284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

DATA PACKAGE

SEMI-VOLATILE ORGANICS

PROJECT NAME : CON ED UTEN MOUNT VERNON, NY

CDM SMITH

110 Fieldcrest Ave

Raritan Center

Edison, NJ - 08837

Phone No: 732-225-7000

ORDER ID : Q1914

ATTENTION : Marcie Ann Encinas

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q1914

Project ID : Con Ed UTEN Mount Vernon, NY

Client : CDM Smith

Lab Sample Number	Client Sample Number
Q1914-01	SS-1
Q1914-02	SS-91
Q1914-03	SS-2
Q1914-04	SS-3
Q1914-05	SS-4
Q1914-06	SS-5
Q1914-07	SS-6
Q1914-08	SS-7
Q1914-09	SS-8
Q1914-10	SS-8MS
Q1914-11	SS-8MSD
Q1914-12	SS-9
Q1914-14	FB04282025

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____ Date: 5/15/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

CDM Smith
Project Name: Con Ed UTEN Mount Vernon, NY
Project # N/A
Order ID # Q1914
Test Name: SVOCMS Group3

A. Number of Samples and Date of Receipt:
12 Solid samples were received on 04/29/2025.
1 Water sample was received on 04/29/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOCMS Group3 and VOCMS Group3. This data package contains results for SVOCMS Group3.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um dfThe samples were analyzed on instrument BNA_M using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe analysis of SVOCMS Group3 was based on method 8270E and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria except for SS-8 [Nitrobenzene-d5 - 138%]. AS per method one Base surrogate is allowed to fail, Therefore no corrective action required.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS {Q1914-10MS} with File ID: BM050083.D recoveries met the requirements for all compounds except for Acenaphthene[67%], Acenaphthylene[72%] and Naphthalene[67%] due to matrix interference.
The MSD {Q1914-11MSD} with File ID: BM050084.D recoveries met the acceptable requirements except for Acenaphthylene[78%] due to matrix interference.
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

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The Tuning criteria met requirements.

E. Additional Comments:
This Data package has been revised due to data package type changed as per client request.

The Form 6 is not included in the data package because the Initial Calibration was performed using 8 points.
The soil samples results are based on a dry weight basis.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

Order ID: Q1914 MATRIX: /Water

METHOD: 8270E/3510

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2.	GC/MS Tuning Specifications. DFTPP Meet Criteria. (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series.			✓
4.	GC/MS Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.			✓
5.	GC/MS Calibration Requirements.			✓
	The Initial Calibration met the requirements .			
	The Continuous Calibration met the requirements .			
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7.	Surrogate Recoveries Meet Criteria		✓	
	If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			
	The Surrogate recoveries met the acceptable criteria except for SS-8 [Nitrobenzene-d5 - 138%]. AS per method one Base surrogate is allowed to fail, Therefore no corrective action required.			
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria		✓	
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
	The MS {Q1914-10MS} with File ID: BM050083.D recoveries met the requirements for all compounds except for Acenaphthene[67%], Acenaphthylene[72%] and Naphthalene[67%] due to matrix interference.			
	The MSD {Q1914-11MSD} with File ID: BM050084.D recoveries met the acceptable requirements except for Acenaphthylene[78%] due to matrix interference.			
	The Blank Spike met requirements for all samples .			
	The Blank Spike Duplicate met requirements for all samples .			

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

		NA	NO	YES
9.	Internal Standard Area/Retention Time Shift Meet Criteria		✓	
	Comments: The Internal Standards Areas met the acceptable requirements.			
10.	Extraction Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			
11.	Analysis Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS:
This Data package has been revised due to data package type changed as per client request.

The Form 6 is not included in the data package because the Initial Calibration was performed using 8 points.
The soil samples results are based on a dry weight basis.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

_____ _____
QA REVIEW Date

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1914

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 05/15/2025

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LAB CHRONICLE

OrderID:	Q1914	**OrderDate:**	4/29/2025 2:19:16 PM
Client:	CDM Smith	**Project:**	Con Ed UTEN Mount Vernon, NY
Contact:	Marcie Ann Encinas	**Location:**	L41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1914-01	**SS-1**	**SOIL**			**04/28/25**			**04/29/25**
			SVOCMS Group3	8270E		04/30/25	05/01/25	
Q1914-02	**SS-91**	**SOIL**			**04/28/25**			**04/29/25**
			SVOCMS Group3	8270E		04/30/25	05/01/25	
Q1914-03	**SS-2**	**SOIL**			**04/28/25**			**04/29/25**
			SVOCMS Group3	8270E		04/30/25	05/01/25	
Q1914-04	**SS-3**	**SOIL**			**04/28/25**			**04/29/25**
			SVOCMS Group3	8270E		04/30/25	05/05/25	
Q1914-05	**SS-4**	**SOIL**			**04/28/25**			**04/29/25**
			SVOCMS Group3	8270E		04/30/25	05/01/25	
Q1914-06	**SS-5**	**SOIL**			**04/28/25**			**04/29/25**
			SVOCMS Group3	8270E		04/30/25	05/05/25	
Q1914-07	**SS-6**	**SOIL**			**04/28/25**			**04/29/25**
			SVOCMS Group3	8270E		04/30/25	05/02/25	
Q1914-08	**SS-7**	**SOIL**			**04/28/25**			**04/29/25**
			SVOCMS Group3	8270E		04/30/25	05/02/25	
Q1914-09	**SS-8**	**SOIL**			**04/28/25**			**04/29/25**
			SVOCMS Group3	8270E		04/30/25	05/02/25	
Q1914-12	**SS-9**	**SOIL**			**04/28/25**			**04/29/25**
			SVOCMS Group3	8270E		04/30/25	05/05/25	
Q1914-14	**FB04282025**	**Water**			**04/28/25**			**04/29/25**
			SVOCMS Group3	8270E		04/30/25	05/01/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1914

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SS-91								
Q1914-02	SS-91	SOIL	Fluoranthene	82.500	J	34.7	200	ug/Kg
			Total Svoc :	**82.50**				
			Total Concentration:	**82.50**				
Client ID : SS-2								
Q1914-03	SS-2	SOIL	Phenanthrene	90.700	J	24.8	200	ug/Kg
Q1914-03	SS-2	SOIL	Fluoranthene	190.000	J	35.6	200	ug/Kg
Q1914-03	SS-2	SOIL	Pyrene	180.000	J	42.7	200	ug/Kg
Q1914-03	SS-2	SOIL	Benzo(a)anthracene	120.000	J	27.3	200	ug/Kg
Q1914-03	SS-2	SOIL	Chrysene	110.000	J	23.6	200	ug/Kg
Q1914-03	SS-2	SOIL	Benzo(b)fluoranthene	150.000	J	22.6	200	ug/Kg
Q1914-03	SS-2	SOIL	Benzo(a)pyrene	120.000	J	35	200	ug/Kg
Q1914-03	SS-2	SOIL	Benzo(g,h,i)perylene	96.500	J	30.5	200	ug/Kg
			Total Svoc :	**1,057.20**				
			Total Concentration:	**1,057.20**				
Client ID : SS-3								
Q1914-04	SS-3	SOIL	Phenanthrene	270.000		23.8	190	ug/Kg
Q1914-04	SS-3	SOIL	Fluoranthene	450.000		34.2	190	ug/Kg
Q1914-04	SS-3	SOIL	Pyrene	400.000		41	190	ug/Kg
Q1914-04	SS-3	SOIL	Benzo(a)anthracene	220.000		26.2	190	ug/Kg
Q1914-04	SS-3	SOIL	Chrysene	210.000		22.7	190	ug/Kg
Q1914-04	SS-3	SOIL	Benzo(b)fluoranthene	280.000		21.7	190	ug/Kg
Q1914-04	SS-3	SOIL	Benzo(k)fluoranthene	100.000	J	25.5	190	ug/Kg
Q1914-04	SS-3	SOIL	Benzo(a)pyrene	210.000		33.6	190	ug/Kg
Q1914-04	SS-3	SOIL	Indeno(1,2,3-cd)pyrene	140.000	J	33.2	190	ug/Kg
Q1914-04	SS-3	SOIL	Benzo(g,h,i)perylene	190.000		29.3	190	ug/Kg
			Total Svoc :	**2,470.00**				
			Total Concentration:	**2,470.00**				
Client ID : SS-4								
Q1914-05	SS-4	SOIL	Phenanthrene	300.000		24.2	200	ug/Kg
Q1914-05	SS-4	SOIL	Fluoranthene	630.000		34.7	200	ug/Kg
Q1914-05	SS-4	SOIL	Pyrene	520.000		41.6	200	ug/Kg
Q1914-05	SS-4	SOIL	Benzo(a)anthracene	320.000		26.6	200	ug/Kg
Q1914-05	SS-4	SOIL	Chrysene	310.000		23	200	ug/Kg
Q1914-05	SS-4	SOIL	Benzo(b)fluoranthene	450.000		22	200	ug/Kg
Q1914-05	SS-4	SOIL	Benzo(k)fluoranthene	130.000	J	25.9	200	ug/Kg
Q1914-05	SS-4	SOIL	Benzo(a)pyrene	330.000		34.1	200	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q1914

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1914-05	SS-4	SOIL	Indeno(1,2,3-cd)pyrene	190.000	J	33.6	200	ug/Kg
Q1914-05	SS-4	SOIL	Benzo(g,h,i)perylene	250.000		29.7	200	ug/Kg
			Total Svoc :	**3,430.00**				
			Total Concentration:	**3,430.00**				
Client ID :	**SS-5**							
Q1914-06	SS-5	SOIL	Acenaphthene	120.000	J	23.7	190	ug/Kg
Q1914-06	SS-5	SOIL	Fluorene	250.000		28.2	190	ug/Kg
Q1914-06	SS-5	SOIL	Phenanthrene	200.000		23.3	190	ug/Kg
Q1914-06	SS-5	SOIL	Anthracene	100.000	J	37.1	190	ug/Kg
Q1914-06	SS-5	SOIL	Fluoranthene	360.000		33.4	190	ug/Kg
Q1914-06	SS-5	SOIL	Pyrene	360.000		40.1	190	ug/Kg
Q1914-06	SS-5	SOIL	Benzo(a)anthracene	110.000	J	25.6	190	ug/Kg
Q1914-06	SS-5	SOIL	Chrysene	120.000	J	22.2	190	ug/Kg
Q1914-06	SS-5	SOIL	Benzo(b)fluoranthene	150.000	J	21.2	190	ug/Kg
Q1914-06	SS-5	SOIL	Benzo(a)pyrene	110.000	J	32.8	190	ug/Kg
Q1914-06	SS-5	SOIL	Benzo(g,h,i)perylene	78.800	J	28.6	190	ug/Kg
			Total Svoc :	**1,958.80**				
			Total Concentration:	**1,958.80**				
Client ID :	**SS-6**							
Q1914-07	SS-6	SOIL	Naphthalene	500.000		27	200	ug/Kg
Q1914-07	SS-6	SOIL	Acenaphthene	370.000		25.3	200	ug/Kg
Q1914-07	SS-6	SOIL	Fluorene	520.000		30.1	200	ug/Kg
Q1914-07	SS-6	SOIL	Phenanthrene	680.000		24.9	200	ug/Kg
Q1914-07	SS-6	SOIL	Anthracene	160.000	J	39.6	200	ug/Kg
Q1914-07	SS-6	SOIL	Fluoranthene	2,500.000		35.7	200	ug/Kg
Q1914-07	SS-6	SOIL	Pyrene	1,900.000		42.8	200	ug/Kg
Q1914-07	SS-6	SOIL	Benzo(a)anthracene	610.000		27.4	200	ug/Kg
Q1914-07	SS-6	SOIL	Chrysene	570.000		23.7	200	ug/Kg
Q1914-07	SS-6	SOIL	Benzo(b)fluoranthene	690.000		22.6	200	ug/Kg
Q1914-07	SS-6	SOIL	Benzo(k)fluoranthene	250.000		26.7	200	ug/Kg
Q1914-07	SS-6	SOIL	Benzo(a)pyrene	580.000		35.1	200	ug/Kg
Q1914-07	SS-6	SOIL	Indeno(1,2,3-cd)pyrene	280.000		34.6	200	ug/Kg
Q1914-07	SS-6	SOIL	Dibenzo(a,h)anthracene	84.100	J	32.6	200	ug/Kg
Q1914-07	SS-6	SOIL	Benzo(g,h,i)perylene	310.000		30.6	200	ug/Kg
			Total Svoc :	**10,004.10**				
			Total Concentration:	**10,004.10**				
Client ID :	**SS-7**							
Q1914-08	SS-7	SOIL	Naphthalene	970.000		26.7	200	ug/Kg
Q1914-08	SS-7	SOIL	Phenanthrene	780.000		24.6	200	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q1914

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1914-08	SS-7	SOIL	Fluoranthene	890.000		35.3	200	ug/Kg
Q1914-08	SS-7	SOIL	Pyrene	1,100.000		42.3	200	ug/Kg
Q1914-08	SS-7	SOIL	Benzo(a)anthracene	400.000		27	200	ug/Kg
Q1914-08	SS-7	SOIL	Chrysene	490.000		23.4	200	ug/Kg
Q1914-08	SS-7	SOIL	Benzo(b)fluoranthene	570.000		22.3	200	ug/Kg
Q1914-08	SS-7	SOIL	Benzo(k)fluoranthene	200.000		26.3	200	ug/Kg
Q1914-08	SS-7	SOIL	Benzo(a)pyrene	410.000		34.7	200	ug/Kg
Q1914-08	SS-7	SOIL	Indeno(1,2,3-cd)pyrene	250.000		34.2	200	ug/Kg
Q1914-08	SS-7	SOIL	Benzo(g,h,i)perylene	310.000		30.2	200	ug/Kg
			Total Svoc :	**6,370.00**				
			Total Concentration:	**6,370.00**				
Client ID :	**SS-8**							
Q1914-09	SS-8	SOIL	Naphthalene	2,000.000		24.5	180	ug/Kg
Q1914-09	SS-8	SOIL	Acenaphthene	190.000		23	180	ug/Kg
Q1914-09	SS-8	SOIL	Phenanthrene	1,400.000		22.6	180	ug/Kg
Q1914-09	SS-8	SOIL	Anthracene	220.000		35.9	180	ug/Kg
Q1914-09	SS-8	SOIL	Fluoranthene	2,000.000		32.4	180	ug/Kg
Q1914-09	SS-8	SOIL	Pyrene	1,800.000		38.9	180	ug/Kg
Q1914-09	SS-8	SOIL	Benzo(a)anthracene	930.000		24.8	180	ug/Kg
Q1914-09	SS-8	SOIL	Chrysene	860.000		21.5	180	ug/Kg
Q1914-09	SS-8	SOIL	Benzo(b)fluoranthene	980.000		20.5	180	ug/Kg
Q1914-09	SS-8	SOIL	Benzo(k)fluoranthene	330.000		24.2	180	ug/Kg
Q1914-09	SS-8	SOIL	Benzo(a)pyrene	770.000		31.8	180	ug/Kg
Q1914-09	SS-8	SOIL	Indeno(1,2,3-cd)pyrene	420.000		31.4	180	ug/Kg
Q1914-09	SS-8	SOIL	Dibenzo(a,h)anthracene	140.000	J	29.6	180	ug/Kg
Q1914-09	SS-8	SOIL	Benzo(g,h,i)perylene	490.000		27.7	180	ug/Kg
			Total Svoc :	**12,530.00**				
			Total Concentration:	**12,530.00**				
Client ID :	**SS-9**							
Q1914-12	SS-9	SOIL	Fluoranthene	160.000	J	34.4	190	ug/Kg
Q1914-12	SS-9	SOIL	Pyrene	150.000	J	41.2	190	ug/Kg
Q1914-12	SS-9	SOIL	Benzo(a)anthracene	83.600	J	26.3	190	ug/Kg
Q1914-12	SS-9	SOIL	Chrysene	78.400	J	22.8	190	ug/Kg
Q1914-12	SS-9	SOIL	Benzo(b)fluoranthene	99.300	J	21.8	190	ug/Kg
Q1914-12	SS-9	SOIL	Benzo(a)pyrene	79.100	J	33.8	190	ug/Kg
			Total Svoc :	**650.40**				
			Total Concentration:	**650.40**				

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167798BL	PB167798BL	Nitrobenzene-d5	100	80.3	80		49	133
		2-Fluorobiphenyl	100	70.4	70		52	132
		Terphenyl-d14	100	64.3	64		48	125
PB167798BS	PB167798BS	Nitrobenzene-d5	100	78.7	79		49	133
		2-Fluorobiphenyl	100	69.2	69		52	132
		Terphenyl-d14	100	73.5	74		48	125
PB167798BSD	PB167798BSD	Nitrobenzene-d5	100	80.3	80		49	133
		2-Fluorobiphenyl	100	68.2	68		52	132
		Terphenyl-d14	100	73.8	74		48	125
Q1914-14	FB04282025	Nitrobenzene-d5	100	88.3	88		49	133
		2-Fluorobiphenyl	100	75.7	76		52	132
		Terphenyl-d14	100	55.7	56		48	125

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Surrogate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167803BL	PB167803BL	Nitrobenzene-d5	100	85.9	86		18	107
		2-Fluorobiphenyl	100	82.7	83		20	109
		Terphenyl-d14	100	96.4	96		10	105
PB167803BS	PB167803BS	Nitrobenzene-d5	100	75.1	75		18	107
		2-Fluorobiphenyl	100	73.7	74		20	109
		Terphenyl-d14	100	76.9	77		10	105
Q1914-01	SS-1	Nitrobenzene-d5	100	51.5	51		18	107
		2-Fluorobiphenyl	100	49.8	50		20	109
		Terphenyl-d14	100	49.4	49		10	105
Q1914-02	SS-91	Nitrobenzene-d5	100	81.8	82		18	107
		2-Fluorobiphenyl	100	77.3	77		20	109
		Terphenyl-d14	100	79.8	80		10	105
Q1914-03	SS-2	Nitrobenzene-d5	100	42.7	43		18	107
		2-Fluorobiphenyl	100	37.5	38		20	109
		Terphenyl-d14	100	38.2	38		10	105
Q1914-04	SS-3	Nitrobenzene-d5	100	52.5	52		18	107
		2-Fluorobiphenyl	100	49.2	49		20	109
		Terphenyl-d14	100	48.9	49		10	105
Q1914-05	SS-4	Nitrobenzene-d5	100	41.7	42		18	107
		2-Fluorobiphenyl	100	38.3	38		20	109
		Terphenyl-d14	100	35.7	36		10	105
Q1914-06	SS-5	Nitrobenzene-d5	100	41.6	42		18	107
		2-Fluorobiphenyl	100	40.5	41		20	109
		Terphenyl-d14	100	38.1	38		10	105
Q1914-07	SS-6	Nitrobenzene-d5	100	64.5	64		18	107
		2-Fluorobiphenyl	100	57.5	58		20	109
		Terphenyl-d14	100	58.4	58		10	105
Q1914-08	SS-7	Nitrobenzene-d5	100	72.3	72		18	107
		2-Fluorobiphenyl	100	40.2	40		20	109
		Terphenyl-d14	100	44.5	44		10	105
Q1914-09	SS-8	Nitrobenzene-d5	100	138	138	*	18	107
		2-Fluorobiphenyl	100	54.6	55		20	109
		Terphenyl-d14	100	55.5	55		10	105
Q1914-10MS	SS-8MS	Nitrobenzene-d5	100	91.0	91		18	107
		2-Fluorobiphenyl	100	44.7	45		20	109
		Terphenyl-d14	100	41.4	41		10	105
Q1914-11MSD	SS-8MSD	Nitrobenzene-d5	100	94.8	95		18	107
		2-Fluorobiphenyl	100	48.5	48		20	109
		Terphenyl-d14	100	43.2	43		10	105
Q1914-12	SS-9	Nitrobenzene-d5	100	37.5	37		18	107
		2-Fluorobiphenyl	100	35.9	36		20	109
		Terphenyl-d14	100	35.9	36		10	105

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1914-10MS		**Client Sample ID:** SS-8MS						**DataFile:**	BM050083.D		
Naphthalene	1800	2000	3200	ug/Kg	67	*			72	110	
Acenaphthylene	1800	0	1300	ug/Kg	72	*			79	118	
Acenaphthene	1800	190	1400	ug/Kg	67	*			70	121	
Fluorene	1800	0	1600	ug/Kg	89				68	116	
Phenanthrene	1800	1400	2500	ug/Kg	61				52	128	
Anthracene	1800	220	1600	ug/Kg	77				62	124	
Fluoranthene	1800	2000	3100	ug/Kg	61				44	125	
Pyrene	1800	1800	2600	ug/Kg	44				26	142	
Benzo(a)anthracene	1800	930	2200	ug/Kg	71				71	114	
Chrysene	1800	860	2100	ug/Kg	69				57	121	
Benzo(b)fluoranthene	1800	980	2200	ug/Kg	68				67	121	
Benzo(k)fluoranthene	1800	330	1700	ug/Kg	76				57	134	
Benzo(a)pyrene	1800	770	2100	ug/Kg	74				70	142	
Indeno(1,2,3-cd)pyrene	1800	420	1900	ug/Kg	82				40	129	
Dibenz(a,h)anthracene	1800	140	1600	ug/Kg	81				43	123	
Benzo(g,h,i)perylene	1800	490	2000	ug/Kg	84				24	125	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1914-11MSD		**Client Sample ID:** SS-8MSD						**DataFile:**	BM050084.D		
Naphthalene	1800	2000	3300	ug/Kg	72		7		72	110	20
Acenaphthylene	1800	0	1400	ug/Kg	78	*	8		79	118	20
Acenaphthene	1800	190	1500	ug/Kg	73		9		70	121	20
Fluorene	1800	0	1700	ug/Kg	94		5		68	116	20
Phenanthrene	1800	1400	2500	ug/Kg	61		0		52	128	20
Anthracene	1800	220	1700	ug/Kg	82		6		62	124	20
Fluoranthene	1800	2000	3100	ug/Kg	61		0		44	125	20
Pyrene	1800	1800	2700	ug/Kg	50		13		26	142	20
Benzo(a)anthracene	1800	930	2300	ug/Kg	76		7		71	114	20
Chrysene	1800	860	2200	ug/Kg	74		7		57	121	20
Benzo(b)fluoranthene	1800	980	2200	ug/Kg	68		0		67	121	20
Benzo(k)fluoranthene	1800	330	1700	ug/Kg	76		0		57	134	20
Benzo(a)pyrene	1800	770	2100	ug/Kg	74		0		70	142	20
Indeno(1,2,3-cd)pyrene	1800	420	1900	ug/Kg	82		0		40	129	20
Dibenz(a,h)anthracene	1800	140	1700	ug/Kg	87		7		43	123	20
Benzo(g,h,i)perylene	1800	490	2000	ug/Kg	84		0		24	125	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: 8270E **DataFile:** BF142252.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167798BS	Naphthalene	50	40.4	ug/L	81				64	107	
	Acenaphthylene	50	41.2	ug/L	82				79	103	
	Acenaphthene	50	43.9	ug/L	88				59	113	
	Fluorene	50	41.1	ug/L	82				64	107	
	Phenanthrene	50	40.0	ug/L	80				62	109	
	Anthracene	50	40.9	ug/L	82				65	110	
	Fluoranthene	50	41.9	ug/L	84				64	110	
	Pyrene	50	42.9	ug/L	86				71	103	
	Benzo(a)anthracene	50	41.2	ug/L	82				62	107	
	Chrysene	50	43.6	ug/L	87				61	108	
	Benzo(b)fluoranthene	50	44.1	ug/L	88				77	113	
	Benzo(k)fluoranthene	50	39.7	ug/L	79				77	105	
	Benzo(a)pyrene	50	42.5	ug/L	85				72	131	
	Indeno(1,2,3-cd)pyrene	50	42.2	ug/L	84				72	105	
	Dibenz(a,h)anthracene	50	42.3	ug/L	85				78	115	
	Benzo(g,h,i)perylene	50	42.0	ug/L	84				75	118	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: 8270E **DataFile:** BF142253.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB167798BSD	Naphthalene	50	39.8	ug/L	80	1			64	107	20
	Acenaphthylene	50	40.8	ug/L	82	1			79	103	20
	Acenaphthene	50	44.0	ug/L	88	0			59	113	20
	Fluorene	50	40.7	ug/L	81	1			64	107	20
	Phenanthrene	50	40.7	ug/L	81	2			62	109	20
	Anthracene	50	41.3	ug/L	83	1			65	110	20
	Fluoranthene	50	41.8	ug/L	84	0			64	110	20
	Pyrene	50	43.0	ug/L	86	0			71	103	20
	Benzo(a)anthracene	50	41.3	ug/L	83	0			62	107	20
	Chrysene	50	43.0	ug/L	86	1			61	108	20
	Benzo(b)fluoranthene	50	39.3	ug/L	79	12			77	113	20
	Benzo(k)fluoranthene	50	44.5	ug/L	89	11			77	105	20
	Benzo(a)pyrene	50	42.6	ug/L	85	0			72	131	20
	Indeno(1,2,3-cd)pyrene	50	42.8	ug/L	86	1			72	105	20
	Dibenz(a,h)anthracene	50	43.0	ug/L	86	2			78	115	20
	Benzo(g,h,i)perylene	50	43.1	ug/L	86	3			75	118	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: 8270E **DataFile:** BM050081.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167803BS	Naphthalene	1700	1400	ug/Kg	82				62	100	
	Acenaphthylene	1700	1400	ug/Kg	82				63	101	
	Acenaphthene	1700	1400	ug/Kg	82				57	104	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1400	ug/Kg	82				62	109	
	Benzo(a)pyrene	1700	1500	ug/Kg	88				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167798BL

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: BF142251.D Lab Sample ID: PB167798BL

Instrument ID: BNA_F Date Extracted: 04/30/2025

Matrix: (soil/water) Water Date Analyzed: 05/01/2025

Level: (low/med) LOW Time Analyzed: 10:45

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167798BS	PB167798BS	BF142252.D	05/01/2025
PB167798BSD	PB167798BSD	BF142253.D	05/01/2025
FB04282025	Q1914-14	BF142259.D	05/01/2025

COMMENTS:

Form IV SV

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167803BL

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: BM050080.D Lab Sample ID: PB167803BL

Instrument ID: BNA_M Date Extracted: 04/30/2025

Matrix: (soil/water) SOIL Date Analyzed: 05/02/2025

Level: (low/med) LOW Time Analyzed: 11:13

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167803BS	PB167803BS	BM050081.D	05/02/2025
SS-8	Q1914-09	BM050082.D	05/02/2025
SS-8MS	Q1914-10MS	BM050083.D	05/02/2025
SS-8MSD	Q1914-11MSD	BM050084.D	05/02/2025
SS-7	Q1914-08	BM050089.D	05/02/2025
SS-9	Q1914-12	BM050099.D	05/05/2025
SS-5	Q1914-06	BM050106.D	05/05/2025
SS-3	Q1914-04	BM050107.D	05/05/2025
SS-6	Q1914-07	BP024520.D	05/02/2025
SS-1	Q1914-01	BM050066.D	05/01/2025
SS-91	Q1914-02	BM050067.D	05/01/2025
SS-2	Q1914-03	BM050071.D	05/01/2025
SS-4	Q1914-05	BM050072.D	05/01/2025

COMMENTS:

Form IV SV

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: BF142238.D DFTPP Injection Date: 04/30/2025

Instrument ID: BNA_F DFTPP Injection Time: 10:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.6
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	27.3
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	37.1
197	Less than 2.0% of mass 198	0.7
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.3
275	10.0 - 60.0% of mass 198	22.8
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.9 (19.9) 2

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF142239.D	04/30/2025	11:24
SSTDICC005	SSTDICC005	BF142240.D	04/30/2025	11:52
SSTDICC010	SSTDICC010	BF142241.D	04/30/2025	12:20
SSTDICC020	SSTDICC020	BF142242.D	04/30/2025	12:49
SSTDICCC040	SSTDICCC040	BF142243.D	04/30/2025	13:17
SSTDICC050	SSTDICC050	BF142244.D	04/30/2025	13:46
SSTDICC060	SSTDICC060	BF142245.D	04/30/2025	14:15
SSTDICC080	SSTDICC080	BF142246.D	04/30/2025	14:43

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: BF142249.D DFTPP Injection Date: 05/01/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.4
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	31.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	42.4
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.9
275	10.0 - 60.0% of mass 198	23.8
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	15.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 2

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF142250.D	05/01/2025	10:17
PB167798BL	PB167798BL	BF142251.D	05/01/2025	10:45
PB167798BS	PB167798BS	BF142252.D	05/01/2025	11:13
PB167798BSD	PB167798BSD	BF142253.D	05/01/2025	11:42
FB04282025	Q1914-14	BF142259.D	05/01/2025	14:37

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: BM050023.D DFTPP Injection Date: 04/28/2025

Instrument ID: BNA_M DFTPP Injection Time: 11:46

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23.8
68	Less than 2.0% of mass 69	0.4 (1.3) 1
69	Mass 69 relative abundance	28.5
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	35.7
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	74.7
443	15.0 - 24.0% of mass 442	14.4 (19.3) 2

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BM050024.D	04/28/2025	12:30
SSTDICC005	SSTDICC005	BM050025.D	04/28/2025	13:09
SSTDICC010	SSTDICC010	BM050026.D	04/28/2025	13:48
SSTDICC020	SSTDICC020	BM050027.D	04/28/2025	14:27
SSTDICCC040	SSTDICCC040	BM050028.D	04/28/2025	15:06
SSTDICC050	SSTDICC050	BM050029.D	04/28/2025	15:45
SSTDICC060	SSTDICC060	BM050030.D	04/28/2025	16:24
SSTDICC080	SSTDICC080	BM050031.D	04/28/2025	17:04

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: BM050061.D DFTPP Injection Date: 05/01/2025

Instrument ID: BNA_M DFTPP Injection Time: 12:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.1
68	Less than 2.0% of mass 69	0.4 (1.5) 1
69	Mass 69 relative abundance	26.4
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	34.3
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	12.6
442	Greater than 50% of mass 198	81.4
443	15.0 - 24.0% of mass 442	15.5 (19.1) 2

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM050062.D	05/01/2025	13:25
SS-1	Q1914-01	BM050066.D	05/01/2025	16:05
SS-91	Q1914-02	BM050067.D	05/01/2025	16:44
SS-2	Q1914-03	BM050071.D	05/01/2025	19:20
SS-4	Q1914-05	BM050072.D	05/01/2025	20:00

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: BM050078.D DFTPP Injection Date: 05/02/2025

Instrument ID: BNA_M DFTPP Injection Time: 09:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	20.9
68	Less than 2.0% of mass 69	0.4 (1.5) 1
69	Mass 69 relative abundance	25.2
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	32.5
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	26.7
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	12.2
442	Greater than 50% of mass 198	77.4
443	15.0 - 24.0% of mass 442	15.1 (19.5) 2

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM050079.D	05/02/2025	10:33
PB167803BL	PB167803BL	BM050080.D	05/02/2025	11:13
PB167803BS	PB167803BS	BM050081.D	05/02/2025	11:52
SS-8	Q1914-09	BM050082.D	05/02/2025	12:41
SS-8MS	Q1914-10MS	BM050083.D	05/02/2025	13:20
SS-8MSD	Q1914-11MSD	BM050084.D	05/02/2025	14:00
SS-7	Q1914-08	BM050089.D	05/02/2025	17:17

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: BM050095.D DFTPP Injection Date: 05/05/2025

Instrument ID: BNA_M DFTPP Injection Time: 11:39

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	21.5
68	Less than 2.0% of mass 69	0.4 (1.4) 1
69	Mass 69 relative abundance	25.9
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	33.8
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	27.5
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	13.2
442	Greater than 50% of mass 198	82.9
443	15.0 - 24.0% of mass 442	16.3 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM050096.D	05/05/2025	12:18
SS-9	Q1914-12	BM050099.D	05/05/2025	15:03
SS-5	Q1914-06	BM050106.D	05/05/2025	19:37
SS-3	Q1914-04	BM050107.D	05/05/2025	20:16

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: BP024274.D DFTPP Injection Date: 04/14/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.4
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	36
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.5
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	29.1
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	15.2
442	Greater than 50% of mass 198	99.1
443	15.0 - 24.0% of mass 442	19.2 (19.4) 2

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP024275.D	04/14/2025	11:06
SSTDICC005	SSTDICC005	BP024276.D	04/14/2025	11:47
SSTDICC010	SSTDICC010	BP024277.D	04/14/2025	12:27
SSTDICC020	SSTDICC020	BP024278.D	04/14/2025	13:08
SSTDICCC040	SSTDICCC040	BP024279.D	04/14/2025	13:49
SSTDICC050	SSTDICC050	BP024280.D	04/14/2025	15:10
SSTDICC060	SSTDICC060	BP024281.D	04/14/2025	16:32
SSTDICC080	SSTDICC080	BP024282.D	04/14/2025	17:13

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: BP024503.D DFTPP Injection Date: 05/02/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:47

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.3
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	26.8
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	38.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.5
275	10.0 - 60.0% of mass 198	26
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	15.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.5) 2

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP024504.D	05/02/2025	11:27
SS-6	Q1914-07	BP024520.D	05/02/2025	22:27

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/01/2025

Lab File ID: BF142250.D Time Analyzed: 10:17

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	186578	6.91	719586	8.19	381198	9.95
	UPPER LIMIT	373156	7.41	1439170	8.692	762396	10.445
	LOWER LIMIT	93289	6.41	359793	7.692	190599	9.445
	EPA SAMPLE NO.						
01	PB167798BL	227901	6.90	877397	8.19	467254	9.95
02	PB167798BS	225762	6.91	889454	8.19	464234	9.95
03	PB167798BSD	228844	6.91	895505	8.19	472033	9.95
04	FB04282025	209525	6.90	791724	8.19	383707	9.94

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/01/2025

Lab File ID: BF142250.D Time Analyzed: 10:17

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	647816	11.433	384442	14.074	349272	15.562
	UPPER LIMIT	1295630	11.933	768884	14.574	698544	16.062
	LOWER LIMIT	323908	10.933	192221	13.574	174636	15.062
	EPA SAMPLE NO.						
01	PB167798BL	826787	11.43	587490	14.07	406867	15.56
02	PB167798BS	800889	11.43	447227	14.07	448663	15.56
03	PB167798BSD	796412	11.43	445019	14.07	441873	15.56
04	FB04282025	539331	11.43	446045	14.06	456057	15.56

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/01/2025

Lab File ID: BM050062.D Time Analyzed: 13:25

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	329367	7.757	1090200	10.55	636680	14.40
	UPPER LIMIT	658734	8.257	2180400	11.045	1273360	14.898
	LOWER LIMIT	164684	7.257	545100	10.045	318340	13.898
	EPA SAMPLE NO.						
01	SS-4	266849	7.75	987063	10.54	682416	14.39
02	SS-1	239935	7.75	828165	10.54	540888	14.39
03	SS-91	241297	7.75	826545	10.54	542720	14.39
04	SS-2	275696	7.75	997778	10.54	688876	14.39

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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* Values outside of QC limits.

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/01/2025

Lab File ID: BM050062.D Time Analyzed: 13:25

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1171490	17.145	1137060	21.386	1050480	24.374
	UPPER LIMIT	2342980	17.645	2274120	21.886	2100960	24.874
	LOWER LIMIT	585745	16.645	568530	20.886	525240	23.874
	EPA SAMPLE NO.						
01	SS-4	1413670	17.14	1410220	21.38	1421530	24.37
02	SS-1	1067810	17.14	1100860	21.38	1221360	24.37
03	SS-91	1075470	17.14	1169710	21.38	1275490	24.37
04	SS-2	1445780	17.14	1428820	21.38	1491420	24.37

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/02/2025

Lab File ID: BM050079.D Time Analyzed: 10:33

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	249928	7.751	901454	10.54	586754	14.40
	UPPER LIMIT	499856	8.251	1802910	11.039	1173510	14.898
	LOWER LIMIT	124964	7.251	450727	10.039	293377	13.898
	EPA SAMPLE NO.						
01	PB167803BL	227359	7.75	771197	10.55	505614	14.40
02	PB167803BS	238731	7.75	852455	10.54	546617	14.40
03	SS-7	450043	7.75	1023590	10.56	947352	14.41
04	SS-8	344484	7.75	630857	10.56	706415	14.42
05	SS-8MS	315345	7.75	672358	10.56	611965	14.41
06	SS-8MSD	318543	7.75	669041	10.56	587094	14.41

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/02/2025

Lab File ID: BM050079.D Time Analyzed: 10:33

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1164750	17.145	1138510	21.38	1096970	24.374
	UPPER LIMIT	2329500	17.645	2277020	21.88	2193940	24.874
	LOWER LIMIT	582375	16.645	569255	20.88	548485	23.874
	EPA SAMPLE NO.						
01	PB167803BL	1028820	17.15	949846	21.39	1027400	24.37
02	PB167803BS	1041830	17.15	1028150	21.39	1050830	24.37
03	SS-7	1897250	17.16	1412130	21.39	1490250	24.38
04	SS-8	1174130	17.16	1218530	21.39	1375320	24.37
05	SS-8MS	1130510	17.16	1268700	21.39	1417440	24.37
06	SS-8MSD	1125280	17.16	1238340	21.39	1405070	24.37

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/05/2025

Lab File ID: BM050096.D Time Analyzed: 12:18

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	253723	7.745	967980	10.54	663376	14.40
	UPPER LIMIT	507446	8.245	1935960	11.039	1326750	14.898
	LOWER LIMIT	126862	7.245	483990	10.039	331688	13.898
	EPA SAMPLE NO.						
01	SS-5	357595	7.75	1220330	10.54	725121	14.40
02	SS-9	354451	7.75	1254840	10.54	826535	14.39
03	SS-3	368852	7.75	1311010	10.54	867173	14.39

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/05/2025

Lab File ID: BM050096.D Time Analyzed: 12:18

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1334830	17.145	1249730	21.386	1253430	24.38
	UPPER LIMIT	2669660	17.645	2499460	21.886	2506860	24.88
	LOWER LIMIT	667415	16.645	624865	20.886	626715	23.88
	EPA SAMPLE NO.						
01	SS-5	1422910	17.15	1469030	21.39	1573720	24.37
02	SS-9	1612550	17.14	1455810	21.39	1490530	24.37
03	SS-3	1719610	17.14	1608470	21.39	1592320	24.37

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/02/2025

Lab File ID: BP024504.D Time Analyzed: 11:27

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	129550	7.71	549706	10.48	360102	14.34
	UPPER LIMIT	259100	8.21	1099410	10.981	720204	14.84
	LOWER LIMIT	64775	7.21	274853	9.981	180051	13.84
	EPA SAMPLE NO.						
01	SS-6	170544	7.71	657655	10.49	442093	14.35

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/02/2025

Lab File ID: BP024504.D Time Analyzed: 11:27

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	708711	17.145	795052	21.598	924354	24.945
	UPPER LIMIT	1417420	17.645	1590100	22.098	1848710	25.445
	LOWER LIMIT	354356	16.645	397526	21.098	462177	24.445
	EPA SAMPLE NO.						
01	SS-6	835247	17.15	983824	21.59	1181270	24.94

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-1	SDG No.:	Q1914
Lab Sample ID:	Q1914-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.7
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050066.D	1	04/30/25 11:00	05/01/25 16:05	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	190	U	25.5	190	ug/Kg
208-96-8	Acenaphthylene	190	U	32.5	190	ug/Kg
83-32-9	Acenaphthene	190	U	24.0	190	ug/Kg
86-73-7	Fluorene	190	U	28.5	190	ug/Kg
85-01-8	Phenanthrene	190	U	23.5	190	ug/Kg
120-12-7	Anthracene	190	U	37.5	190	ug/Kg
206-44-0	Fluoranthene	190	U	33.8	190	ug/Kg
129-00-0	Pyrene	190	U	40.5	190	ug/Kg
56-55-3	Benzo(a)anthracene	190	U	25.9	190	ug/Kg
218-01-9	Chrysene	190	U	22.4	190	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	U	21.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	U	25.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	190	U	33.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	U	32.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	U	30.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	U	28.9	190	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	51.5		18 - 107	51%	SPK: 100
321-60-8	2-Fluorobiphenyl	49.8		20 - 109	50%	SPK: 100
1718-51-0	Terphenyl-d14	49.4		10 - 105	49%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	240000	7.745			
1146-65-2	Naphthalene-d8	828000	10.539			
15067-26-2	Acenaphthene-d10	541000	14.392			
1517-22-2	Phenanthrene-d10	1070000	17.139			
1719-03-5	Chrysene-d12	1100000	21.38			
1520-96-3	Perylene-d12	1220000	24.374			

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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-1	SDG No.:	Q1914
Lab Sample ID:	Q1914-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.7
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050066.D	1	04/30/25 11:00	05/01/25 16:05	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050066.D
Acq On : 01 May 2025 16:05
Operator : RC/JU
Sample : Q1914-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-1

Quant Time: May 01 16:44:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

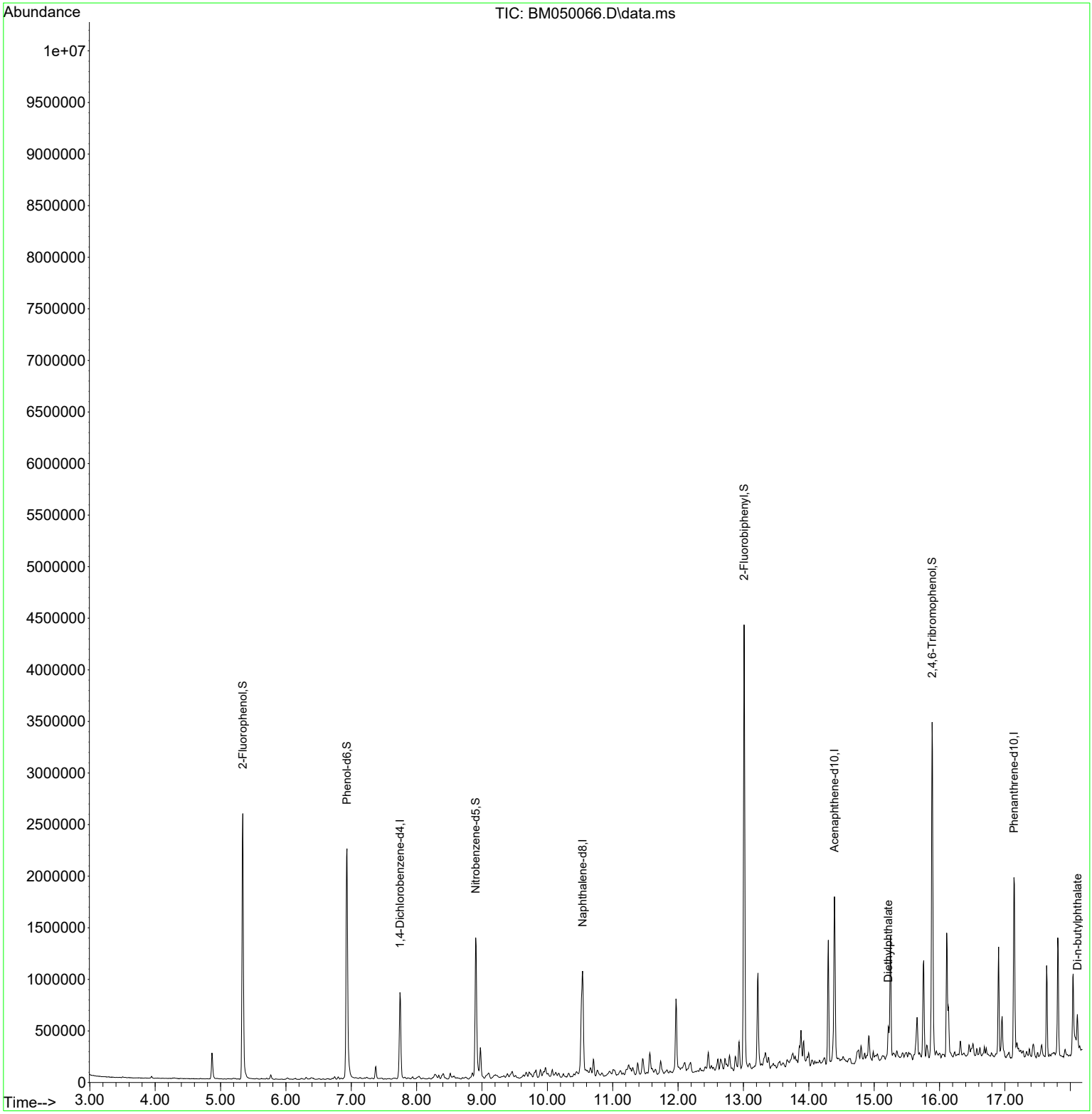
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	239935	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	828165	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	540888	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1067812	20.000	ng	-0.02
76) Chrysene-d12	21.380	240	1100864	20.000	ng	-0.02
86) Perylene-d12	24.374	264	1221356	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1164460	84.984	ng	-0.02
7) Phenol-d6	6.934	99	1462699	84.933	ng	-0.02
23) Nitrobenzene-d5	8.904	82	864877	51.461	ng	-0.02
42) 2,4,6-Tribromophenol	15.886	330	673555	84.218	ng	-0.02
45) 2-Fluorobiphenyl	13.010	172	2275635	49.771	ng	-0.02
79) Terphenyl-d14	19.768	244	3673095	49.372	ng	-0.01
Target Compounds						Qvalue
60) Diethylphthalate	15.215	149	236705	6.355	ng	99
74) Di-n-butylphthalate	18.109	149	327560	5.201	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050066.D
Acq On : 01 May 2025 16:05
Operator : RC/JU
Sample : Q1914-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-1

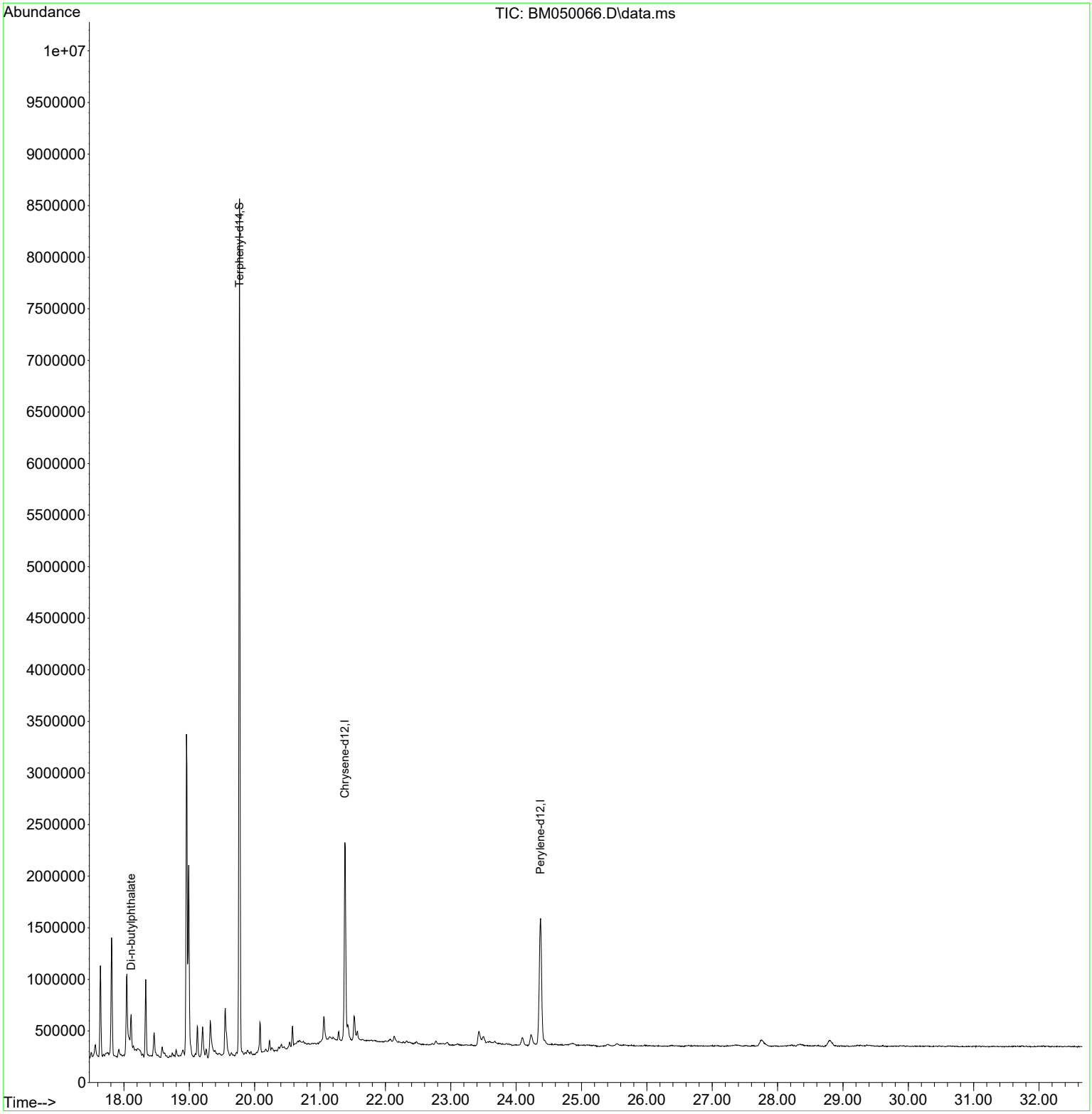
Quant Time: May 01 16:44:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

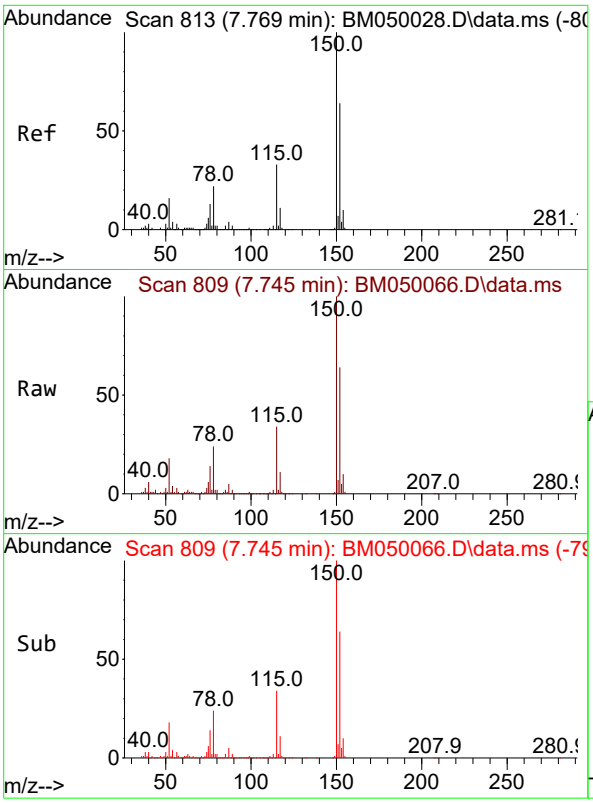


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050066.D
Acq On : 01 May 2025 16:05
Operator : RC/JU
Sample : Q1914-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-1

Quant Time: May 01 16:44:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



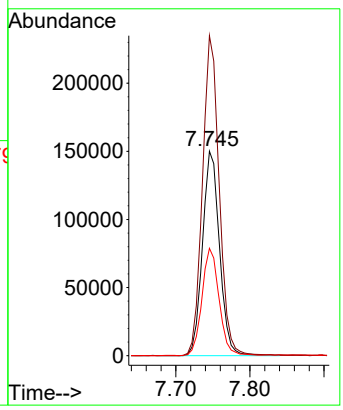


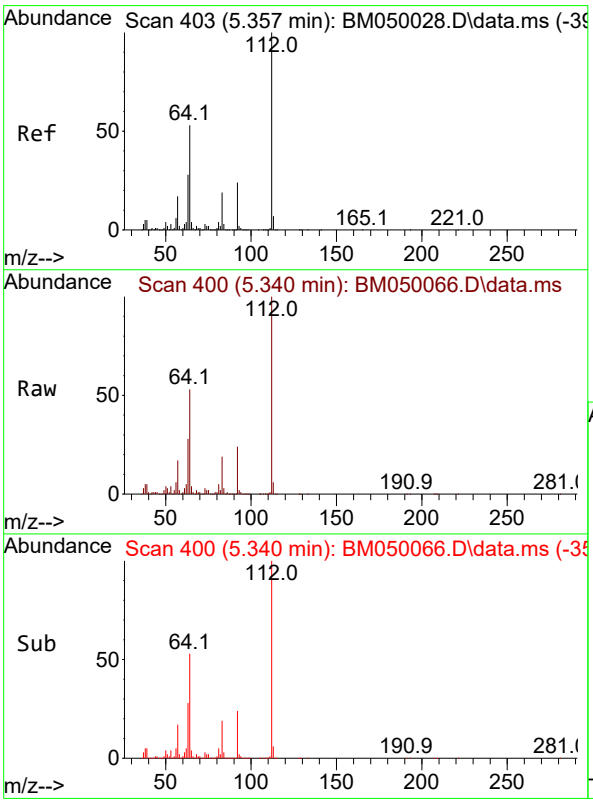
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

Instrument :
BNA_M
ClientSampleId :
SS-1

Tgt Ion:152 Resp: 239935

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.1	186.1
115	52.5	41.2	61.8

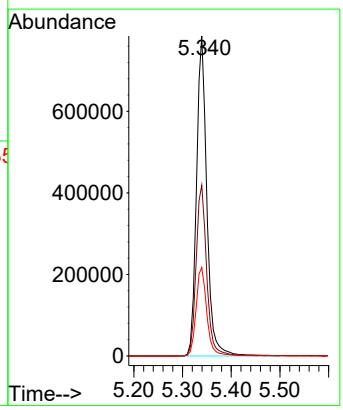


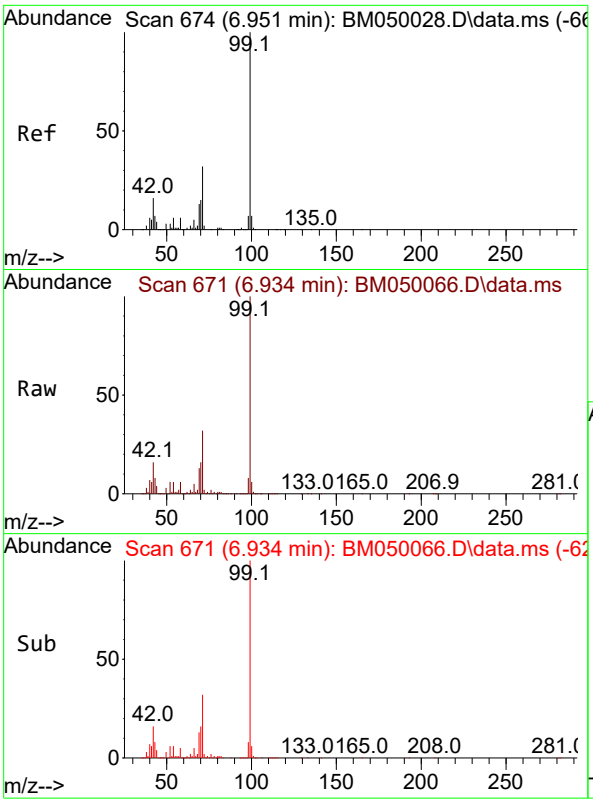


#5
2-Fluorophenol
Concen: 84.984 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

Tgt Ion:112 Resp: 1164460

Ion	Ratio	Lower	Upper
112	100		
64	53.4	42.6	64.0
63	27.6	22.2	33.4



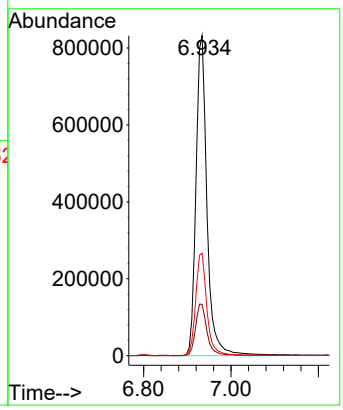


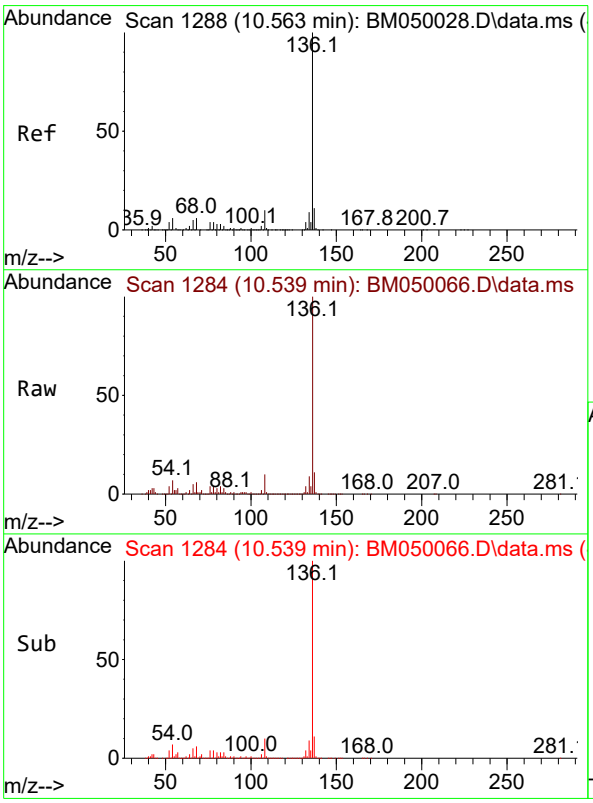
#7
Phenol-d6
Concen: 84.933 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

Instrument :
BNA_M
ClientSampleId :
SS-1

Tgt Ion: 99 Resp: 1462699

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.0	19.4
71	32.0	25.6	38.4

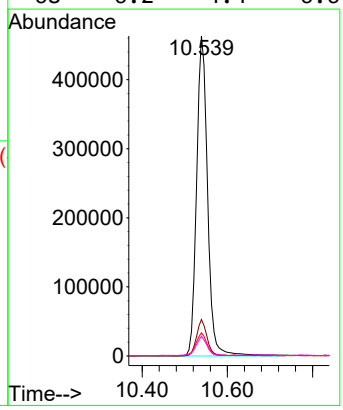


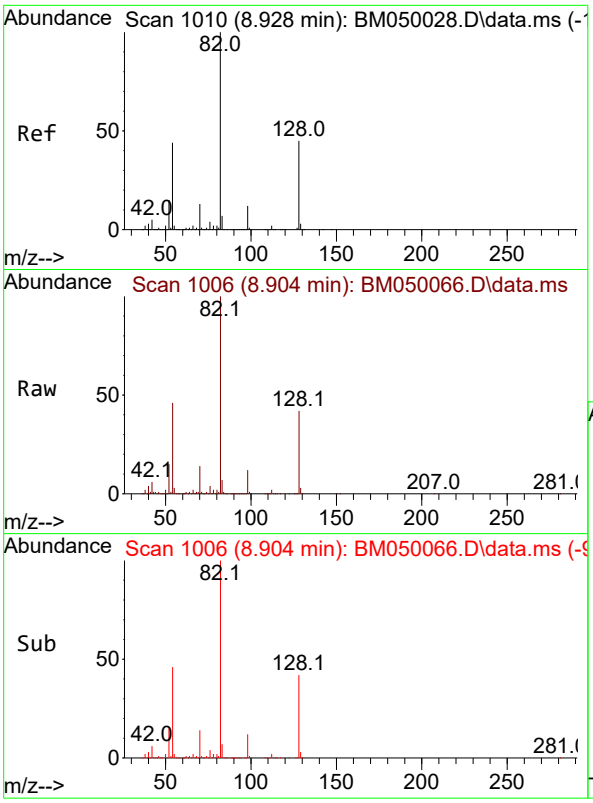


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

Tgt Ion:136 Resp: 828165

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.3	5.1	7.7
68	6.2	4.4	6.6



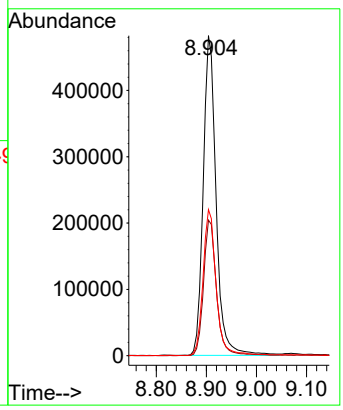


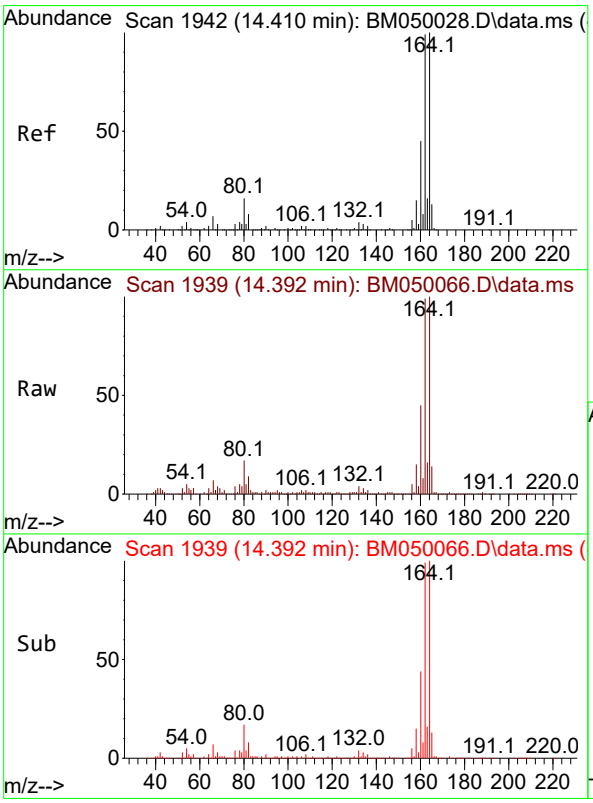
#23
Nitrobenzene-d5
Concen: 51.461 ng
RT: 8.904 min Scan# 1(
Delta R.T. -0.024 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

Instrument :
BNA_M
ClientSampleId :
SS-1

Tgt Ion: 82 Resp: 864877

Ion	Ratio	Lower	Upper
82	100		
128	42.3	35.7	53.5
54	45.6	35.4	53.2

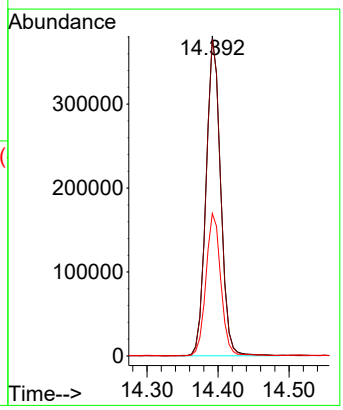


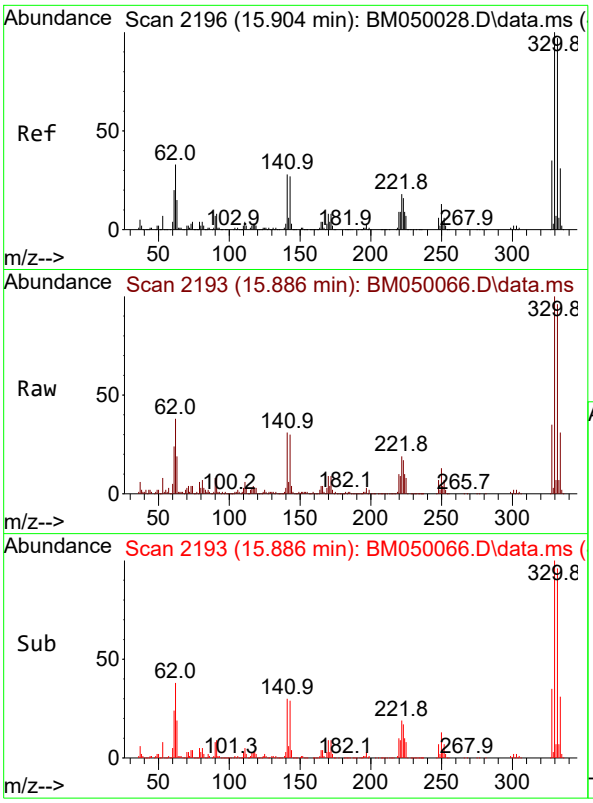


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

Tgt Ion:164 Resp: 540888

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.4	119.0
160	44.5	36.2	54.4



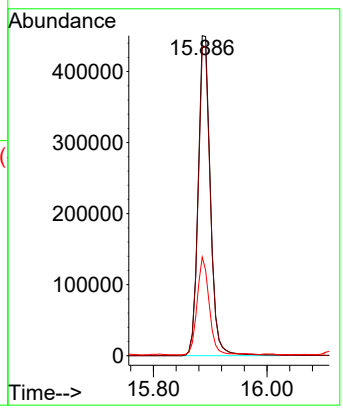


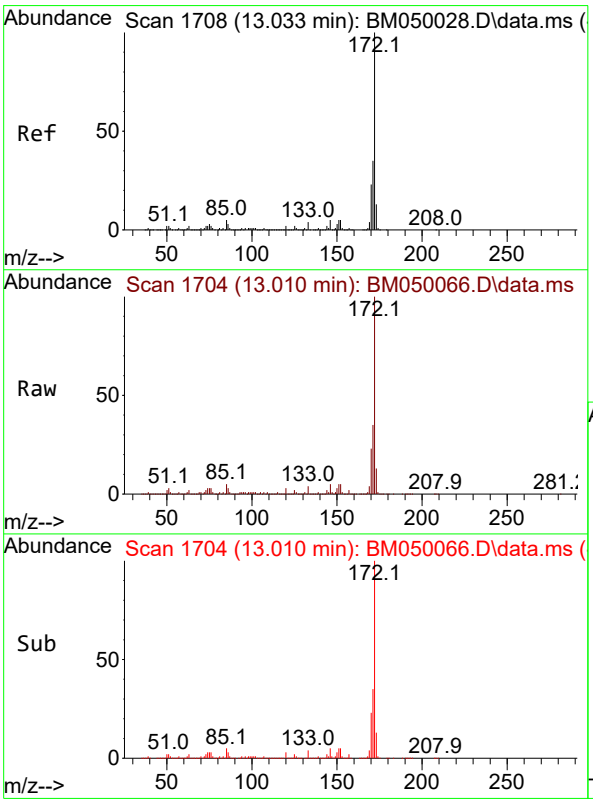
#42
2,4,6-Tribromophenol
Concen: 84.218 ng
RT: 15.886 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

Instrument :
BNA_M
ClientSampleId :
SS-1

Tgt Ion:330 Resp: 673555

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	29.8	22.5	33.7

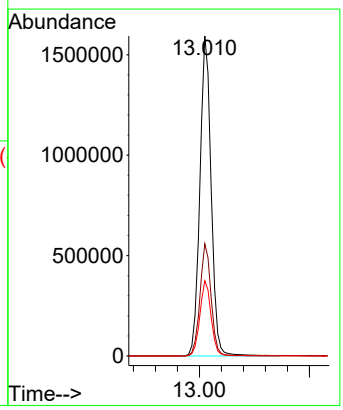


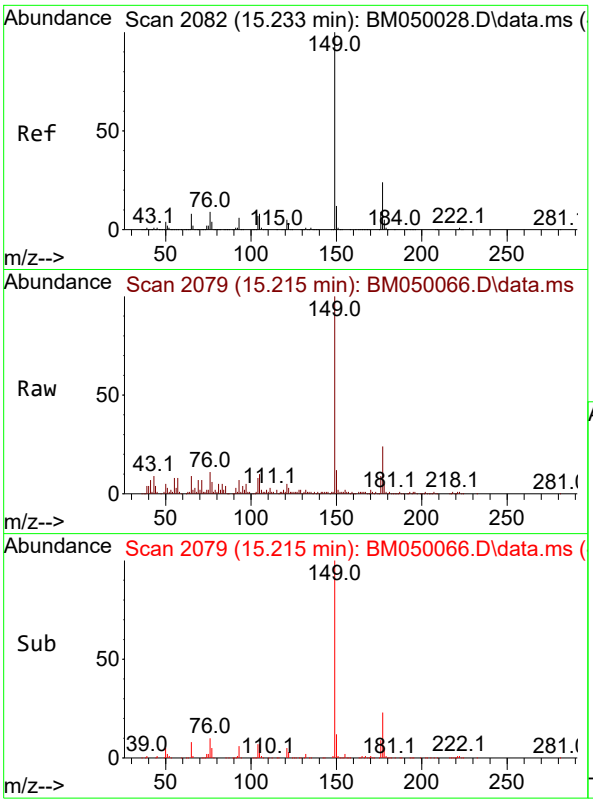


#45
2-Fluorobiphenyl
Concen: 49.771 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

Tgt Ion:172 Resp: 2275635

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.6
170	23.5	18.6	28.0



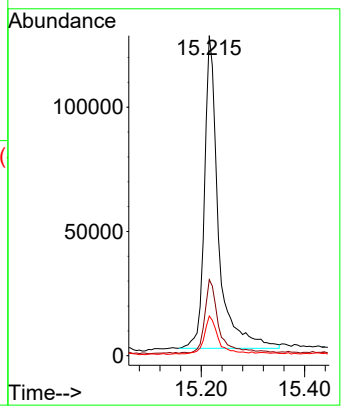


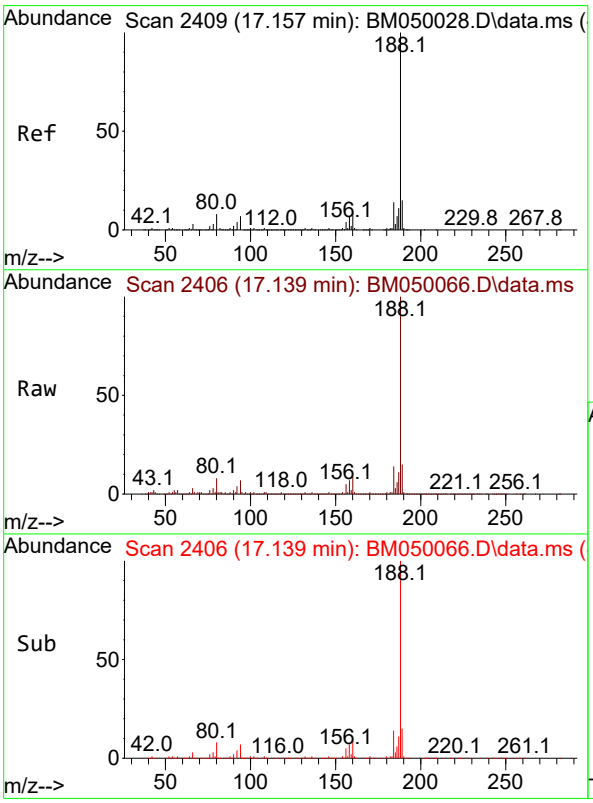
#60
Diethylphthalate
Concen: 6.355 ng
RT: 15.215 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

Instrument :
BNA_M
ClientSampleId :
SS-1

Tgt Ion:149 Resp: 236705

Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.1	28.7
150	12.4	9.6	14.4

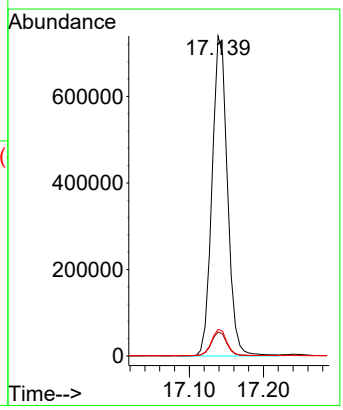


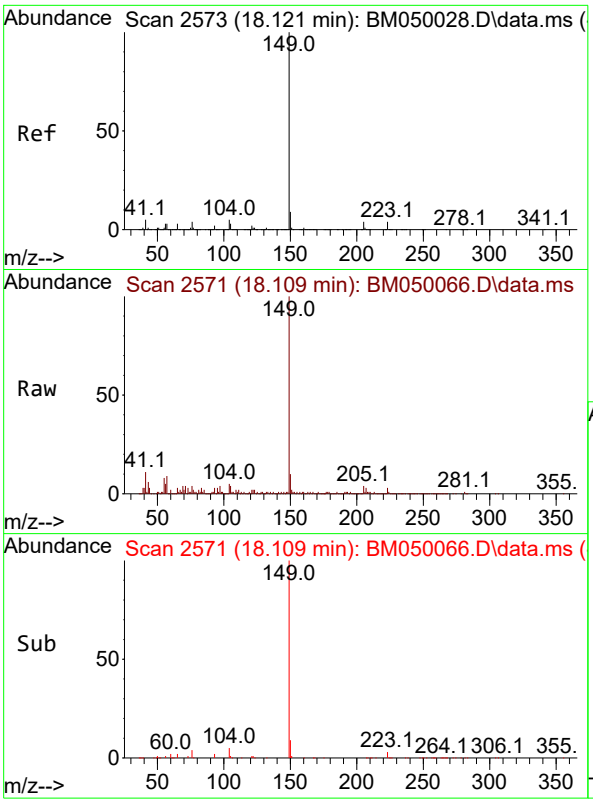


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.018 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

Tgt Ion:188 Resp: 1067812

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.7	8.5
80	8.3	6.2	9.4



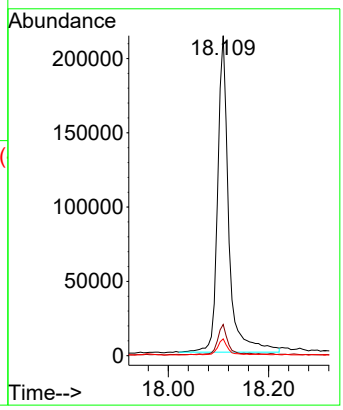


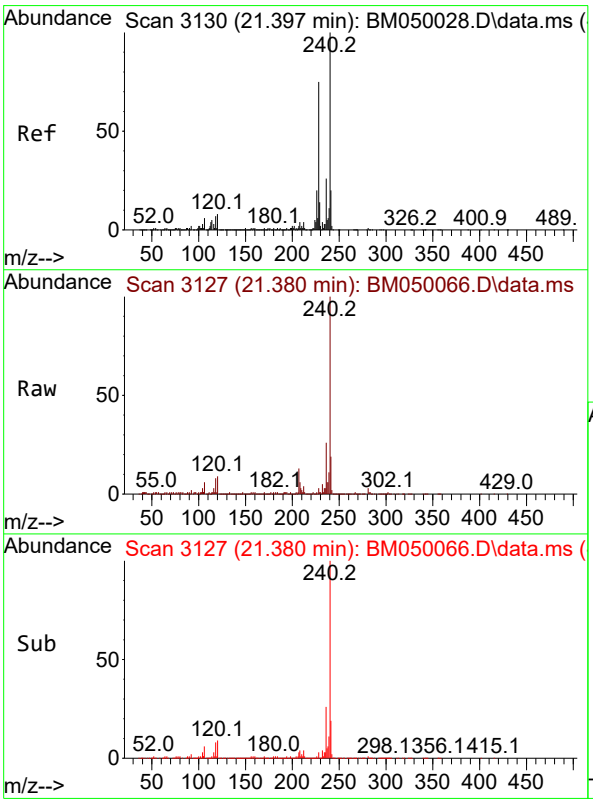
#74
Di-n-butylphthalate
Concen: 5.201 ng
RT: 18.109 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

Instrument :
BNA_M
ClientSampleId :
SS-1

Tgt Ion:149 Resp: 327560

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.3	10.9
104	5.3	3.8	5.6

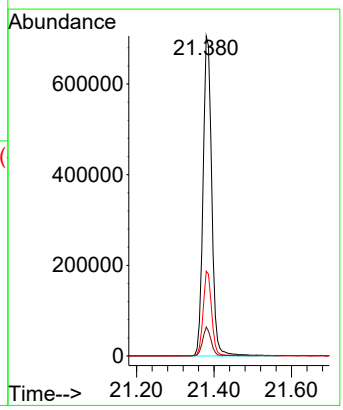


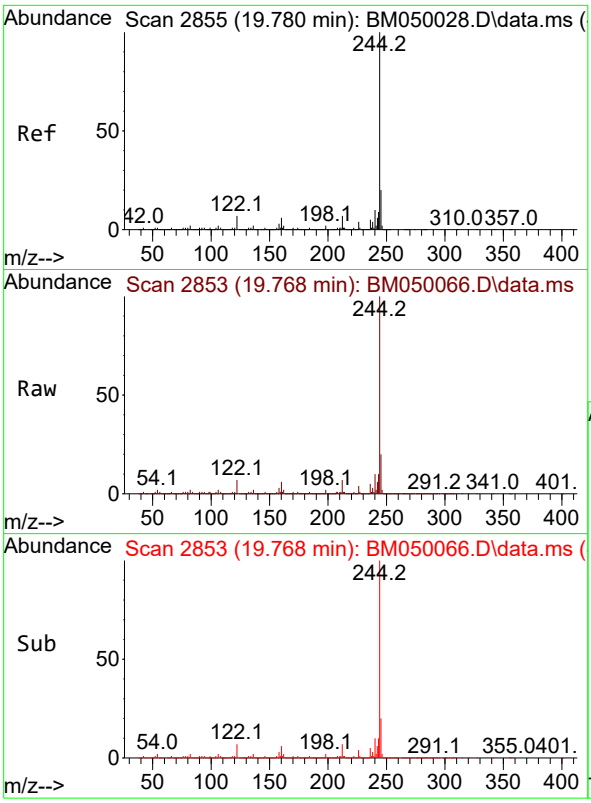


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.017 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

Tgt Ion:240 Resp: 1100864

Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.5	9.7
236	26.5	20.9	31.3



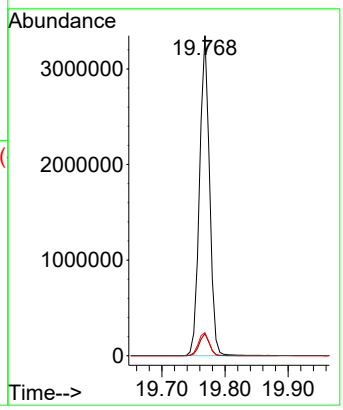


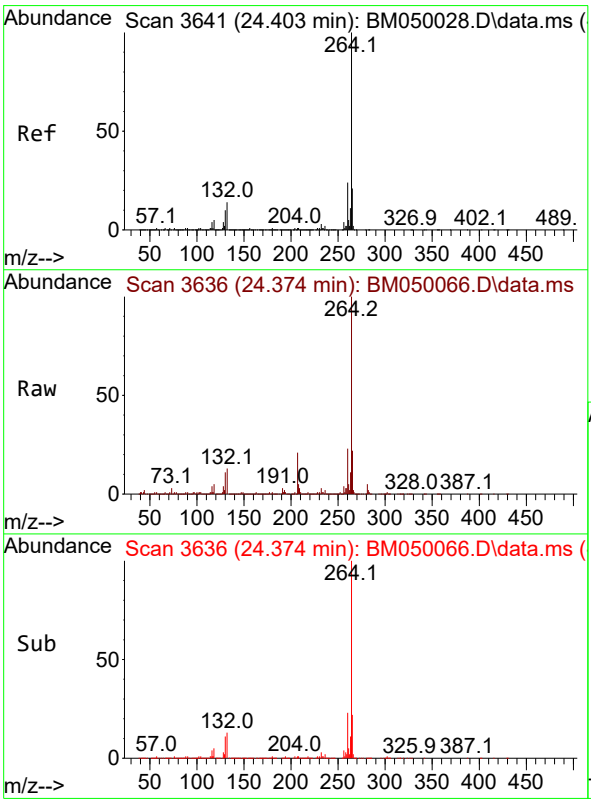
#79
Terphenyl-d14
Concen: 49.372 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

Instrument :
BNA_M
ClientSampleId :
SS-1

Tgt Ion:244 Resp: 3673095

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	7.1	5.6	8.4

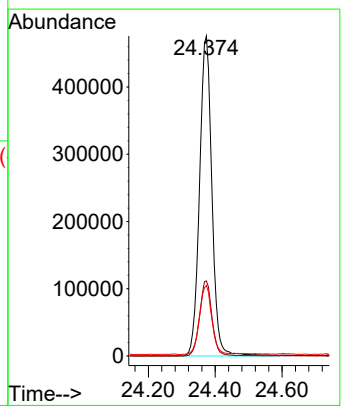




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.030 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

Tgt Ion:264 Resp: 1221356

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	22.0	17.0	25.4



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-91	SDG No.:	Q1914
Lab Sample ID:	Q1914-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.5
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050067.D	1	04/30/25 11:00	05/01/25 16:44	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	200	U	26.2	200	ug/Kg
208-96-8	Acenaphthylene	200	U	33.4	200	ug/Kg
83-32-9	Acenaphthene	200	U	24.6	200	ug/Kg
86-73-7	Fluorene	200	U	29.2	200	ug/Kg
85-01-8	Phenanthrene	200	U	24.1	200	ug/Kg
120-12-7	Anthracene	200	U	38.5	200	ug/Kg
206-44-0	Fluoranthene	82.5	J	34.7	200	ug/Kg
129-00-0	Pyrene	200	U	41.6	200	ug/Kg
56-55-3	Benzo(a)anthracene	200	U	26.6	200	ug/Kg
218-01-9	Chrysene	200	U	23.0	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	200	U	22.0	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	U	25.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	200	U	34.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200	U	33.6	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200	U	31.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200	U	29.7	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	81.8		18 - 107	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.3		20 - 109	77%	SPK: 100
1718-51-0	Terphenyl-d14	79.8		10 - 105	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	241000	7.745			
1146-65-2	Naphthalene-d8	827000	10.539			
15067-26-2	Acenaphthene-d10	543000	14.392			
1517-22-2	Phenanthrene-d10	1080000	17.139			
1719-03-5	Chrysene-d12	1170000	21.38			
1520-96-3	Perylene-d12	1280000	24.374			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-91	SDG No.:	Q1914
Lab Sample ID:	Q1914-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.5
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050067.D	1	04/30/25 11:00	05/01/25 16:44	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050067.D
Acq On : 01 May 2025 16:44
Operator : RC/JU
Sample : Q1914-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-91

Quant Time: May 01 18:06:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

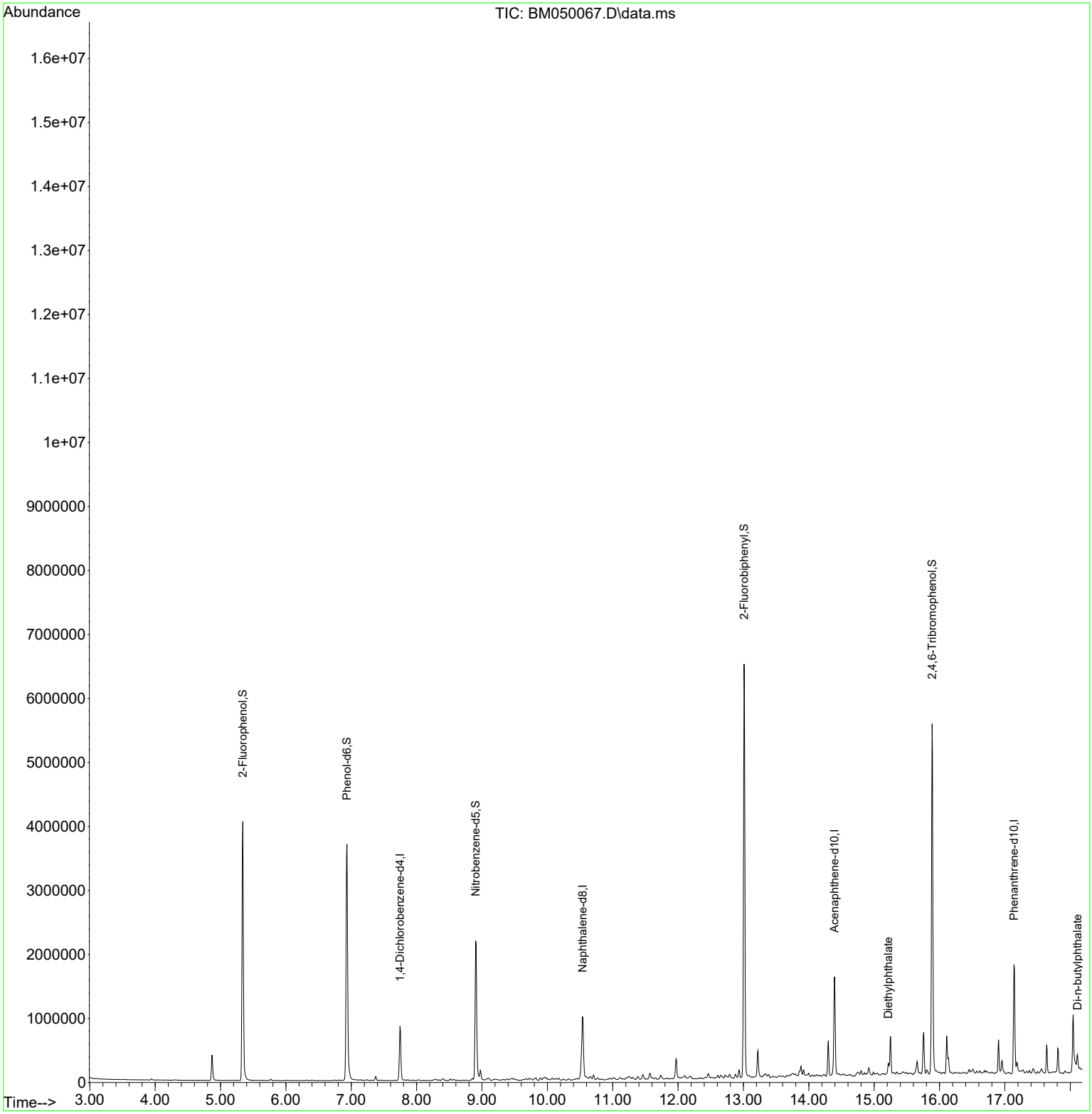
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	241297	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	826545	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	542720	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1075472	20.000	ng	-0.02
76) Chrysene-d12	21.380	240	1169707	20.000	ng	-0.02
86) Perylene-d12	24.374	264	1275485	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1842545	133.712	ng	-0.02
7) Phenol-d6	6.934	99	2344634	135.375	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1372632	81.833	ng	-0.02
42) 2,4,6-Tribromophenol	15.886	330	1143242	142.463	ng	-0.02
45) 2-Fluorobiphenyl	13.010	172	3546344	77.301	ng	-0.02
79) Terphenyl-d14	19.768	244	6306366	79.779	ng	-0.01
Target Compounds						Qvalue
60) Diethylphthalate	15.215	149	137565	3.681	ng	98
74) Di-n-butylphthalate	18.109	149	225196	3.550	ng	99
75) Fluoranthene	19.203	202	152568	2.142	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050067.D
Acq On : 01 May 2025 16:44
Operator : RC/JU
Sample : Q1914-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-91

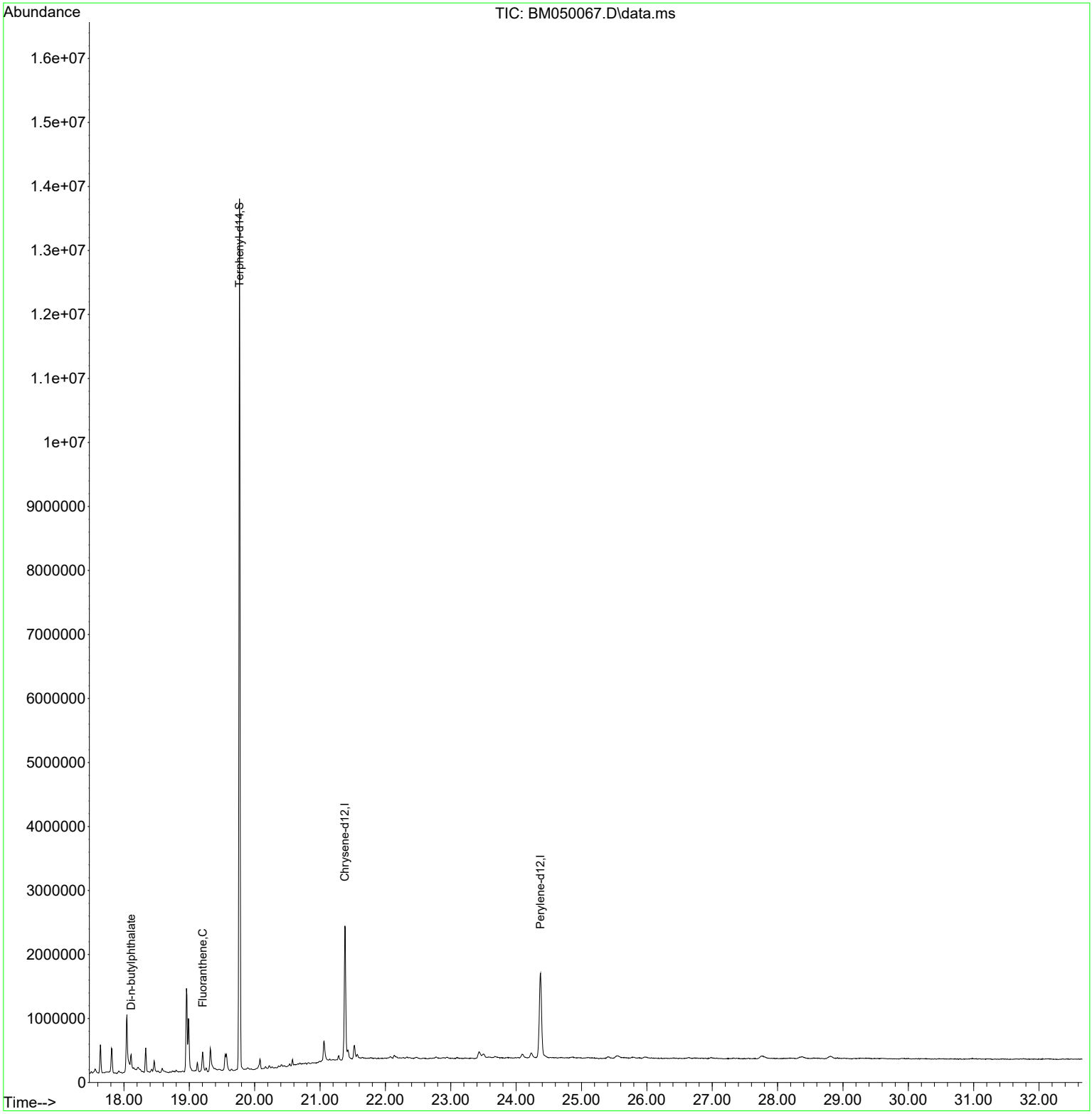
Quant Time: May 01 18:06:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

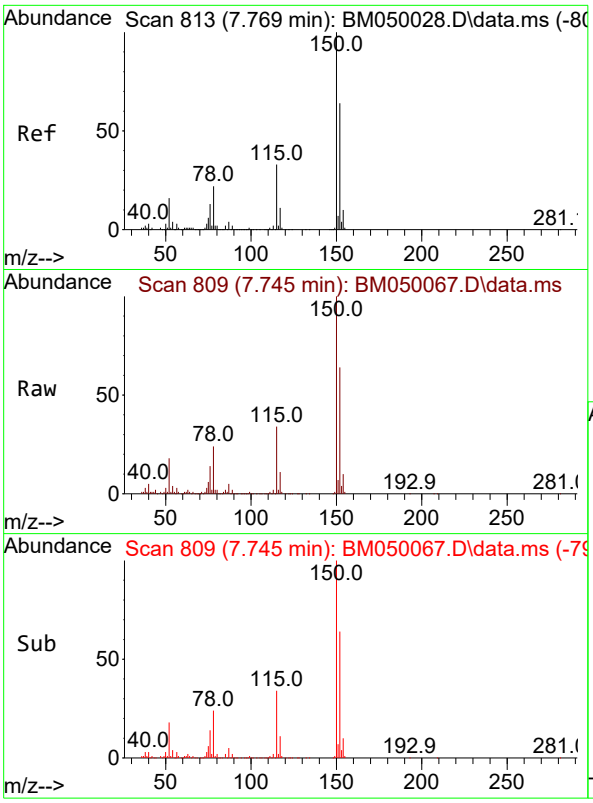


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050067.D
Acq On : 01 May 2025 16:44
Operator : RC/JU
Sample : Q1914-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-91

Quant Time: May 01 18:06:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



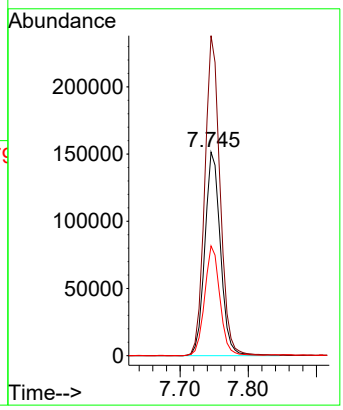


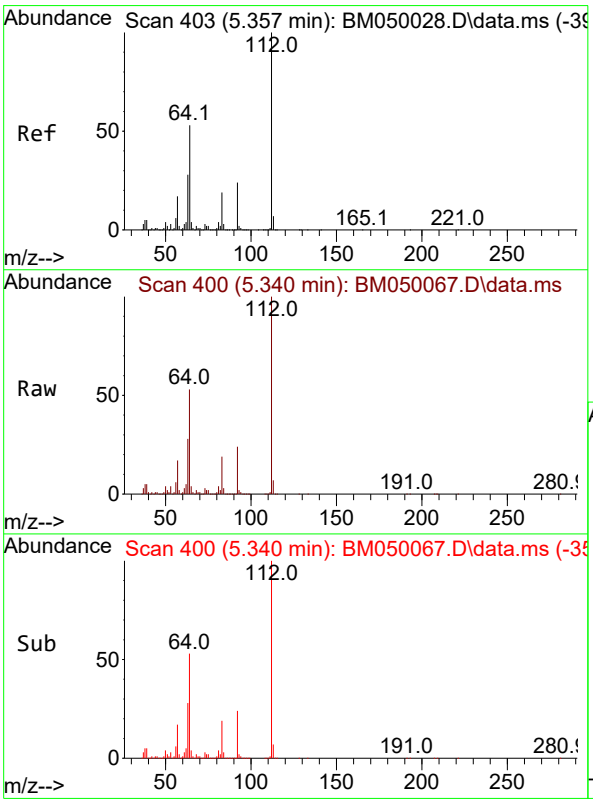
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

Instrument :
BNA_M
ClientSampleId :
SS-91

Tgt Ion:152 Resp: 241297

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.1	186.1
115	53.9	41.2	61.8

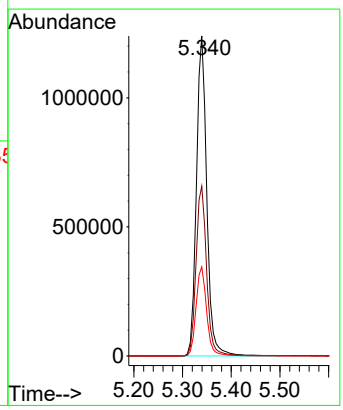


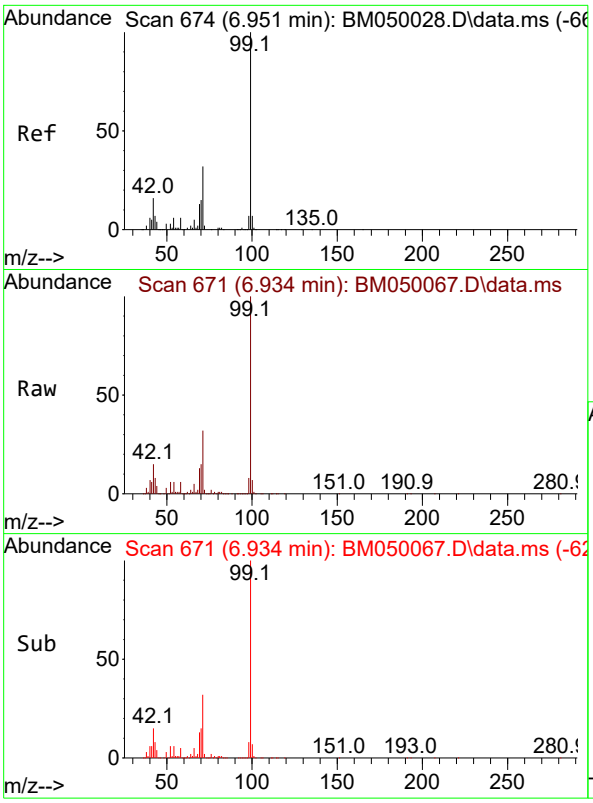


#5
2-Fluorophenol
Concen: 133.712 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

Tgt Ion:112 Resp: 1842545

Ion	Ratio	Lower	Upper
112	100		
64	53.1	42.6	64.0
63	27.8	22.2	33.4



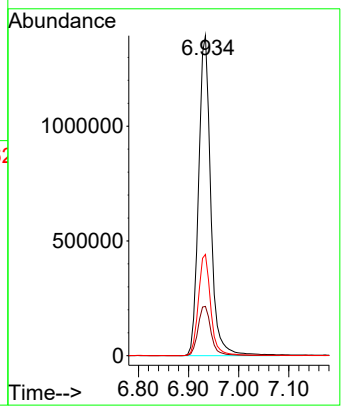


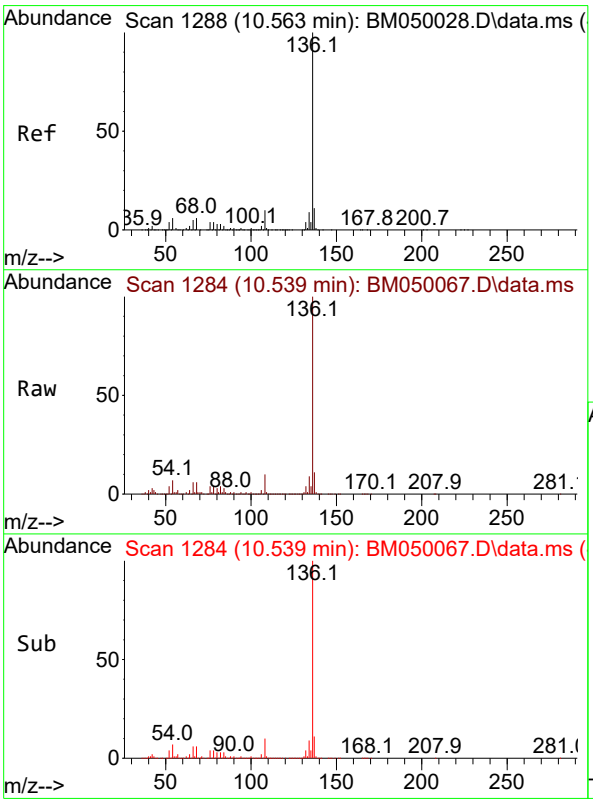
#7
Phenol-d6
Concen: 135.375 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

Instrument :
BNA_M
ClientSampleId :
SS-91

Tgt Ion: 99 Resp: 2344634

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.0	19.4
71	31.6	25.6	38.4

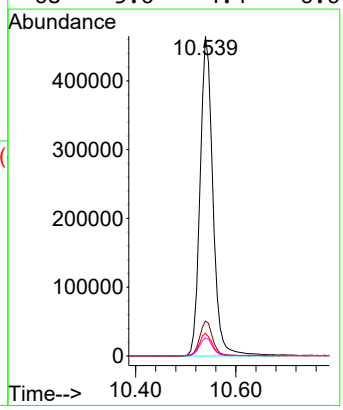


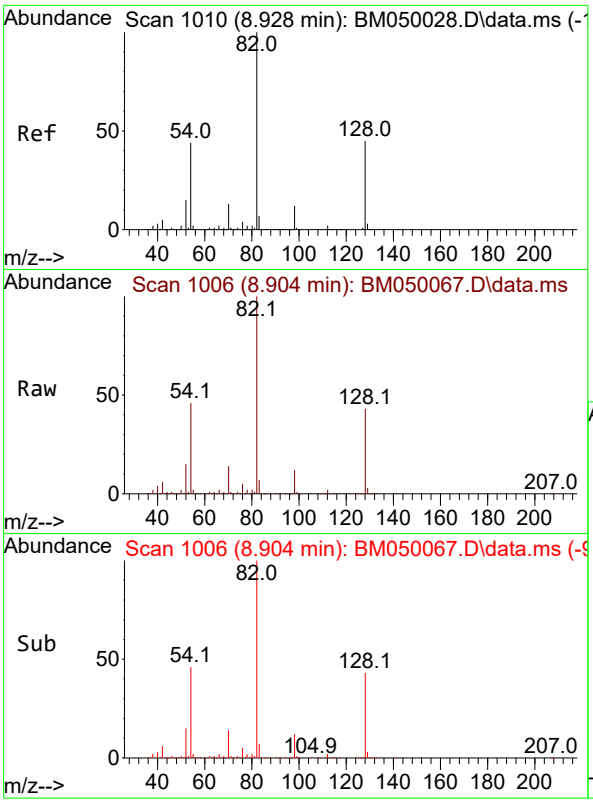


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

Tgt Ion:136 Resp: 826545

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.1	5.1	7.7
68	5.6	4.4	6.6



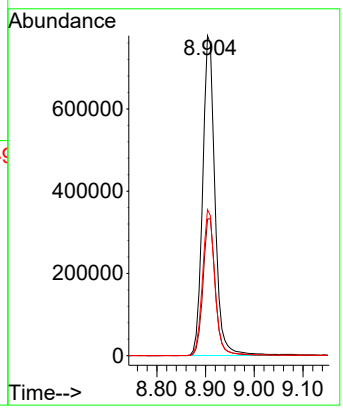


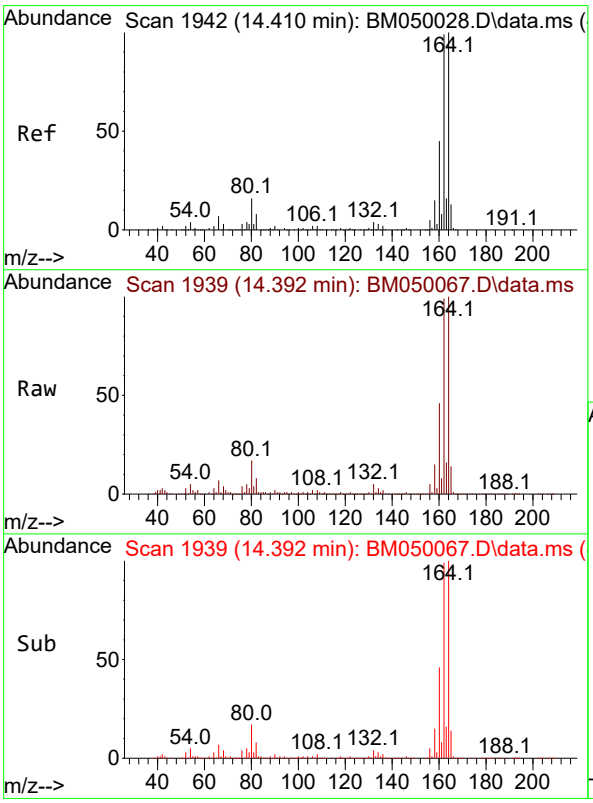
#23
Nitrobenzene-d5
Concen: 81.833 ng
RT: 8.904 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

Instrument :
BNA_M
ClientSampleId :
SS-91

Tgt Ion: 82 Resp: 1372632

Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.7	53.5
54	45.6	35.4	53.2

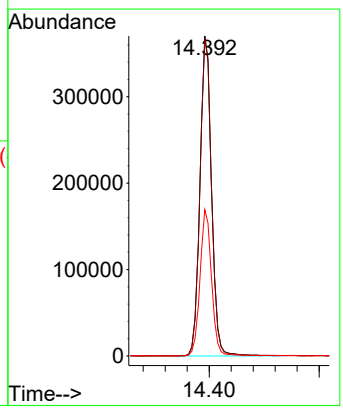


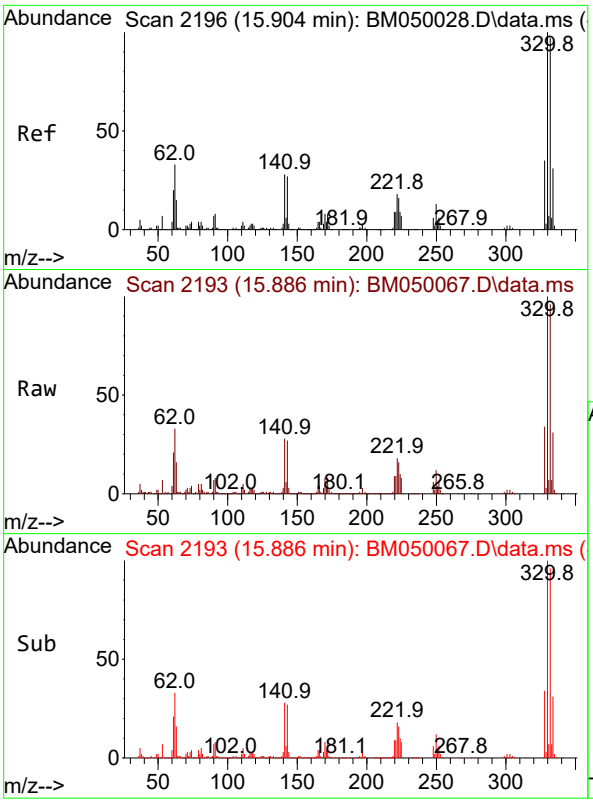


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

Tgt Ion:164 Resp: 542720

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.4	119.0
160	45.7	36.2	54.4



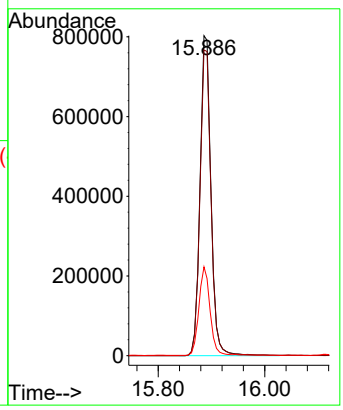


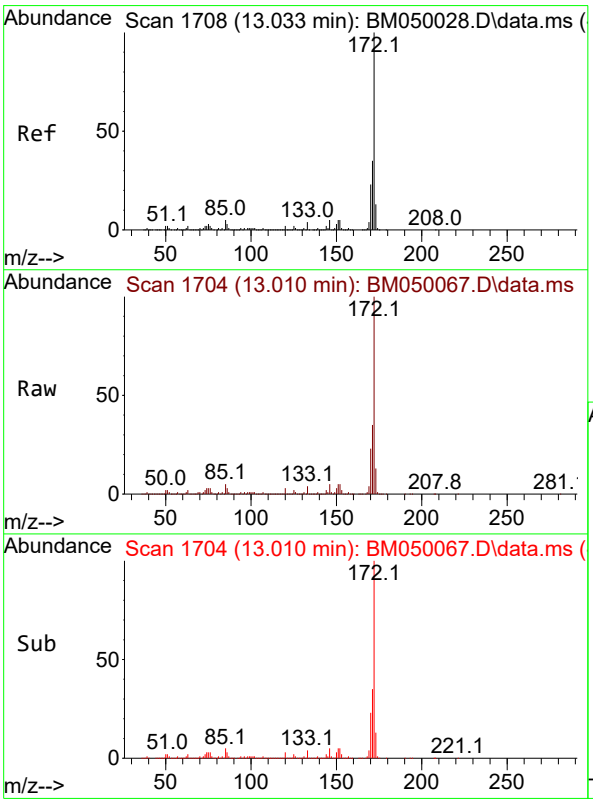
#42
2,4,6-Tribromophenol
Concen: 142.463 ng
RT: 15.886 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

Instrument :
BNA_M
ClientSampleId :
SS-91

Tgt Ion:330 Resp: 1143242

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	28.4	22.5	33.7

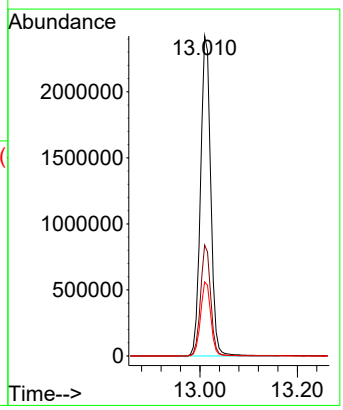


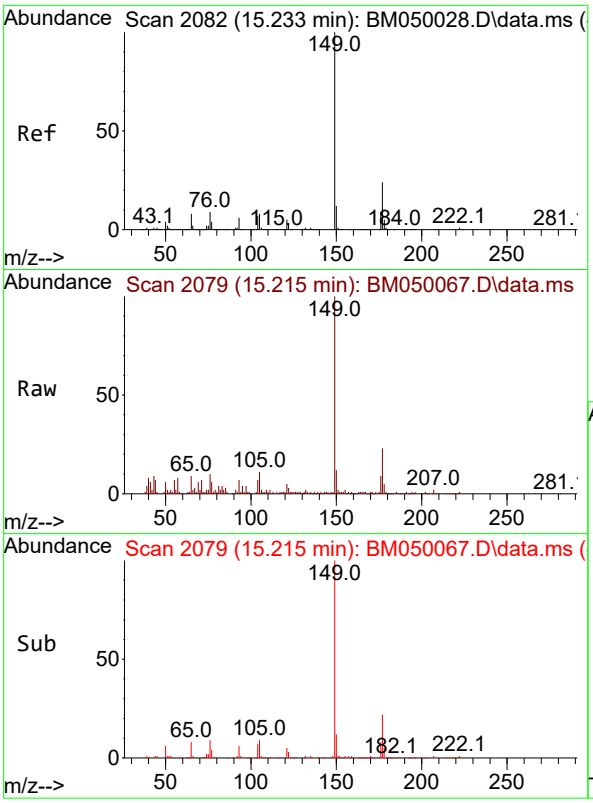


#45
2-Fluorobiphenyl
Concen: 77.301 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

Tgt Ion:172 Resp: 3546344

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.2	18.6	28.0



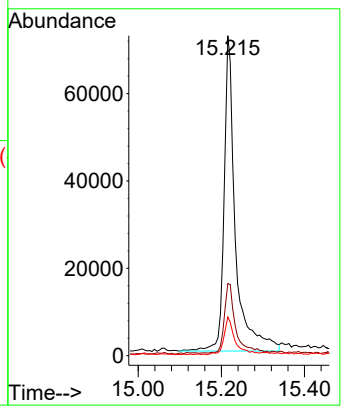


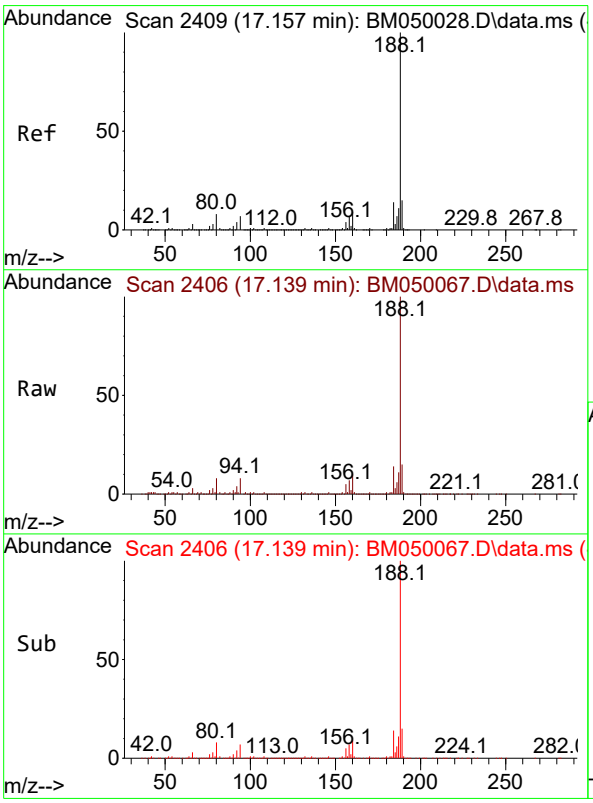
#60
Diethylphthalate
Concen: 3.681 ng
RT: 15.215 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

Instrument :
BNA_M
ClientSampleId :
SS-91

Tgt Ion:149 Resp: 137565

Ion	Ratio	Lower	Upper
149	100		
177	22.5	19.1	28.7
150	12.1	9.6	14.4

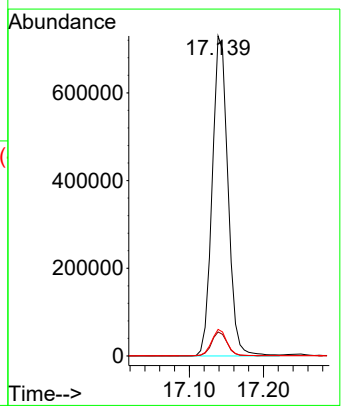


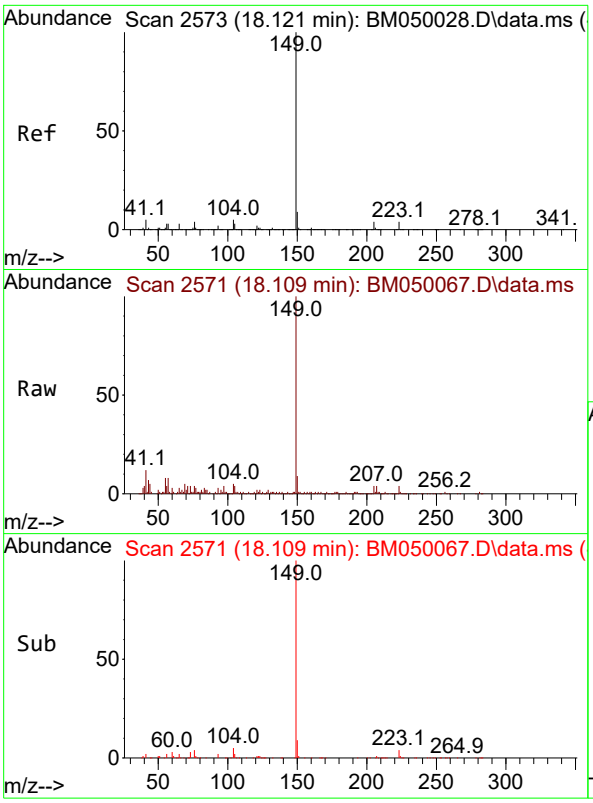


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.018 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

Tgt Ion:188 Resp: 1075472

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.7	8.5
80	8.3	6.2	9.4



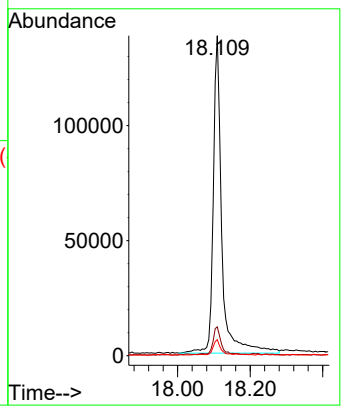


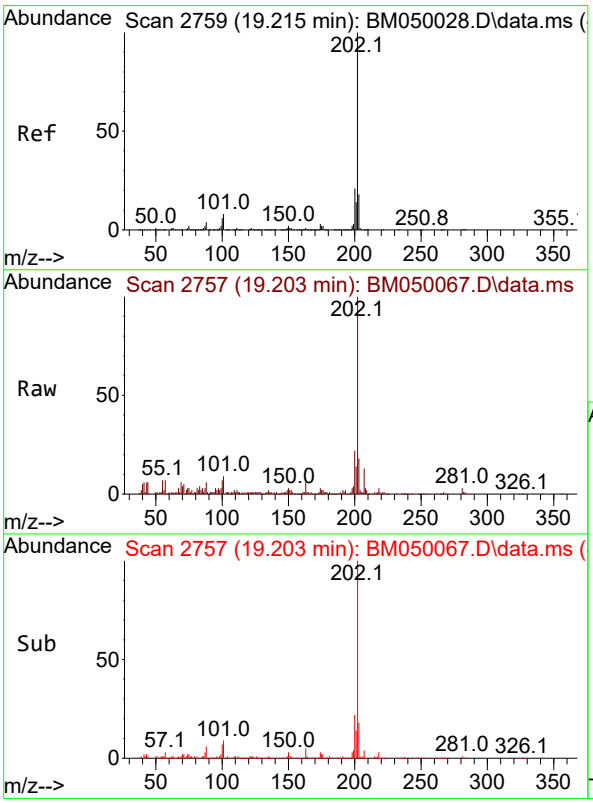
#74
Di-n-butylphthalate
Concen: 3.550 ng
RT: 18.109 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

Instrument :
BNA_M
ClientSampleId :
SS-91

Tgt Ion:149 Resp: 225196

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	5.0	3.8	5.6

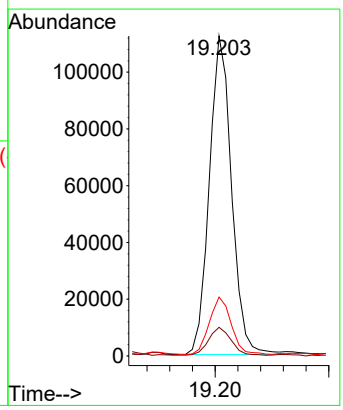


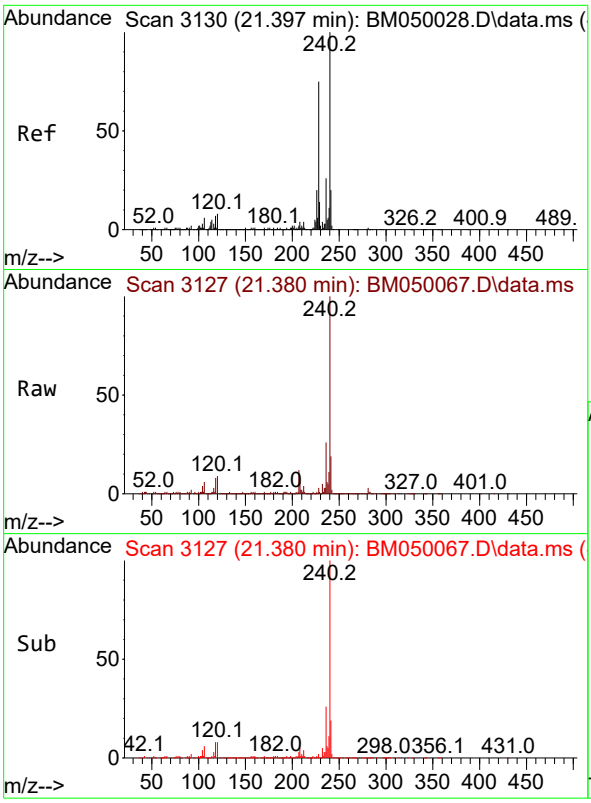


#75
Fluoranthene
Concen: 2.142 ng
RT: 19.203 min Scan# 2757
Delta R.T. -0.012 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

Tgt Ion:202 Resp: 152568

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	28.0
203	18.4	0.0	37.7



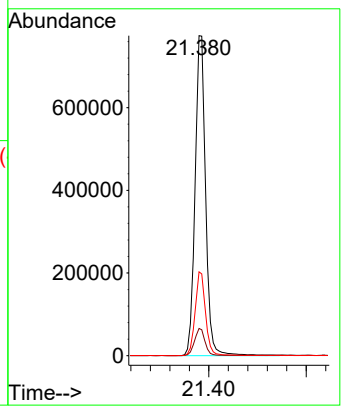


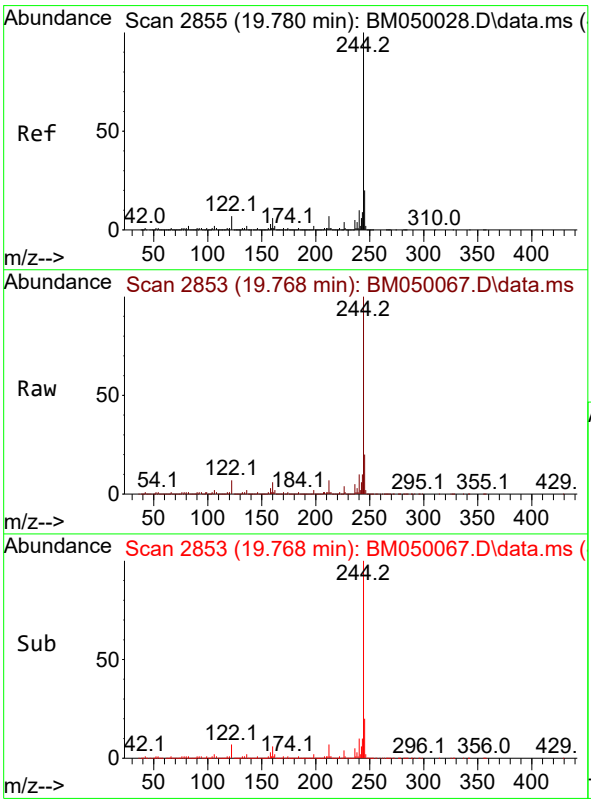
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3
Delta R.T. -0.017 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

Instrument :
BNA_M
ClientSampleId :
SS-91

Tgt Ion:240 Resp: 1169707

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.5	9.7
236	26.2	20.9	31.3

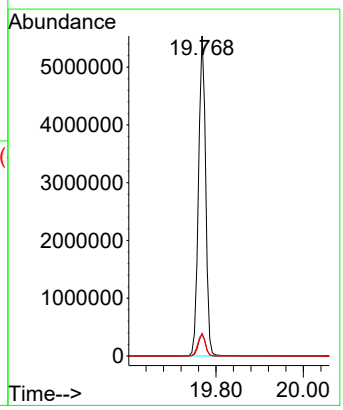


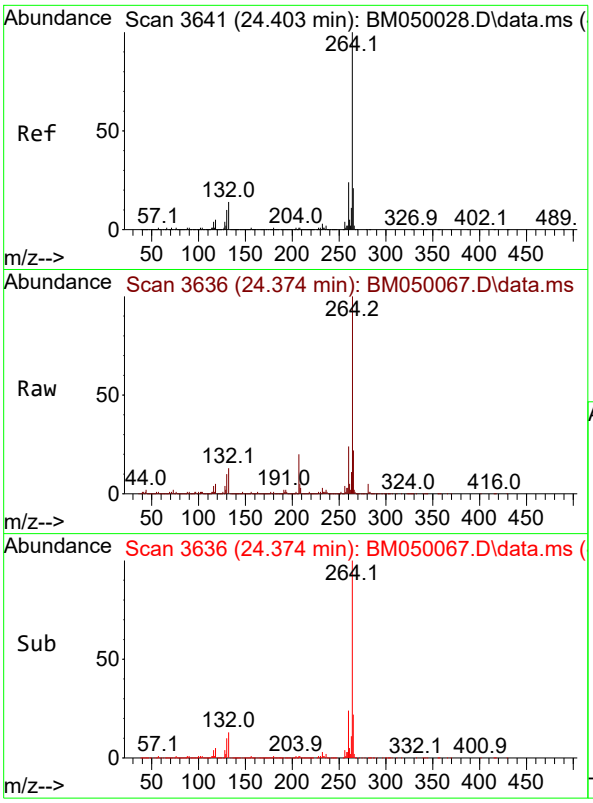


#79
Terphenyl-d14
Concen: 79.779 ng
RT: 19.768 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

Tgt Ion:244 Resp: 6306366

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	6.9	5.6	8.4



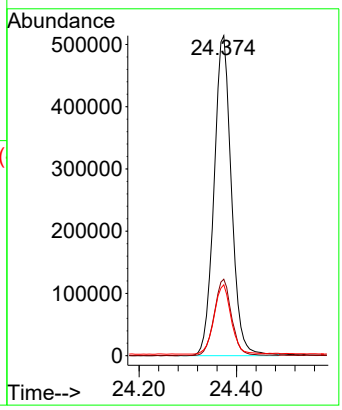


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3
Delta R.T. -0.030 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

Instrument :
BNA_M
ClientSampleId :
SS-91

Tgt Ion:264 Resp: 1275485

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	22.1	17.0	25.4



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-2	SDG No.:	Q1914
Lab Sample ID:	Q1914-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050071.D	1	04/30/25 11:00	05/01/25 19:20	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	200	U	26.9	200	ug/Kg
208-96-8	Acenaphthylene	200	U	34.3	200	ug/Kg
83-32-9	Acenaphthene	200	U	25.3	200	ug/Kg
86-73-7	Fluorene	200	U	30.0	200	ug/Kg
85-01-8	Phenanthrene	90.7	J	24.8	200	ug/Kg
120-12-7	Anthracene	200	U	39.5	200	ug/Kg
206-44-0	Fluoranthene	190	J	35.6	200	ug/Kg
129-00-0	Pyrene	180	J	42.7	200	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	27.3	200	ug/Kg
218-01-9	Chrysene	110	J	23.6	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	22.6	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	U	26.6	200	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	35.0	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200	U	34.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200	U	32.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	96.5	J	30.5	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	42.7		18 - 107	43%	SPK: 100
321-60-8	2-Fluorobiphenyl	37.5		20 - 109	38%	SPK: 100
1718-51-0	Terphenyl-d14	38.2		10 - 105	38%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	276000	7.745			
1146-65-2	Naphthalene-d8	998000	10.539			
15067-26-2	Acenaphthene-d10	689000	14.392			
1517-22-2	Phenanthrene-d10	1450000	17.139			
1719-03-5	Chrysene-d12	1430000	21.38			
1520-96-3	Perylene-d12	1490000	24.374			

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-2	SDG No.:	Q1914
Lab Sample ID:	Q1914-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050071.D	1	04/30/25 11:00	05/01/25 19:20	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050071.D
Acq On : 01 May 2025 19:20
Operator : RC/JU
Sample : Q1914-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-2

Quant Time: May 02 01:11:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

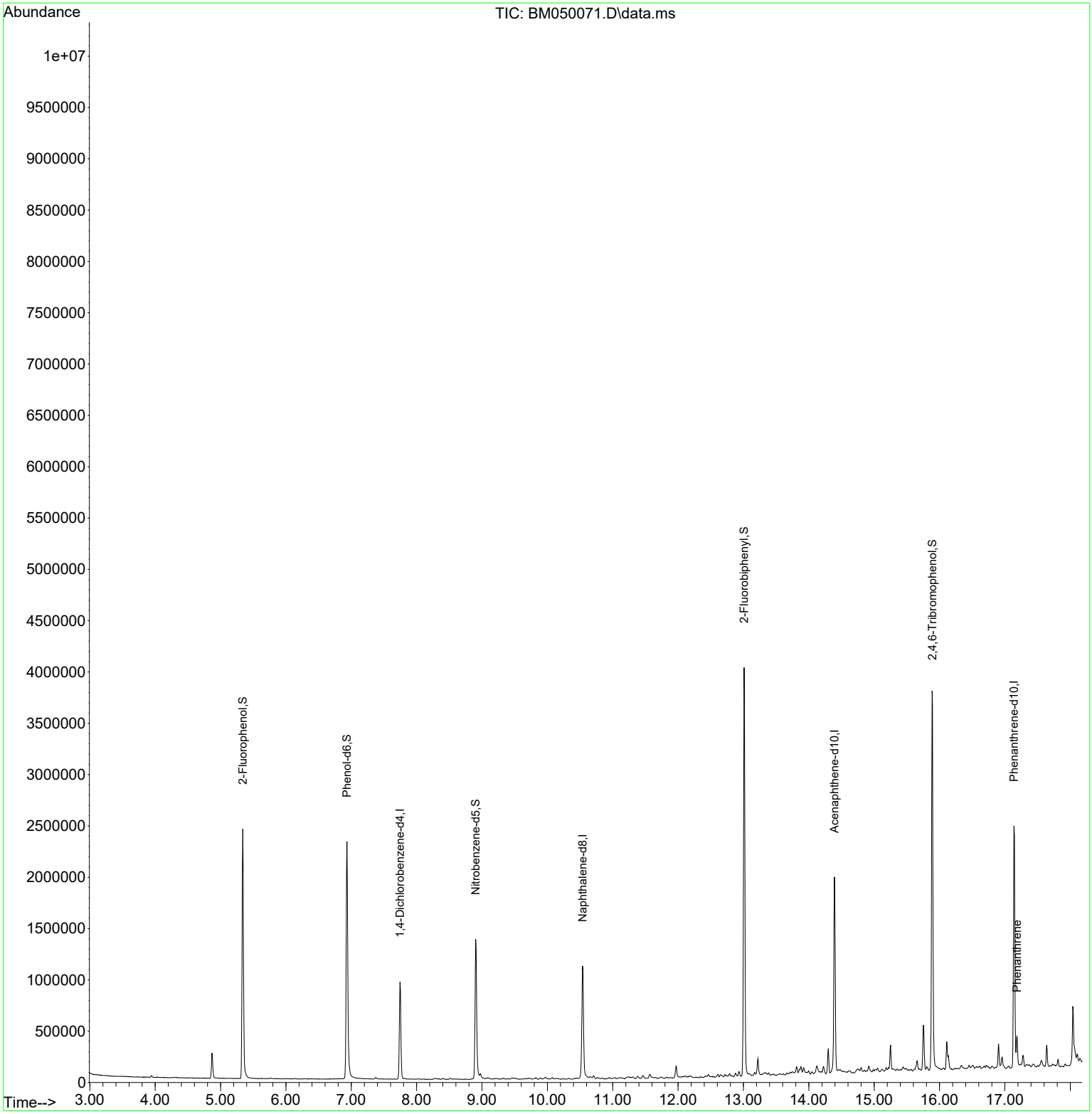
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.745	152	275696	20.000	ng		-0.02
21) Naphthalene-d8	10.539	136	997778	20.000	ng		-0.02
39) Acenaphthene-d10	14.392	164	688876	20.000	ng		-0.02
64) Phenanthrene-d10	17.139	188	1445780	20.000	ng		-0.02
76) Chrysene-d12	21.380	240	1428816	20.000	ng		-0.02
86) Perylene-d12	24.374	264	1491423	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	1125564	71.490	ng		-0.02
7) Phenol-d6	6.934	99	1499693	75.785	ng		-0.02
23) Nitrobenzene-d5	8.904	82	864568	42.698	ng		-0.02
42) 2,4,6-Tribromophenol	15.892	330	778733	76.452	ng		-0.01
45) 2-Fluorobiphenyl	13.010	172	2185694	37.534	ng		-0.02
79) Terphenyl-d14	19.768	244	3685825	38.172	ng		-0.01
Target Compounds							Qvalue
71) Phenanthrene	17.186	178	186931	2.292	ng		99
75) Fluoranthene	19.204	202	452275	4.724	ng		99
78) Pyrene	19.562	202	447753	4.463	ng		98
81) Benzo(a)anthracene	21.362	228	288635	2.934	ng		97
83) Chrysene	21.427	228	263137	2.890	ng		97
88) Benzo(b)fluoranthene	23.433	252	365702	3.770	ng	#	97
90) Benzo(a)pyrene	24.227	252	274759	3.025	ng	#	95
92) Benzo(g,h,i)perylene	28.803	276	211557	2.439	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050071.D
Acq On : 01 May 2025 19:20
Operator : RC/JU
Sample : Q1914-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-2

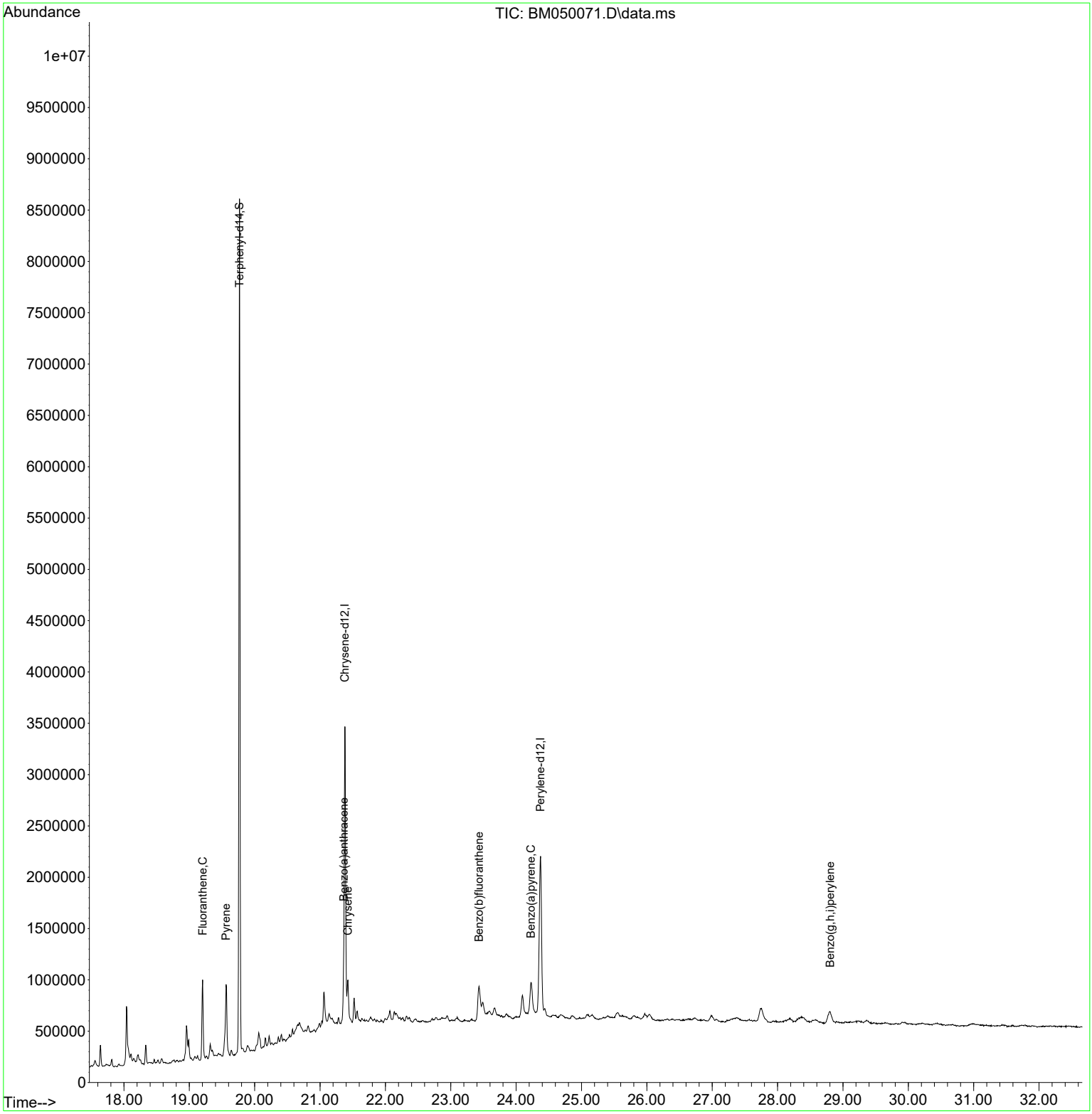
Quant Time: May 02 01:11:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

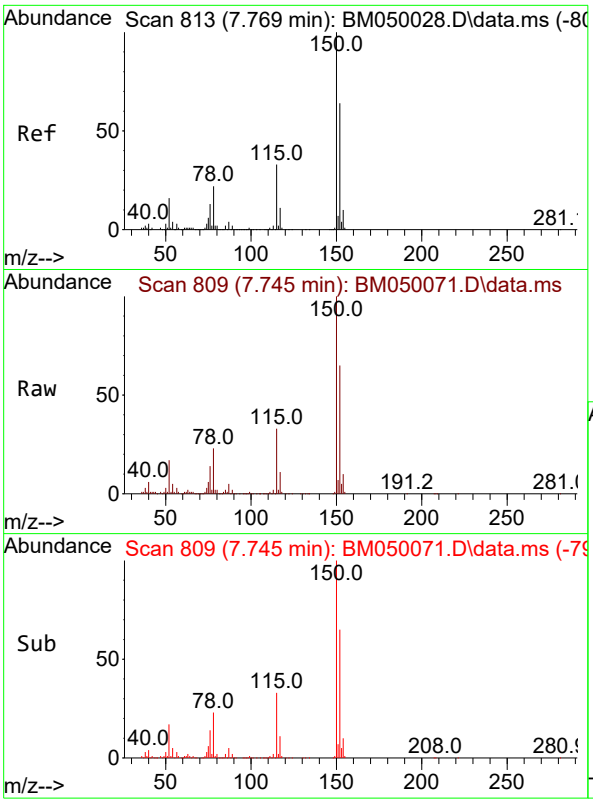


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050071.D
Acq On : 01 May 2025 19:20
Operator : RC/JU
Sample : Q1914-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-2

Quant Time: May 02 01:11:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



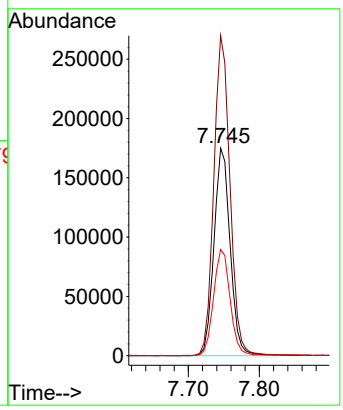


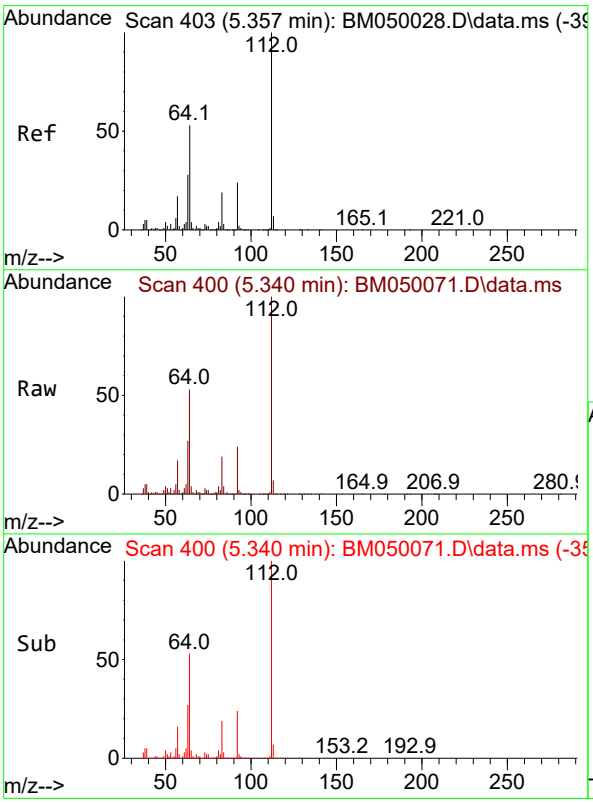
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 8
Delta R.T. -0.024 min
Lab File: BM050071.D
Acq: 01 May 2025 19:20

Instrument :
BNA_M
ClientSampleId :
SS-2

Tgt Ion:152 Resp: 275696

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.1	186.1
115	51.2	41.2	61.8

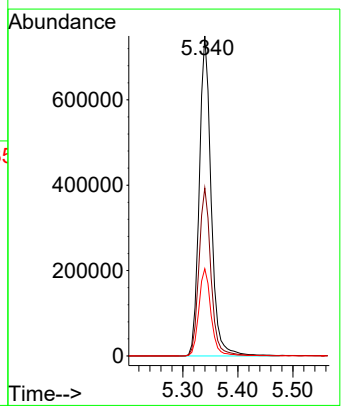


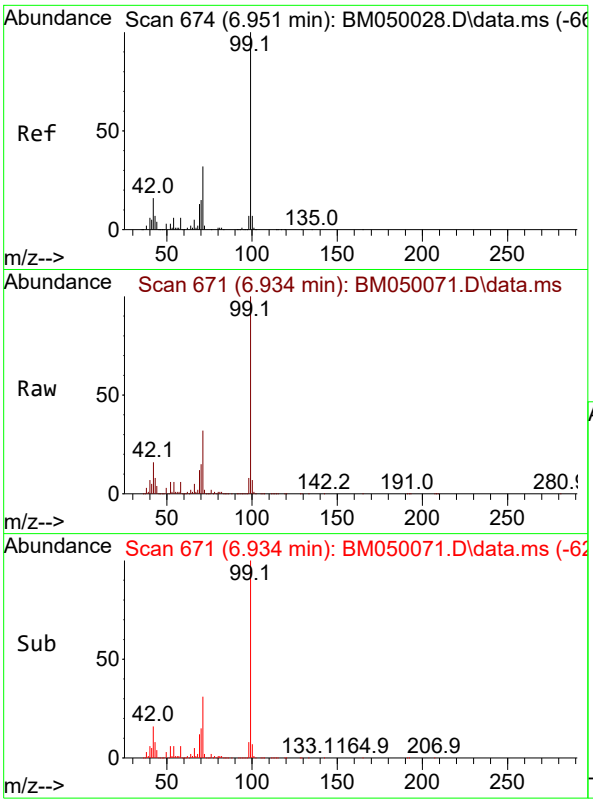


#5
2-Fluorophenol
Concen: 71.490 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050071.D
Acq: 01 May 2025 19:20

Tgt Ion:112 Resp: 1125564

Ion	Ratio	Lower	Upper
112	100		
64	52.5	42.6	64.0
63	27.2	22.2	33.4



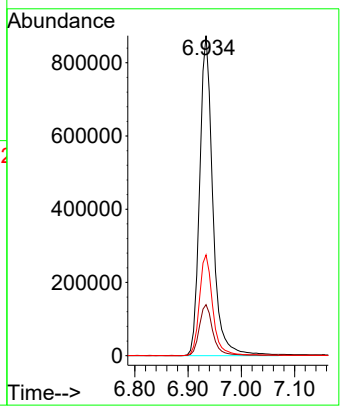


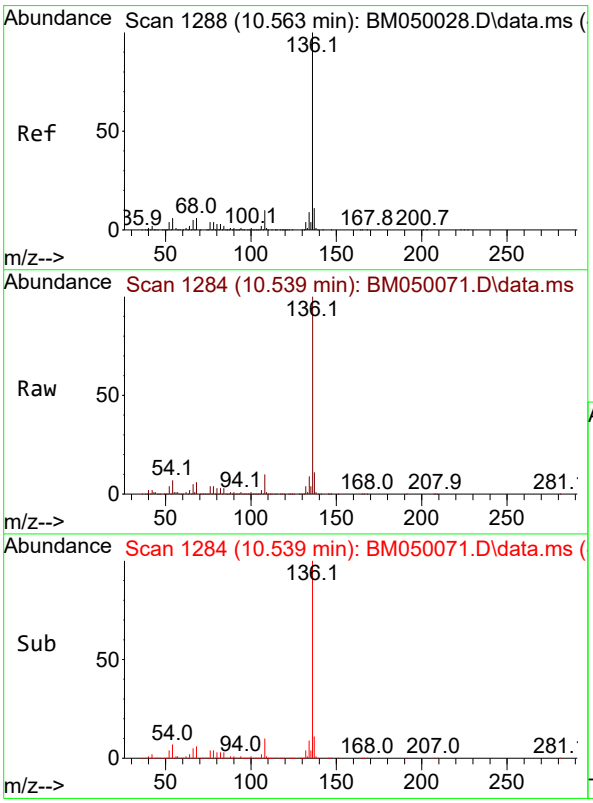
#7
Phenol-d6
Concen: 75.785 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050071.D
Acq: 01 May 2025 19:20

Instrument :
BNA_M
ClientSampleId :
SS-2

Tgt Ion: 99 Resp: 1499693

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.0	19.4
71	31.5	25.6	38.4

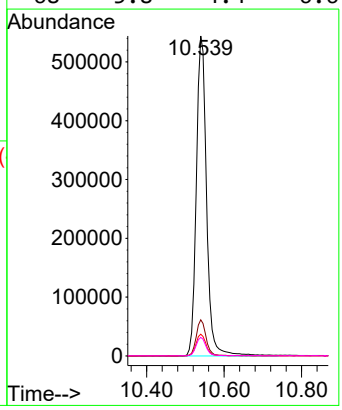


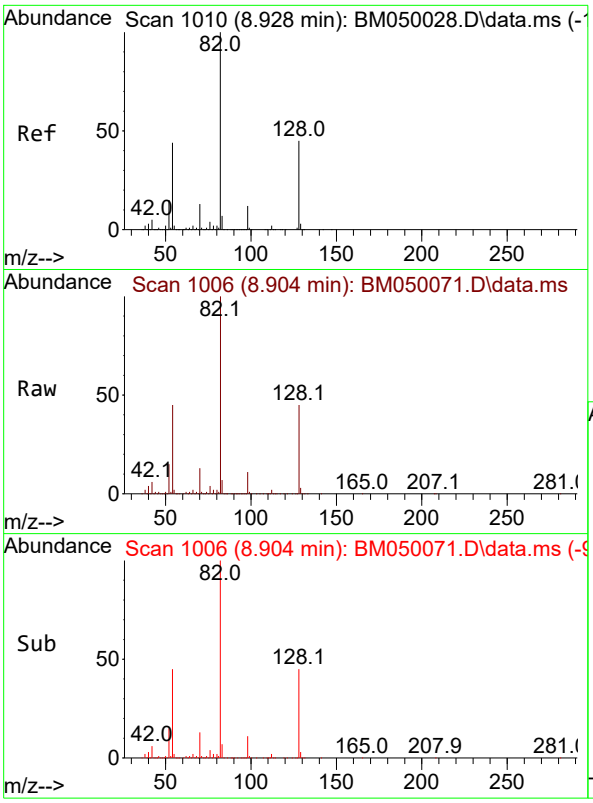


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.023 min
Lab File: BM050071.D
Acq: 01 May 2025 19:20

Tgt Ion:136 Resp: 997778

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.8	5.1	7.7
68	5.8	4.4	6.6



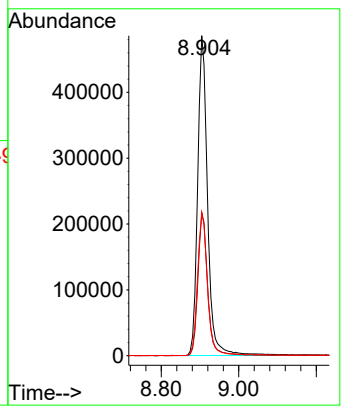


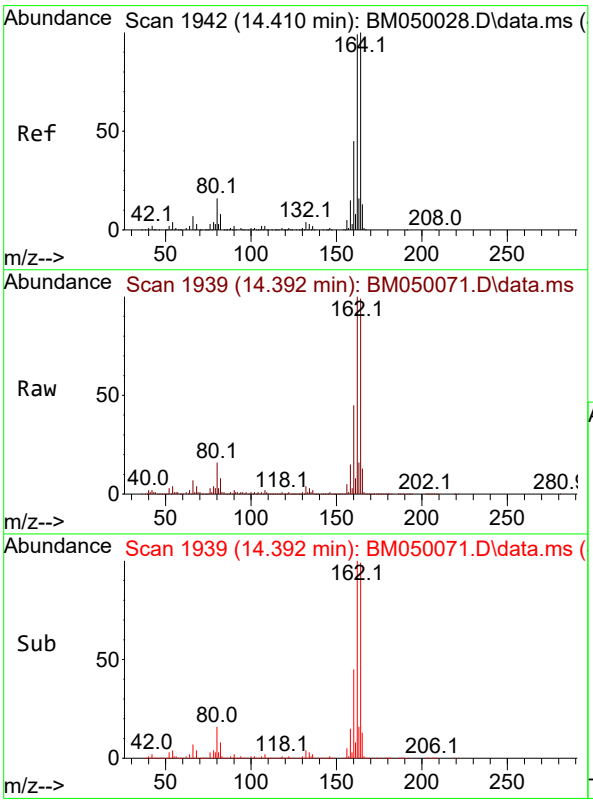
#23
Nitrobenzene-d5
Concen: 42.698 ng
RT: 8.904 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050071.D
Acq: 01 May 2025 19:20

Instrument :
BNA_M
ClientSampleId :
SS-2

Tgt Ion: 82 Resp: 864568

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.7	53.5
54	44.8	35.4	53.2

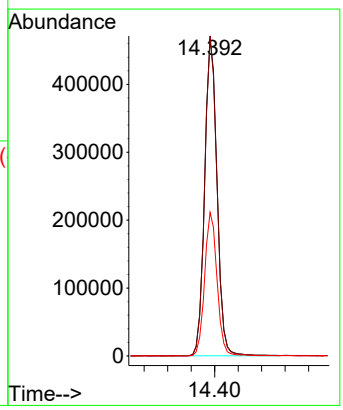


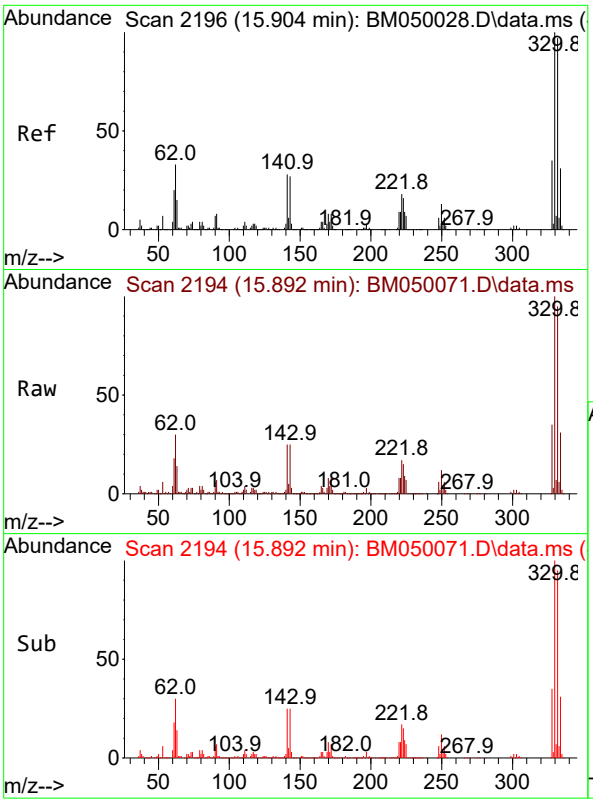


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050071.D
Acq: 01 May 2025 19:20

Tgt Ion:164 Resp: 688876

Ion	Ratio	Lower	Upper
164	100		
162	100.8	79.4	119.0
160	45.2	36.2	54.4



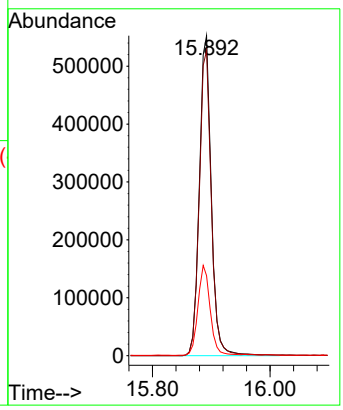


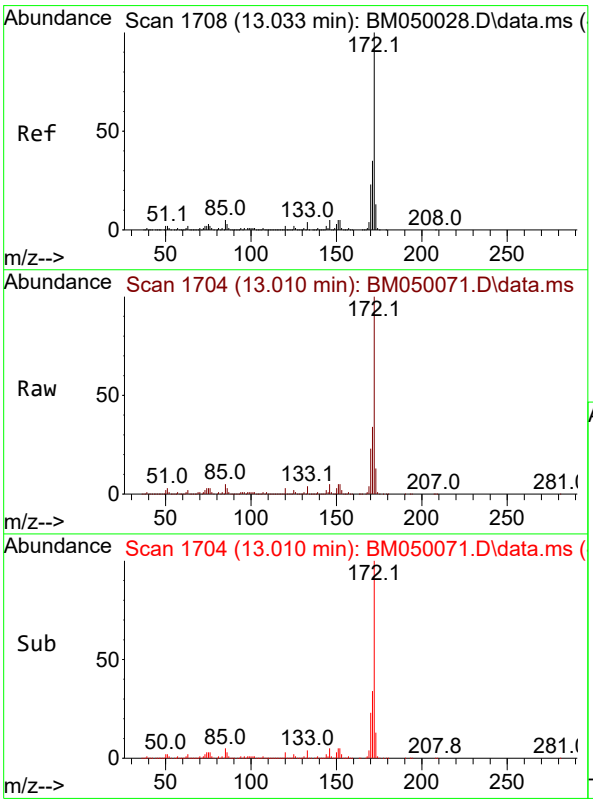
#42
2,4,6-Tribromophenol
Concen: 76.452 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050071.D
Acq: 01 May 2025 19:20

Instrument :
BNA_M
ClientSampleId :
SS-2

Tgt Ion:330 Resp: 778733

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	28.7	22.5	33.7

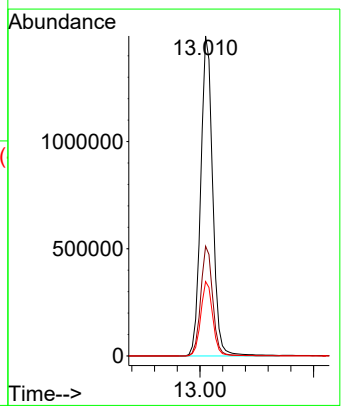


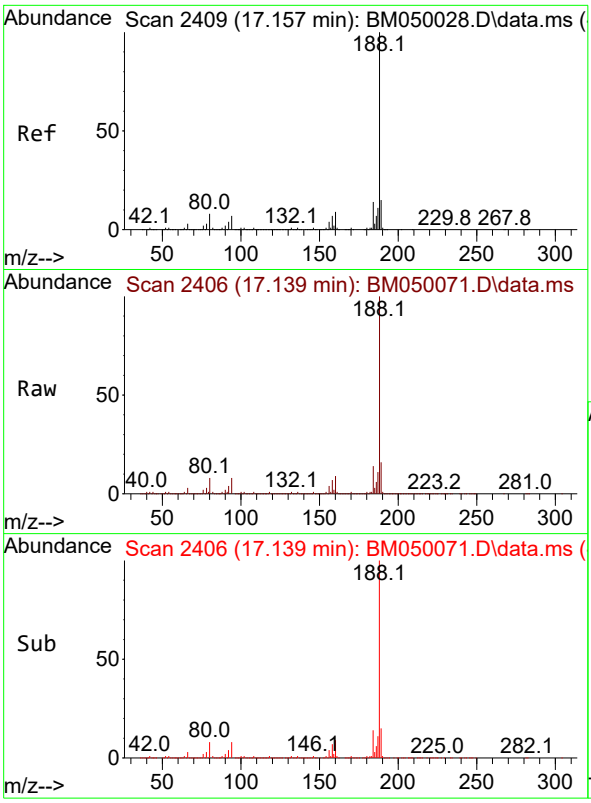


#45
2-Fluorobiphenyl
Concen: 37.534 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.023 min
Lab File: BM050071.D
Acq: 01 May 2025 19:20

Tgt Ion:172 Resp: 2185694

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.6
170	23.2	18.6	28.0



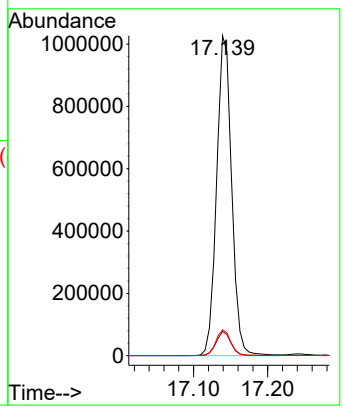


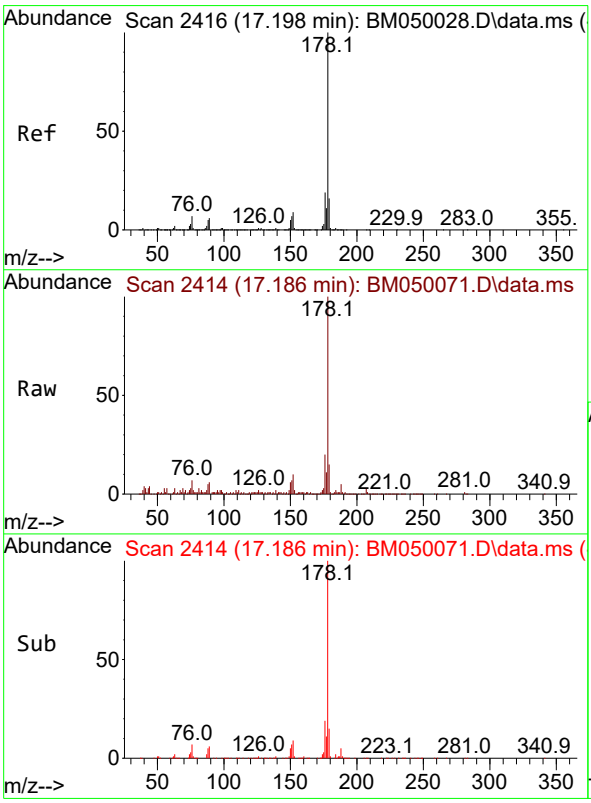
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM050071.D
Acq: 01 May 2025 19:20

Instrument :
BNA_M
ClientSampleId :
SS-2

Tgt Ion:188 Resp: 1445780

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.7	8.5
80	8.1	6.2	9.4

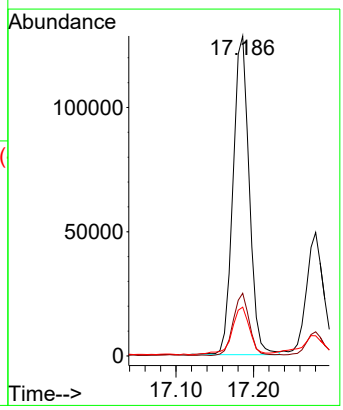


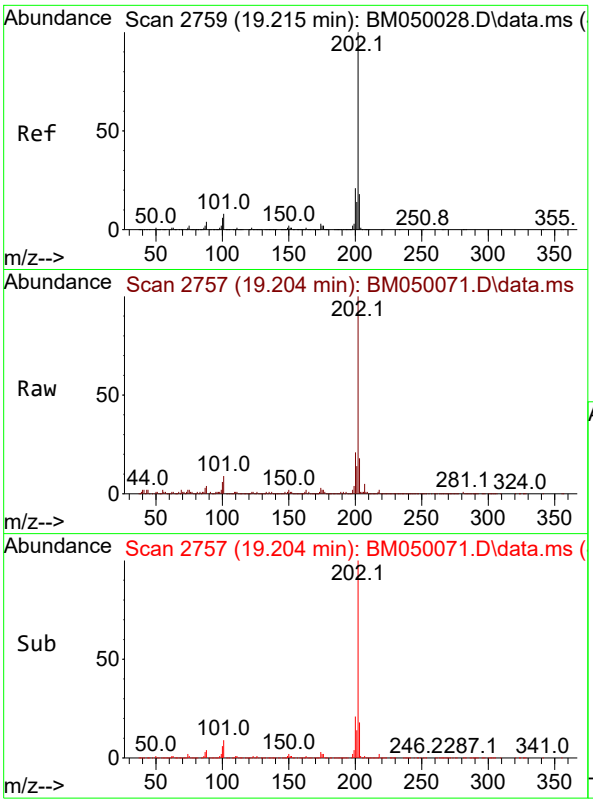


#71
Phenanthrene
Concen: 2.292 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BM050071.D
Acq: 01 May 2025 19:20

Tgt Ion:178 Resp: 186931

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.3	12.4	18.6



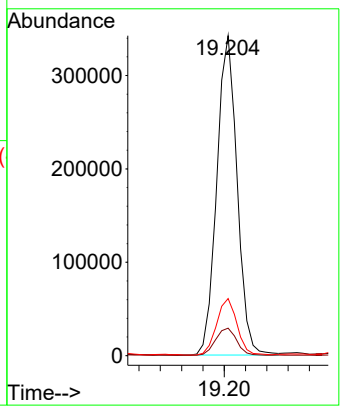


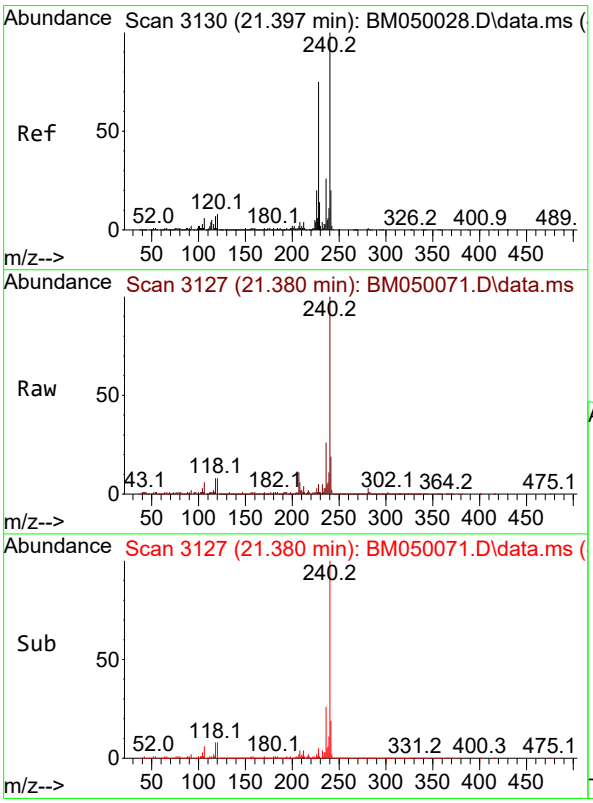
#75
Fluoranthene
Concen: 4.724 ng
RT: 19.204 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050071.D
Acq: 01 May 2025 19:20

Instrument :
BNA_M
ClientSampleId :
SS-2

Tgt Ion:202 Resp: 452275

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	28.0
203	17.9	0.0	37.7

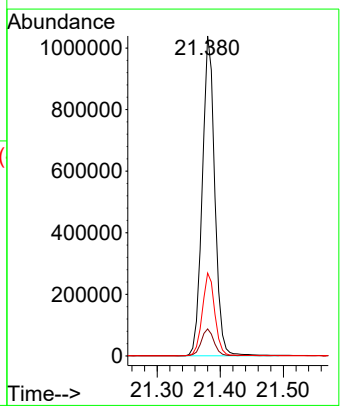


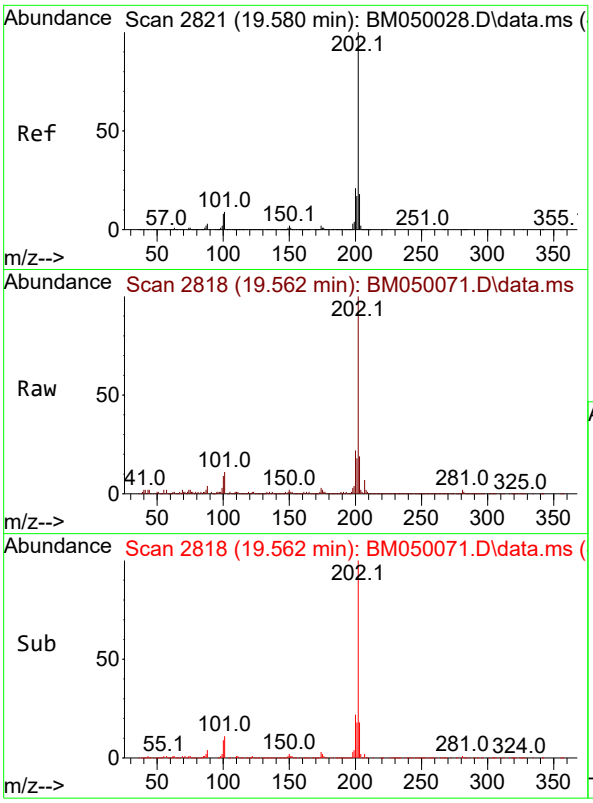


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.017 min
Lab File: BM050071.D
Acq: 01 May 2025 19:20

Tgt Ion:240 Resp: 1428816

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.5	9.7
236	25.9	20.9	31.3



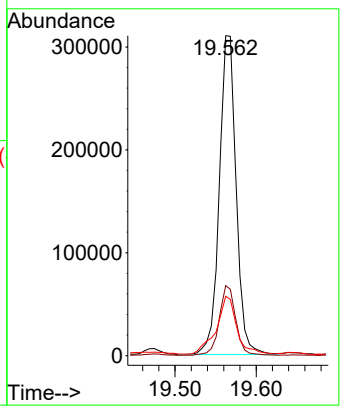


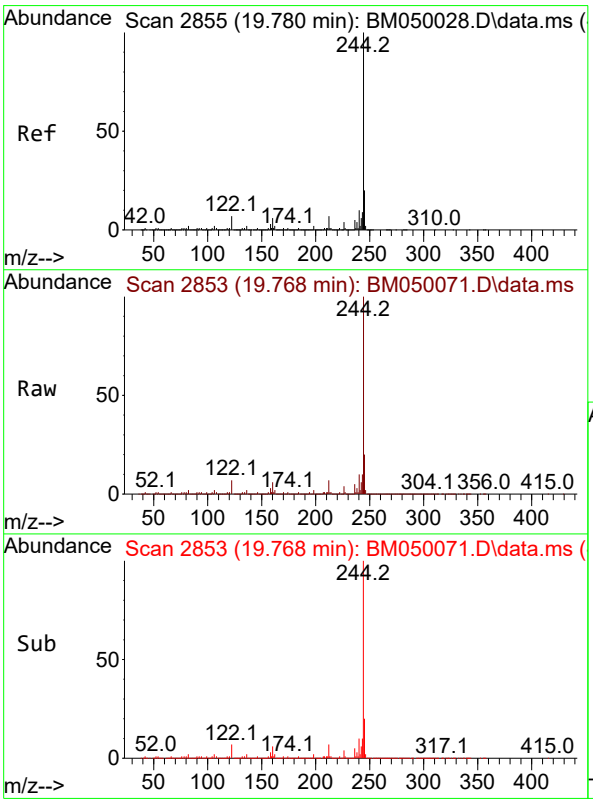
#78
Pyrene
Concen: 4.463 ng
RT: 19.562 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050071.D
Acq: 01 May 2025 19:20

Instrument :
BNA_M
ClientSampleId :
SS-2

Tgt Ion:202 Resp: 447753

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.7	25.1
203	18.5	14.1	21.1

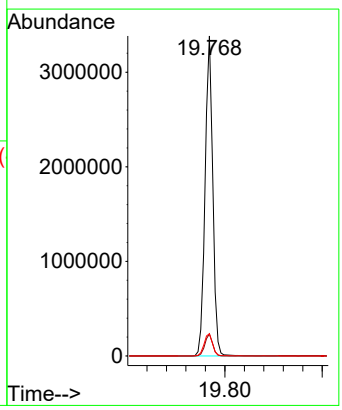


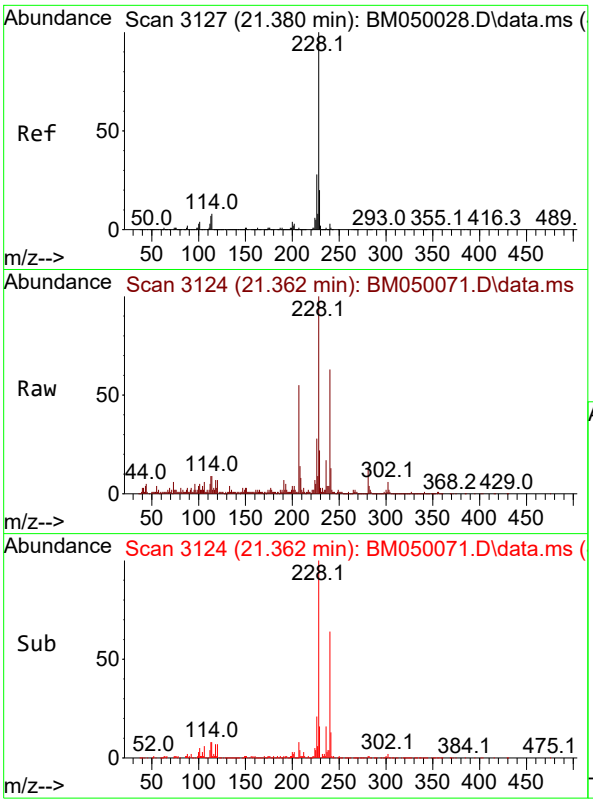


#79
Terphenyl-d14
Concen: 38.172 ng
RT: 19.768 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BM050071.D
Acq: 01 May 2025 19:20

Tgt Ion:244 Resp: 3685825

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	6.9	5.6	8.4



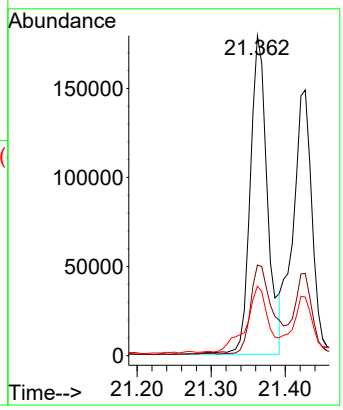


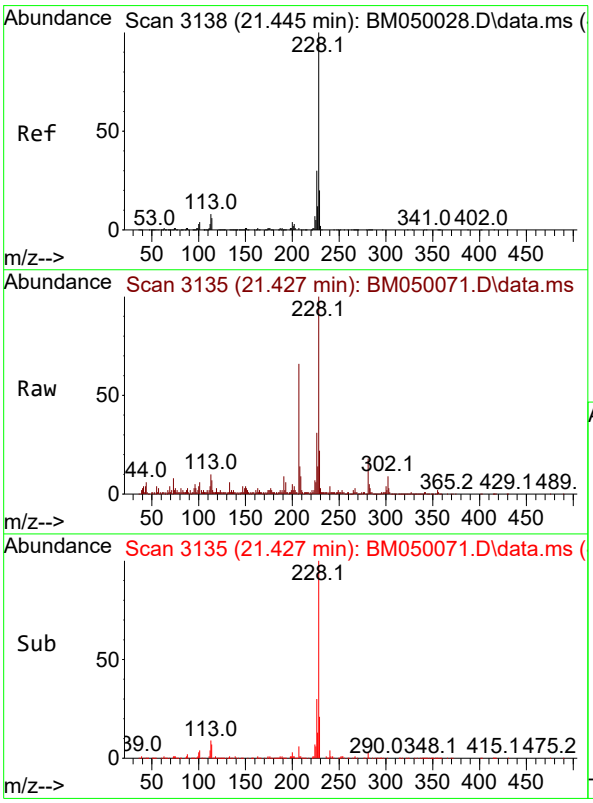
#81
Benzo(a)anthracene
Concen: 2.934 ng
RT: 21.362 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050071.D
Acq: 01 May 2025 19:20

Instrument :
BNA_M
ClientSampleId :
SS-2

Tgt Ion:228 Resp: 288635

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.1	33.1
229	21.7	15.7	23.5

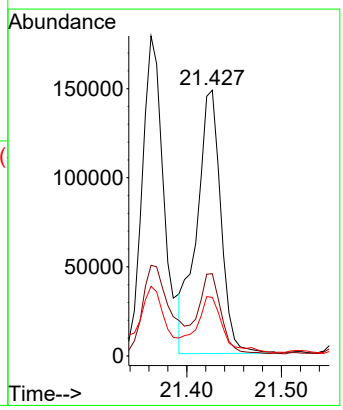


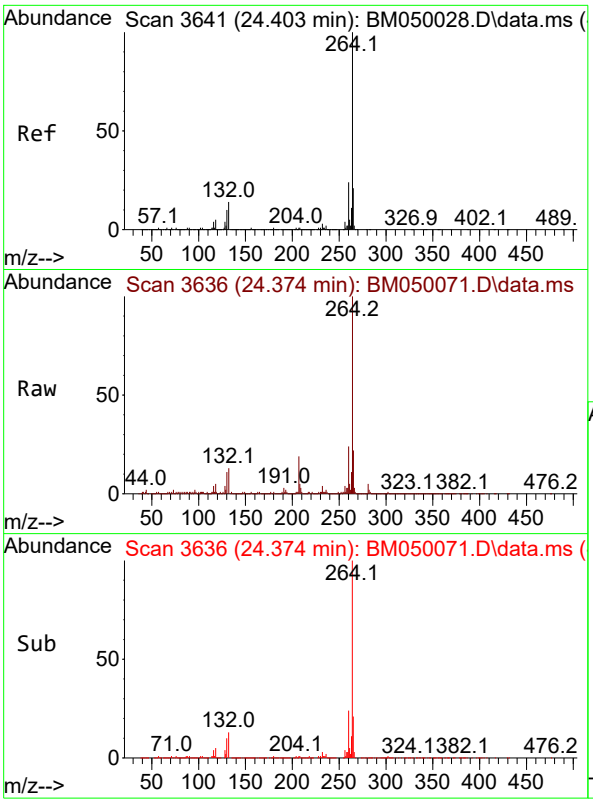


#83
Chrysene
Concen: 2.890 ng
RT: 21.427 min Scan# 3135
Delta R.T. -0.018 min
Lab File: BM050071.D
Acq: 01 May 2025 19:20

Tgt Ion:228 Resp: 263137

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.2
229	22.1	15.7	23.5



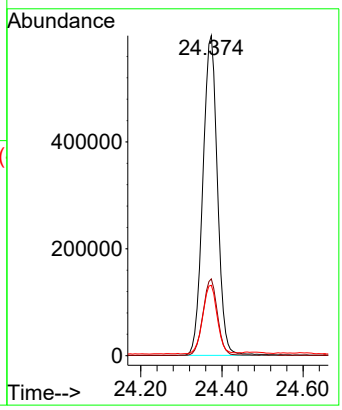


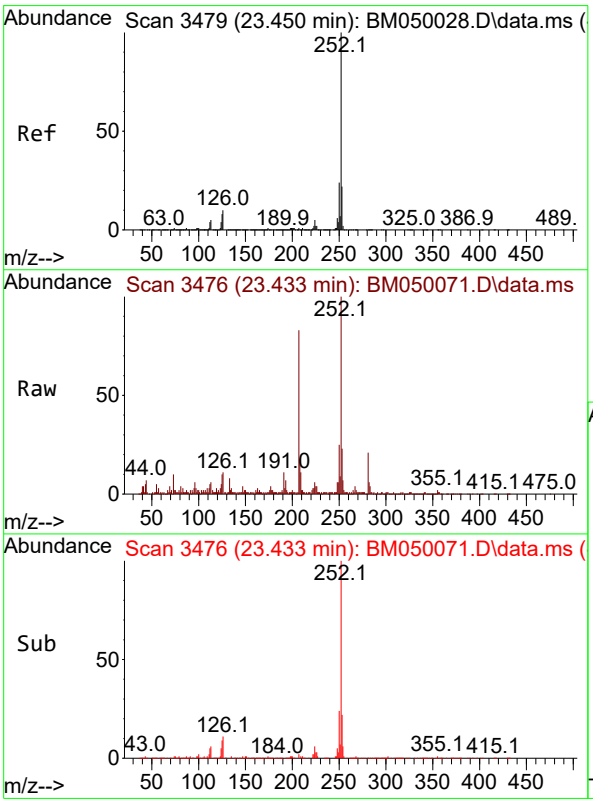
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3
Delta R.T. -0.029 min
Lab File: BM050071.D
Acq: 01 May 2025 19:20

Instrument :
BNA_M
ClientSampleId :
SS-2

Tgt Ion:264 Resp: 1491423

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	22.0	17.0	25.4

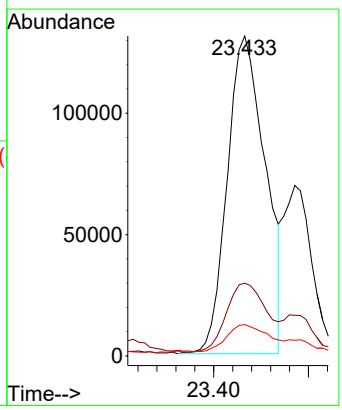


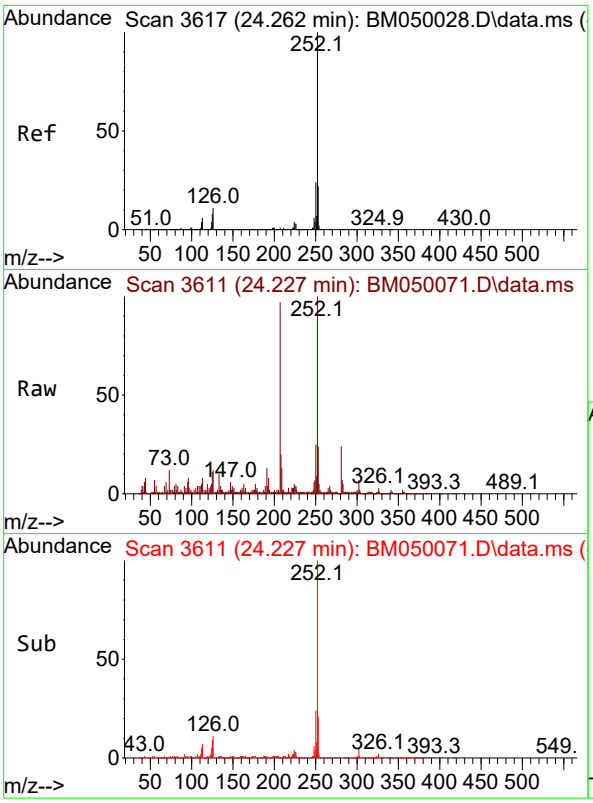


#88
Benzo(b)fluoranthene
Concen: 3.770 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.018 min
Lab File: BM050071.D
Acq: 01 May 2025 19:20

Tgt Ion:252 Resp: 365702

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	9.8	6.1	9.1#



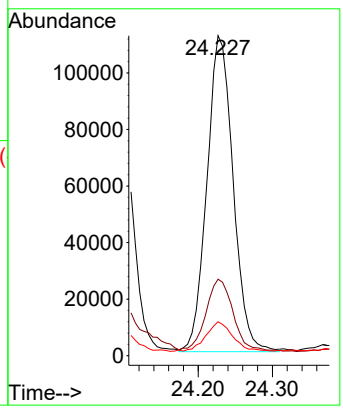


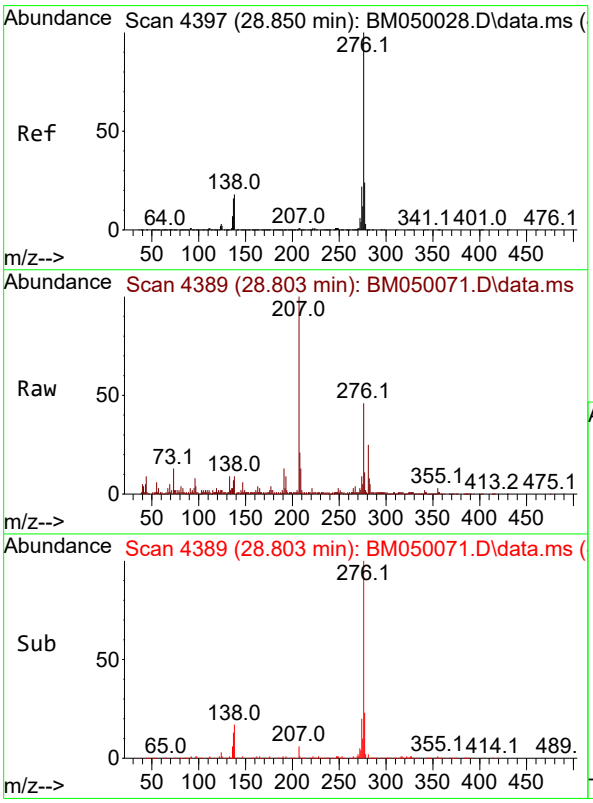
#90
Benzo(a)pyrene
Concen: 3.025 ng
RT: 24.227 min Scan# 3
Delta R.T. -0.035 min
Lab File: BM050071.D
Acq: 01 May 2025 19:20

Instrument :
BNA_M
ClientSampleId :
SS-2

Tgt Ion:252 Resp: 274759

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.0
125	10.6	6.6	9.8#

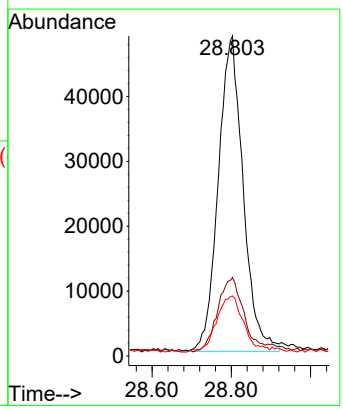




#92
Benzo(g,h,i)perylene
Concen: 2.439 ng
RT: 28.803 min Scan# 4389
Delta R.T. -0.047 min
Lab File: BM050071.D
Acq: 01 May 2025 19:20

Tgt Ion:276 Resp: 211557

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.1	28.7
138	18.7	14.3	21.5



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-3	SDG No.:	Q1914
Lab Sample ID:	Q1914-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050107.D	1	04/30/25 11:00	05/05/25 20:16	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	190	U	25.9	190	ug/Kg
208-96-8	Acenaphthylene	190	U	33.0	190	ug/Kg
83-32-9	Acenaphthene	190	U	24.3	190	ug/Kg
86-73-7	Fluorene	190	U	28.8	190	ug/Kg
85-01-8	Phenanthrene	270		23.8	190	ug/Kg
120-12-7	Anthracene	190	U	38.0	190	ug/Kg
206-44-0	Fluoranthene	450		34.2	190	ug/Kg
129-00-0	Pyrene	400		41.0	190	ug/Kg
56-55-3	Benzo(a)anthracene	220		26.2	190	ug/Kg
218-01-9	Chrysene	210		22.7	190	ug/Kg
205-99-2	Benzo(b)fluoranthene	280		21.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	J	25.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	210		33.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	33.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	U	31.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190		29.3	190	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	52.5		18 - 107	52%	SPK: 100
321-60-8	2-Fluorobiphenyl	49.2		20 - 109	49%	SPK: 100
1718-51-0	Terphenyl-d14	48.9		10 - 105	49%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	369000	7.745			
1146-65-2	Naphthalene-d8	1310000	10.539			
15067-26-2	Acenaphthene-d10	867000	14.392			
1517-22-2	Phenanthrene-d10	1720000	17.139			
1719-03-5	Chrysene-d12	1610000	21.386			
1520-96-3	Perylene-d12	1590000	24.374			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-3	SDG No.:	Q1914
Lab Sample ID:	Q1914-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050107.D	1	04/30/25 11:00	05/05/25 20:16	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050107.D
Acq On : 05 May 2025 20:16
Operator : RC/JU
Sample : Q1914-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-3

Quant Time: May 06 05:20:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

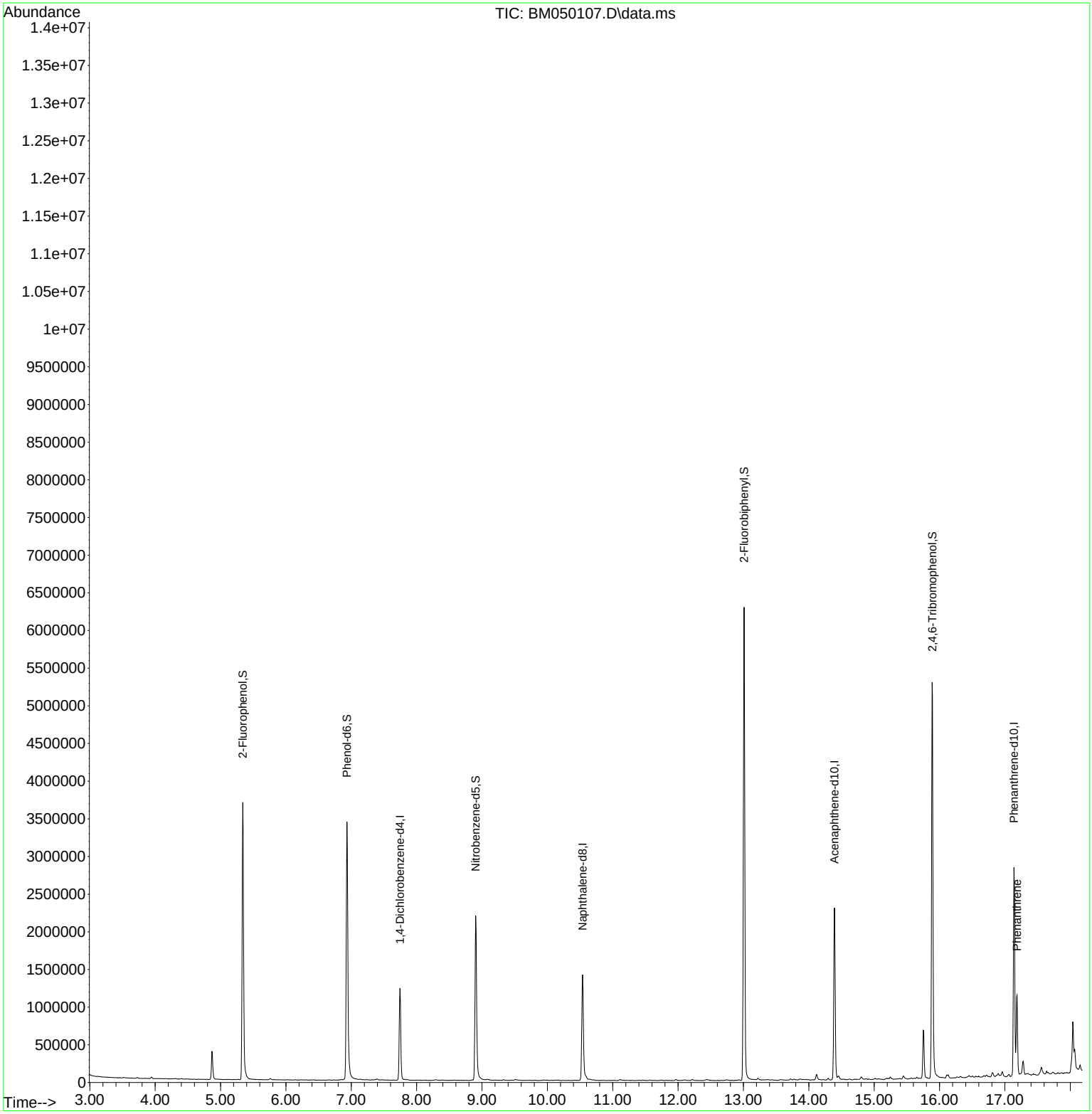
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.745	152	368852	20.000	ng		-0.02
21) Naphthalene-d8	10.539	136	1311014	20.000	ng		-0.02
39) Acenaphthene-d10	14.392	164	867173	20.000	ng		-0.02
64) Phenanthrene-d10	17.139	188	1719608	20.000	ng		-0.02
76) Chrysene-d12	21.386	240	1608473	20.000	ng		-0.01
86) Perylene-d12	24.374	264	1592324	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	1805213	85.700	ng		-0.02
7) Phenol-d6	6.934	99	2320709	87.656	ng		-0.02
23) Nitrobenzene-d5	8.904	82	1396497	52.489	ng		-0.02
42) 2,4,6-Tribromophenol	15.892	330	1191305	92.909	ng		-0.01
45) 2-Fluorobiphenyl	13.010	172	3608826	49.231	ng		-0.02
79) Terphenyl-d14	19.768	244	5314095	48.888	ng		-0.01
Target Compounds							Qvalue
71) Phenanthrene	17.186	178	689452	7.109	ng		100
75) Fluoranthene	19.203	202	1354430	11.895	ng		99
78) Pyrene	19.562	202	1180303	10.450	ng		100
81) Benzo(a)anthracene	21.362	228	626720	5.658	ng		98
83) Chrysene	21.427	228	573228	5.592	ng		98
87) Indeno(1,2,3-cd)pyrene	27.750	276	426350	3.593	ng		97
88) Benzo(b)fluoranthene	23.433	252	754462	7.286	ng	#	97
89) Benzo(k)fluoranthene	23.486	252	275881m	2.634	ng		
90) Benzo(a)pyrene	24.233	252	541813	5.586	ng		95
92) Benzo(g,h,i)perylene	28.803	276	468965	5.065	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050107.D
Acq On : 05 May 2025 20:16
Operator : RC/JU
Sample : Q1914-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-3

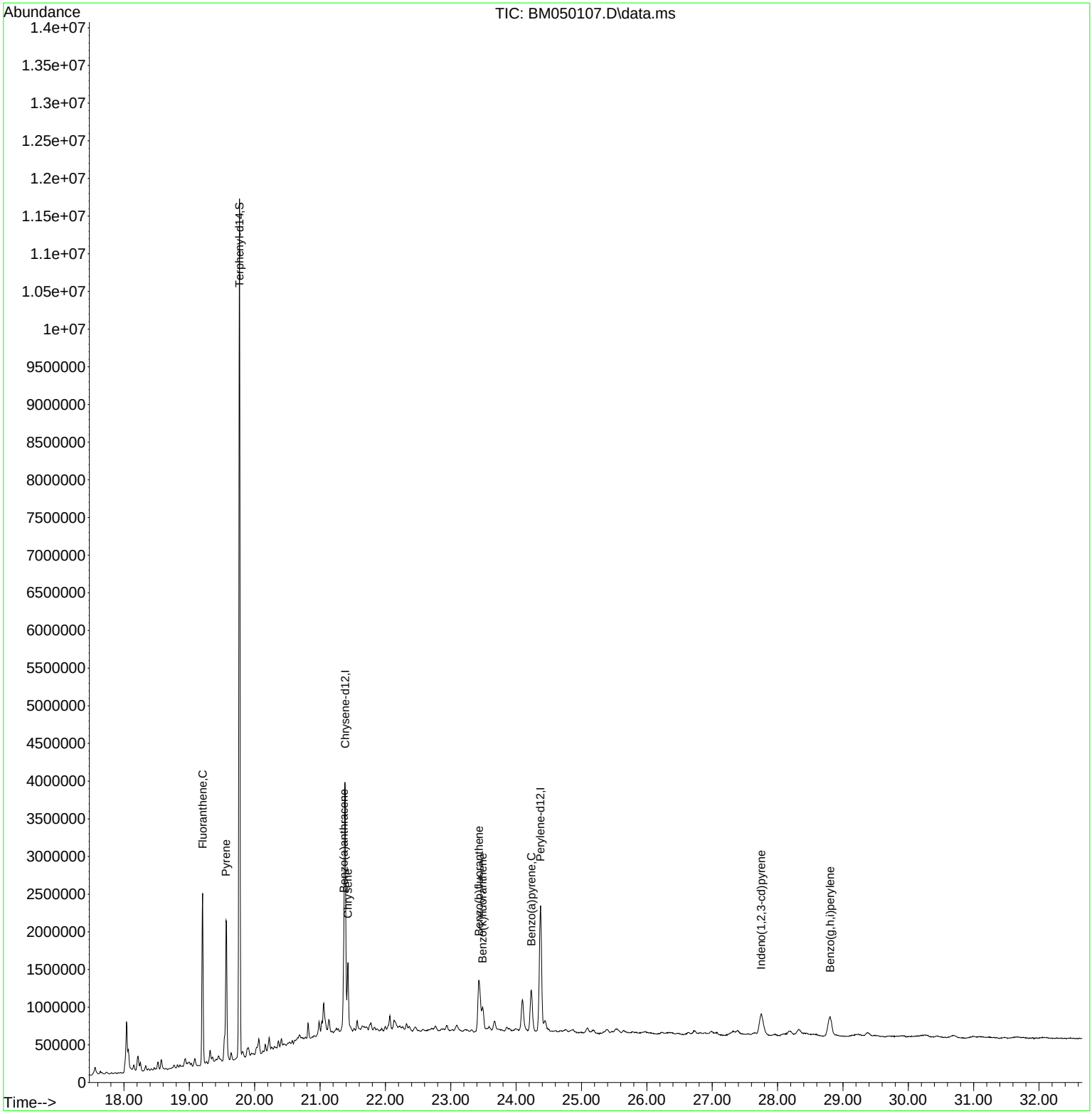
Quant Time: May 06 05:20:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

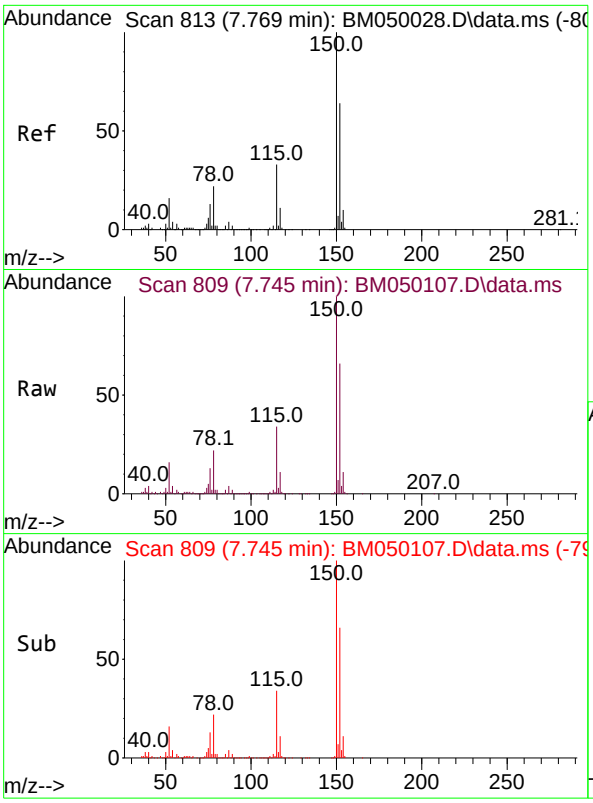


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050107.D
Acq On : 05 May 2025 20:16
Operator : RC/JU
Sample : Q1914-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-3

Quant Time: May 06 05:20:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



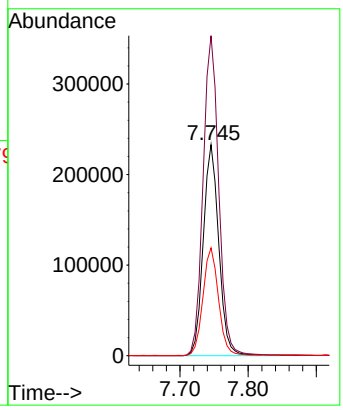


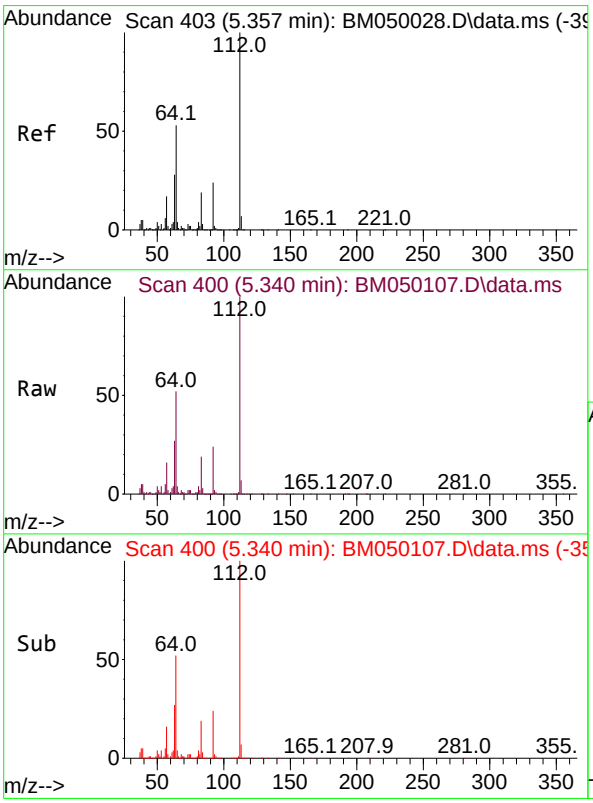
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050107.D
Acq: 05 May 2025 20:16

Instrument :
BNA_M
ClientSampleId :
SS-3

Tgt Ion:152 Resp: 368852

Ion	Ratio	Lower	Upper
152	100		
150	151.6	124.1	186.1
115	51.1	41.2	61.8

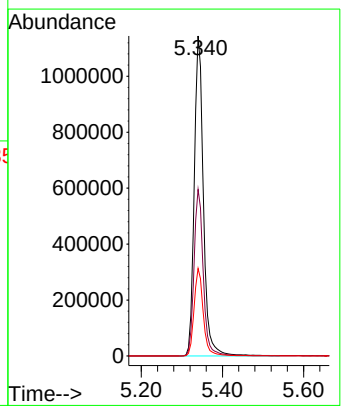


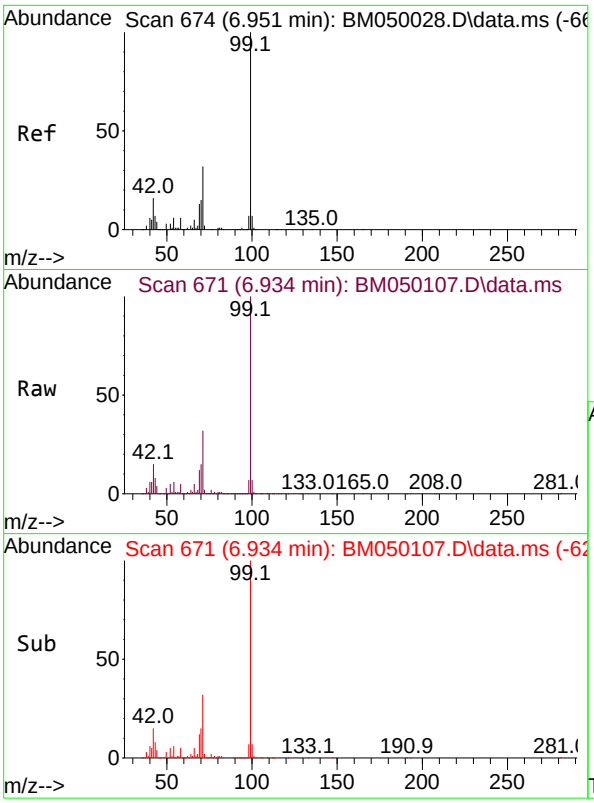


#5
2-Fluorophenol
Concen: 85.700 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050107.D
Acq: 05 May 2025 20:16

Tgt Ion:112 Resp: 1805213

Ion	Ratio	Lower	Upper
112	100		
64	52.1	42.6	64.0
63	27.4	22.2	33.4



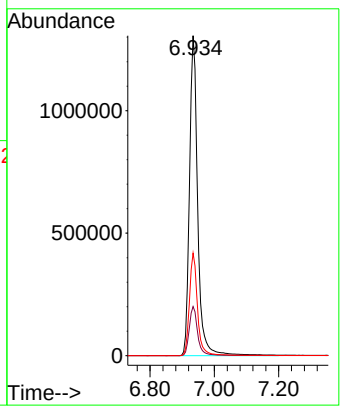


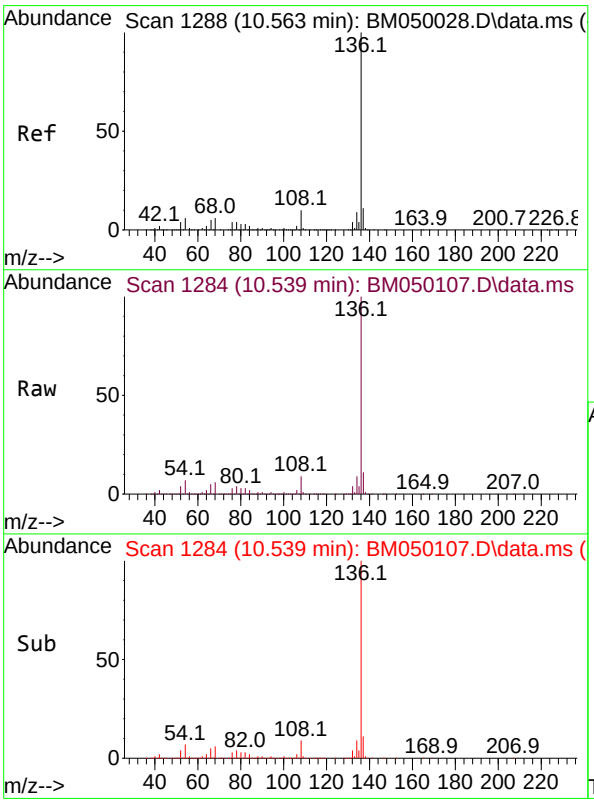
#7
Phenol-d6
Concen: 87.656 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050107.D
Acq: 05 May 2025 20:16

Instrument :
BNA_M
ClientSampleId :
SS-3

Tgt Ion: 99 Resp: 2320709

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.0	19.4
71	32.0	25.6	38.4

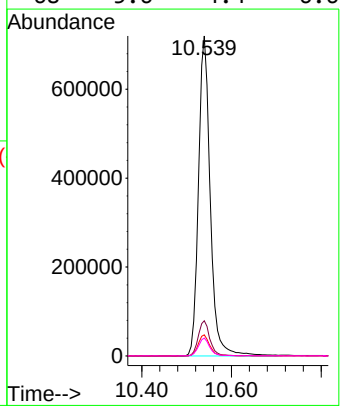


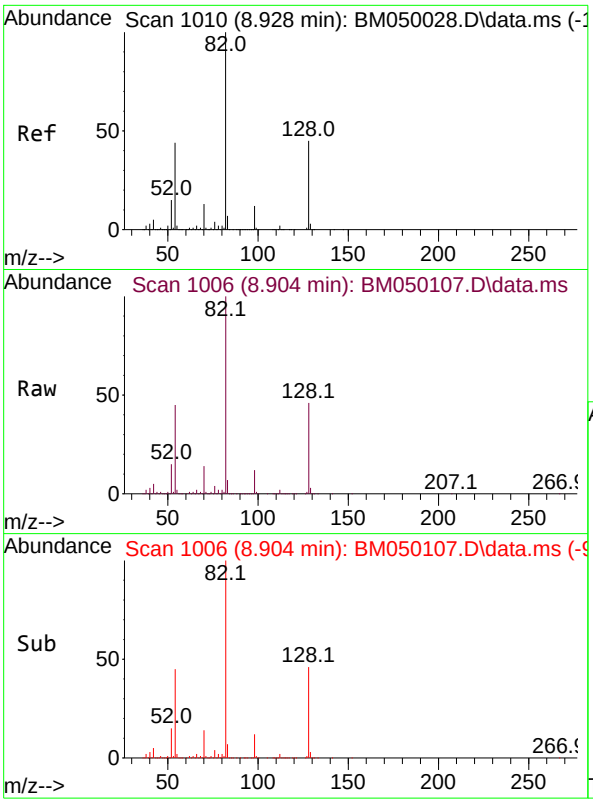


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050107.D
Acq: 05 May 2025 20:16

Tgt Ion:136 Resp: 1311014

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.6	5.1	7.7
68	5.6	4.4	6.6



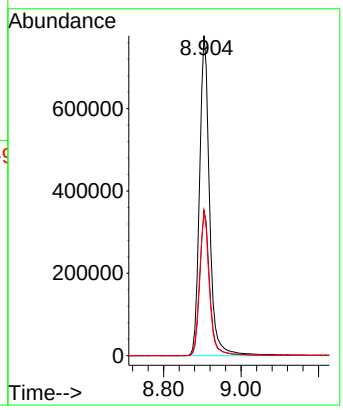


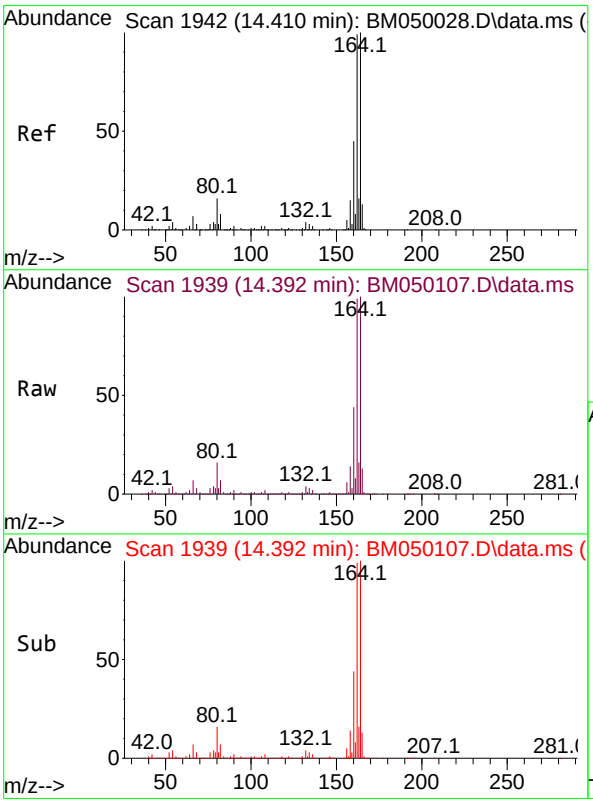
#23
Nitrobenzene-d5
Concen: 52.489 ng
RT: 8.904 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050107.D
Acq: 05 May 2025 20:16

Instrument :
BNA_M
ClientSampleId :
SS-3

Tgt Ion: 82 Resp: 1396497

Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.7	53.5
54	44.9	35.4	53.2

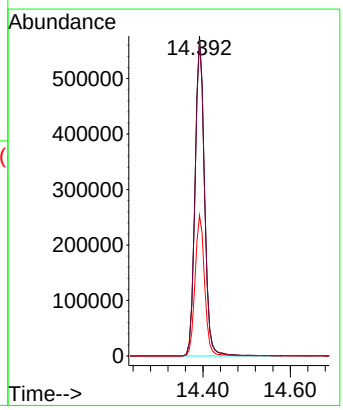


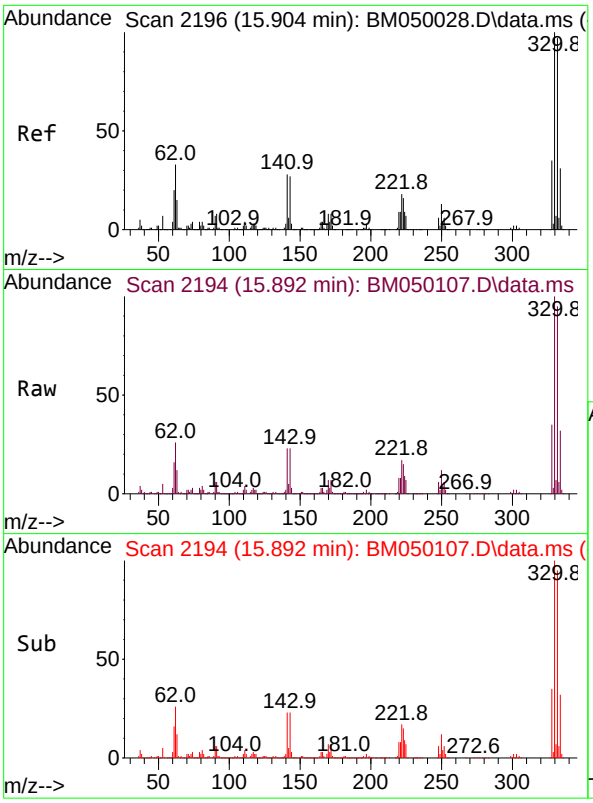


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050107.D
Acq: 05 May 2025 20:16

Tgt Ion:164 Resp: 867173

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.4	119.0
160	44.0	36.2	54.4



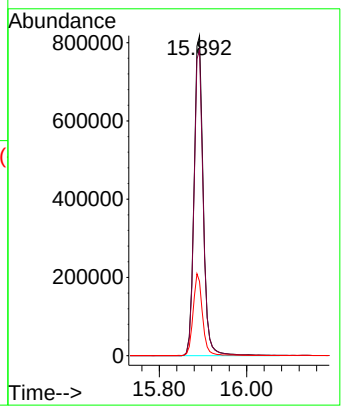


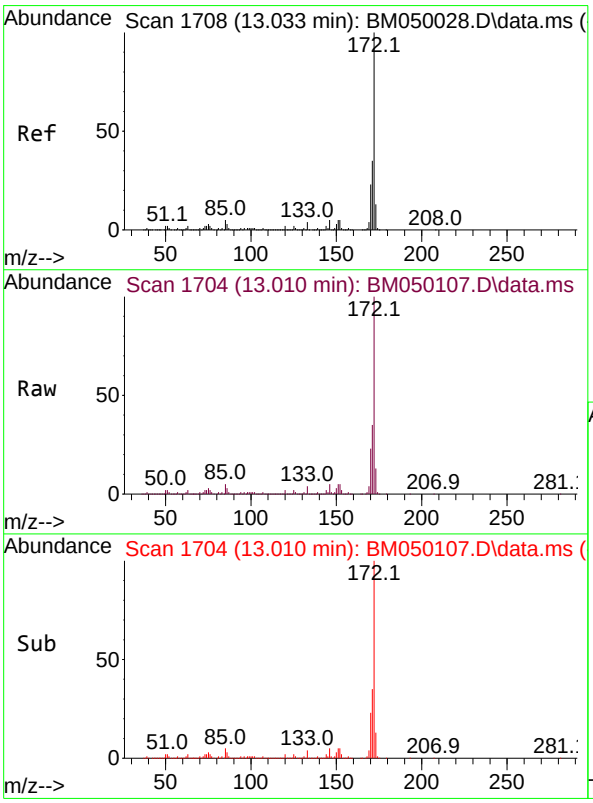
#42
2,4,6-Tribromophenol
Concen: 92.909 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050107.D
Acq: 05 May 2025 20:16

Instrument :
BNA_M
ClientSampleId :
SS-3

Tgt Ion:330 Resp: 1191305

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	26.3	22.5	33.7

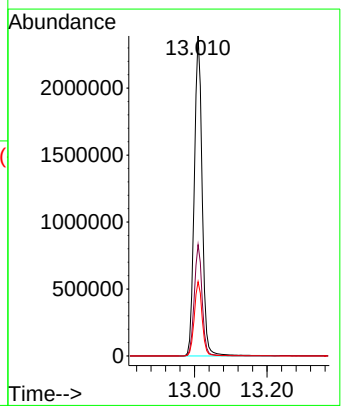


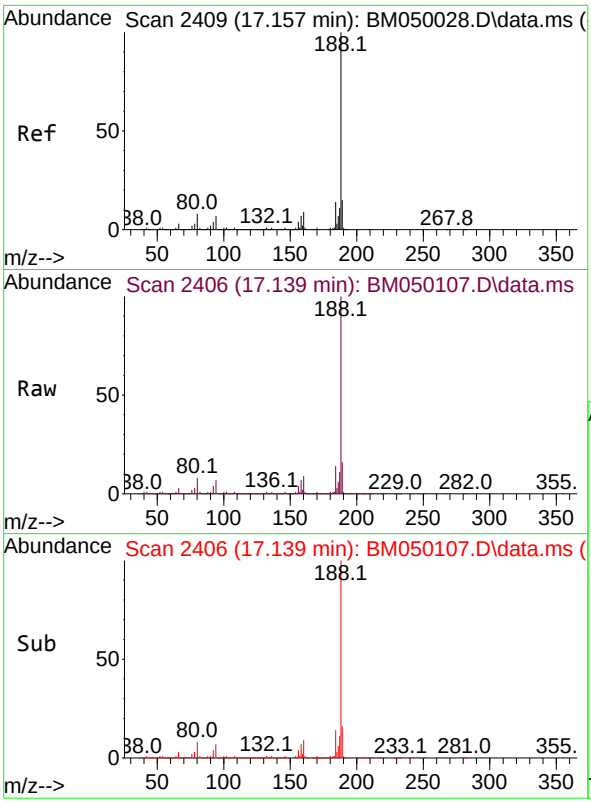


#45
2-Fluorobiphenyl
Concen: 49.231 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050107.D
Acq: 05 May 2025 20:16

Tgt Ion:172 Resp: 3608826

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.2	18.6	28.0



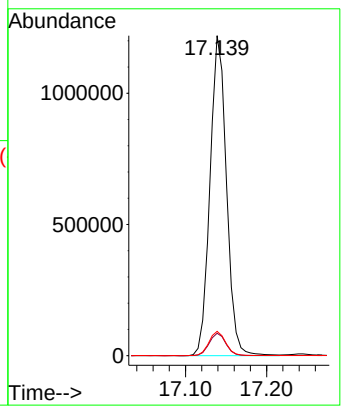


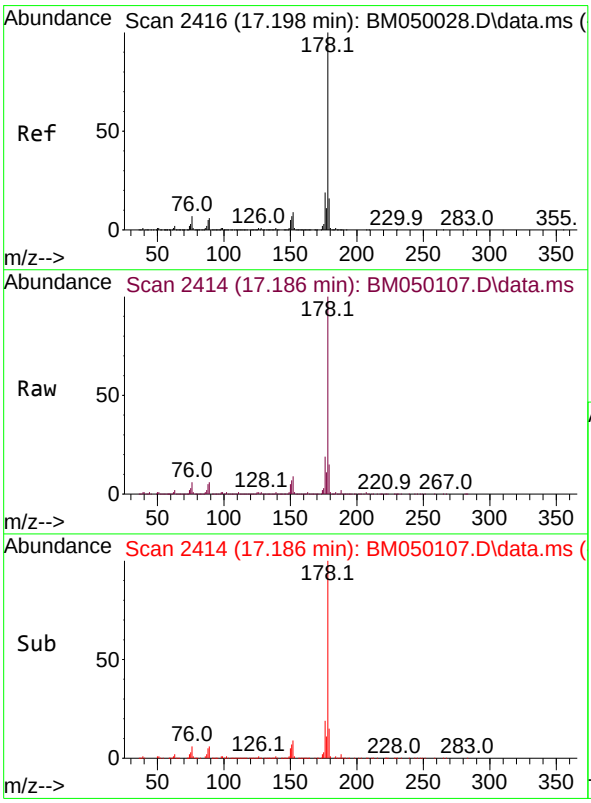
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050107.D
Acq: 05 May 2025 20:16

Instrument :
BNA_M
ClientSampleId :
SS-3

Tgt Ion:188 Resp: 1719608

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.7	8.5
80	7.6	6.2	9.4

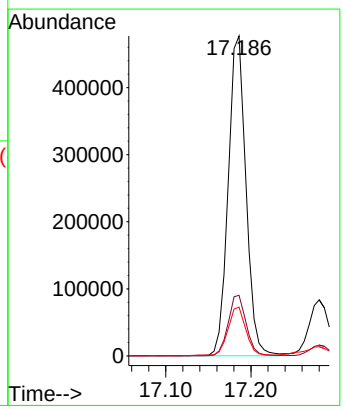


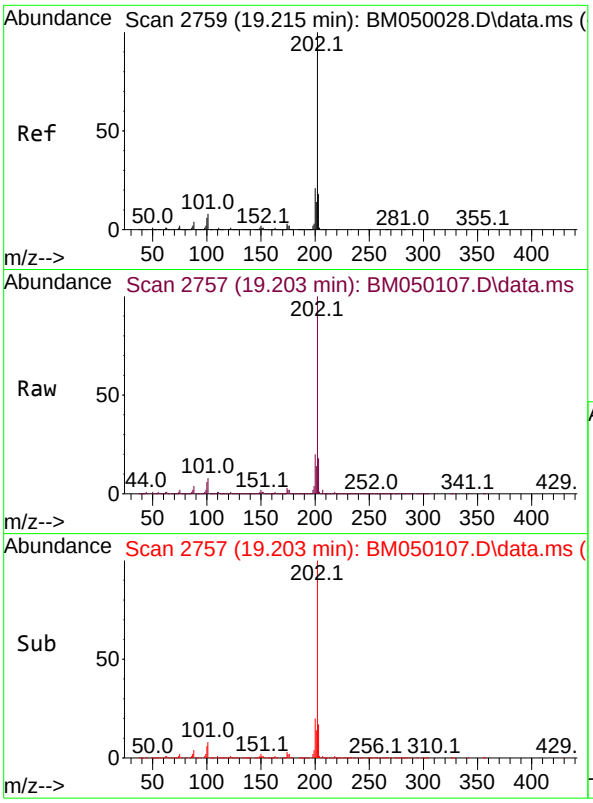


#71
Phenanthrene
Concen: 7.109 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BM050107.D
Acq: 05 May 2025 20:16

Tgt Ion:178 Resp: 689452

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.3	12.4	18.6



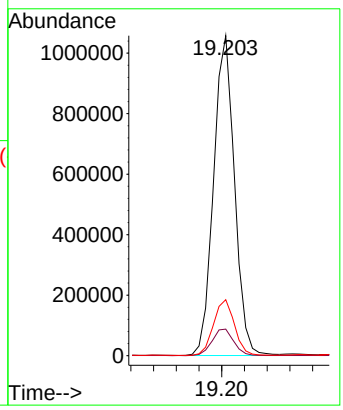


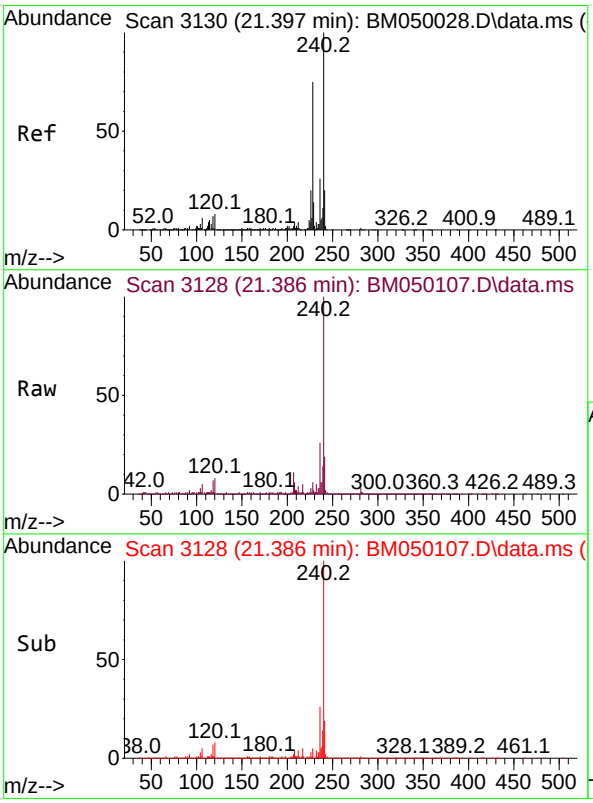
#75
Fluoranthene
Concen: 11.895 ng
RT: 19.203 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050107.D
Acq: 05 May 2025 20:16

Instrument :
BNA_M
ClientSampleId :
SS-3

Tgt Ion:202 Resp: 1354430

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	28.0
203	17.5	0.0	37.7

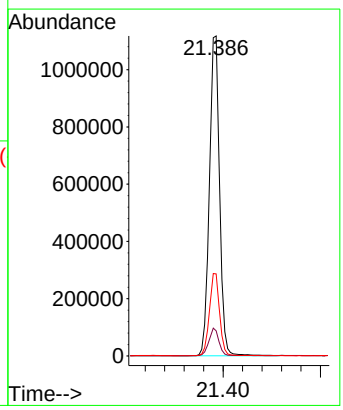


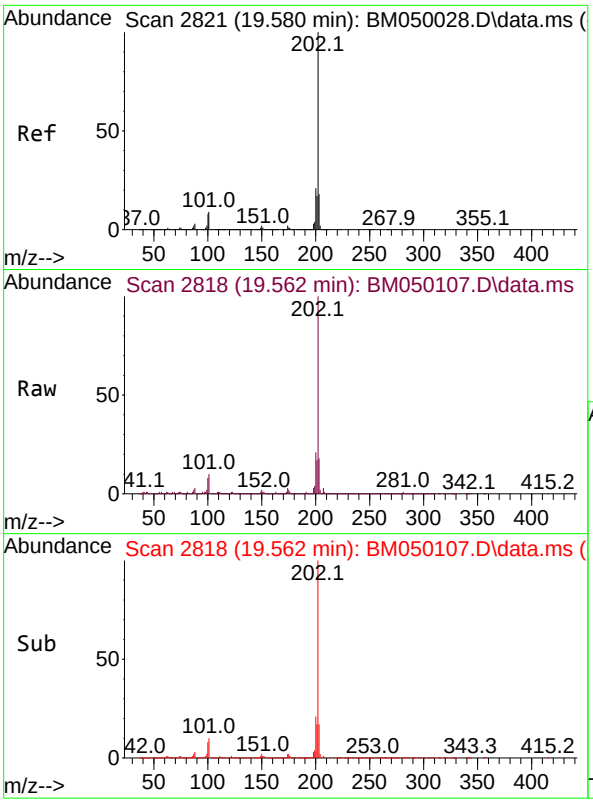


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050107.D
Acq: 05 May 2025 20:16

Tgt Ion:240 Resp: 1608473

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.5	9.7
236	25.6	20.9	31.3



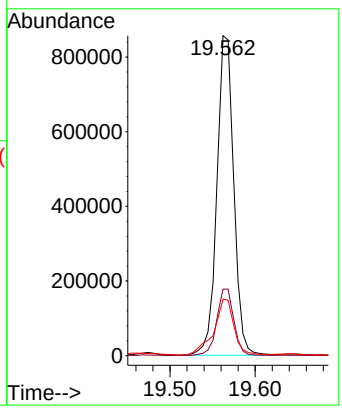


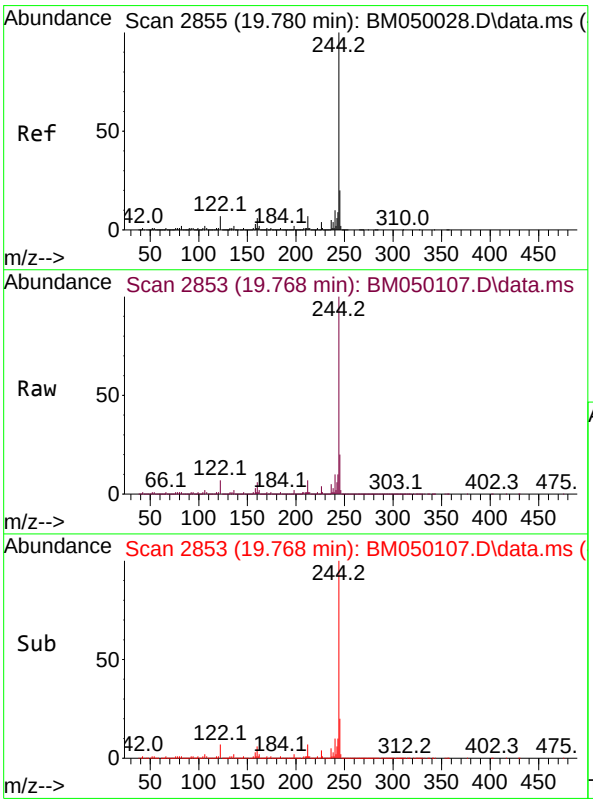
#78
Pyrene
Concen: 10.450 ng
RT: 19.562 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050107.D
Acq: 05 May 2025 20:16

Instrument :
BNA_M
ClientSampleId :
SS-3

Tgt Ion:202 Resp: 1180303

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.7	14.1	21.1

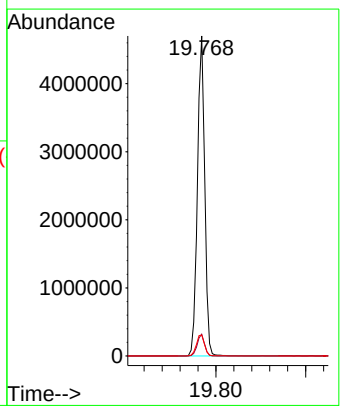


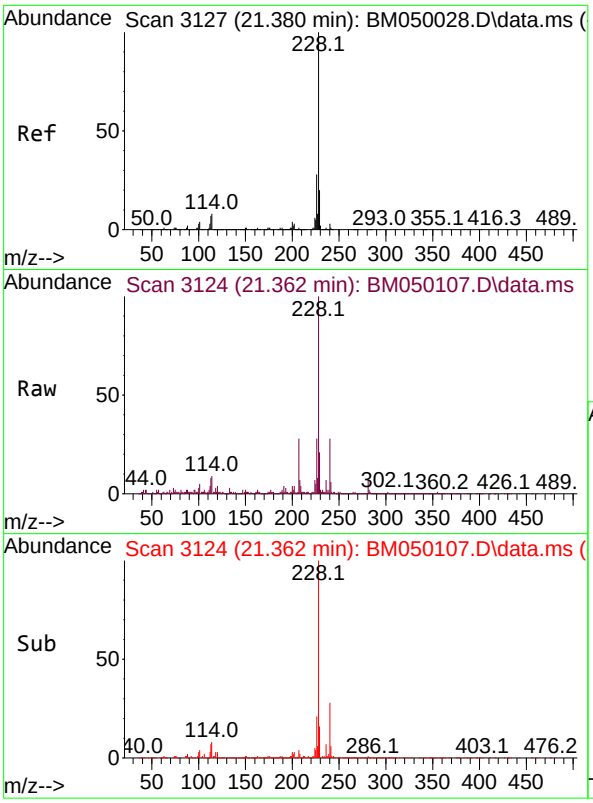


#79
Terphenyl-d14
Concen: 48.888 ng
RT: 19.768 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BM050107.D
Acq: 05 May 2025 20:16

Tgt Ion:244 Resp: 5314095

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	6.6	5.6	8.4



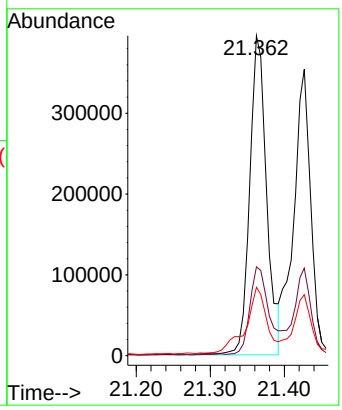


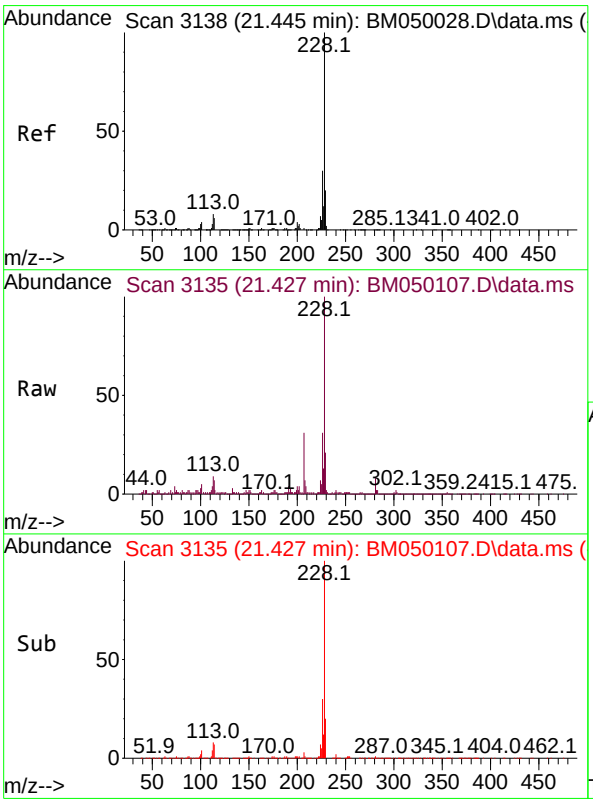
#81
Benzo(a)anthracene
Concen: 5.658 ng
RT: 21.362 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050107.D
Acq: 05 May 2025 20:16

Instrument :
BNA_M
ClientSampleId :
SS-3

Tgt Ion:228 Resp: 626720

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	21.4	15.7	23.5

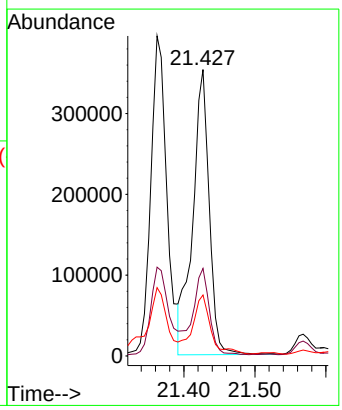


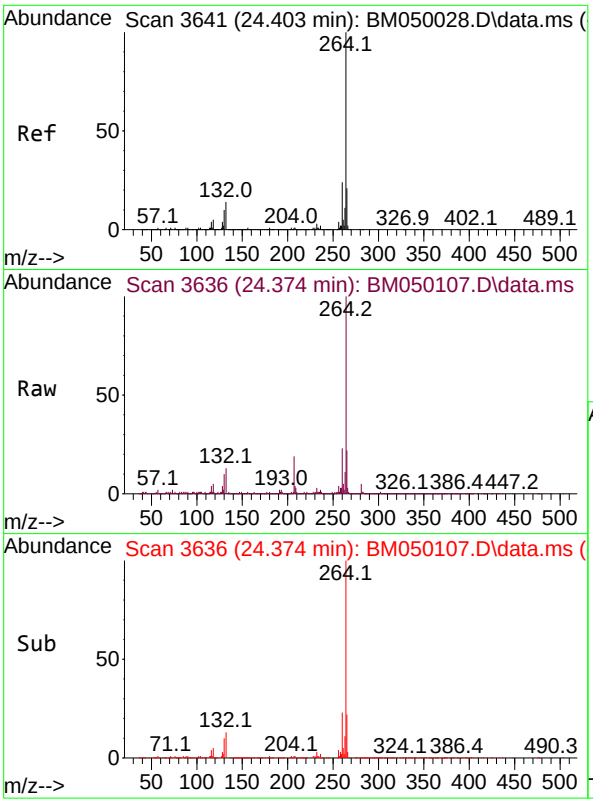


#83
Chrysene
Concen: 5.592 ng
RT: 21.427 min Scan# 3135
Delta R.T. -0.018 min
Lab File: BM050107.D
Acq: 05 May 2025 20:16

Tgt Ion:228 Resp: 573228

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	21.3	15.7	23.5



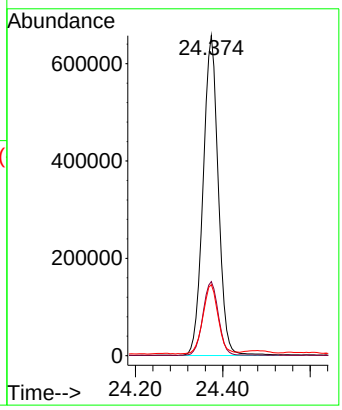


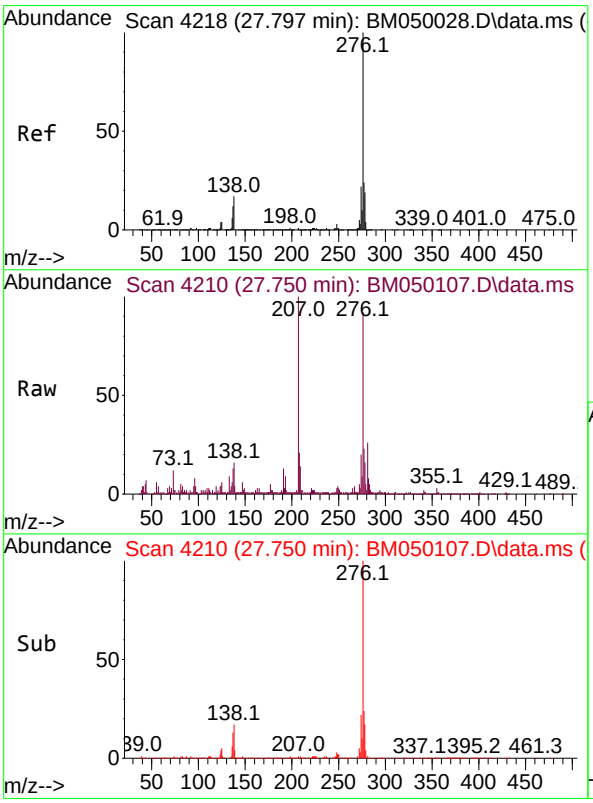
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3
Delta R.T. -0.029 min
Lab File: BM050107.D
Acq: 05 May 2025 20:16

Instrument :
BNA_M
ClientSampleId :
SS-3

Tgt Ion:264 Resp: 1592324

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	22.2	17.0	25.4

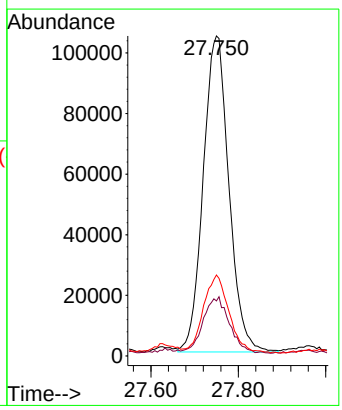


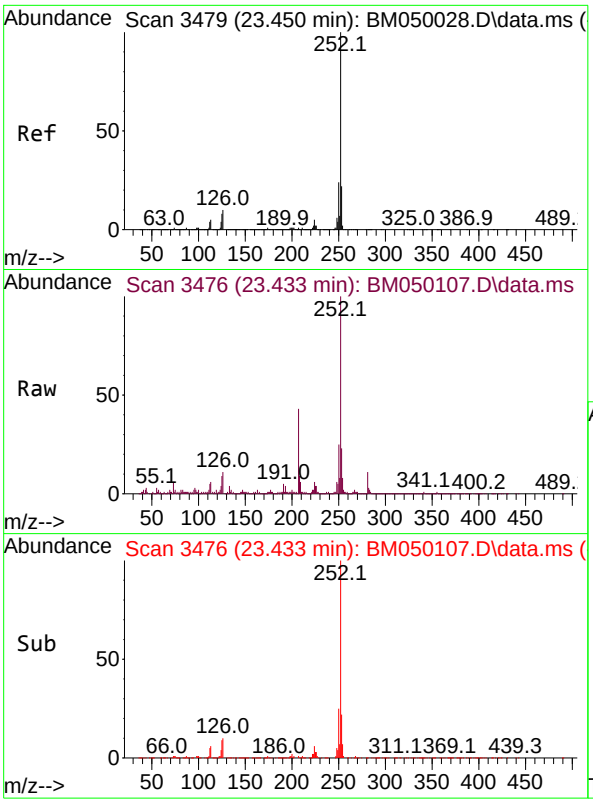


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.593 ng
RT: 27.750 min Scan# 4210
Delta R.T. -0.047 min
Lab File: BM050107.D
Acq: 05 May 2025 20:16

Tgt Ion:276 Resp: 426350

Ion	Ratio	Lower	Upper
276	100		
138	17.7	16.4	24.6
277	24.5	19.8	29.8



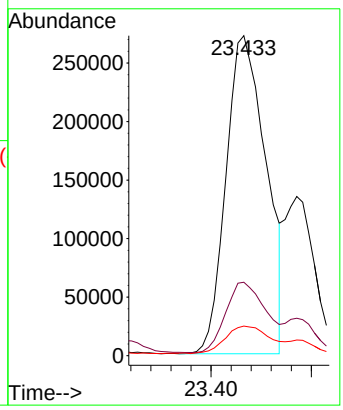


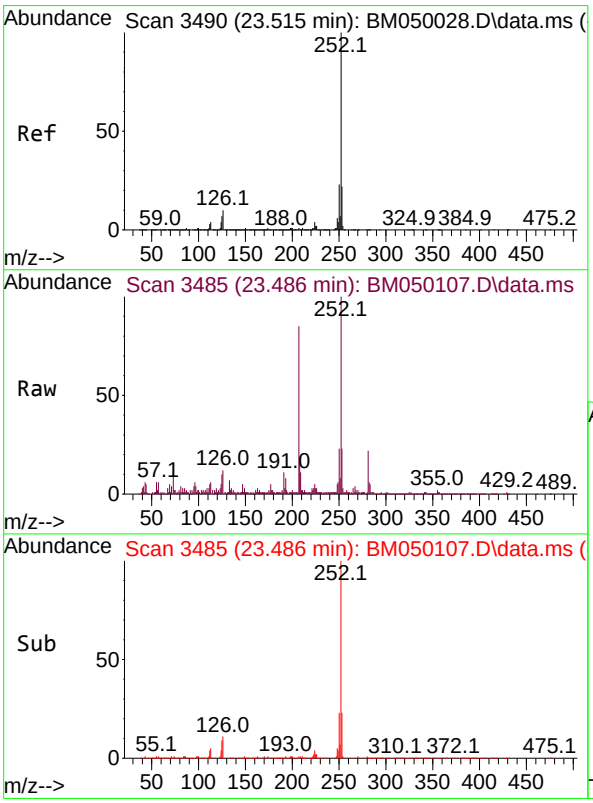
#88
Benzo(b)fluoranthene
Concen: 7.286 ng
RT: 23.433 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050107.D
Acq: 05 May 2025 20:16

Instrument :
BNA_M
ClientSampleId :
SS-3

Tgt Ion:252 Resp: 754462

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	9.3	6.1	9.1#

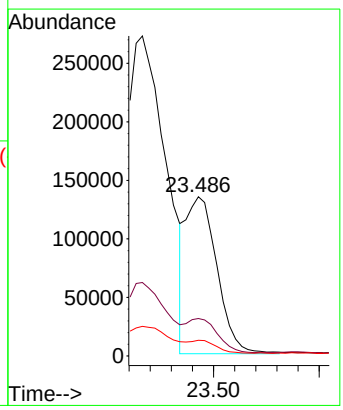


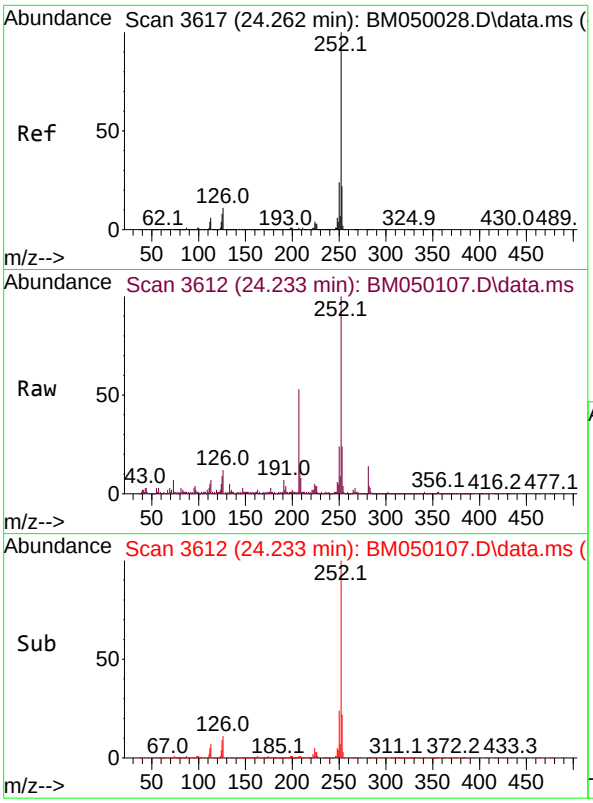


#89
Benzo(k)fluoranthene
Concen: 2.634 ng m
RT: 23.486 min Scan# 3485
Delta R.T. -0.029 min
Lab File: BM050107.D
Acq: 05 May 2025 20:16

Tgt Ion:252 Resp: 275881

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	9.9	5.8	8.8#



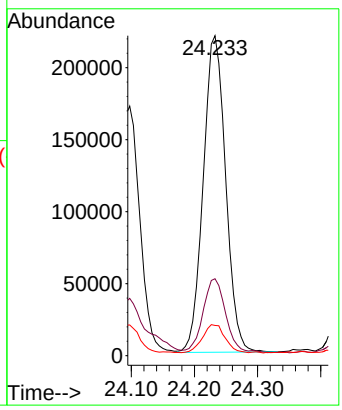


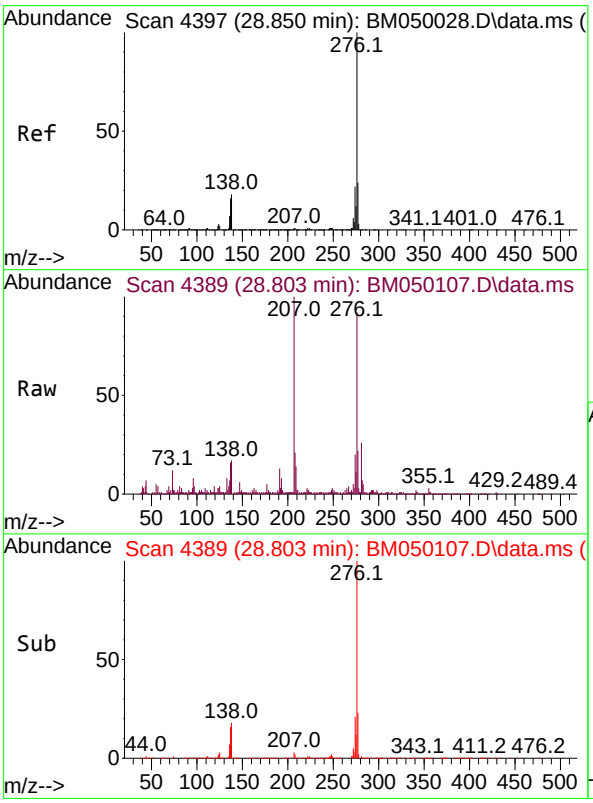
#90
Benzo(a)pyrene
Concen: 5.586 ng
RT: 24.233 min Scan# 3
Delta R.T. -0.029 min
Lab File: BM050107.D
Acq: 05 May 2025 20:16

Instrument :
BNA_M
ClientSampleId :
SS-3

Tgt Ion:252 Resp: 541813

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	9.4	6.6	9.8

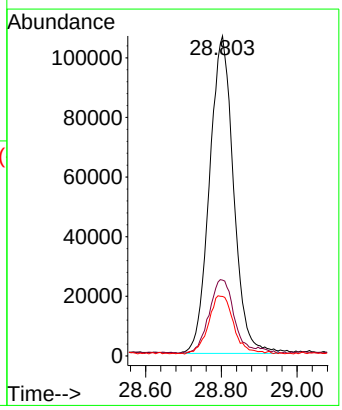




#92
Benzo(g,h,i)perylene
Concen: 5.065 ng
RT: 28.803 min Scan# 4389
Delta R.T. -0.047 min
Lab File: BM050107.D
Acq: 05 May 2025 20:16

Tgt Ion:276 Resp: 468965

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	18.6	14.3	21.5



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-4	SDG No.:	Q1914
Lab Sample ID:	Q1914-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.5
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050072.D	1	04/30/25 11:00	05/01/25 20:00	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	200	U	26.2	200	ug/Kg
208-96-8	Acenaphthylene	200	U	33.4	200	ug/Kg
83-32-9	Acenaphthene	200	U	24.6	200	ug/Kg
86-73-7	Fluorene	200	U	29.2	200	ug/Kg
85-01-8	Phenanthrene	300		24.2	200	ug/Kg
120-12-7	Anthracene	200	U	38.5	200	ug/Kg
206-44-0	Fluoranthene	630		34.7	200	ug/Kg
129-00-0	Pyrene	520		41.6	200	ug/Kg
56-55-3	Benzo(a)anthracene	320		26.6	200	ug/Kg
218-01-9	Chrysene	310		23.0	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	450		22.0	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	25.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	330		34.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	J	33.6	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200	U	31.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	250		29.7	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	41.7		18 - 107	42%	SPK: 100
321-60-8	2-Fluorobiphenyl	38.3		20 - 109	38%	SPK: 100
1718-51-0	Terphenyl-d14	35.7		10 - 105	36%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	267000	7.745			
1146-65-2	Naphthalene-d8	987000	10.539			
15067-26-2	Acenaphthene-d10	682000	14.392			
1517-22-2	Phenanthrene-d10	1410000	17.139			
1719-03-5	Chrysene-d12	1410000	21.38			
1520-96-3	Perylene-d12	1420000	24.368			

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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-4	SDG No.:	Q1914
Lab Sample ID:	Q1914-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.5
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050072.D	1	04/30/25 11:00	05/01/25 20:00	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050072.D
Acq On : 01 May 2025 20:00
Operator : RC/JU
Sample : Q1914-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 02 01:12:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SS-4

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	266849	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	987063	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	682416	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1413674	20.000	ng	-0.02
76) Chrysene-d12	21.380	240	1410216	20.000	ng	-0.02
86) Perylene-d12	24.368	264	1421527	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1083091	71.073	ng	-0.02
7) Phenol-d6	6.934	99	1431584	74.742	ng	-0.02
23) Nitrobenzene-d5	8.904	82	834787	41.674	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	719122	71.268	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	2208129	38.278	ng	-0.02
79) Terphenyl-d14	19.768	244	3399375	35.670	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.186	178	614421	7.706	ng	100
75) Fluoranthene	19.203	202	1542165	16.474	ng	99
78) Pyrene	19.562	202	1336131	13.492	ng	100
81) Benzo(a)anthracene	21.362	228	806143	8.301	ng	98
83) Chrysene	21.427	228	729730	8.119	ng	98
87) Indeno(1,2,3-cd)pyrene	27.744	276	528099	4.986	ng	97
88) Benzo(b)fluoranthene	23.433	252	1089016	11.780	ng	97
89) Benzo(k)fluoranthene	23.486	252	326794m	3.495	ng	
90) Benzo(a)pyrene	24.227	252	738125	8.525	ng	98
92) Benzo(g,h,i)perylene	28.803	276	530889	6.422	ng	99

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

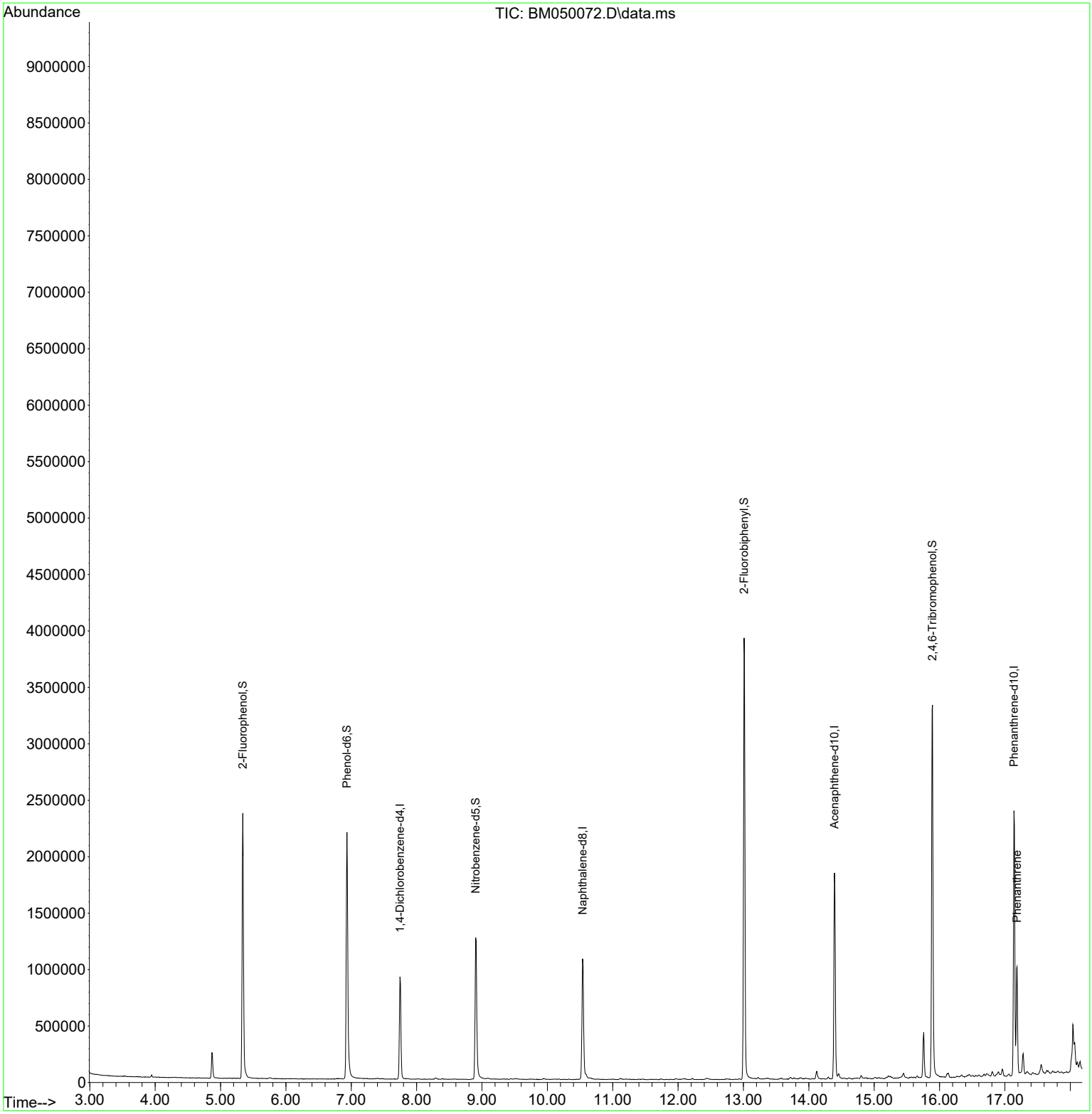
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050072.D
Acq On : 01 May 2025 20:00
Operator : RC/JU
Sample : Q1914-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 02 01:12:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SS-4

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050072.D
Acq On : 01 May 2025 20:00
Operator : RC/JU
Sample : Q1914-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 02 01:12:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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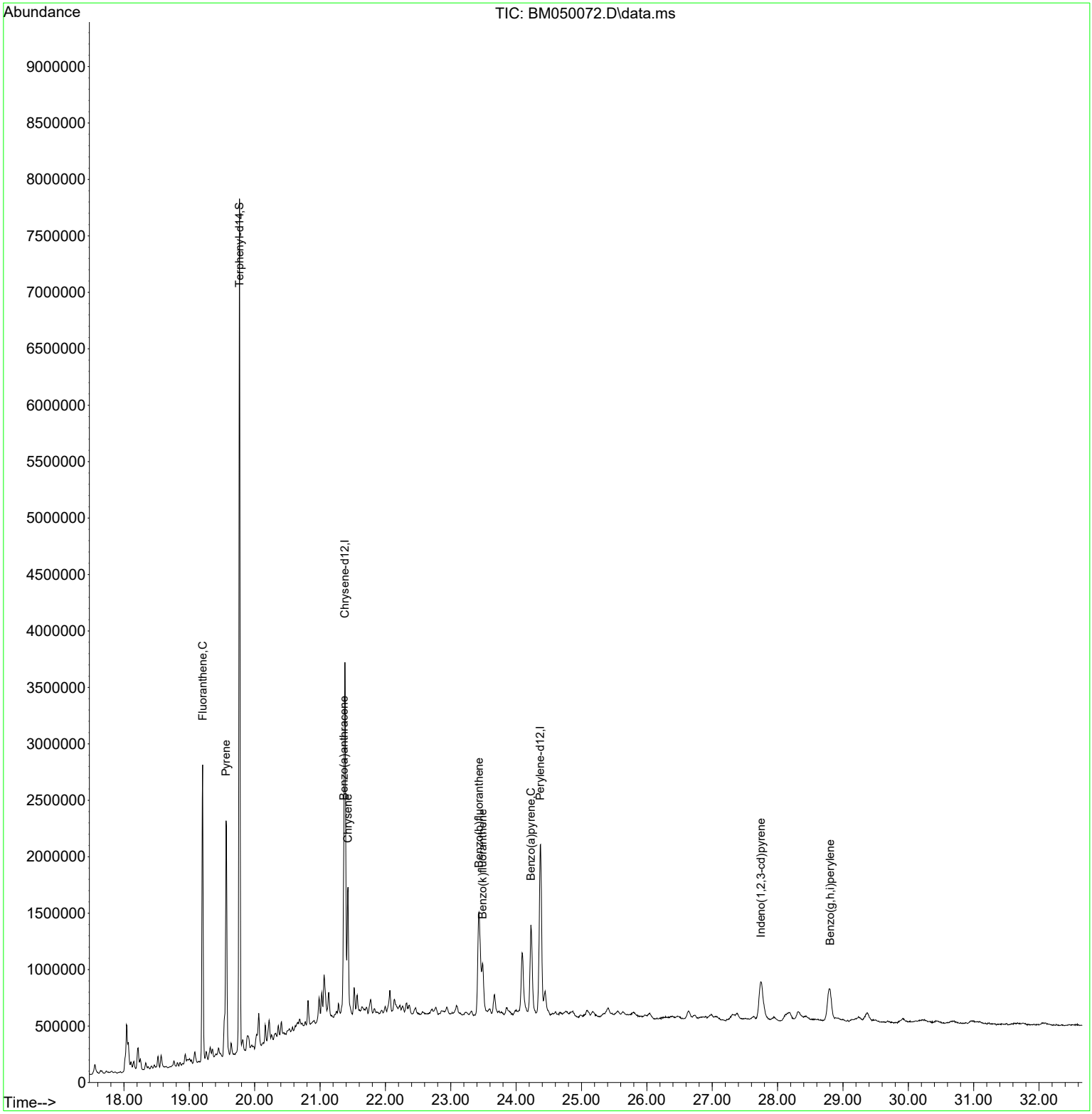
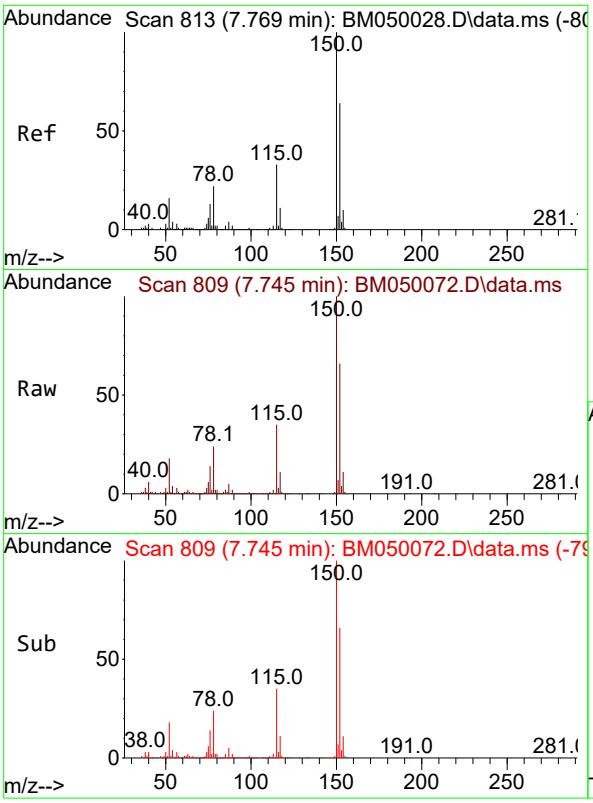
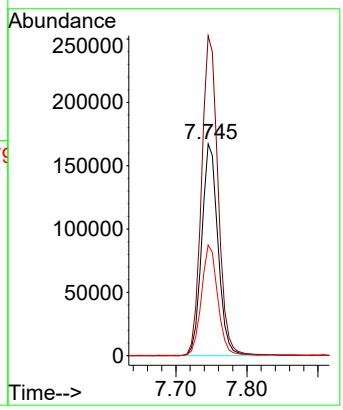




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 8(
Delta R.T. -0.024 min
Lab File: BM050072.D
Acq: 01 May 2025 20:00

Tgt Ion:152 Resp: 26684(

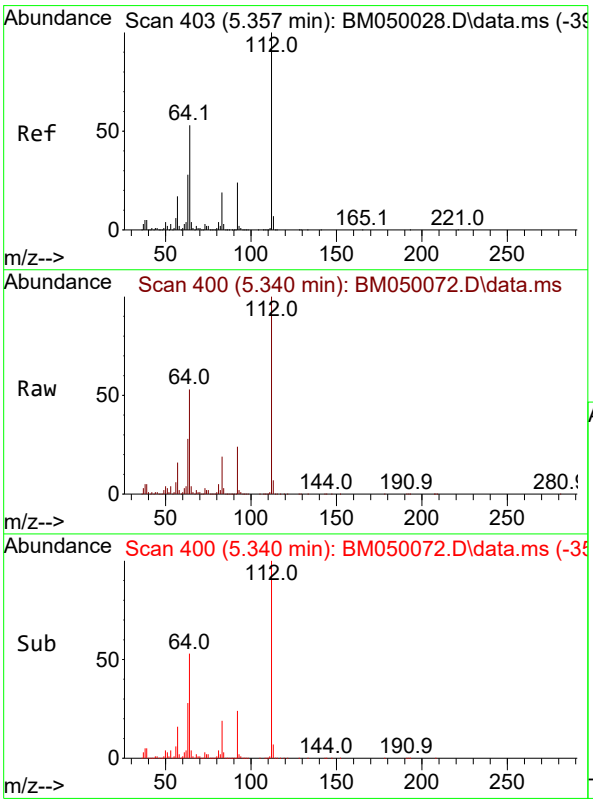
Ion	Ratio	Lower	Upper
152	100		
150	151.1	124.1	186.1
115	52.3	41.2	61.8



Instrument :
BNA_M
ClientSampleId :
SS-4

Manual Integrations
APPROVED

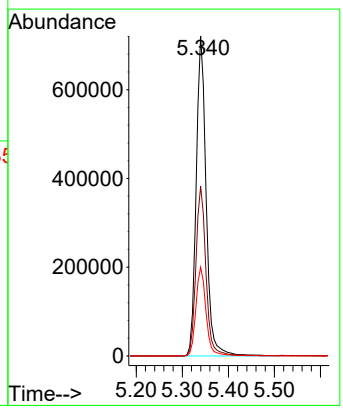
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

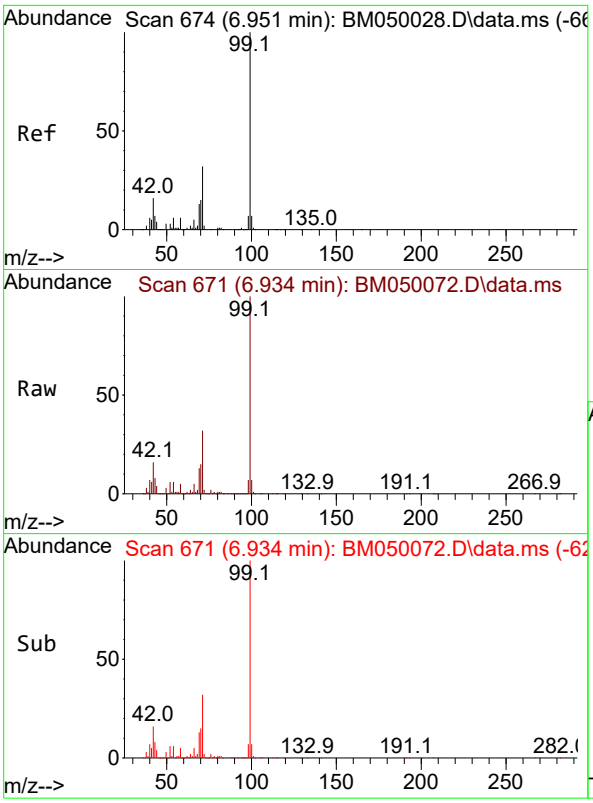


#5
2-Fluorophenol
Concen: 71.073 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050072.D
Acq: 01 May 2025 20:00

Tgt Ion:112 Resp: 1083091

Ion	Ratio	Lower	Upper
112	100		
64	53.0	42.6	64.0
63	27.7	22.2	33.4





#7
Phenol-d6
Concen: 74.742 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050072.D
Acq: 01 May 2025 20:00

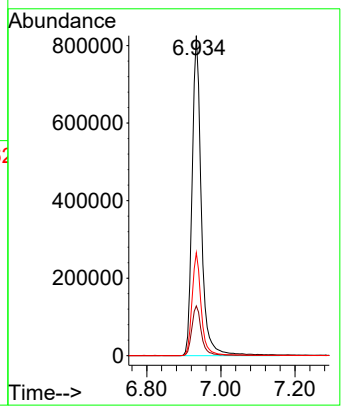
Tgt Ion: 99 Resp: 143158

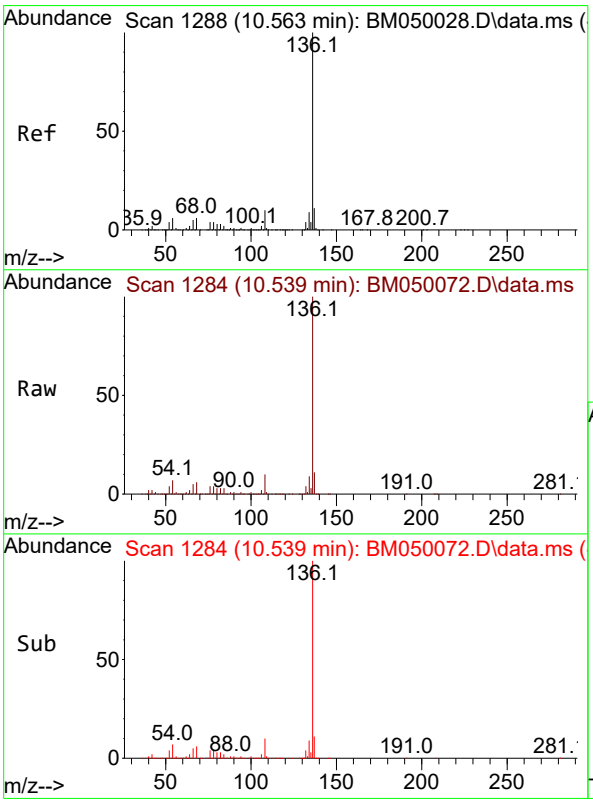
Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.0	19.4
71	32.1	25.6	38.4

Instrument :
BNA_M
ClientSampleId :
SS-4

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

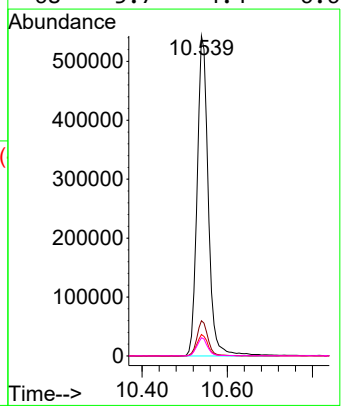


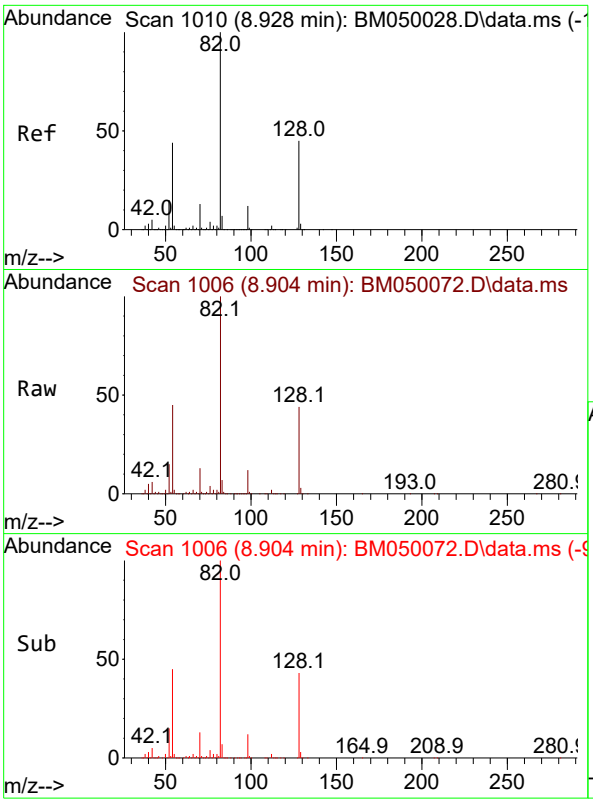


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050072.D
Acq: 01 May 2025 20:00

Tgt Ion:136 Resp: 987063

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.7	5.1	7.7
68	5.7	4.4	6.6





#23
Nitrobenzene-d5
Concen: 41.674 ng
RT: 8.904 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050072.D
Acq: 01 May 2025 20:00

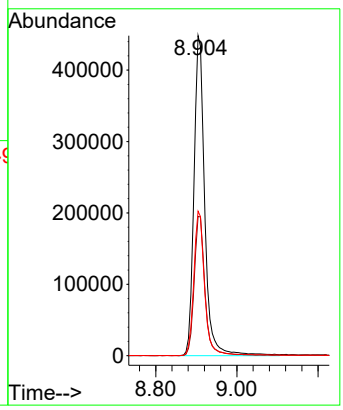
Tgt Ion: 82 Resp: 83478

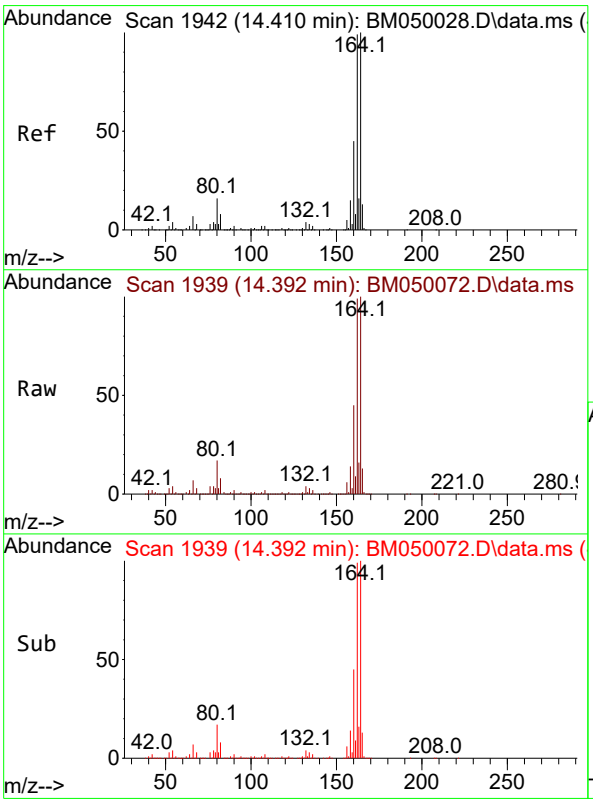
Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.7	53.5
54	45.1	35.4	53.2

Instrument :
BNA_M
ClientSampleId :
SS-4

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

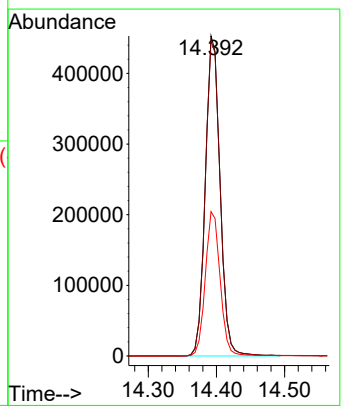


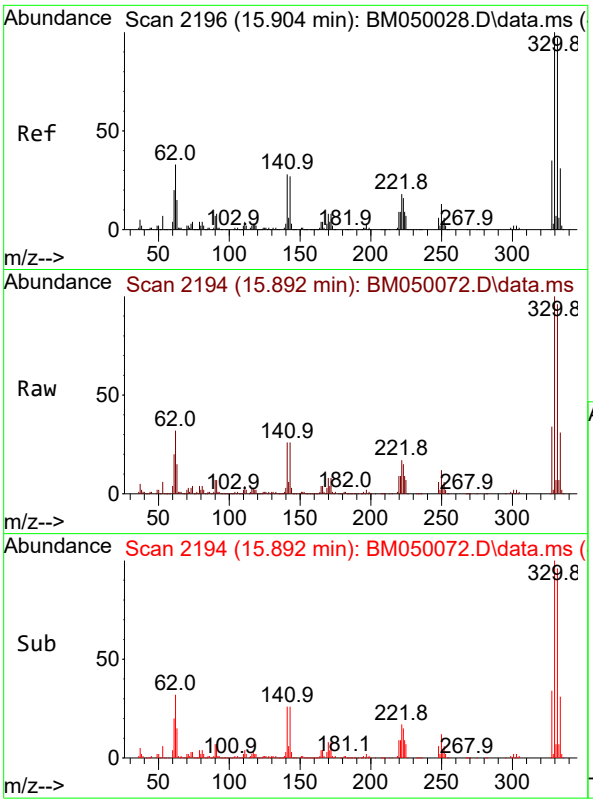


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050072.D
Acq: 01 May 2025 20:00

Tgt Ion:164 Resp: 682416

Ion	Ratio	Lower	Upper
164	100		
162	98.5	79.4	119.0
160	45.1	36.2	54.4

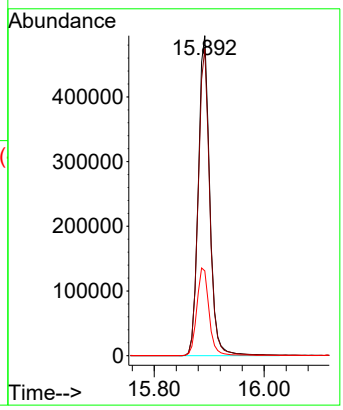




#42
2,4,6-Tribromophenol
Concen: 71.268 ng
RT: 15.892 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050072.D
Acq: 01 May 2025 20:00

Tgt Ion:330 Resp: 71912

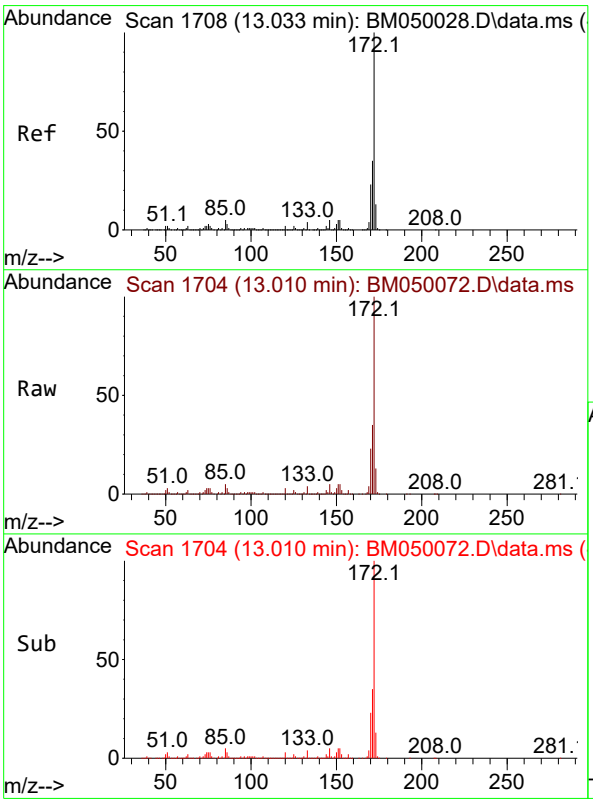
Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.3	115.9
141	29.0	22.5	33.7



Instrument :
BNA_M
ClientSampleId :
SS-4

Manual Integrations
APPROVED

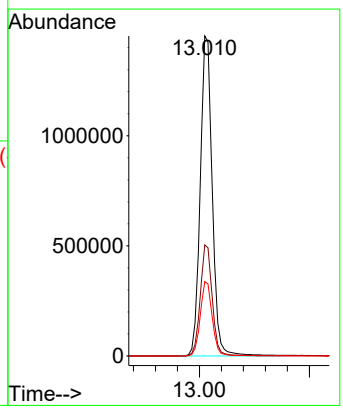
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

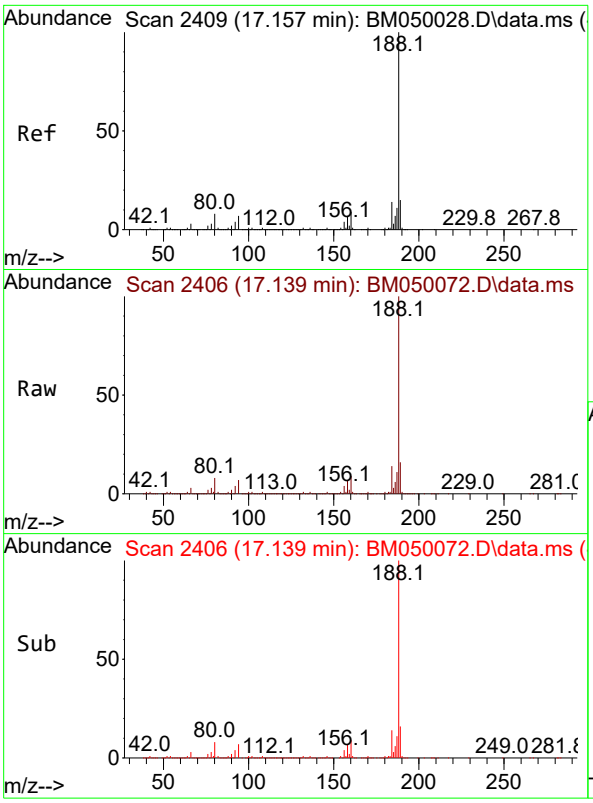


#45
2-Fluorobiphenyl
Concen: 38.278 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050072.D
Acq: 01 May 2025 20:00

Tgt Ion:172 Resp: 2208129

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	23.2	18.6	28.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM050072.D
Acq: 01 May 2025 20:00

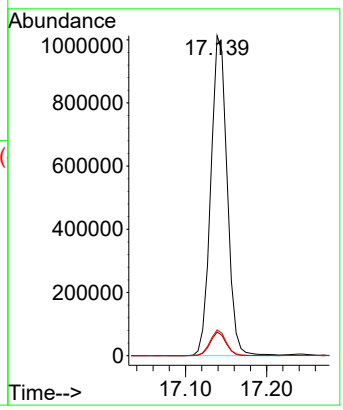
Tgt Ion:188 Resp: 141367

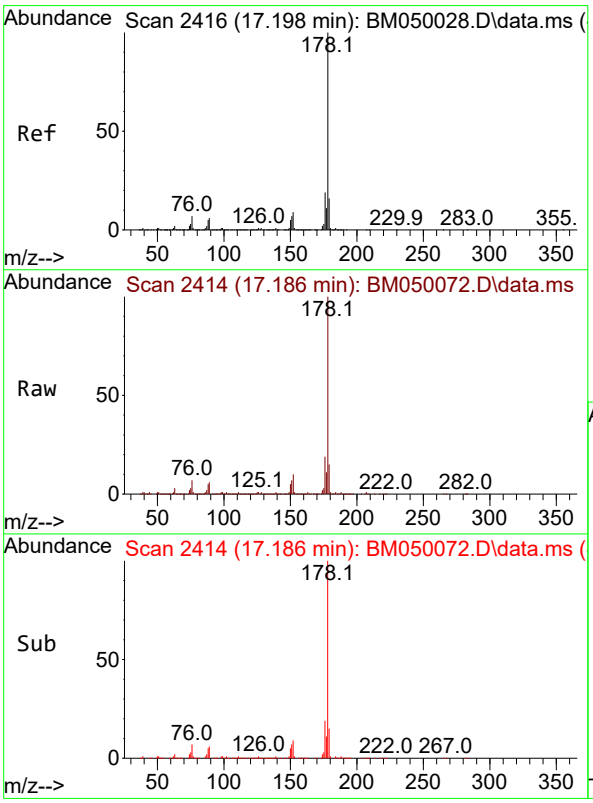
Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.7	8.5
80	8.1	6.2	9.4

Instrument :
BNA_M
ClientSampleId :
SS-4

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

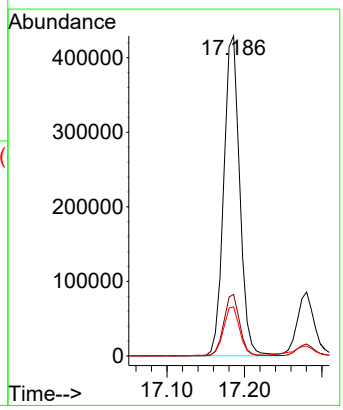


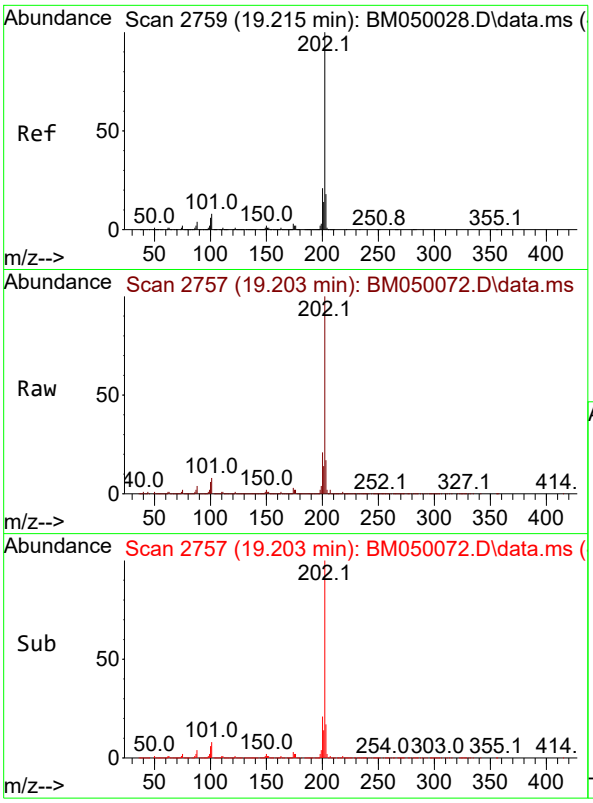


#71
Phenanthrene
Concen: 7.706 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BM050072.D
Acq: 01 May 2025 20:00

Tgt Ion:178 Resp: 614421

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.4	12.4	18.6

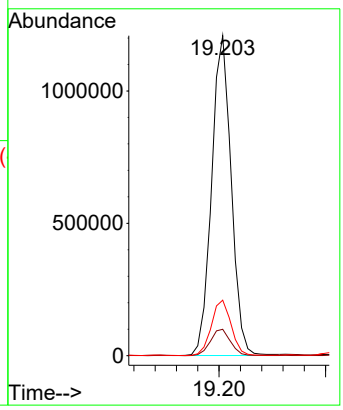




#75
Fluoranthene
Concen: 16.474 ng
RT: 19.203 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050072.D
Acq: 01 May 2025 20:00

Tgt Ion:202 Resp: 154216

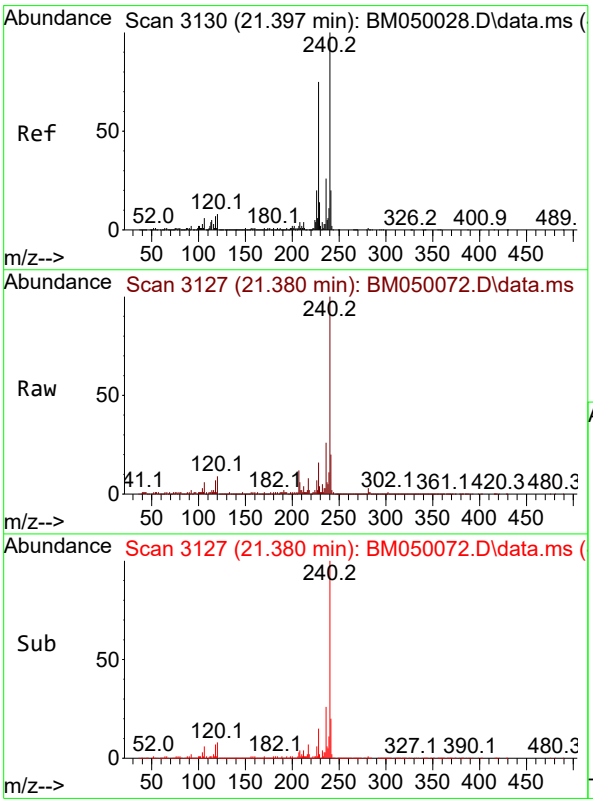
Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	28.0
203	17.3	0.0	37.7



Instrument :
BNA_M
ClientSampleId :
SS-4

Manual Integrations
APPROVED

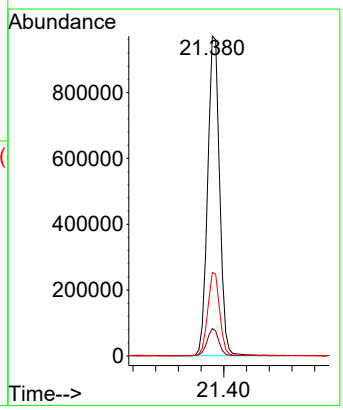
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

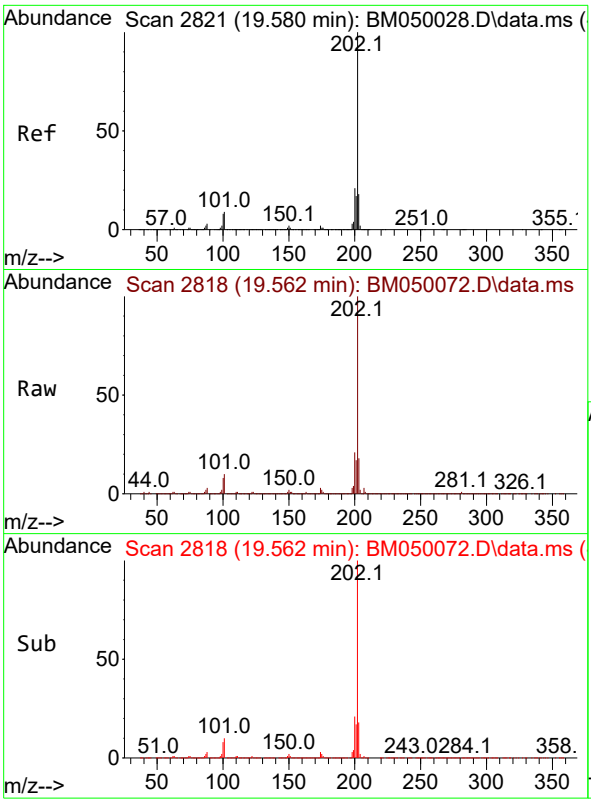


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.017 min
Lab File: BM050072.D
Acq: 01 May 2025 20:00

Tgt Ion:240 Resp: 1410216

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.5	9.7
236	26.1	20.9	31.3

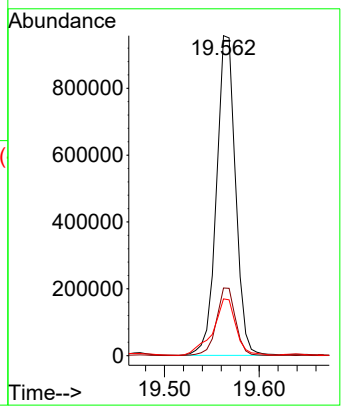




#78
Pyrene
Concen: 13.492 ng
RT: 19.562 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050072.D
Acq: 01 May 2025 20:00

Tgt Ion:202 Resp: 133613

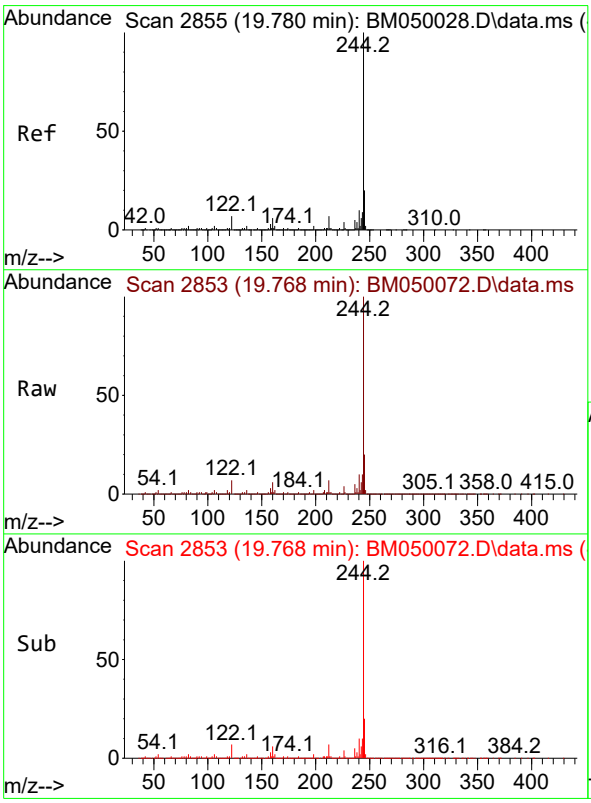
Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.7	14.1	21.1



Instrument :
BNA_M
ClientSampleId :
SS-4

Manual Integrations
APPROVED

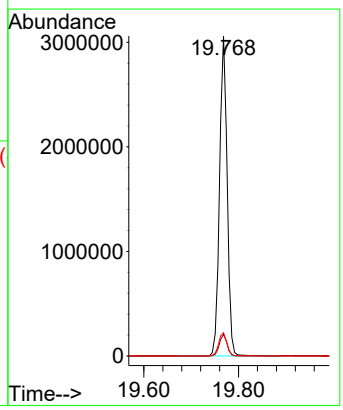
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

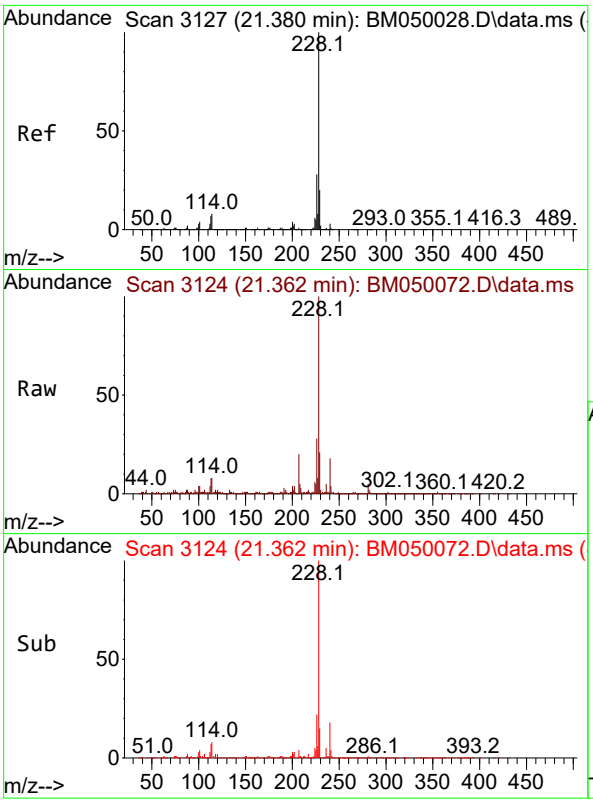


#79
Terphenyl-d14
Concen: 35.670 ng
RT: 19.768 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BM050072.D
Acq: 01 May 2025 20:00

Tgt Ion:244 Resp: 3399375

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	7.2	5.6	8.4

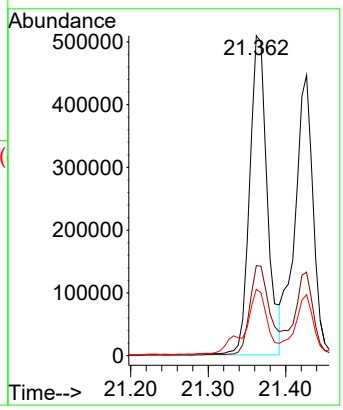




#81
Benzo(a)anthracene
Concen: 8.301 ng
RT: 21.362 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050072.D
Acq: 01 May 2025 20:00

Tgt Ion:228 Resp: 80614

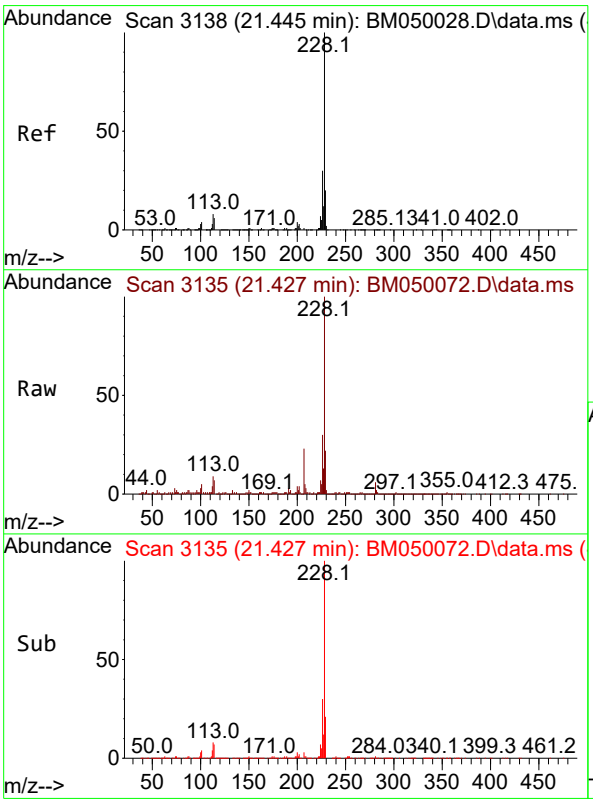
Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.1	33.1
229	20.8	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
SS-4

Manual Integrations
APPROVED

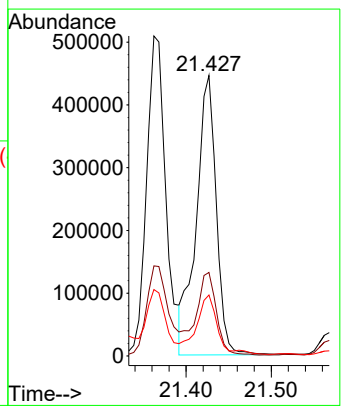
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

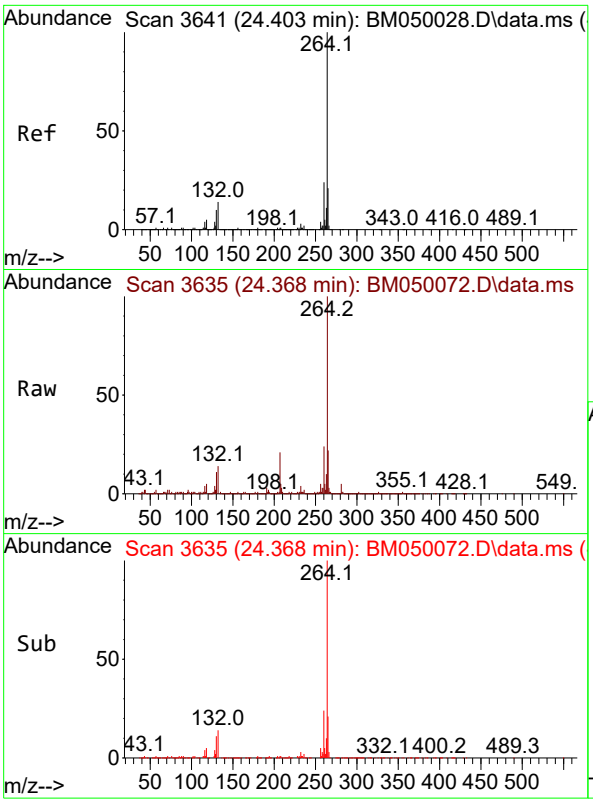


#83
Chrysene
Concen: 8.119 ng
RT: 21.427 min Scan# 3135
Delta R.T. -0.018 min
Lab File: BM050072.D
Acq: 01 May 2025 20:00

Tgt Ion:228 Resp: 729730

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.2
229	21.7	15.7	23.5

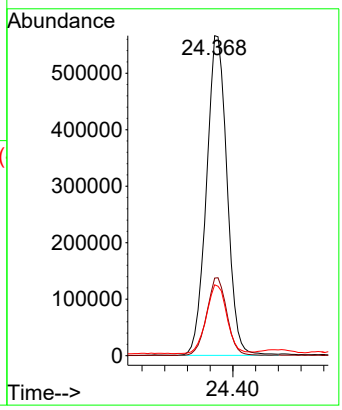




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.368 min Scan# 3
Delta R.T. -0.035 min
Lab File: BM050072.D
Acq: 01 May 2025 20:00

Tgt Ion:264 Resp: 142152

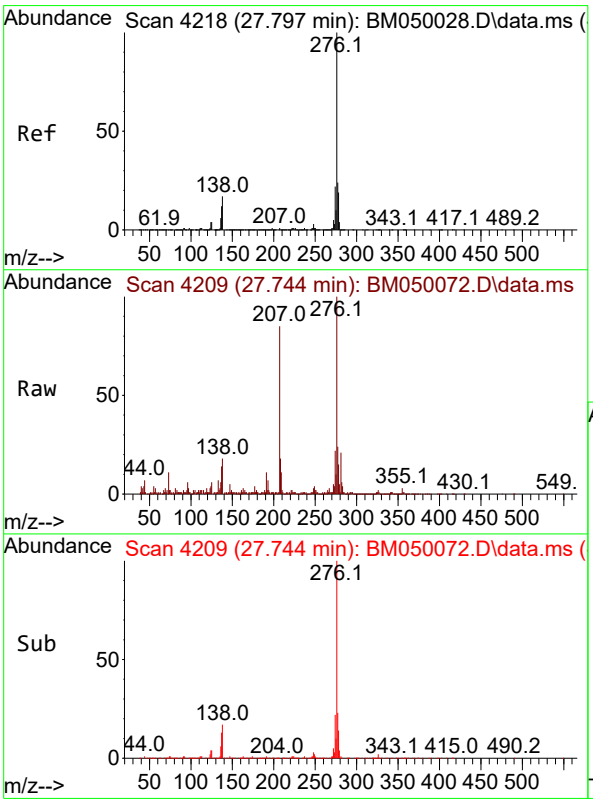
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	22.2	17.0	25.4



Instrument :
BNA_M
ClientSampleId :
SS-4

Manual Integrations
APPROVED

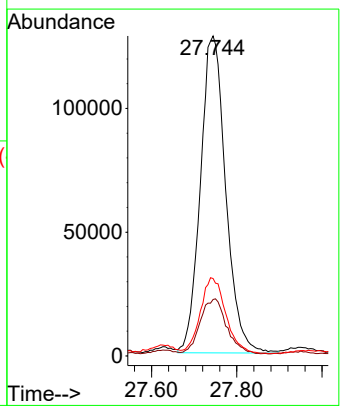
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

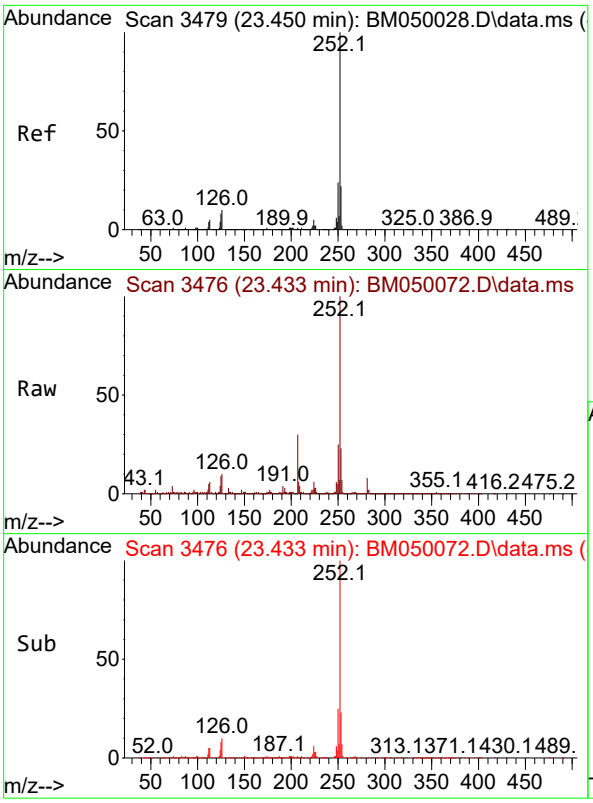


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.986 ng
RT: 27.744 min Scan# 4209
Delta R.T. -0.053 min
Lab File: BM050072.D
Acq: 01 May 2025 20:00

Tgt Ion:276 Resp: 528099

Ion	Ratio	Lower	Upper
276	100		
138	18.1	16.4	24.6
277	24.0	19.8	29.8

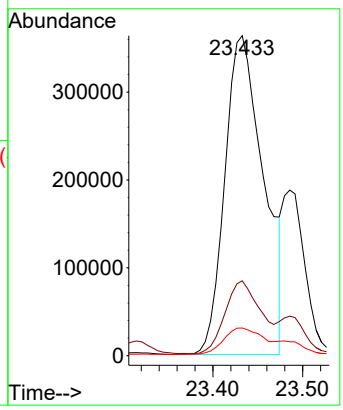




#88
Benzo(b)fluoranthene
Concen: 11.780 ng
RT: 23.433 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050072.D
Acq: 01 May 2025 20:00

Tgt Ion:252 Resp: 108901

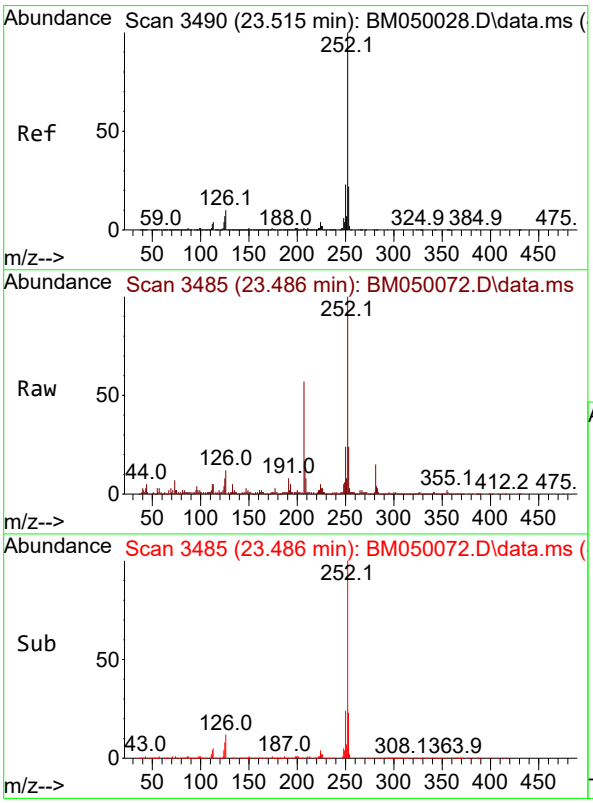
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	8.6	6.1	9.1



Instrument :
BNA_M
ClientSampleId :
SS-4

Manual Integrations
APPROVED

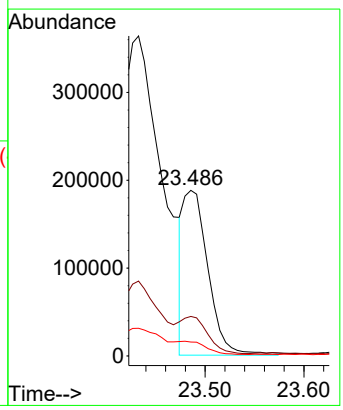
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

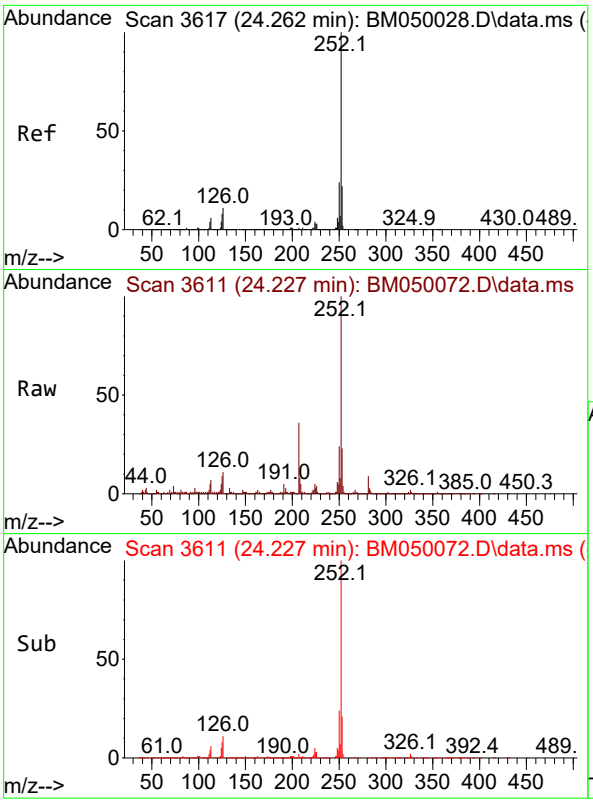


#89
Benzo(k)fluoranthene
Concen: 3.495 ng m
RT: 23.486 min Scan# 3485
Delta R.T. -0.029 min
Lab File: BM050072.D
Acq: 01 May 2025 20:00

Tgt Ion:252 Resp: 326794

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.2
125	8.4	5.8	8.8

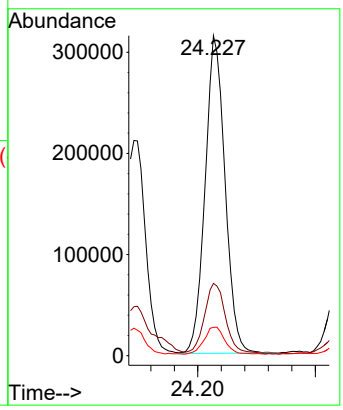




#90
Benzo(a)pyrene
Concen: 8.525 ng
RT: 24.227 min Scan# 3
Delta R.T. -0.035 min
Lab File: BM050072.D
Acq: 01 May 2025 20:00

Tgt Ion:252 Resp: 73812

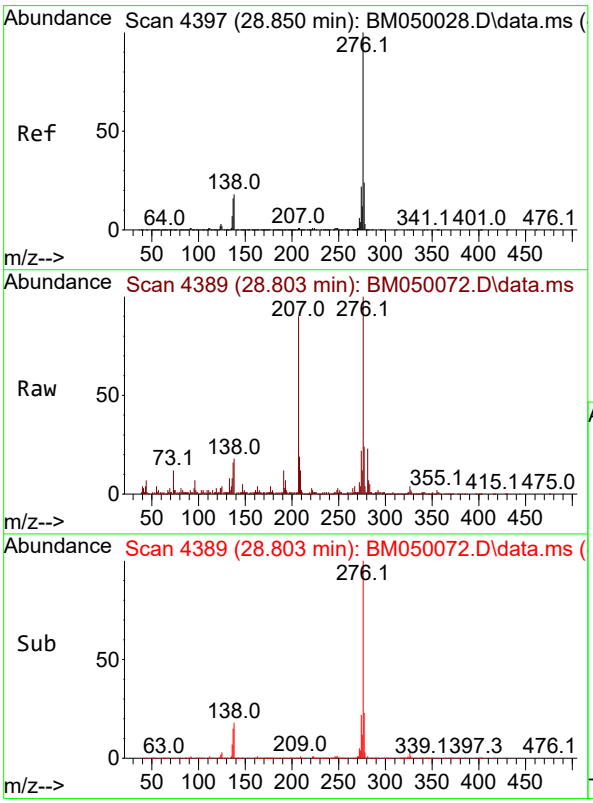
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	8.9	6.6	9.8



Instrument :
BNA_M
ClientSampleId :
SS-4

Manual Integrations
APPROVED

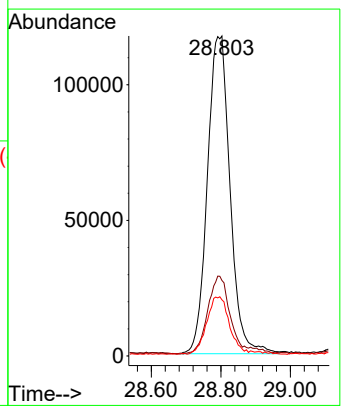
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#92
Benzo(g,h,i)perylene
Concen: 6.422 ng
RT: 28.803 min Scan# 4389
Delta R.T. -0.047 min
Lab File: BM050072.D
Acq: 01 May 2025 20:00

Tgt Ion:276 Resp: 530889

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	17.5	14.3	21.5



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-5	SDG No.:	Q1914
Lab Sample ID:	Q1914-06	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.7
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050106.D	1	04/30/25 11:00	05/05/25 19:37	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	190	U	25.3	190	ug/Kg
208-96-8	Acenaphthylene	190	U	32.2	190	ug/Kg
83-32-9	Acenaphthene	120	J	23.7	190	ug/Kg
86-73-7	Fluorene	250		28.2	190	ug/Kg
85-01-8	Phenanthrene	200		23.3	190	ug/Kg
120-12-7	Anthracene	100	J	37.1	190	ug/Kg
206-44-0	Fluoranthene	360		33.4	190	ug/Kg
129-00-0	Pyrene	360		40.1	190	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	25.6	190	ug/Kg
218-01-9	Chrysene	120	J	22.2	190	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	21.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	U	24.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	32.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	U	32.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	U	30.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	78.8	J	28.6	190	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	41.6		18 - 107	42%	SPK: 100
321-60-8	2-Fluorobiphenyl	40.5		20 - 109	41%	SPK: 100
1718-51-0	Terphenyl-d14	38.1		10 - 105	38%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	358000	7.745			
1146-65-2	Naphthalene-d8	1220000	10.539			
15067-26-2	Acenaphthene-d10	725000	14.398			
1517-22-2	Phenanthrene-d10	1420000	17.145			
1719-03-5	Chrysene-d12	1470000	21.386			
1520-96-3	Perylene-d12	1570000	24.374			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-5	SDG No.:	Q1914
Lab Sample ID:	Q1914-06	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.7
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050106.D	1	04/30/25 11:00	05/05/25 19:37	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050106.D
Acq On : 05 May 2025 19:37
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

Quant Time: May 06 05:19:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

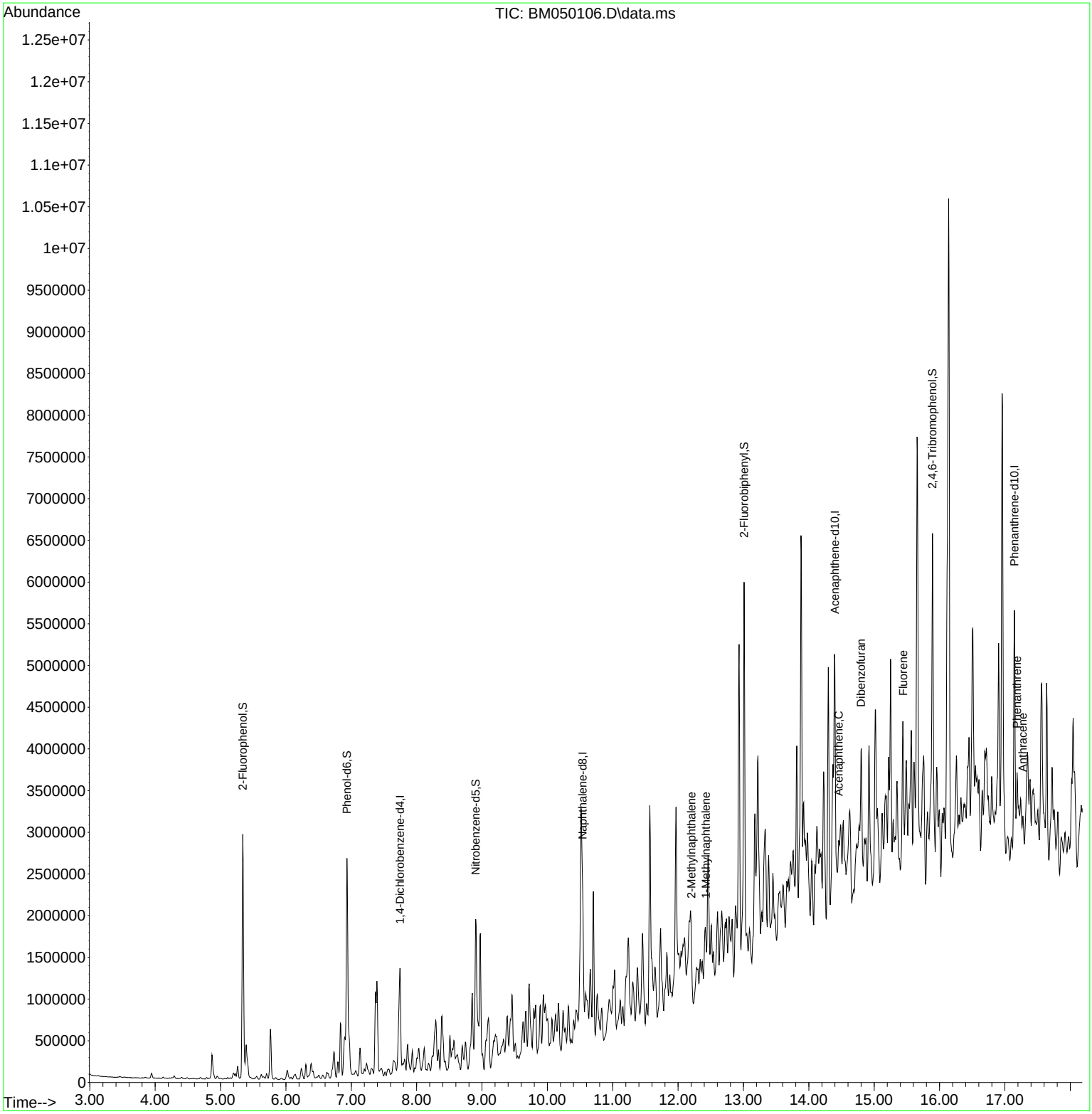
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	357595	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	1220331	20.000	ng	#-0.02
39) Acenaphthene-d10	14.398	164	725121	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	1422912	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	1469025	20.000	ng	-0.01
86) Perylene-d12	24.374	264	1573716	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1384727	67.807	ng	-0.02
7) Phenol-d6	6.934	99	1764062	68.728	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1031314	41.644	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	804999	75.080	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	2483148	40.511	ng	-0.02
79) Terphenyl-d14	19.768	244	3779793	38.074	ng	-0.01
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.204	142	185313	4.472	ng	# 94
38) 1-Methylnaphthalene	12.427	142	127302	2.903	ng	# 94
52) Acenaphthene	14.457	154	124795	3.203	ng	93
55) Dibenzofuran	14.798	168	153650	2.370	ng	# 68
58) Fluorene	15.445	166	362788	6.837	ng	# 85
71) Phenanthrene	17.186	178	432164	5.385	ng	# 90
72) Anthracene	17.274	178	228676	2.816	ng	# 85
75) Fluoranthene	19.203	202	901783	9.571	ng	97
78) Pyrene	19.568	202	1013570	9.825	ng	99
81) Benzo(a)anthracene	21.368	228	307472	3.039	ng	97
83) Chrysene	21.427	228	296040	3.162	ng	97
88) Benzo(b)fluoranthene	23.433	252	409503	4.001	ng	# 96
90) Benzo(a)pyrene	24.232	252	294894	3.076	ng	# 96
92) Benzo(g,h,i)perylene	28.803	276	194268	2.123	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050106.D
Acq On : 05 May 2025 19:37
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

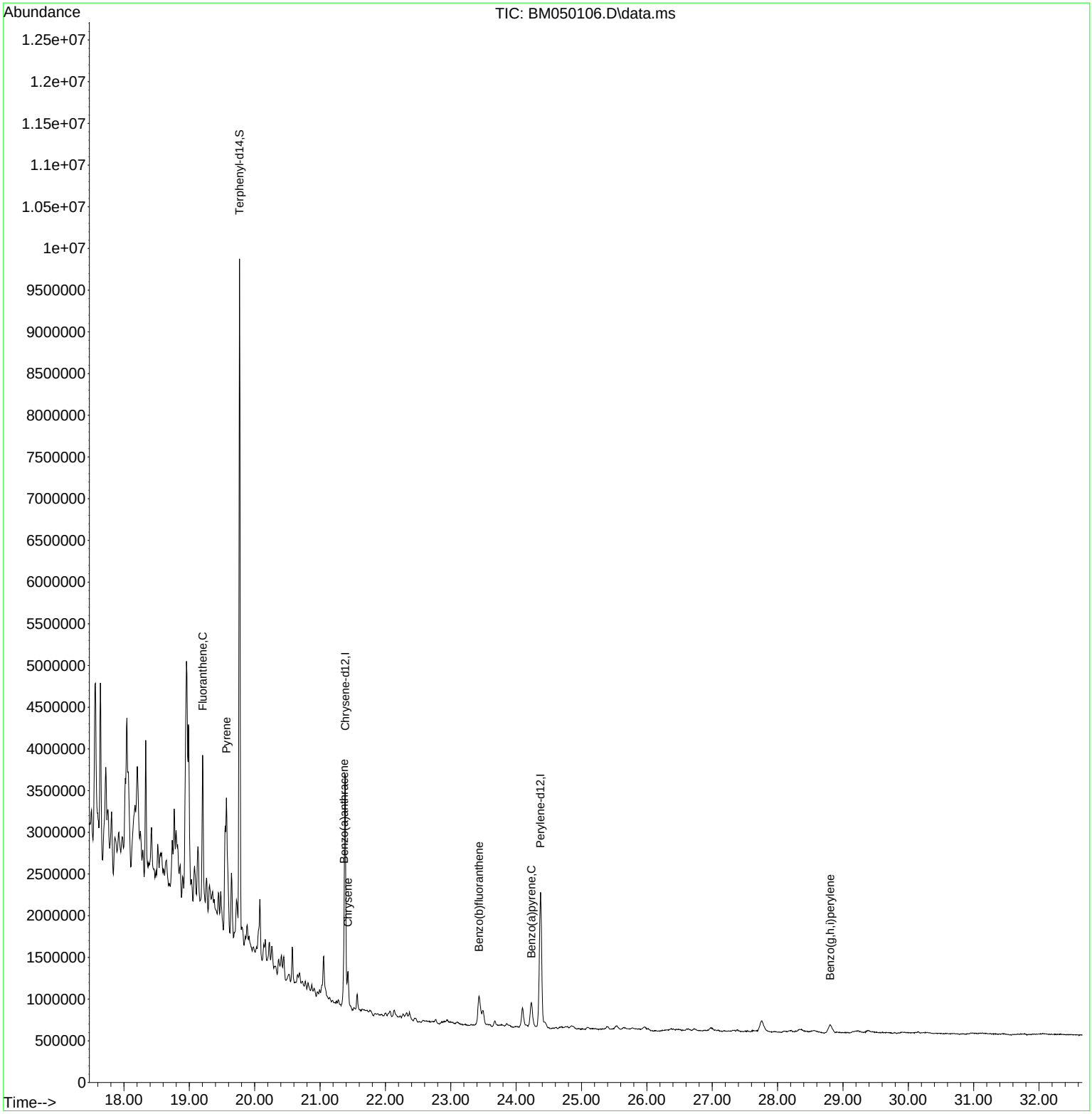
Quant Time: May 06 05:19:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

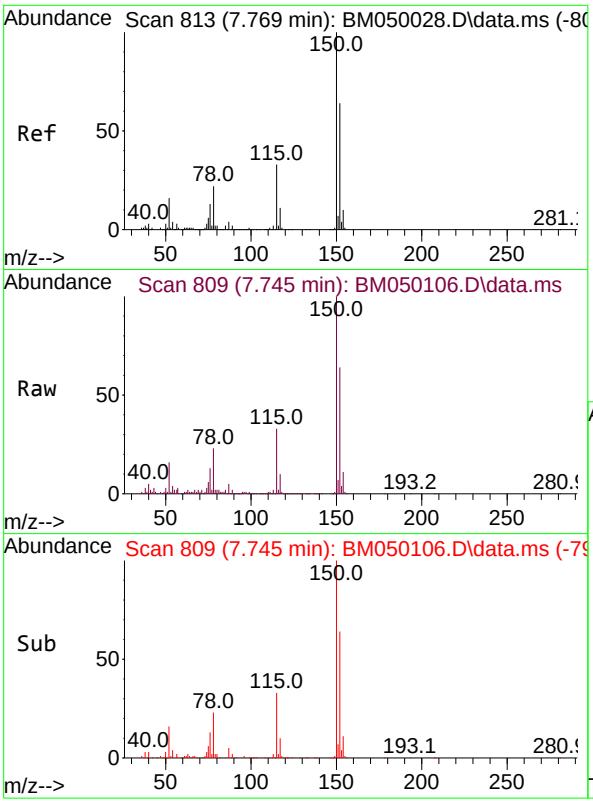


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050106.D
Acq On : 05 May 2025 19:37
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

Quant Time: May 06 05:19:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



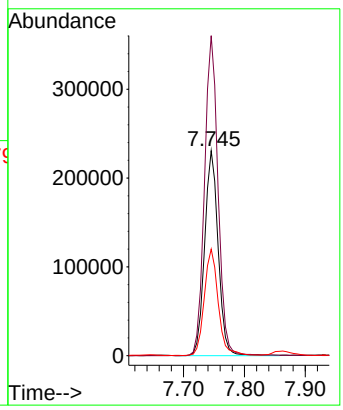


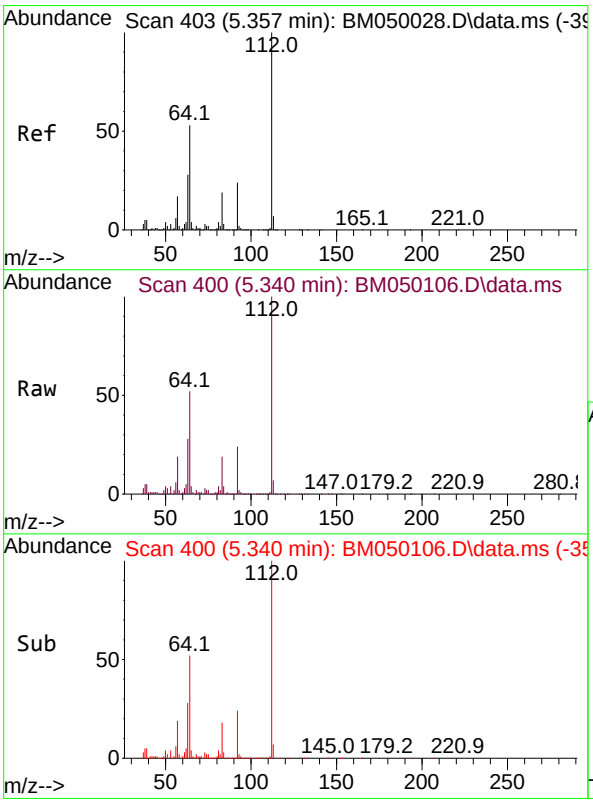
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion:152 Resp: 357595

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.1	186.1
115	52.0	41.2	61.8

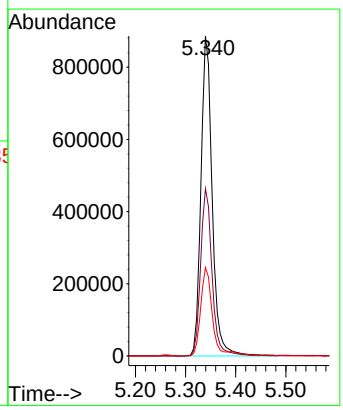


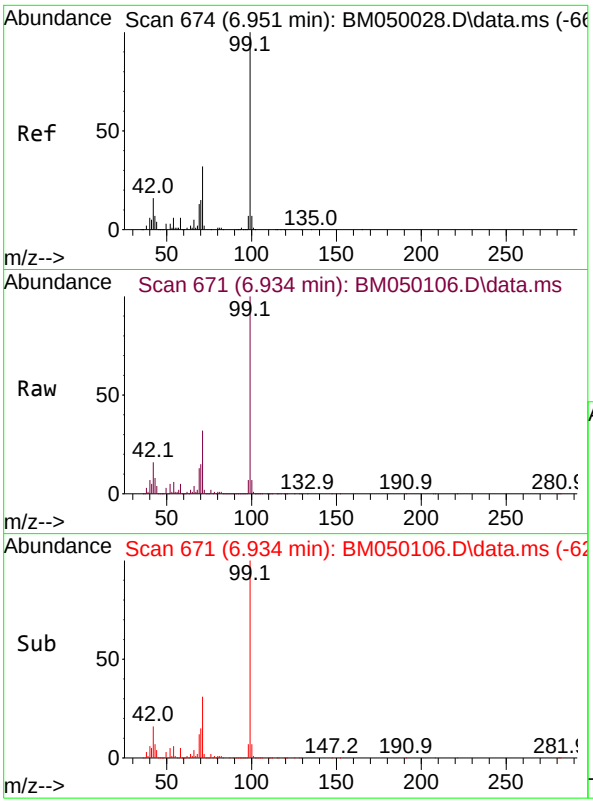


#5
2-Fluorophenol
Concen: 67.807 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:112 Resp: 1384727

Ion	Ratio	Lower	Upper
112	100		
64	52.3	42.6	64.0
63	27.6	22.2	33.4



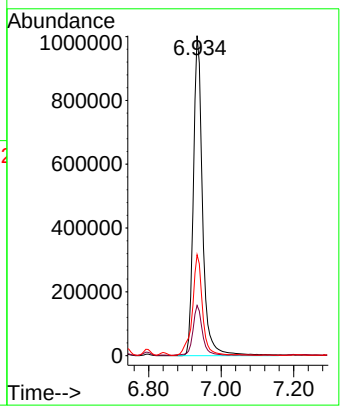


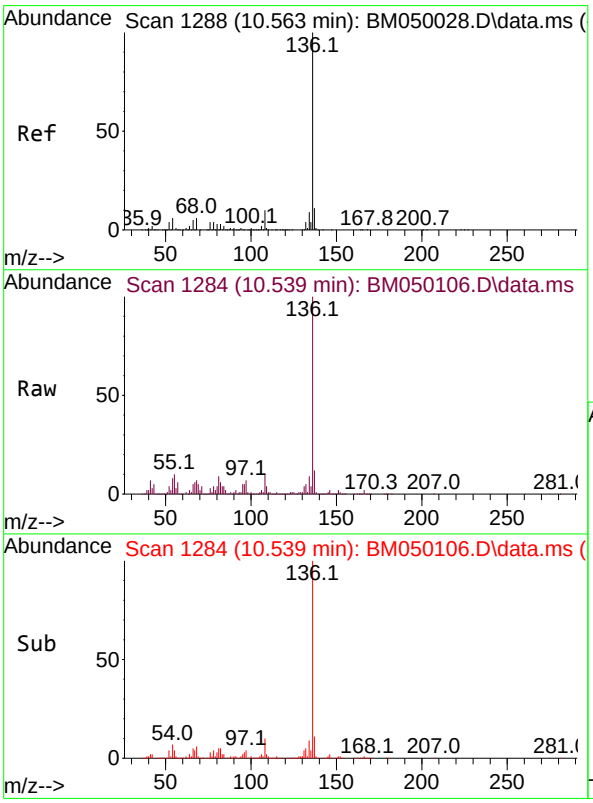
#7
Phenol-d6
Concen: 68.728 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion: 99 Resp: 1764062

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.0	19.4
71	31.5	25.6	38.4

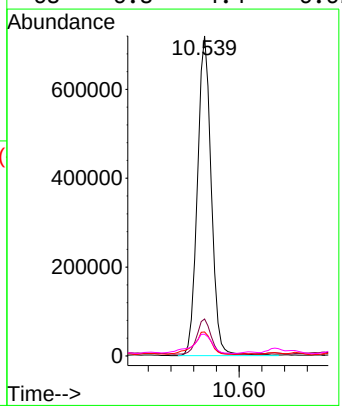


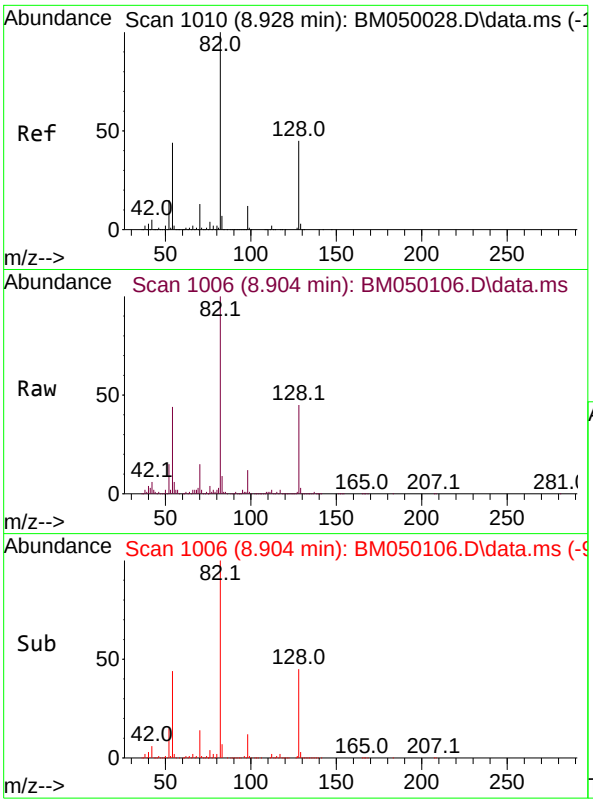


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:136 Resp: 1220331

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.5	5.1	7.7
68	6.8	4.4	6.6#



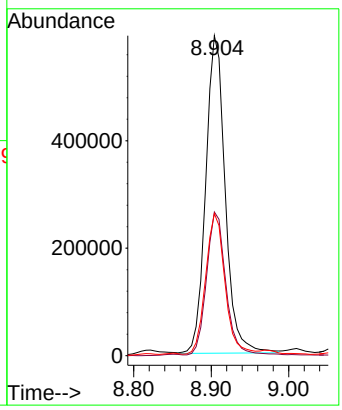


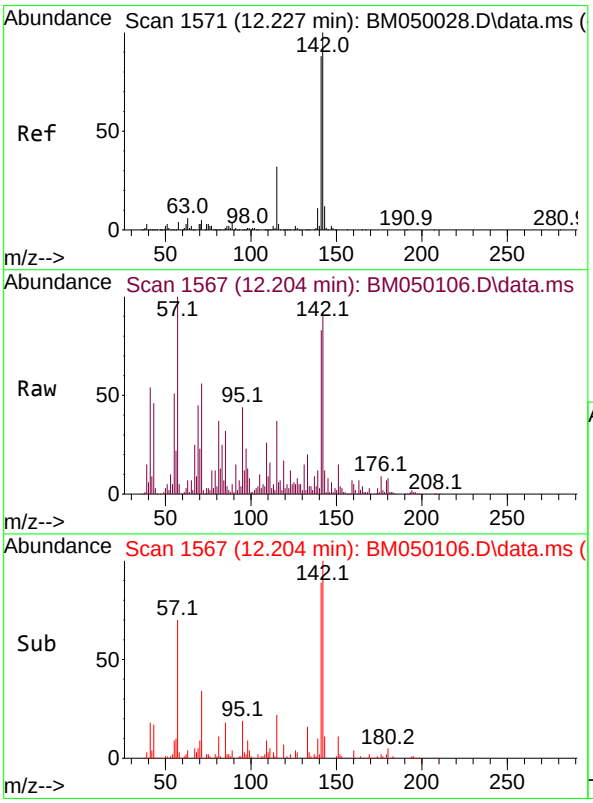
#23
Nitrobenzene-d5
Concen: 41.644 ng
RT: 8.904 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion: 82 Resp: 1031314

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.7	53.5
54	44.4	35.4	53.2

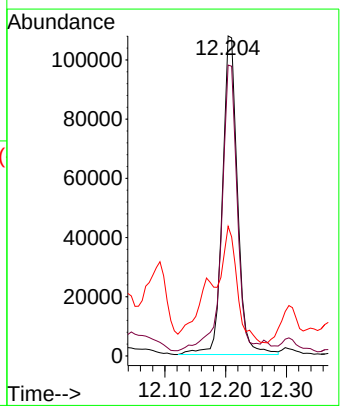


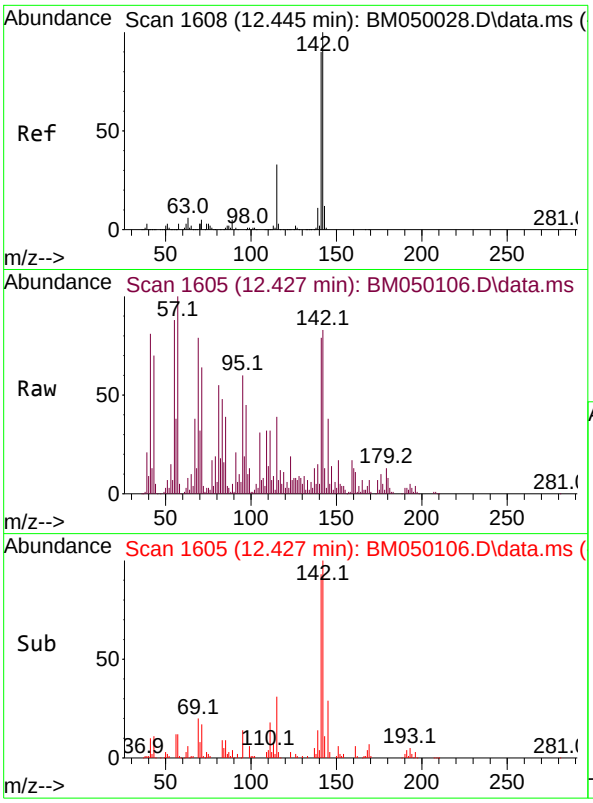


#37
2-Methylnaphthalene
Concen: 4.472 ng
RT: 12.204 min Scan# 1567
Delta R.T. -0.024 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:142 Resp: 185313

Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.4	105.6
115	40.5	25.4	38.2#



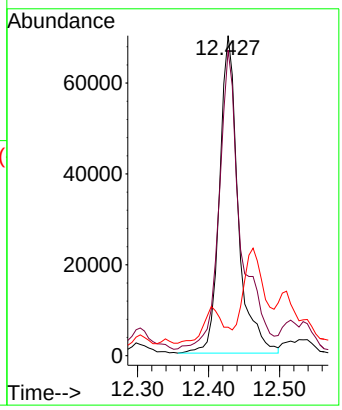


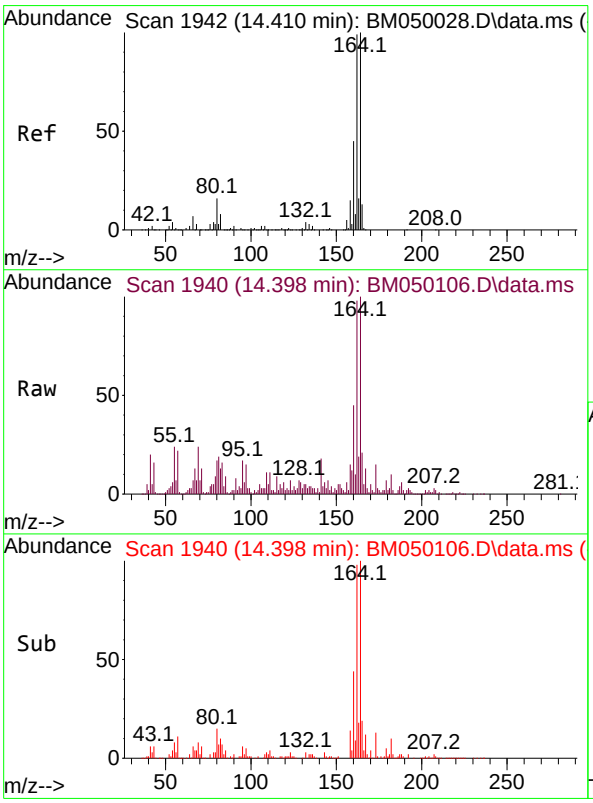
#38
1-Methylnaphthalene
Concen: 2.903 ng
RT: 12.427 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion:142 Resp: 127302

Ion	Ratio	Lower	Upper
142	100		
141	95.5	72.1	108.1
116	8.9	2.7	4.1#

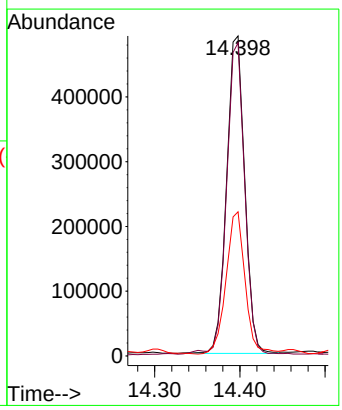


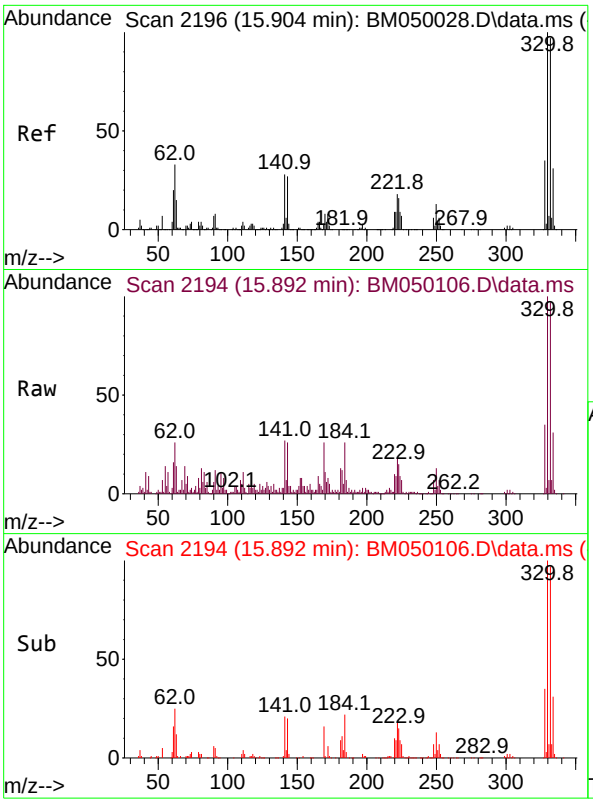


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. -0.012 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:164 Resp: 725121

Ion	Ratio	Lower	Upper
164	100		
162	97.9	79.4	119.0
160	45.0	36.2	54.4



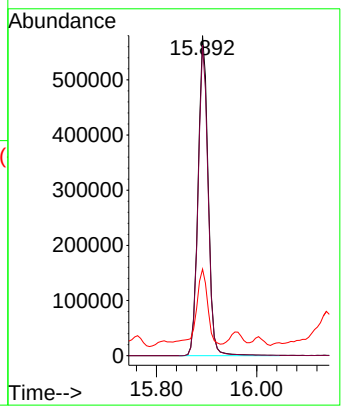


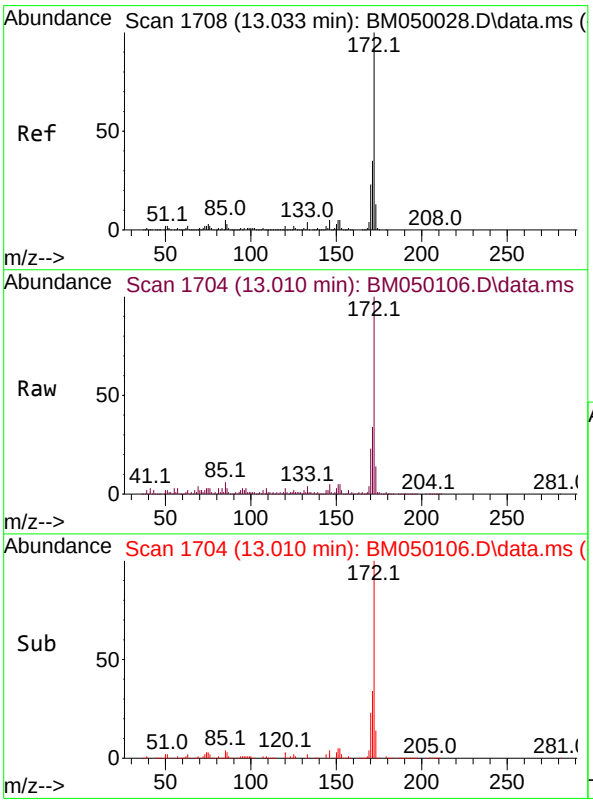
#42
2,4,6-Tribromophenol
Concen: 75.080 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion:330 Resp: 804999

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	25.7	22.5	33.7

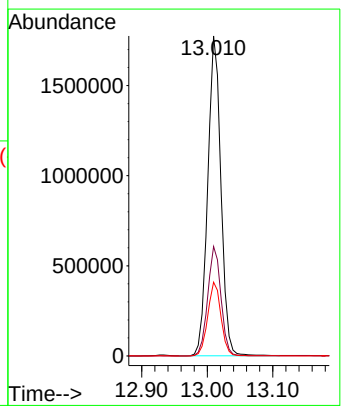


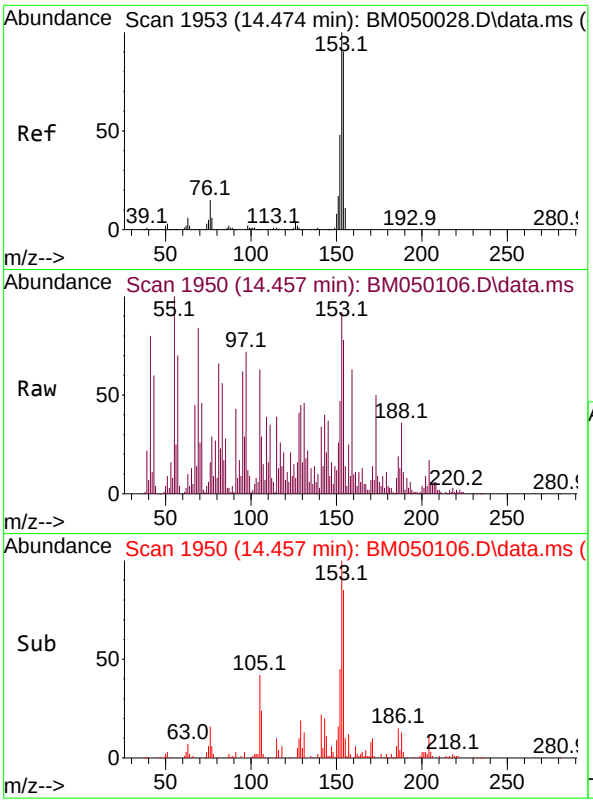


#45
2-Fluorobiphenyl
Concen: 40.511 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:172 Resp: 2483148

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.8	41.6
170	23.0	18.6	28.0



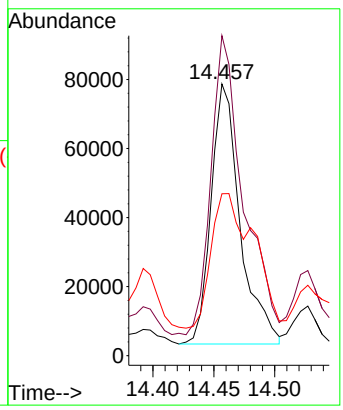


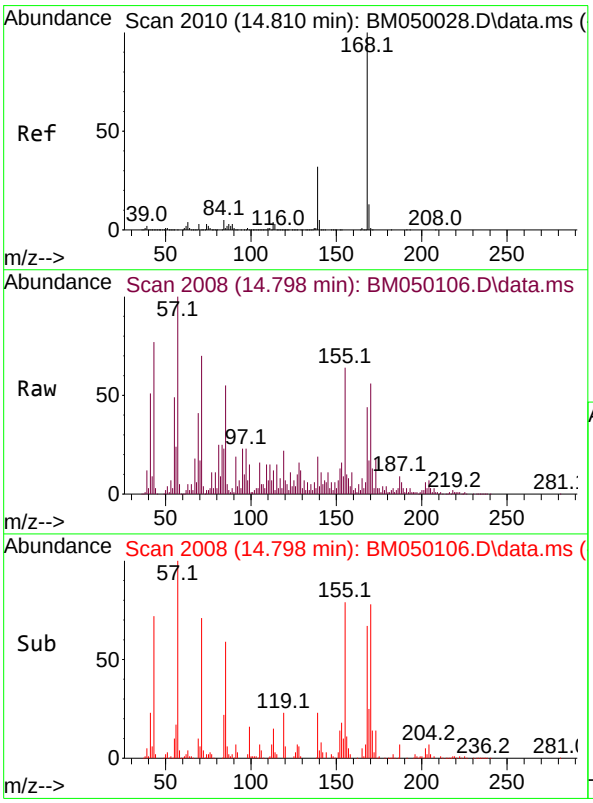
#52
Acenaphthene
Concen: 3.203 ng
RT: 14.457 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion:154 Resp: 124795

Ion	Ratio	Lower	Upper
154	100		
153	117.8	89.0	133.4
152	59.6	43.0	64.6

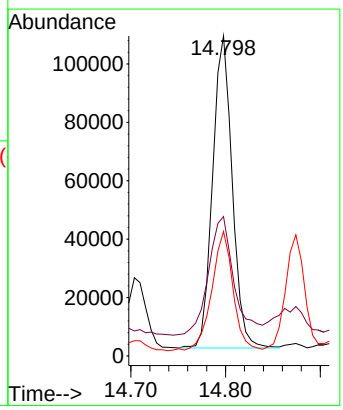


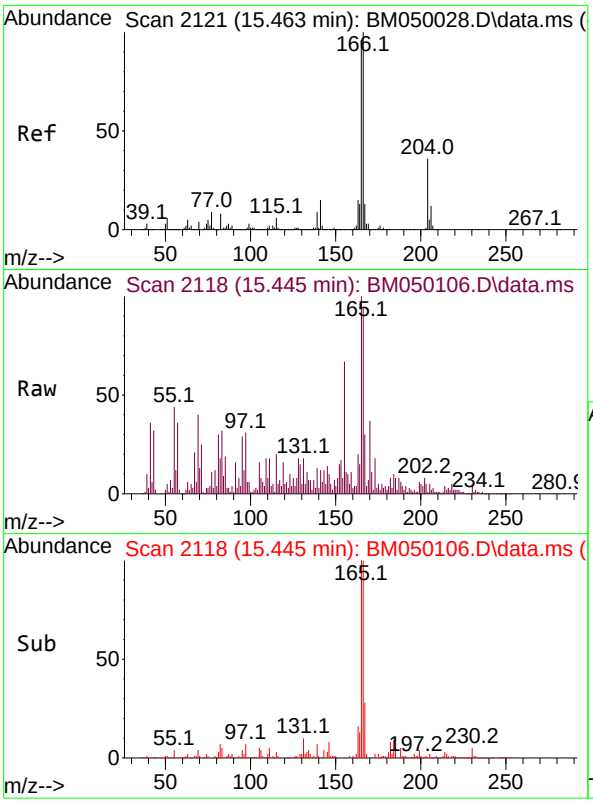


#55
Dibenzofuran
Concen: 2.370 ng
RT: 14.798 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:168 Resp: 153650

Ion	Ratio	Lower	Upper
168	100		
139	43.6	26.1	39.1#
169	38.9	10.8	16.2#



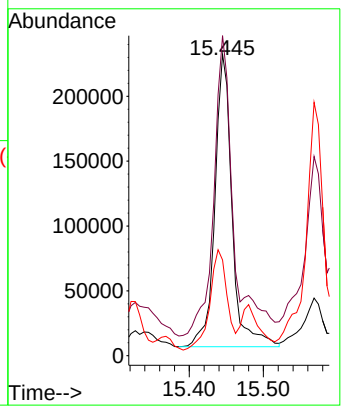


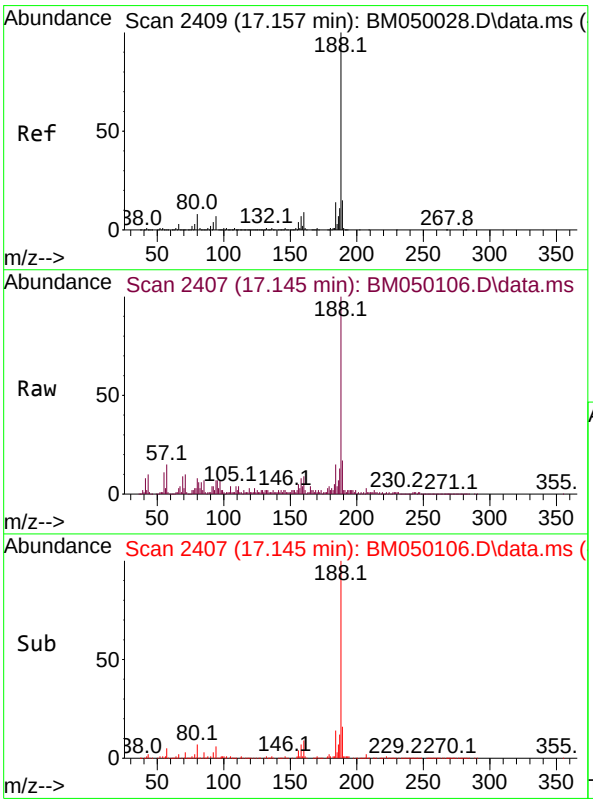
#58
Fluorene
Concen: 6.837 ng
RT: 15.445 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion:166 Resp: 362788

Ion	Ratio	Lower	Upper
166	100		
165	106.2	76.6	115.0
167	31.7	10.6	16.0#

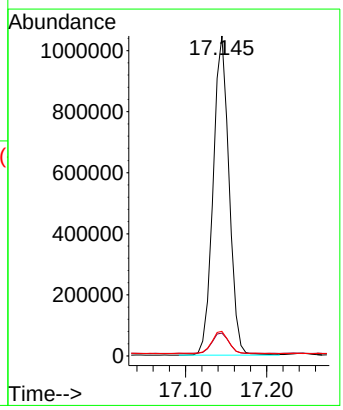


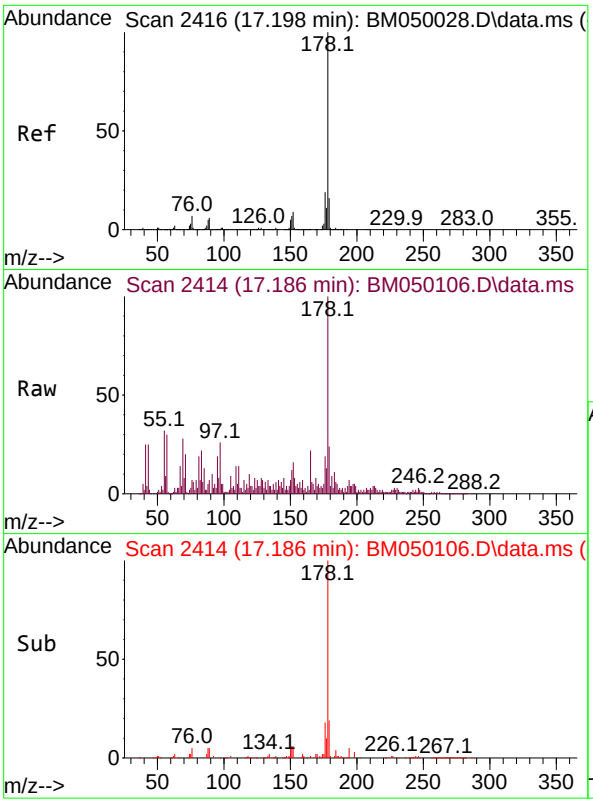


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:188 Resp: 1422912

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.7	8.5
80	7.7	6.2	9.4



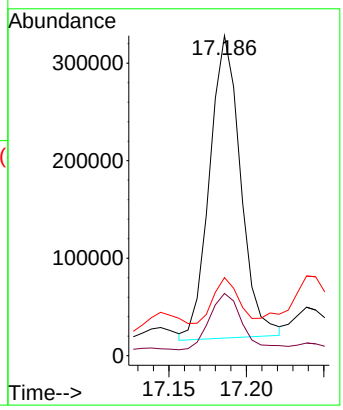


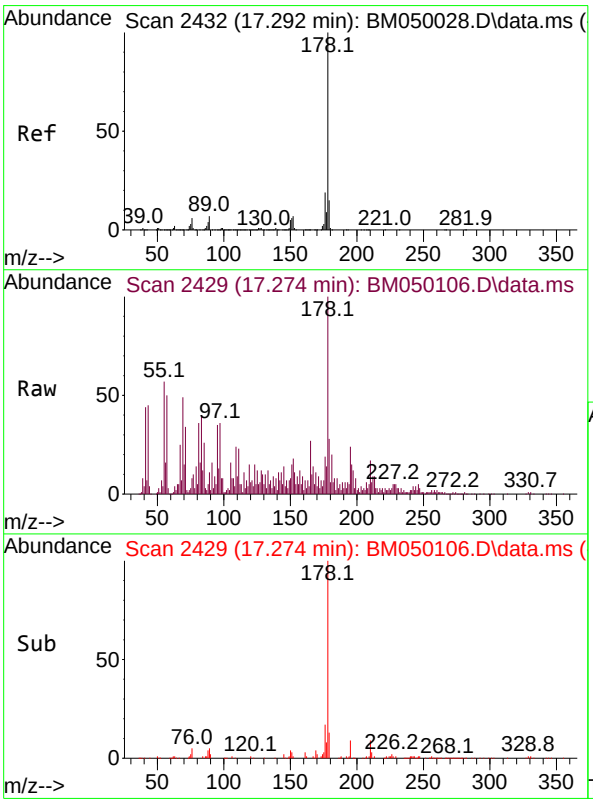
#71
Phenanthrene
Concen: 5.385 ng
RT: 17.186 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion:178 Resp: 432164

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	24.4	12.4	18.6#

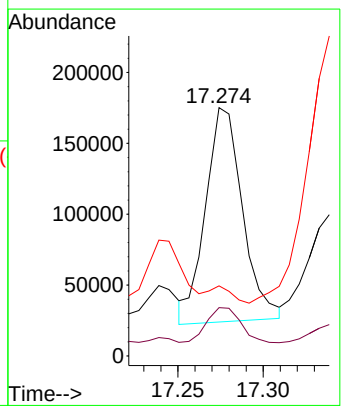


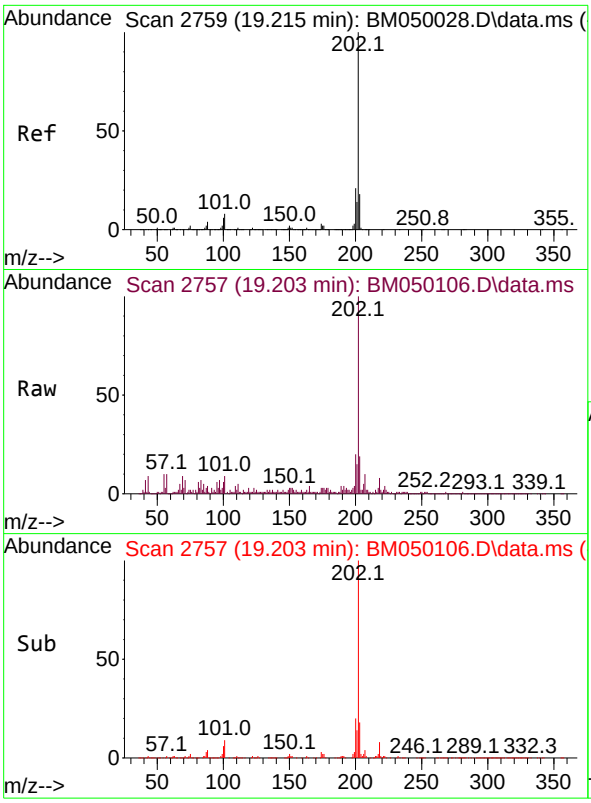


#72
Anthracene
Concen: 2.816 ng
RT: 17.274 min Scan# 2429
Delta R.T. -0.018 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:178 Resp: 228676

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.0	22.4
179	28.2	12.2	18.4#



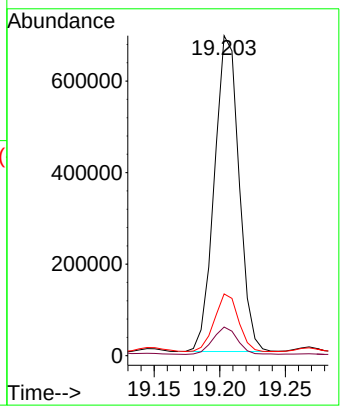


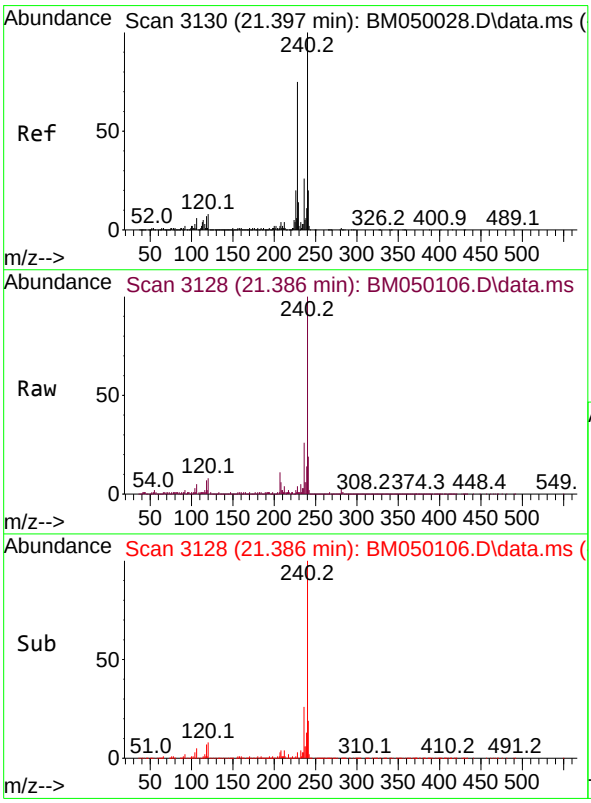
#75
Fluoranthene
Concen: 9.571 ng
RT: 19.203 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion:202 Resp: 901783

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	28.0
203	19.3	0.0	37.7

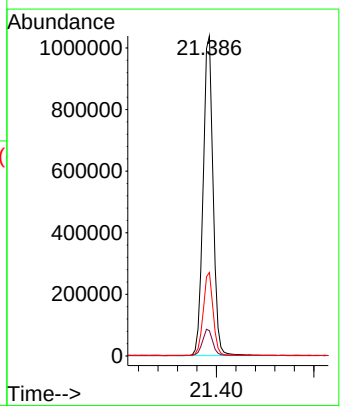


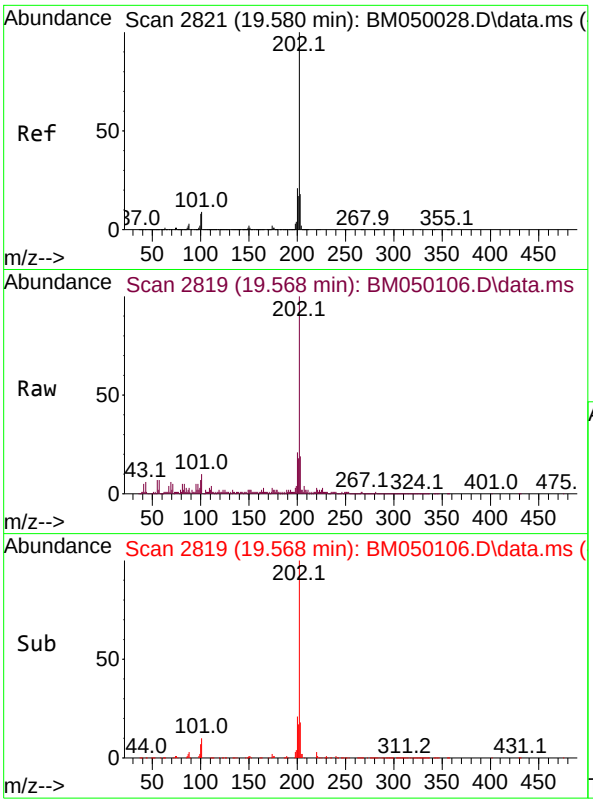


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:240 Resp: 1469025

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.5	9.7
236	26.1	20.9	31.3



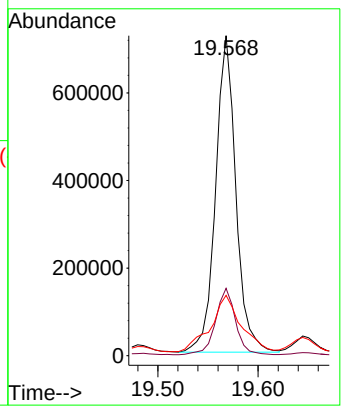


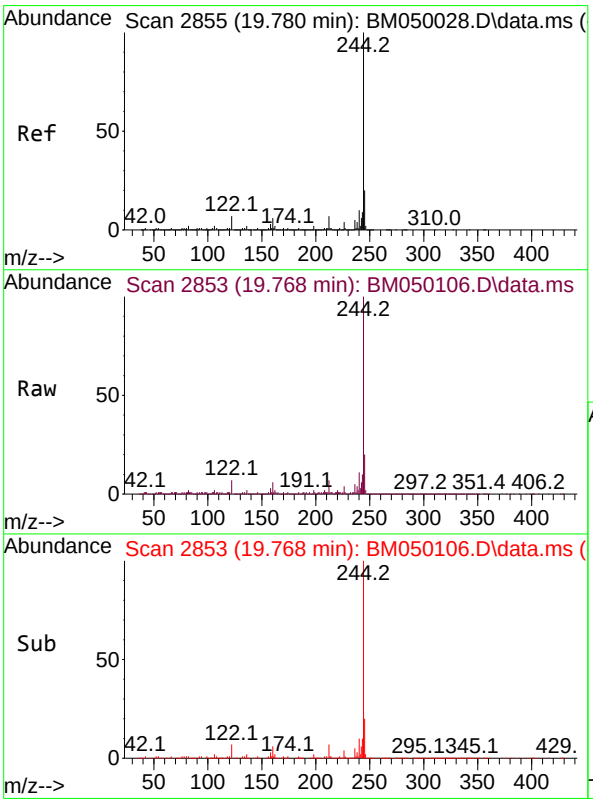
#78
Pyrene
Concen: 9.825 ng
RT: 19.568 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion:202 Resp: 1013570

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	18.9	14.1	21.1

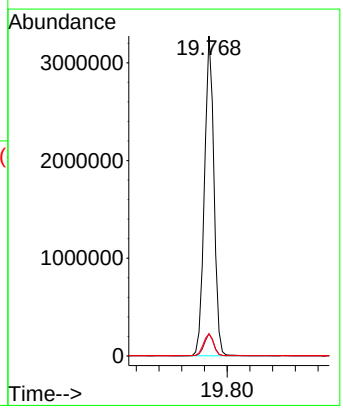


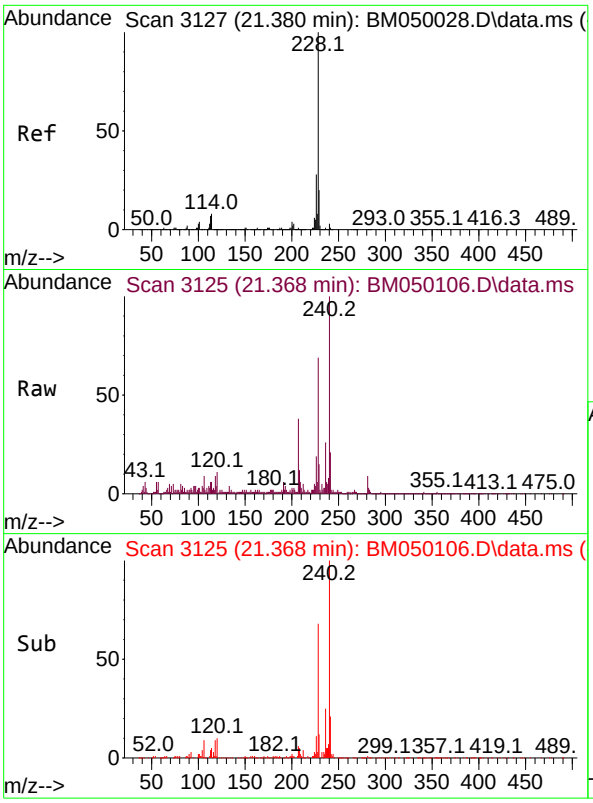


#79
Terphenyl-d14
Concen: 38.074 ng
RT: 19.768 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:244 Resp: 3779793

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	6.9	5.6	8.4



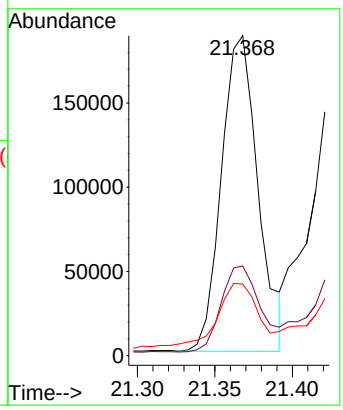


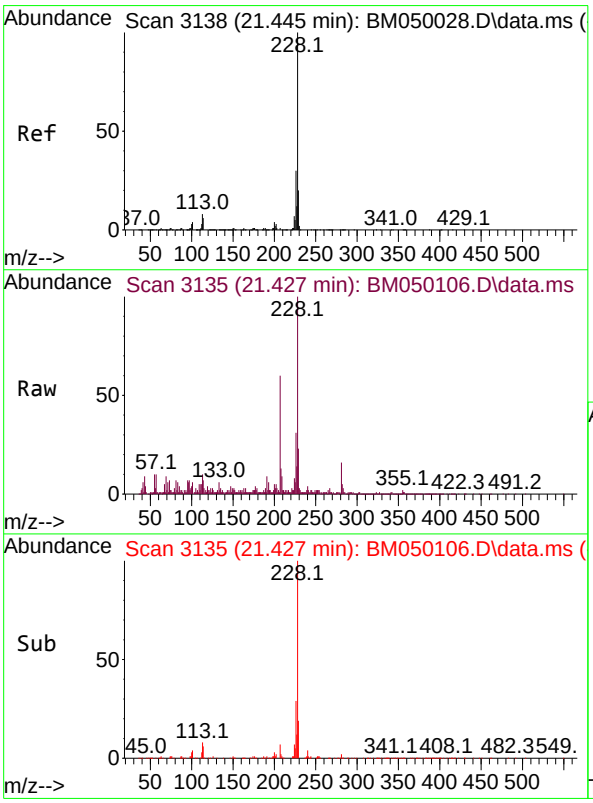
#81
Benzo(a)anthracene
Concen: 3.039 ng
RT: 21.368 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion:228 Resp: 307472

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.1	33.1
229	22.4	15.7	23.5

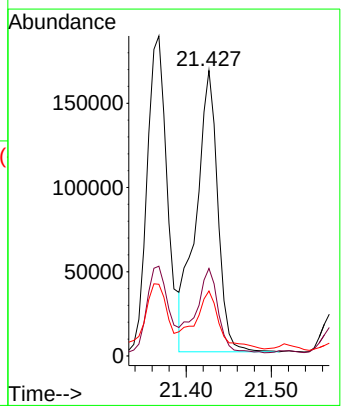


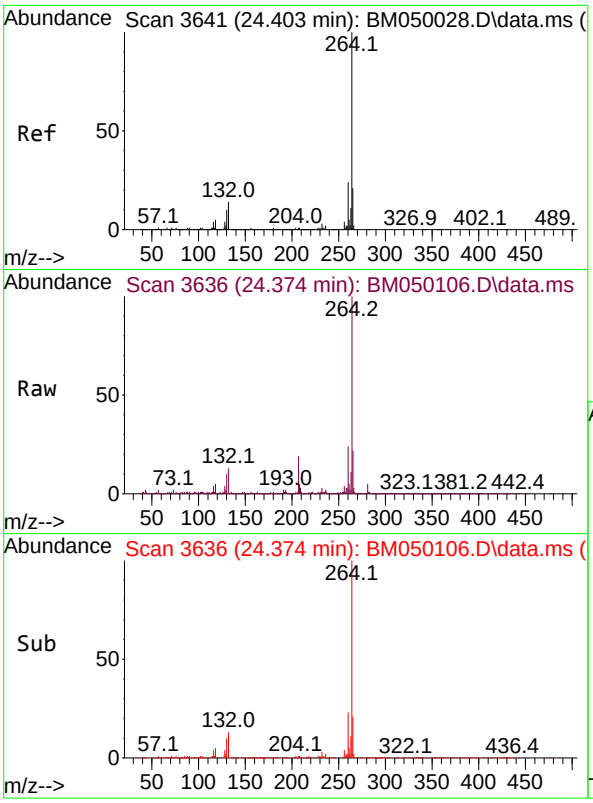


#83
Chrysene
Concen: 3.162 ng
RT: 21.427 min Scan# 3135
Delta R.T. -0.018 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:228 Resp: 296040

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	22.8	15.7	23.5



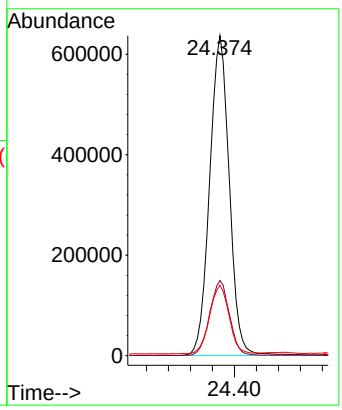


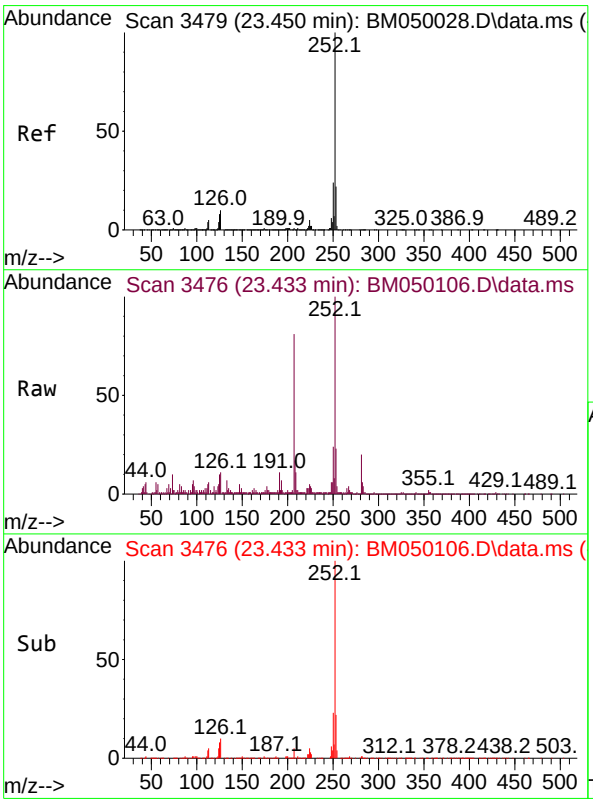
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3
Delta R.T. -0.030 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion:264 Resp: 1573716

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	22.0	17.0	25.4

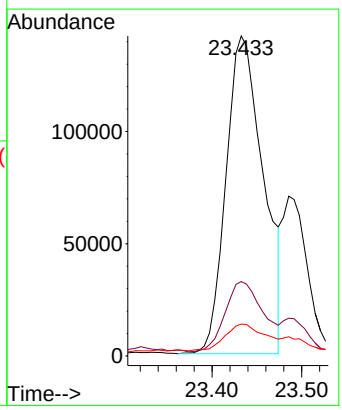


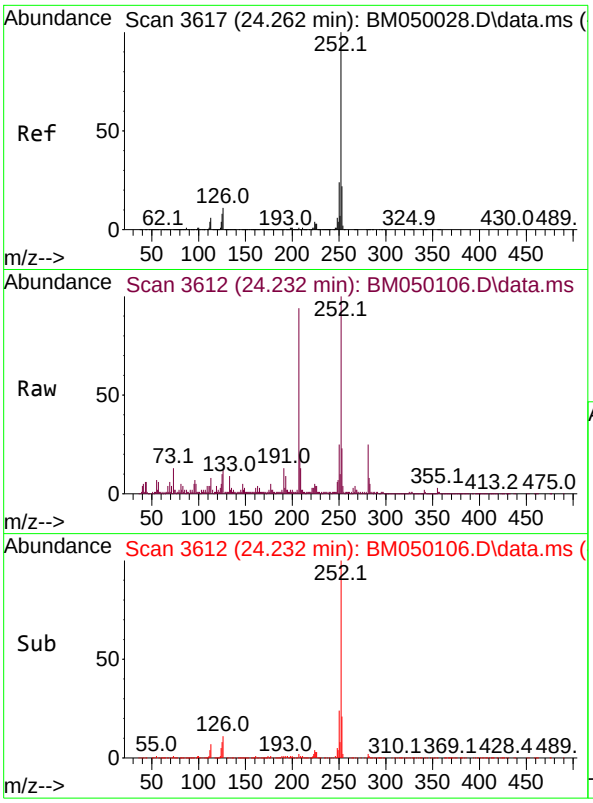


#88
Benzo(b)fluoranthene
Concen: 4.001 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.018 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:252 Resp: 409503

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	10.0	6.1	9.1#



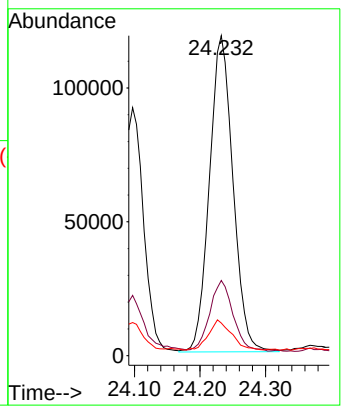


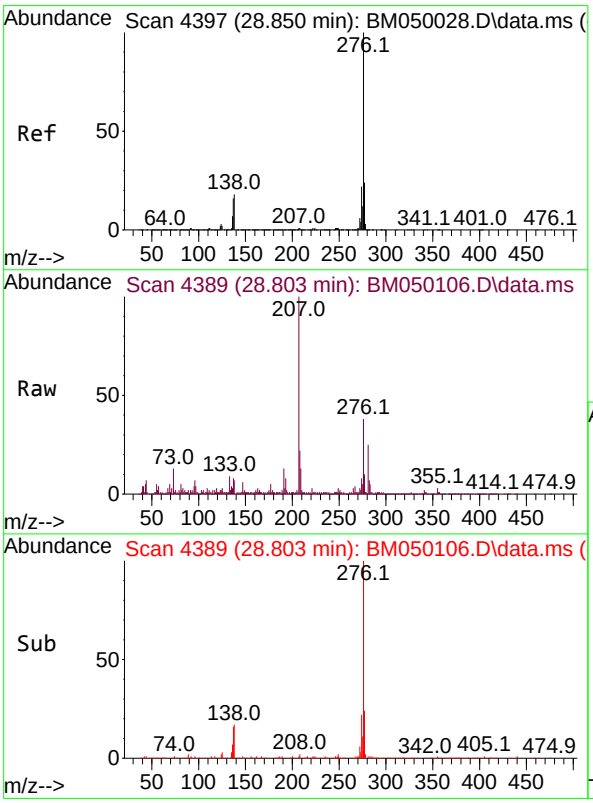
#90
Benzo(a)pyrene
Concen: 3.076 ng
RT: 24.232 min Scan# 3
Delta R.T. -0.030 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Instrument :
BNA_M
ClientSampleId :
SS-5

Tgt Ion:252 Resp: 294894

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	10.2	6.6	9.8#

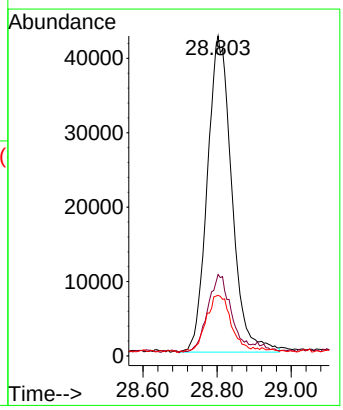




#92
Benzo(g,h,i)perylene
Concen: 2.123 ng
RT: 28.803 min Scan# 4389
Delta R.T. -0.047 min
Lab File: BM050106.D
Acq: 05 May 2025 19:37

Tgt Ion:276 Resp: 194268

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.1	28.7
138	19.0	14.3	21.5



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-6	SDG No.:	Q1914
Lab Sample ID:	Q1914-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.8
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024520.D	1	04/30/25 11:00	05/02/25 22:27	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	500		27.0	200	ug/Kg
208-96-8	Acenaphthylene	200	U	34.4	200	ug/Kg
83-32-9	Acenaphthene	370		25.3	200	ug/Kg
86-73-7	Fluorene	520		30.1	200	ug/Kg
85-01-8	Phenanthrene	680		24.9	200	ug/Kg
120-12-7	Anthracene	160	J	39.6	200	ug/Kg
206-44-0	Fluoranthene	2500		35.7	200	ug/Kg
129-00-0	Pyrene	1900		42.8	200	ug/Kg
56-55-3	Benzo(a)anthracene	610		27.4	200	ug/Kg
218-01-9	Chrysene	570		23.7	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	690		22.6	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	250		26.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	580		35.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	280		34.6	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	84.1	J	32.6	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	310		30.6	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	64.5		18 - 107	64%	SPK: 100
321-60-8	2-Fluorobiphenyl	57.5		20 - 109	58%	SPK: 100
1718-51-0	Terphenyl-d14	58.4		10 - 105	58%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	171000	7.711			
1146-65-2	Naphthalene-d8	658000	10.487			
15067-26-2	Acenaphthene-d10	442000	14.351			
1517-22-2	Phenanthrene-d10	835000	17.151			
1719-03-5	Chrysene-d12	984000	21.586			
1520-96-3	Perylene-d12	1180000	24.939			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-6	SDG No.:	Q1914
Lab Sample ID:	Q1914-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.8
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024520.D	1	04/30/25 11:00	05/02/25 22:27	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024520.D
Acq On : 02 May 2025 22:27
Operator : RC/JU
Sample : Q1914-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SS-6

Quant Time: May 03 00:09:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

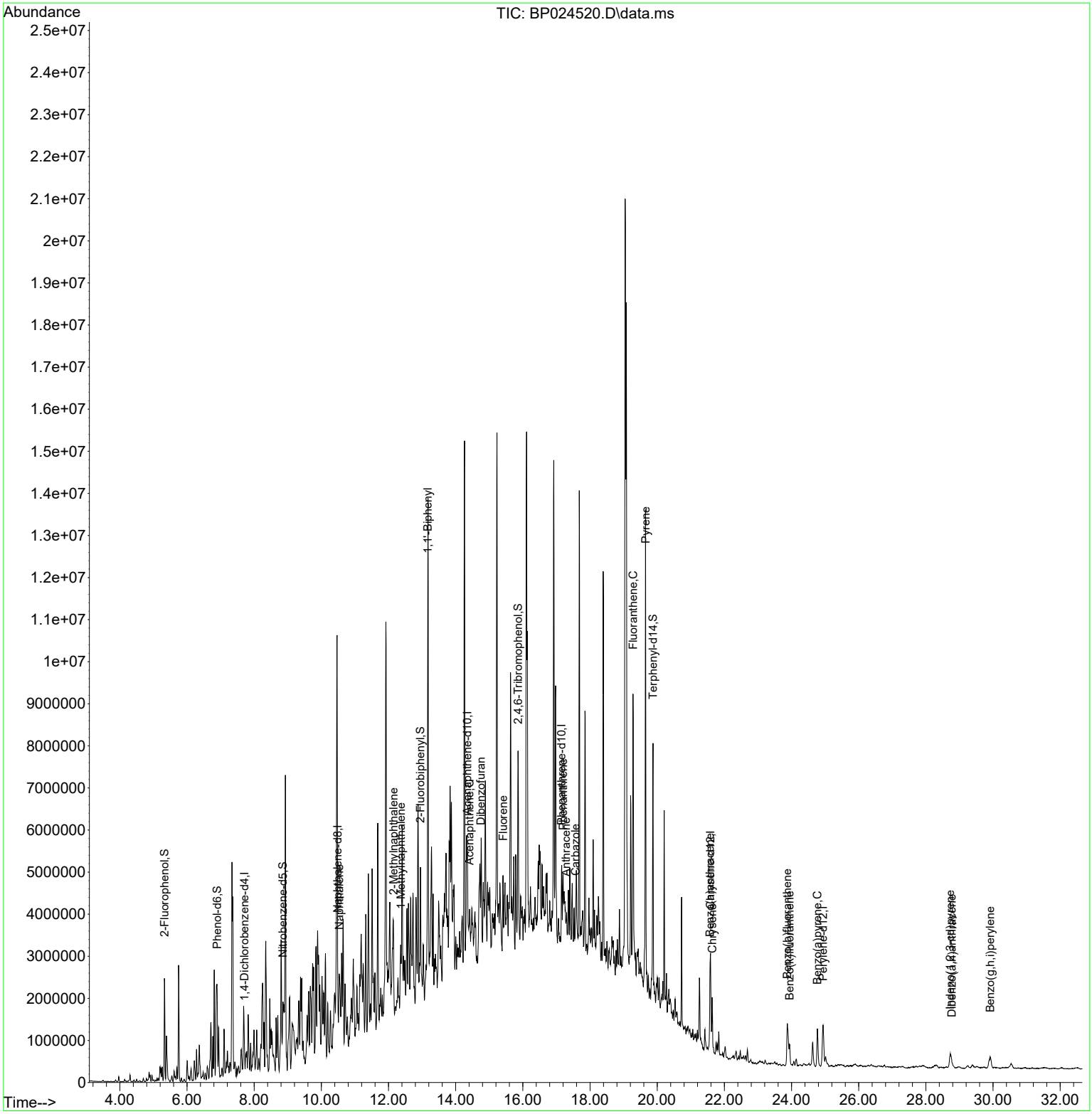
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	170544	20.000	ng	-0.01
21) Naphthalene-d8	10.487	136	657655	20.000	ng	#-0.01
39) Acenaphthene-d10	14.351	164	442093	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	835247	20.000	ng	0.00
76) Chrysene-d12	21.586	240	983824	20.000	ng	# 0.00
86) Perylene-d12	24.939	264	1181270	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	895731	86.843	ng	-0.01
7) Phenol-d6	6.899	99	1132776	80.206	ng	-0.01
23) Nitrobenzene-d5	8.858	82	743467	64.461	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	704630	115.200	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1661684	57.549	ng	-0.01
79) Terphenyl-d14	19.875	244	2850305	58.396	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.534	128	440408	12.713	ng	# 81
37) 2-Methylnaphthalene	12.152	142	797946	33.213	ng	95
38) 1-Methylnaphthalene	12.369	142	489543	20.829	ng	# 99
46) 1,1'-Biphenyl	13.169	154	202455	6.230	ng	95
52) Acenaphthene	14.416	154	227449	9.382	ng	95
55) Dibenzofuran	14.751	168	164037	4.140	ng	# 46
58) Fluorene	15.416	166	404599	13.190	ng	# 92
71) Phenanthrene	17.198	178	778011	17.075	ng	96
72) Anthracene	17.287	178	180095m	4.101	ng	
73) Carbazole	17.569	167	121421	2.830	ng	# 53
75) Fluoranthene	19.281	202	3473505	64.096	ng	96
78) Pyrene	19.657	202	2942248	47.059	ng	99
81) Benzo(a)anthracene	21.569	228	946151	15.472	ng	98
83) Chrysene	21.639	228	840423	14.345	ng	98
87) Indeno(1,2,3-cd)pyrene	28.727	276	572799	6.985	ng	99
88) Benzo(b)fluoranthene	23.874	252	1223565m	17.280	ng	
89) Benzo(k)fluoranthene	23.945	252	425501m	6.221	ng	
90) Benzo(a)pyrene	24.769	252	890340m	14.577	ng	
91) Dibenzo(a,h)anthracene	28.774	278	144382m	2.121	ng	
92) Benzo(g,h,i)perylene	29.915	276	538013	7.765	ng	95

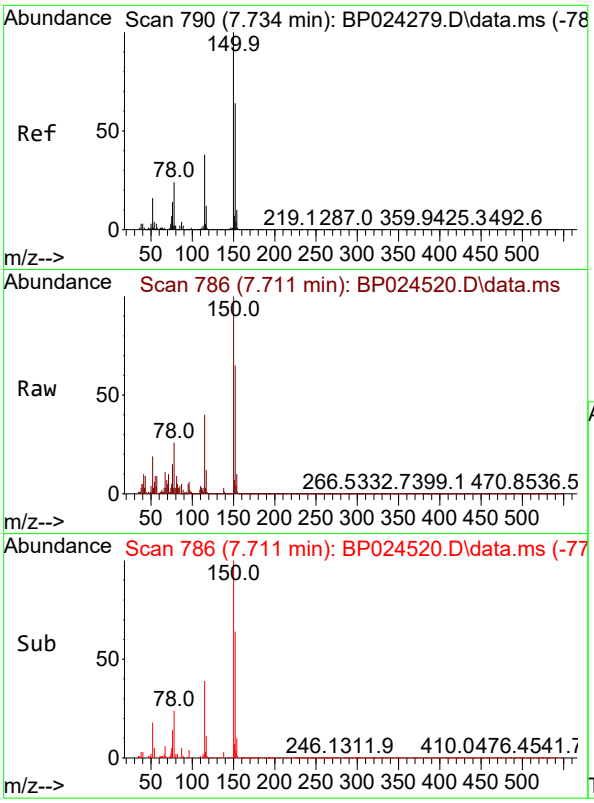
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024520.D
Acq On : 02 May 2025 22:27
Operator : RC/JU
Sample : Q1914-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SS-6

Quant Time: May 03 00:09:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration



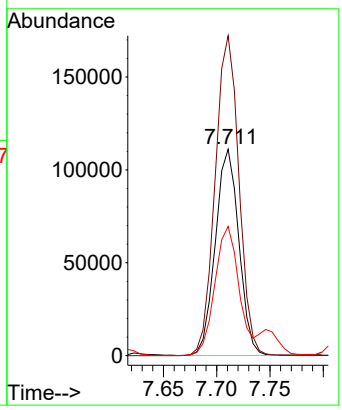


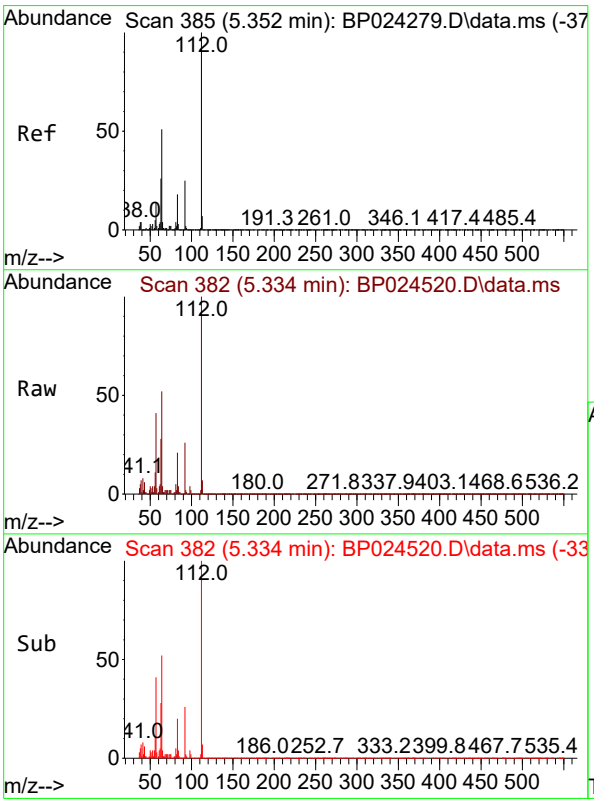
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.711 min Scan# 7
Delta R.T. -0.011 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Instrument :
BNA_P
ClientSampleId :
SS-6

Tgt Ion:152 Resp: 170544

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.9	187.3
115	62.6	47.7	71.5

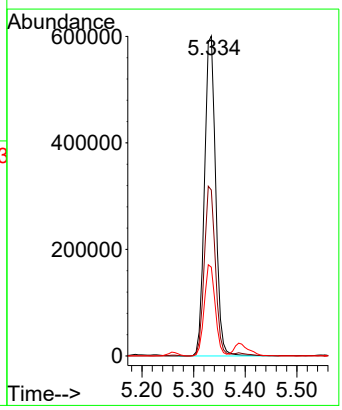


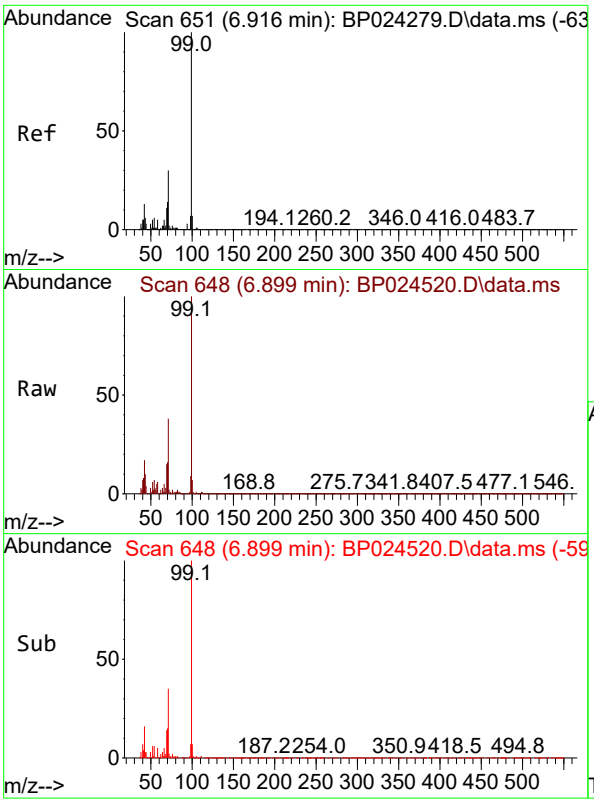


#5
2-Fluorophenol
Concen: 86.843 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Tgt Ion:112 Resp: 895731

Ion	Ratio	Lower	Upper
112	100		
64	51.9	41.1	61.7
63	27.8	20.6	30.8



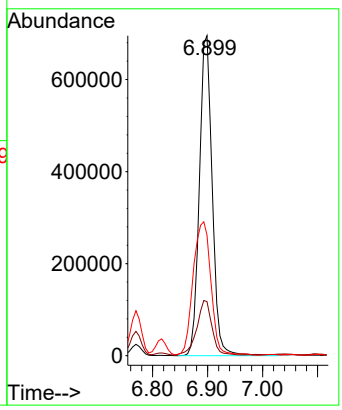


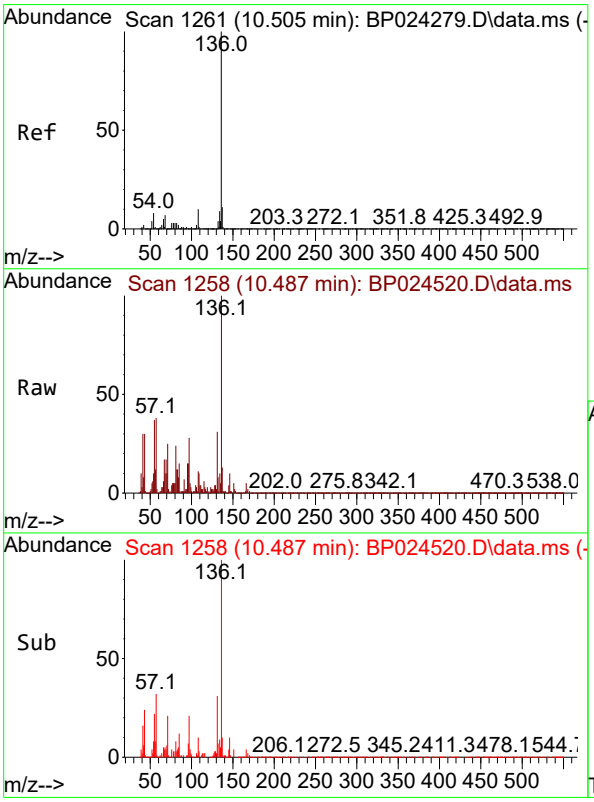
#7
Phenol-d6
Concen: 80.206 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Instrument :
BNA_P
ClientSampleId :
SS-6

Tgt Ion: 99 Resp: 1132776

Ion	Ratio	Lower	Upper
99	100		
42	16.9	10.6	16.0#
71	37.7	23.7	35.5#

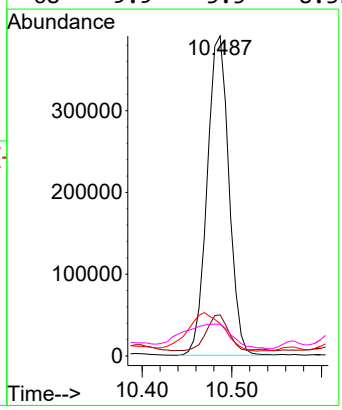


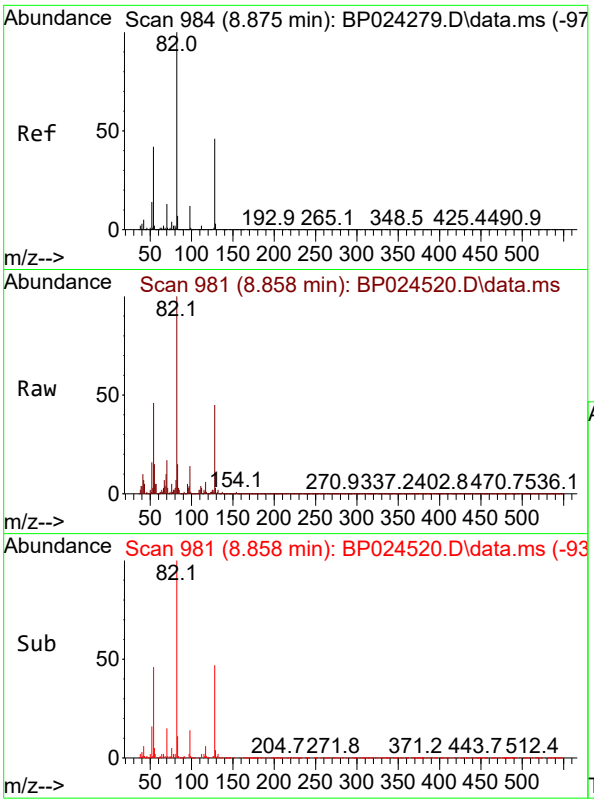


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Tgt Ion:136 Resp: 657655

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.2	13.8
54	10.1	6.0	9.0#
68	9.9	5.5	8.3#



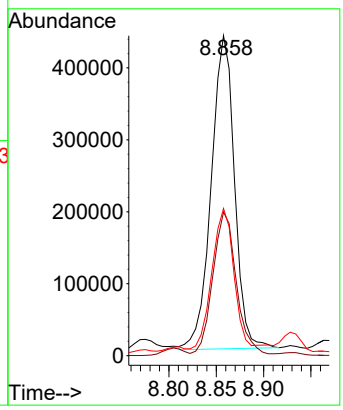


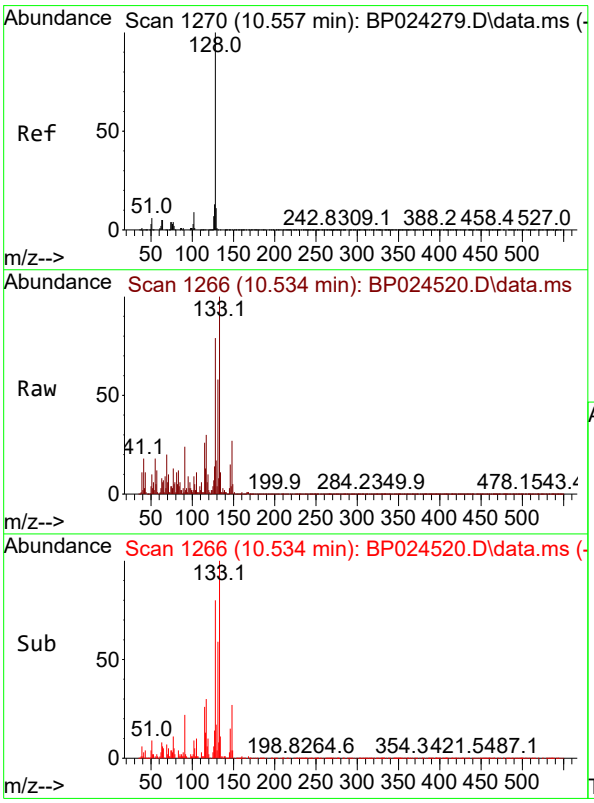
#23
Nitrobenzene-d5
Concen: 64.461 ng
RT: 8.858 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Instrument :
BNA_P
ClientSampleId :
SS-6

Tgt Ion: 82 Resp: 743467

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.5	54.7
54	46.0	33.4	50.2

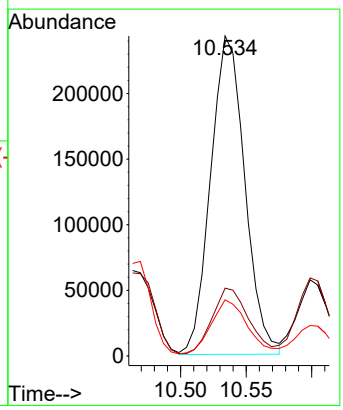


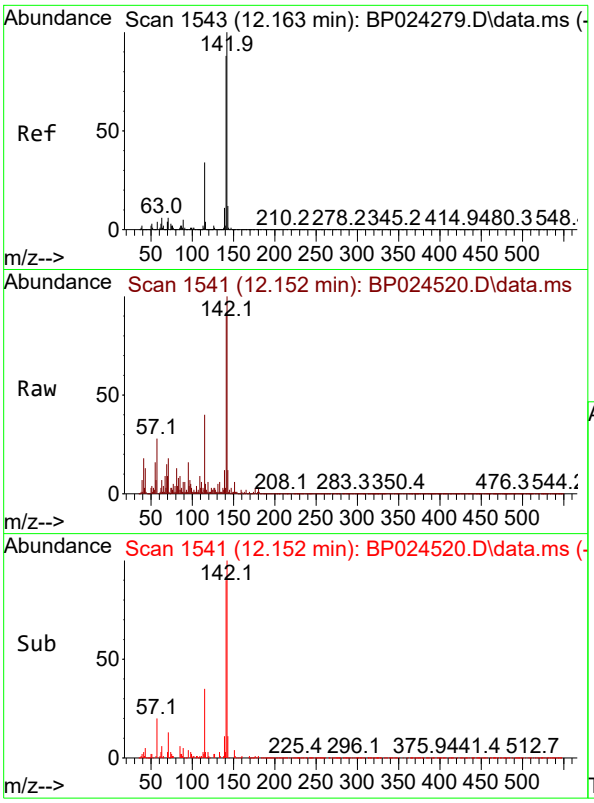


#31
Naphthalene
Concen: 12.713 ng
RT: 10.534 min Scan# 1266
Delta R.T. -0.012 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Tgt Ion:128 Resp: 440408

Ion	Ratio	Lower	Upper
128	100		
129	21.2	8.6	13.0#
127	17.6	10.3	15.5#



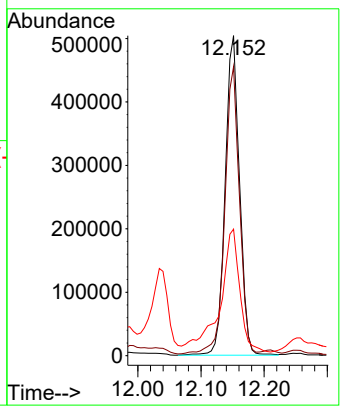


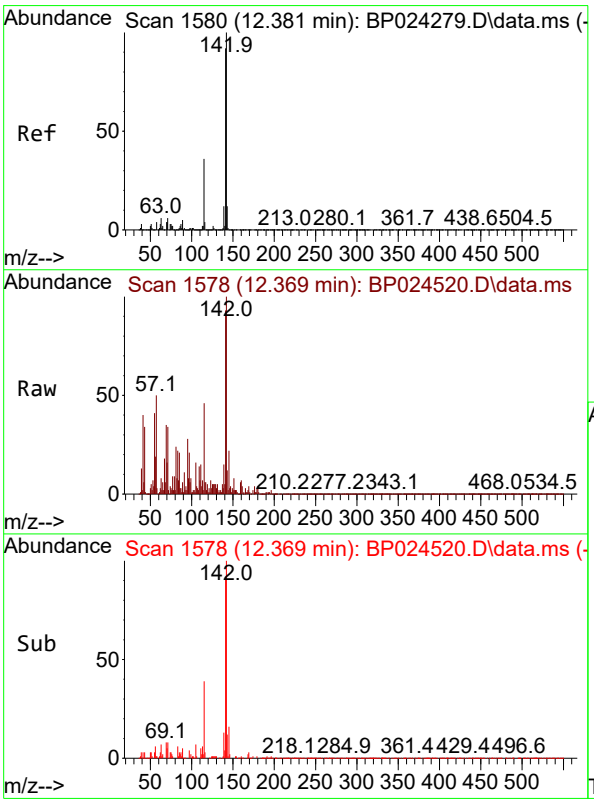
#37
2-Methylnaphthalene
Concen: 33.213 ng
RT: 12.152 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Instrument :
BNA_P
ClientSampleId :
SS-6

Tgt Ion:142 Resp: 797946

Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.3	105.5
115	39.5	26.9	40.3

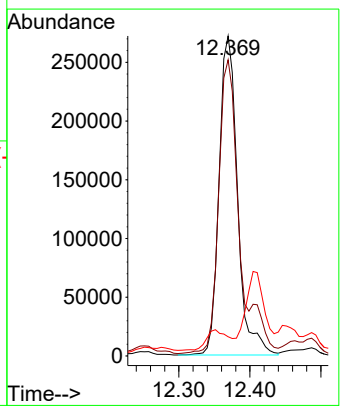


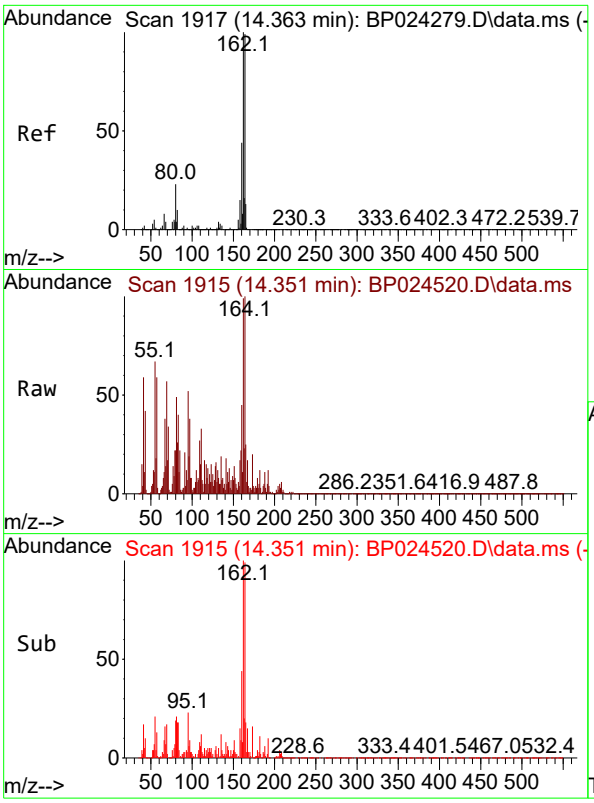


#38
1-Methylnaphthalene
Concen: 20.829 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Tgt Ion:142 Resp: 489543

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.6	110.4
116	6.0	3.0	4.6#



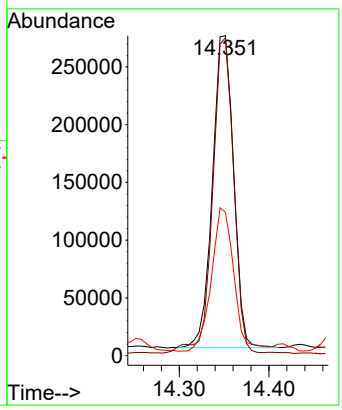


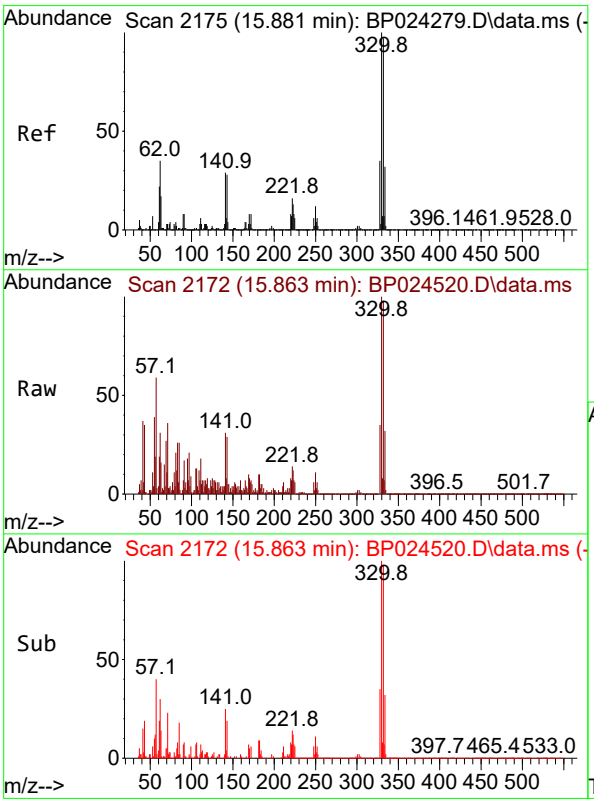
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.351 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Instrument :
BNA_P
ClientSampleId :
SS-6

Tgt Ion:164 Resp: 442093

Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.6	120.8
160	44.9	35.3	52.9

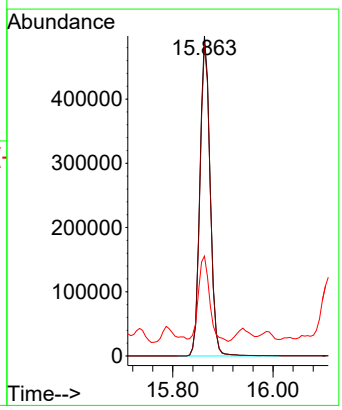


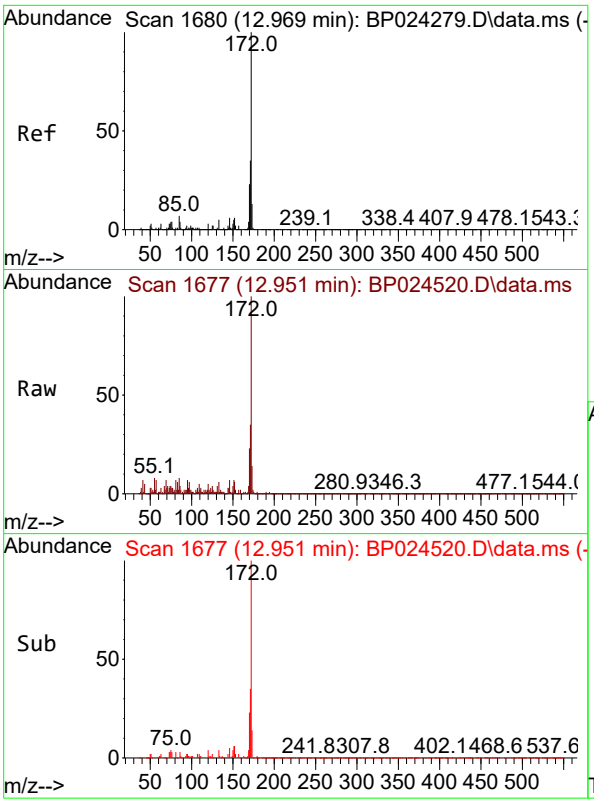


#42
2,4,6-Tribromophenol
Concen: 115.200 ng
RT: 15.863 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Tgt Ion:330 Resp: 704630

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.1	115.7
141	29.1	24.7	37.1



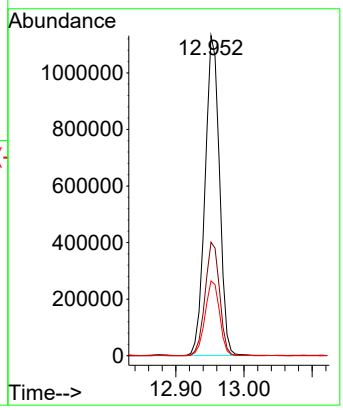


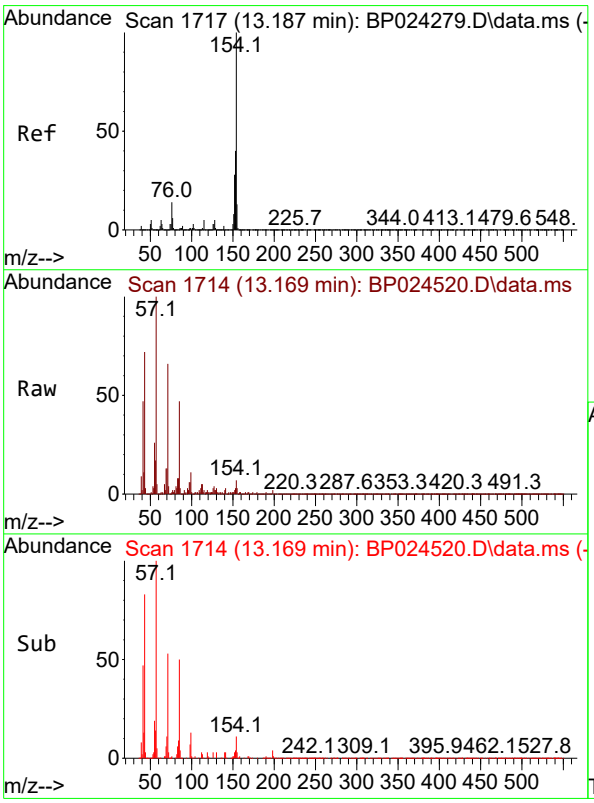
#45
2-Fluorobiphenyl
Concen: 57.549 ng
RT: 12.951 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Instrument :
BNA_P
ClientSampleId :
SS-6

Tgt Ion:172 Resp: 1661684

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	23.4	18.6	27.8

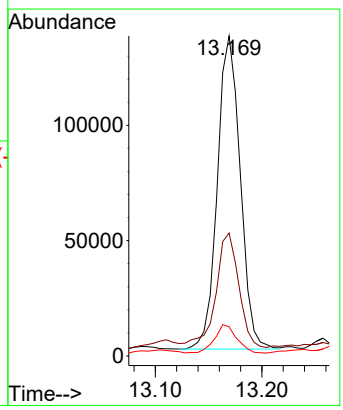


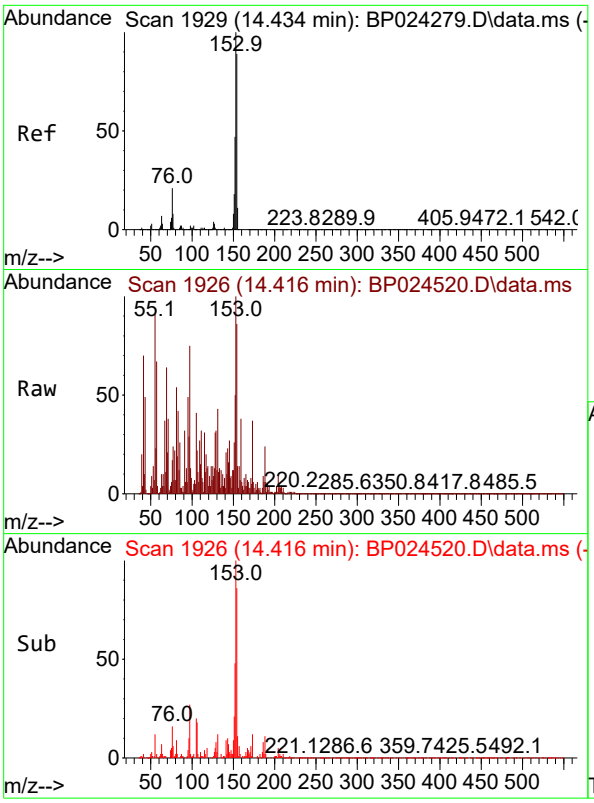


#46
1,1'-Biphenyl
Concen: 6.230 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Tgt Ion:154 Resp: 202455

Ion	Ratio	Lower	Upper
154	100		
153	38.4	20.3	60.3
76	9.1	0.0	33.5



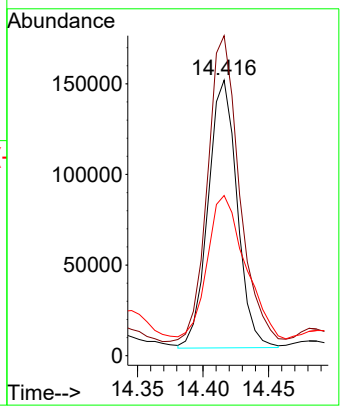


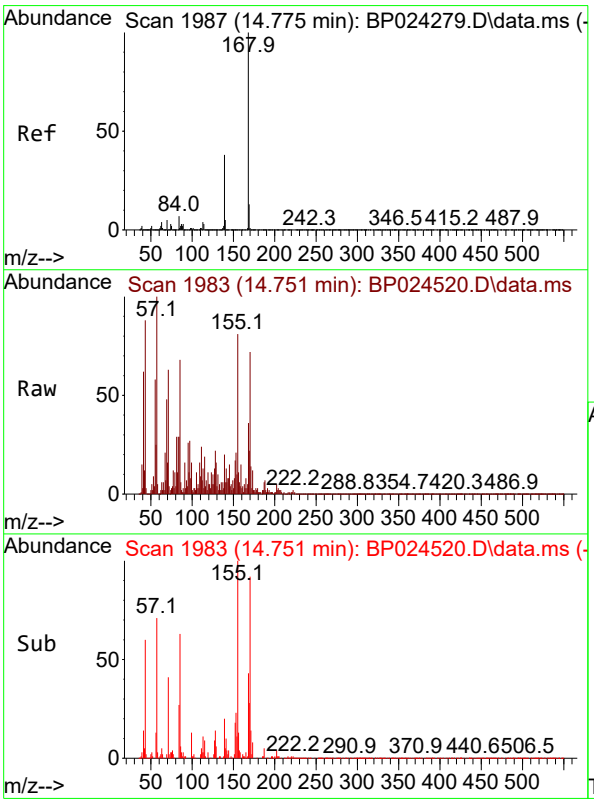
#52
Acenaphthene
Concen: 9.382 ng
RT: 14.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Instrument :
BNA_P
ClientSampleId :
SS-6

Tgt Ion:154 Resp: 227449

Ion	Ratio	Lower	Upper
154	100		
153	116.1	89.8	134.6
152	58.1	42.6	63.8

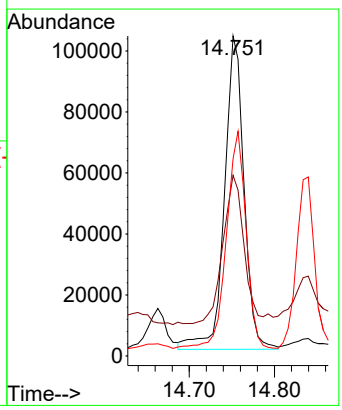


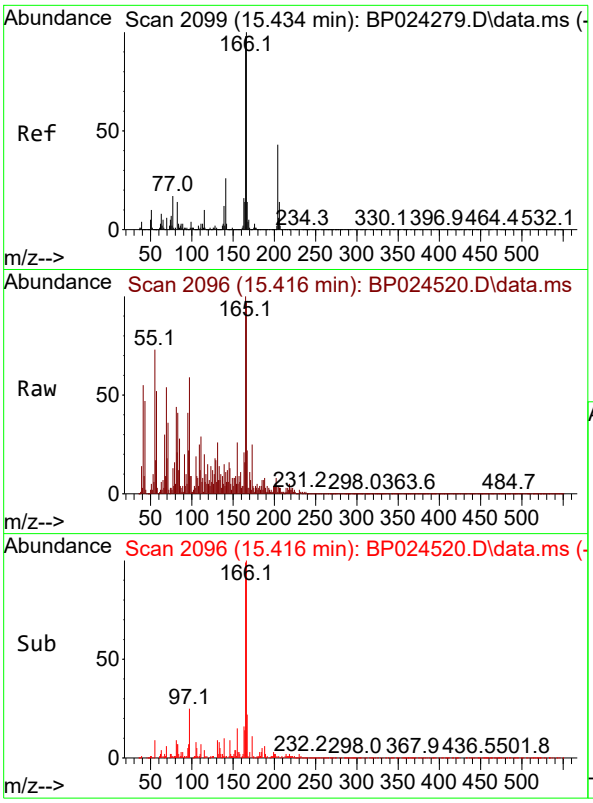


#55
Dibenzofuran
Concen: 4.140 ng
RT: 14.751 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Tgt Ion:168 Resp: 164037

Ion	Ratio	Lower	Upper
168	100		
139	56.4	30.3	45.5#
169	61.7	10.6	16.0#



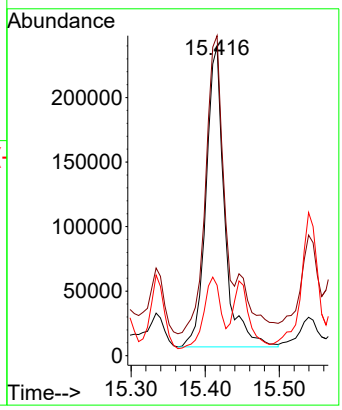


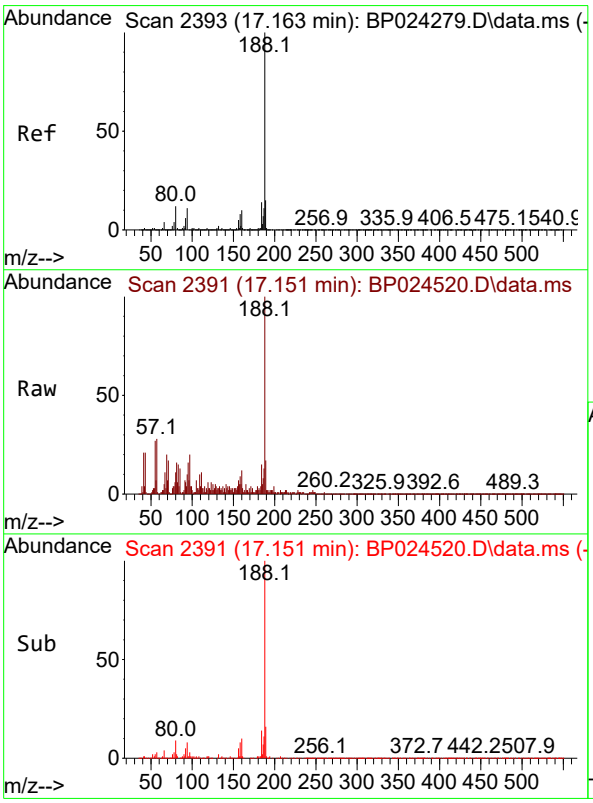
#58
Fluorene
Concen: 13.190 ng
RT: 15.416 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Instrument :
BNA_P
ClientSampleId :
SS-6

Tgt Ion:166 Resp: 404599

Ion	Ratio	Lower	Upper
166	100		
165	103.5	78.1	117.1
167	22.7	10.9	16.3#

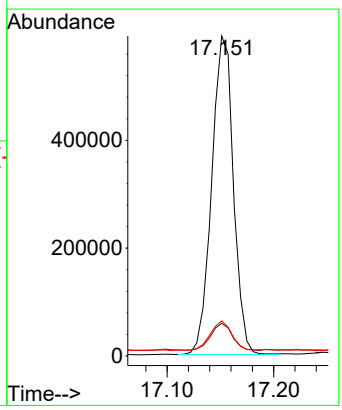


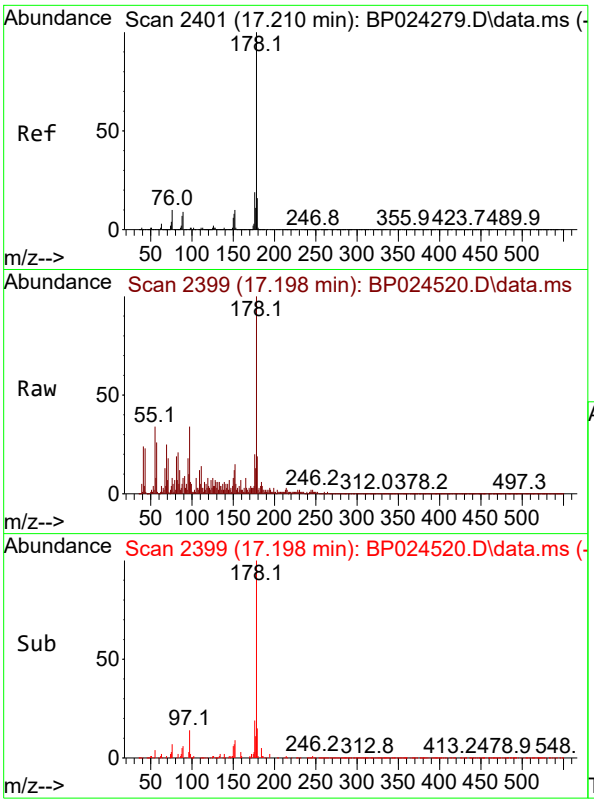


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2391
Delta R.T. 0.006 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Tgt Ion:188 Resp: 835247

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.6	13.0
80	10.9	9.8	14.6



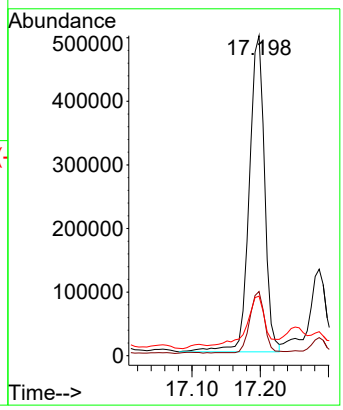


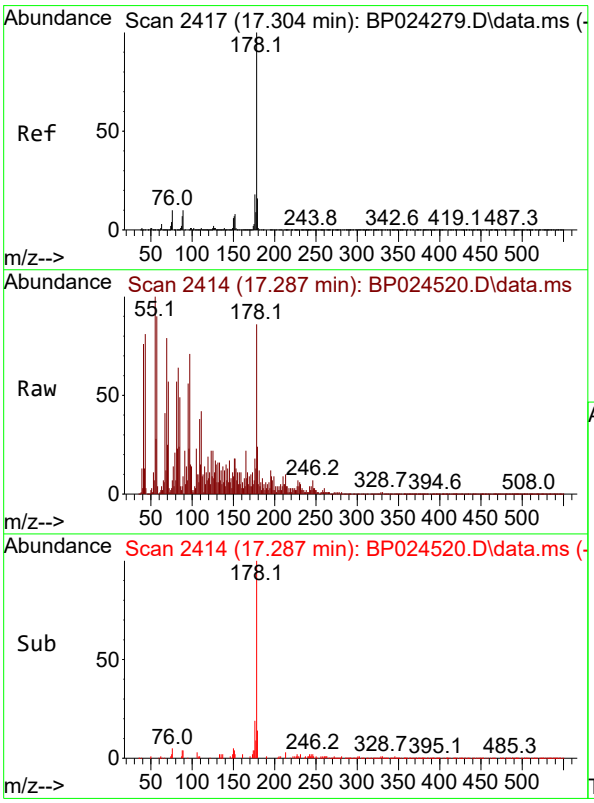
#71
Phenanthrene
Concen: 17.075 ng
RT: 17.198 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Instrument :
BNA_P
ClientSampleId :
SS-6

Tgt Ion:178 Resp: 778011

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.0
179	18.6	12.5	18.7

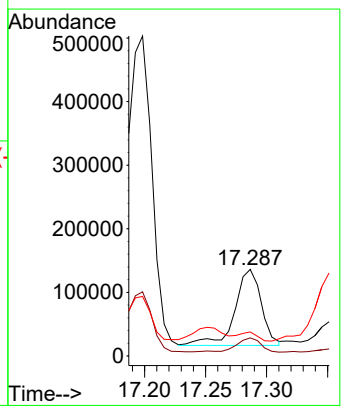


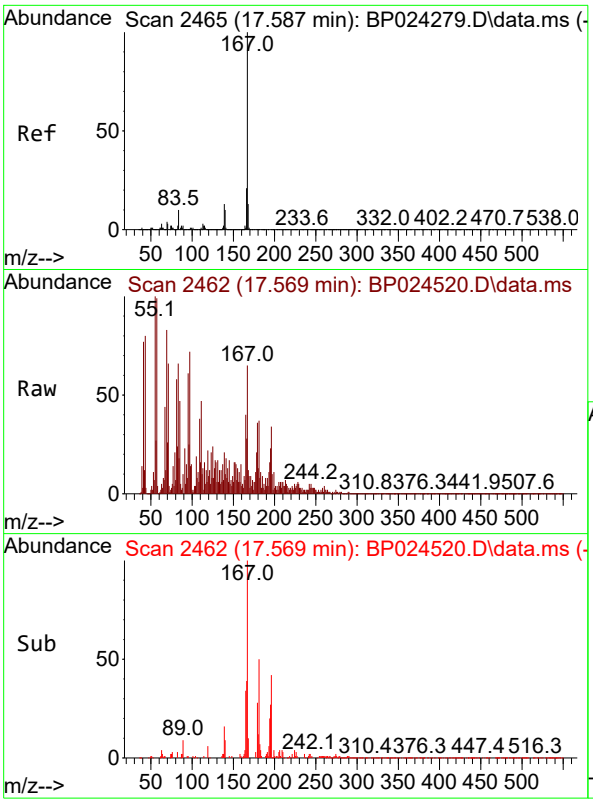


#72
Anthracene
Concen: 4.101 ng m
RT: 17.287 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Tgt Ion:178 Resp: 180095

Ion	Ratio	Lower	Upper
178	100		
176	20.8	14.7	22.1
179	27.7	12.4	18.6#



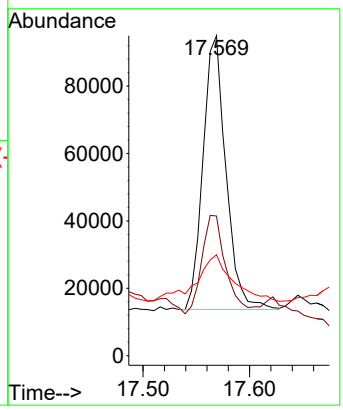


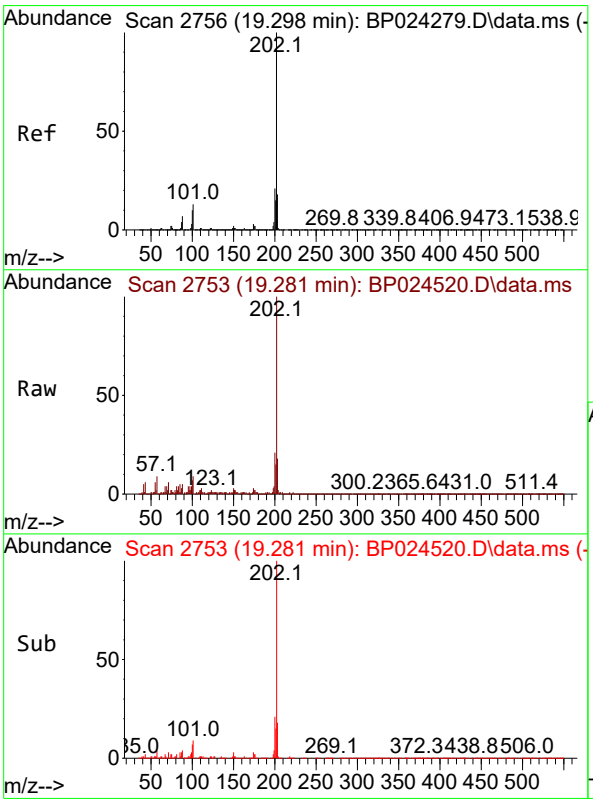
#73
Carbazole
Concen: 2.830 ng
RT: 17.569 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Instrument :
BNA_P
ClientSampleId :
SS-6

Tgt Ion:167 Resp: 121421

Ion	Ratio	Lower	Upper
167	100		
166	43.7	17.1	25.7#
139	31.5	10.6	16.0#

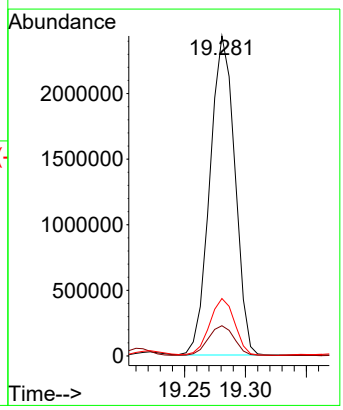


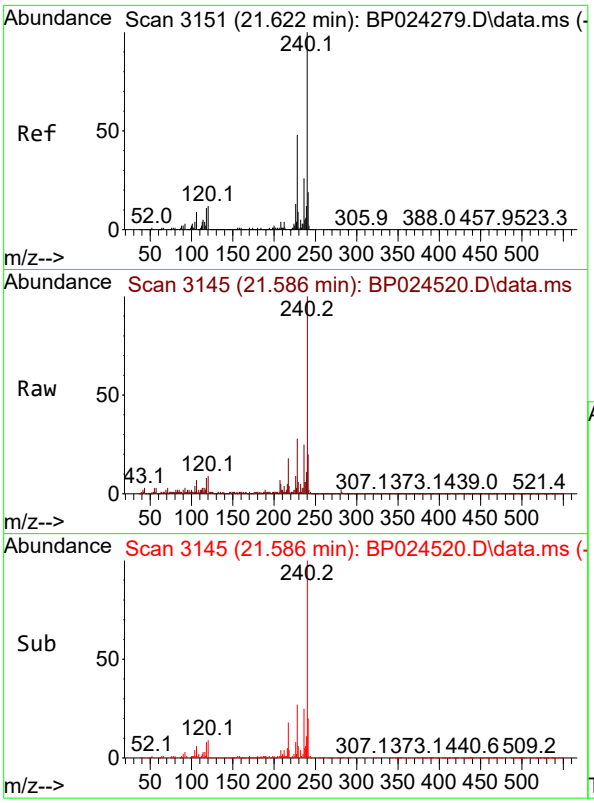


#75
Fluoranthene
Concen: 64.096 ng
RT: 19.281 min Scan# 2753
Delta R.T. 0.000 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Tgt Ion:202 Resp: 3473505

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	33.2
203	18.0	0.0	37.7



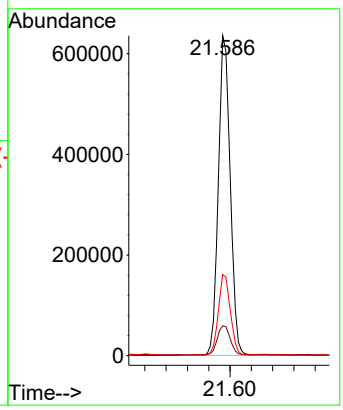


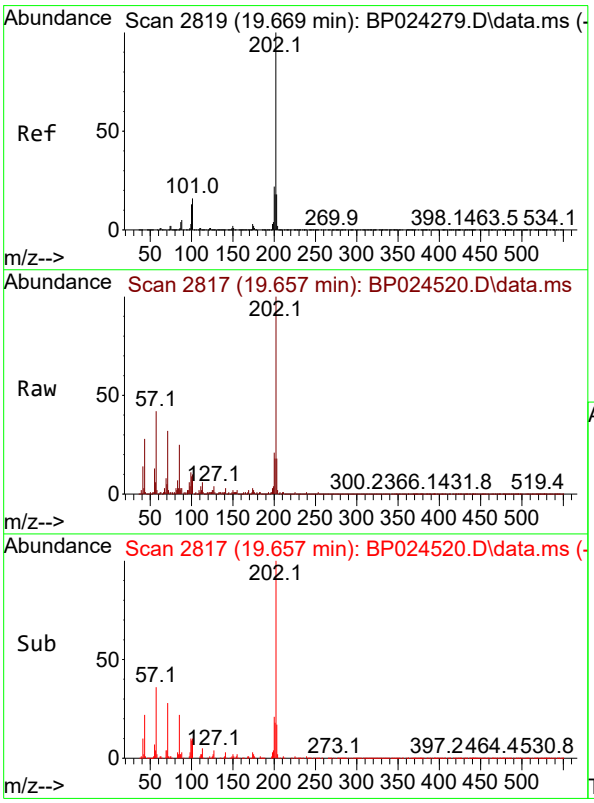
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Instrument :
BNA_P
ClientSampleId :
SS-6

Tgt Ion:240 Resp: 983824

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.8	14.8#
236	25.4	20.9	31.3

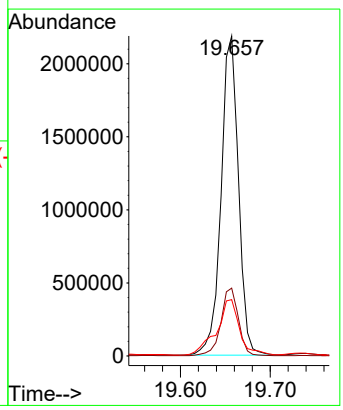


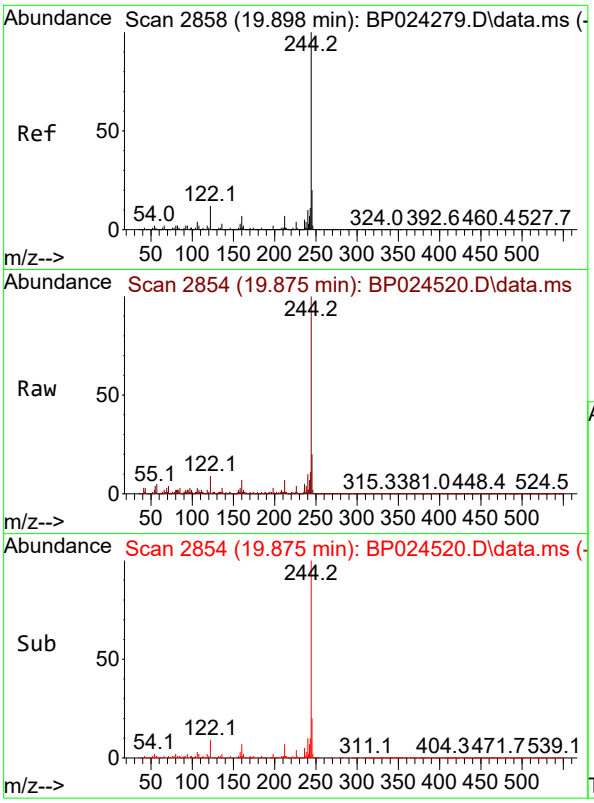


#78
Pyrene
Concen: 47.059 ng
RT: 19.657 min Scan# 2817
Delta R.T. 0.006 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Tgt Ion:202 Resp: 2942248

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.2	25.8
203	17.6	14.4	21.6



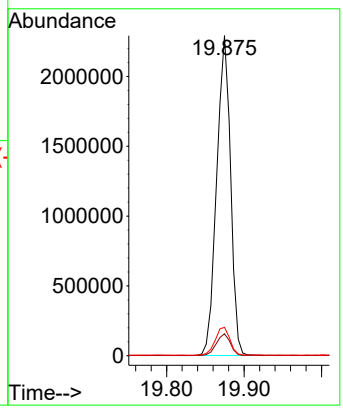


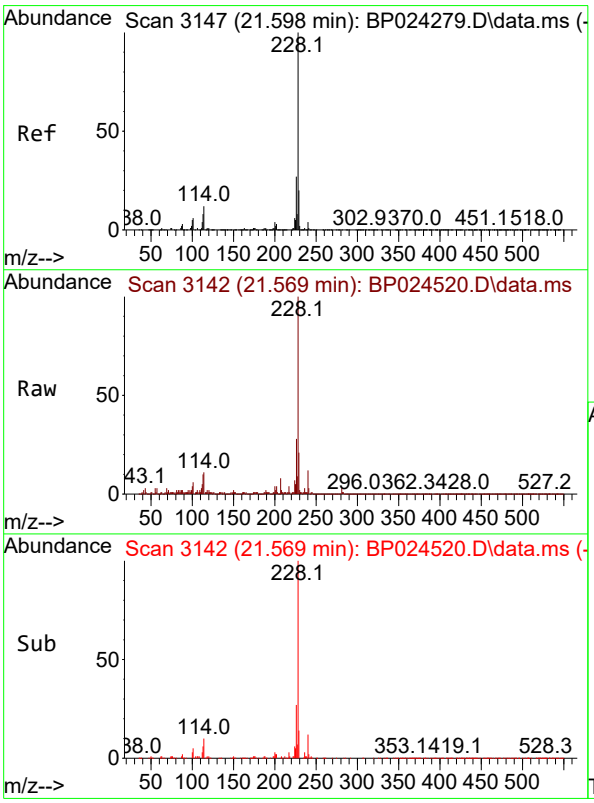
#79
Terphenyl-d14
Concen: 58.396 ng
RT: 19.875 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Instrument :
BNA_P
ClientSampleId :
SS-6

Tgt Ion:244 Resp: 2850305

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	8.8	9.4	14.0#

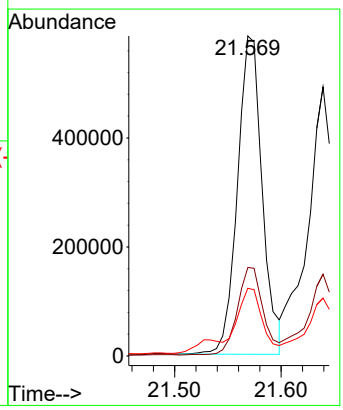


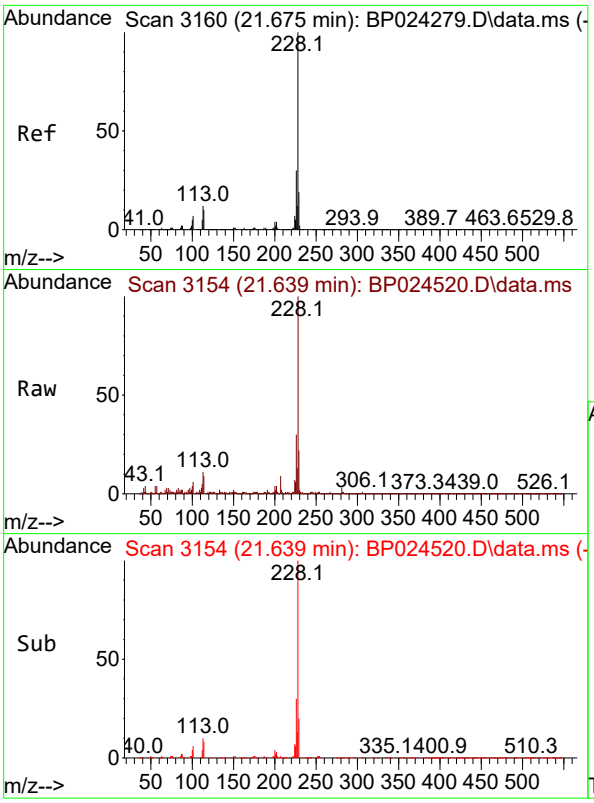


#81
Benzo(a)anthracene
Concen: 15.472 ng
RT: 21.569 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Tgt Ion:228 Resp: 946151

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	21.2	15.9	23.9



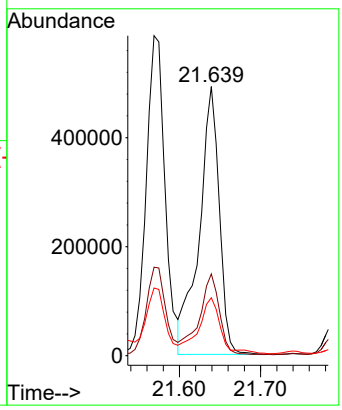


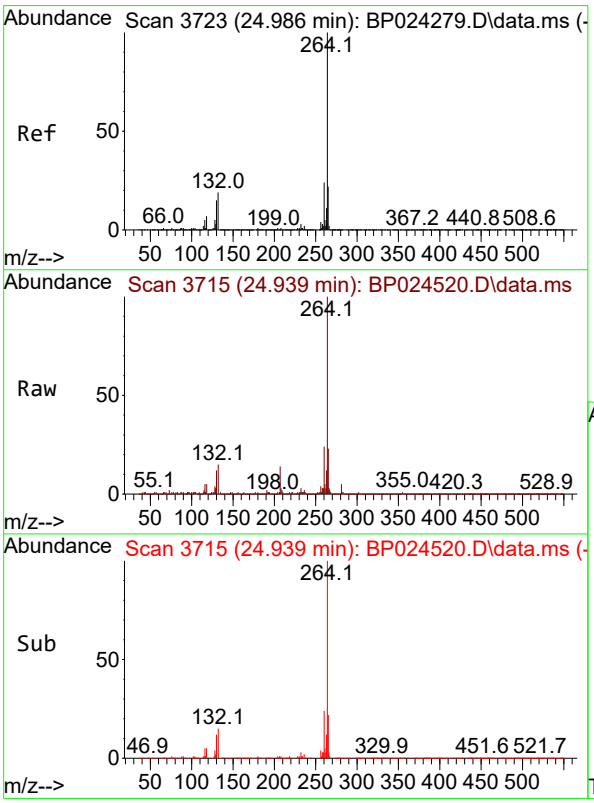
#83
Chrysene
Concen: 14.345 ng
RT: 21.639 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Instrument :
BNA_P
ClientSampleId :
SS-6

Tgt Ion:228 Resp: 840423

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	21.5	15.6	23.4

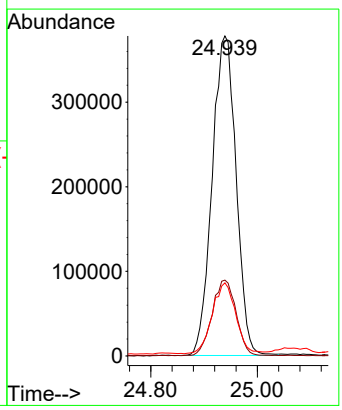


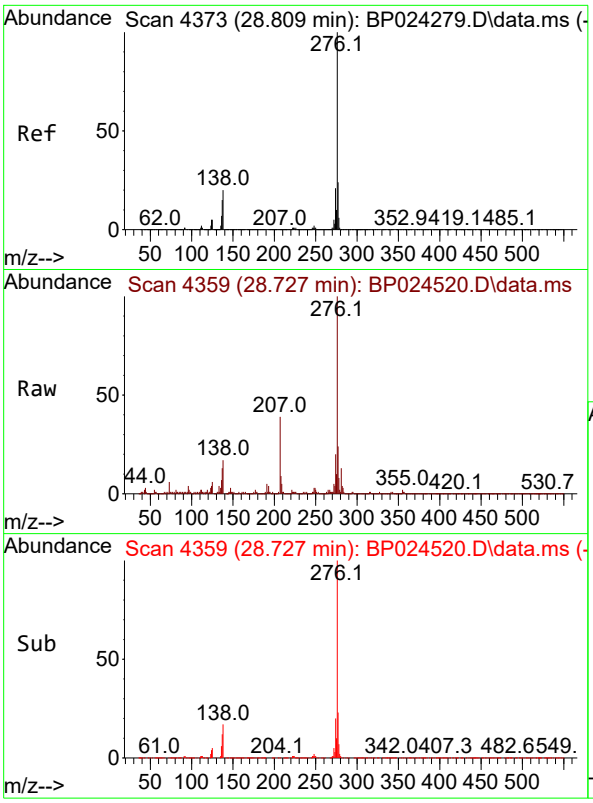


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.939 min Scan# 3715
Delta R.T. 0.006 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Tgt Ion:264 Resp: 1181270

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	22.8	17.8	26.6



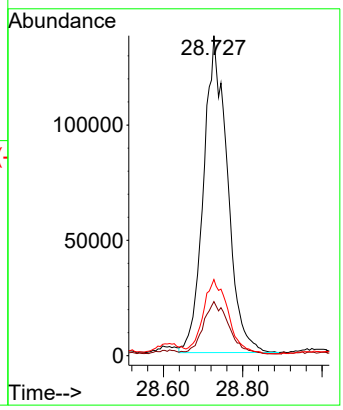


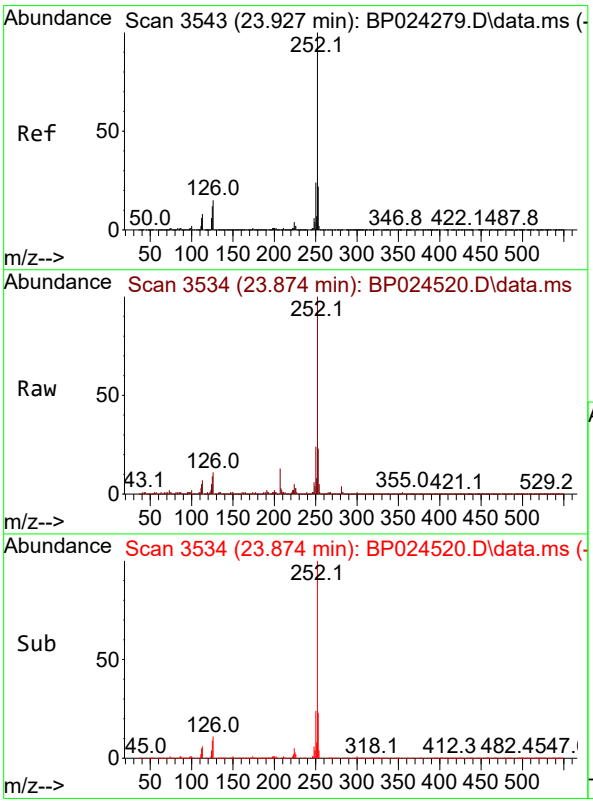
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.985 ng
RT: 28.727 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Instrument :
BNA_P
ClientSampleId :
SS-6

Tgt Ion:276 Resp: 572799

Ion	Ratio	Lower	Upper
276	100		
138	17.7	14.5	21.7
277	24.8	20.2	30.2

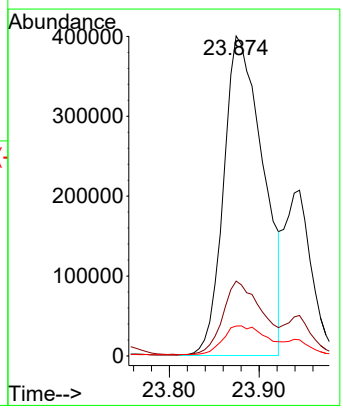


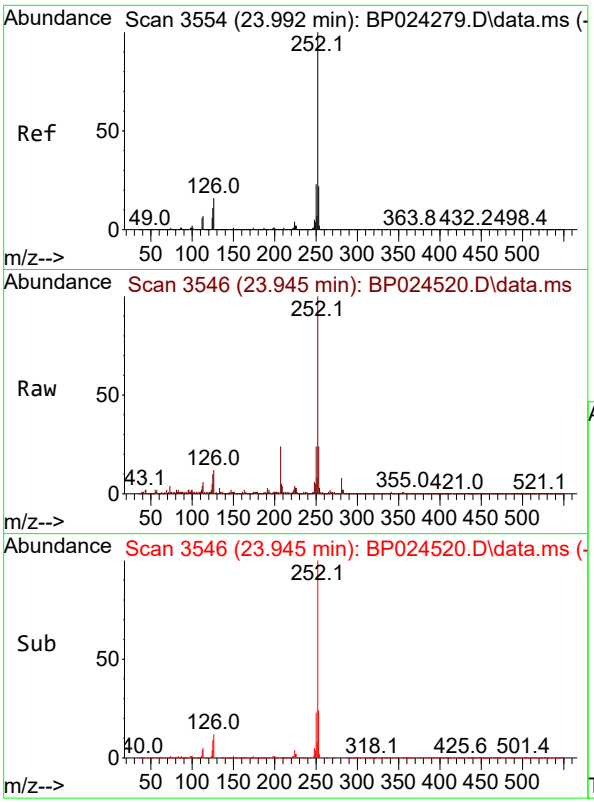


#88
Benzo(b)fluoranthene
Concen: 17.280 ng m
RT: 23.874 min Scan# 3534
Delta R.T. -0.012 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Tgt Ion:252 Resp: 1223565

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	9.3	9.4	14.0#



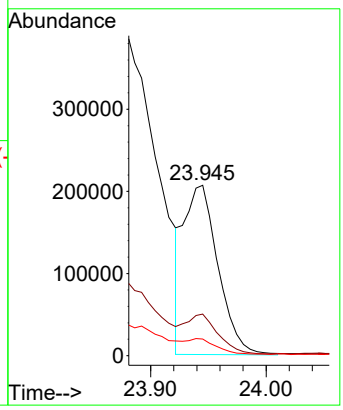


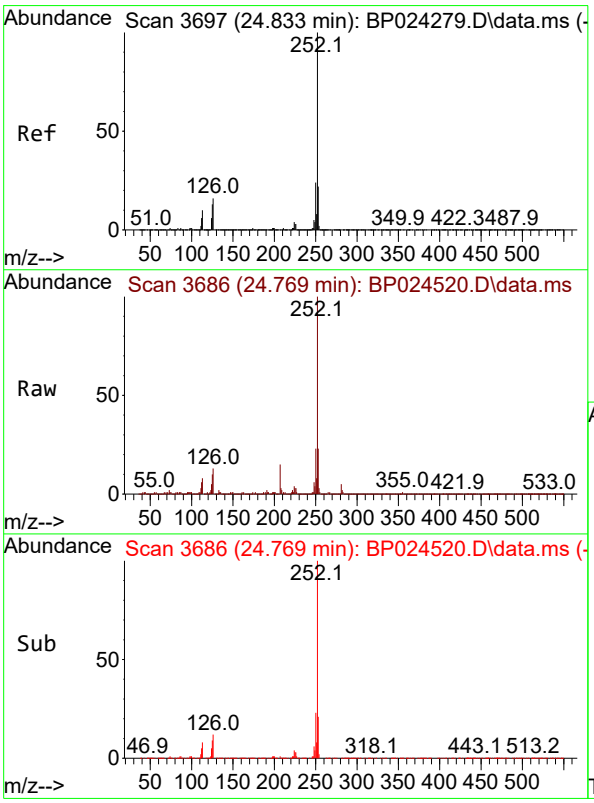
#89
Benzo(k)fluoranthene
Concen: 6.221 ng m
RT: 23.945 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Instrument :
BNA_P
ClientSampleId :
SS-6

Tgt Ion:252 Resp: 425501

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.7	26.5
125	9.8	9.1	13.7

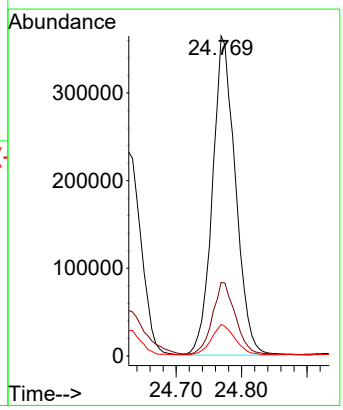


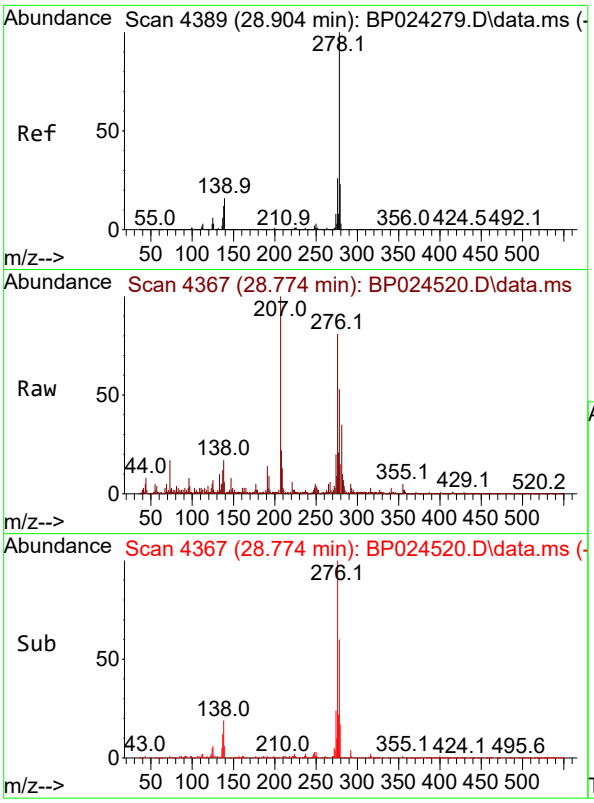


#90
Benzo(a)pyrene
Concen: 14.577 ng m
RT: 24.769 min Scan# 3686
Delta R.T. -0.012 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Tgt Ion:252 Resp: 890340

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	9.9	10.1	15.1#



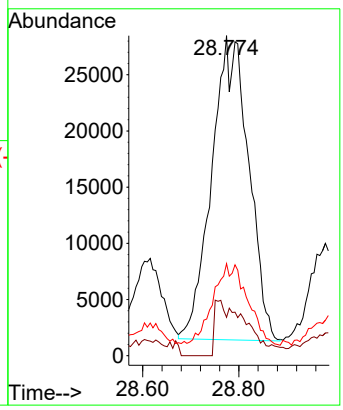


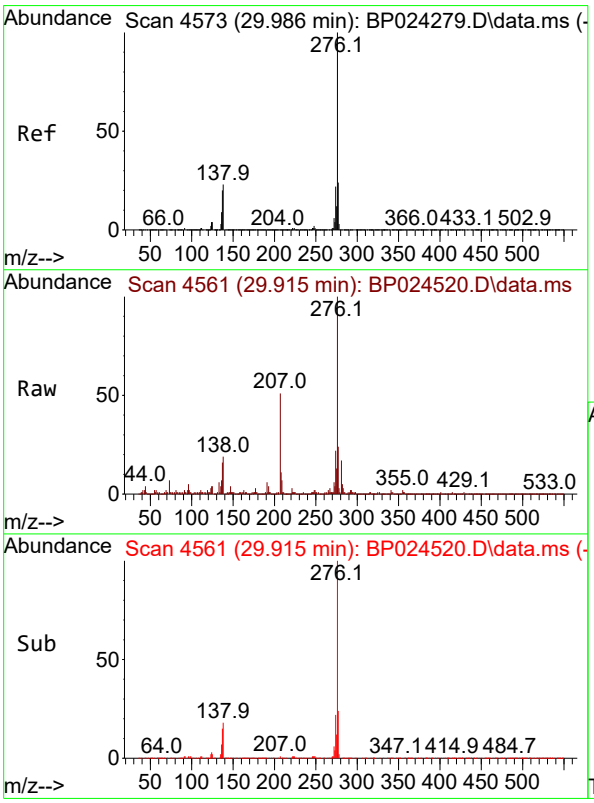
#91
Dibenzo(a,h)anthracene
Concen: 2.121 ng m
RT: 28.774 min Scan# 4
Delta R.T. -0.029 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Instrument :
BNA_P
ClientSampleId :
SS-6

Tgt Ion:278 Resp: 144382

Ion	Ratio	Lower	Upper
278	100		
139	12.0	12.6	19.0#
279	28.8	18.5	27.7#

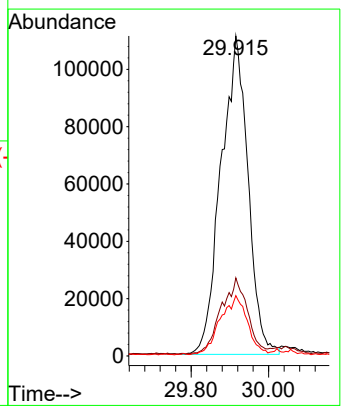




#92
Benzo(g,h,i)perylene
Concen: 7.765 ng
RT: 29.915 min Scan# 4561
Delta R.T. 0.018 min
Lab File: BP024520.D
Acq: 02 May 2025 22:27

Tgt Ion:276 Resp: 538013

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	18.9	18.7	28.1



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-7	SDG No.:	Q1914
Lab Sample ID:	Q1914-08	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050089.D	1	04/30/25 11:00	05/02/25 17:17	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	970		26.7	200	ug/Kg
208-96-8	Acenaphthylene	200	U	34.0	200	ug/Kg
83-32-9	Acenaphthene	200	U	25.0	200	ug/Kg
86-73-7	Fluorene	200	U	29.7	200	ug/Kg
85-01-8	Phenanthrene	780		24.6	200	ug/Kg
120-12-7	Anthracene	200	U	39.1	200	ug/Kg
206-44-0	Fluoranthene	890		35.3	200	ug/Kg
129-00-0	Pyrene	1100		42.3	200	ug/Kg
56-55-3	Benzo(a)anthracene	400		27.0	200	ug/Kg
218-01-9	Chrysene	490		23.4	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	570		22.3	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	200		26.3	200	ug/Kg
50-32-8	Benzo(a)pyrene	410		34.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	250		34.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200	U	32.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	310		30.2	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	72.3		18 - 107	72%	SPK: 100
321-60-8	2-Fluorobiphenyl	40.2		20 - 109	40%	SPK: 100
1718-51-0	Terphenyl-d14	44.5		10 - 105	44%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	450000	7.751			
1146-65-2	Naphthalene-d8	1020000	10.557			
15067-26-2	Acenaphthene-d10	947000	14.41			
1517-22-2	Phenanthrene-d10	1900000	17.157			
1719-03-5	Chrysene-d12	1410000	21.386			
1520-96-3	Perylene-d12	1490000	24.38			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-7	SDG No.:	Q1914
Lab Sample ID:	Q1914-08	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050089.D	1	04/30/25 11:00	05/02/25 17:17	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050089.D
Acq On : 02 May 2025 17:17
Operator : RC/JU
Sample : Q1914-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 02 23:57:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SS-7

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.751	152	450043	20.000	ng	-0.02
21) Naphthalene-d8	10.557	136	1023590	20.000	ng	# 0.00
39) Acenaphthene-d10	14.410	164	947352	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1897249	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1412128	20.000	ng	-0.01
86) Perylene-d12	24.380	264	1490251	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1832982	71.320	ng	-0.02
7) Phenol-d6	6.934	99	2199022	68.075	ng	-0.02
23) Nitrobenzene-d5	8.910	82	1501937	72.304	ng	-0.02
42) 2,4,6-Tribromophenol	15.904	330	1125353	80.337	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	3221533	40.228	ng	0.00
79) Terphenyl-d14	19.780	244	4245502	44.488	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.598	128	1285753	24.804	ng	# 85
37) 2-Methylnaphthalene	12.228	142	2715680	78.140	ng	98
38) 1-Methylnaphthalene	12.439	142	1672580m	45.476	ng	
46) 1,1'-Biphenyl	13.233	154	570929	8.107	ng	99
71) Phenanthrene	17.198	178	2127512	19.882	ng	# 96
75) Fluoranthene	19.215	202	2866451	22.816	ng	98
78) Pyrene	19.580	202	2754411	27.776	ng	99
81) Benzo(a)anthracene	21.368	228	993968	10.221	ng	98
83) Chrysene	21.427	228	1120290	12.448	ng	98
84) Bis(2-ethylhexyl)phtha...	21.286	149	180711	3.257	ng	# 95
87) Indeno(1,2,3-cd)pyrene	27.756	276	704410	6.344	ng	96
88) Benzo(b)fluoranthene	23.433	252	1399614	14.442	ng	98
89) Benzo(k)fluoranthene	23.492	252	489824m	4.997	ng	
90) Benzo(a)pyrene	24.239	252	958358	10.558	ng	98
92) Benzo(g,h,i)perylene	28.803	276	682505	7.876	ng	99

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

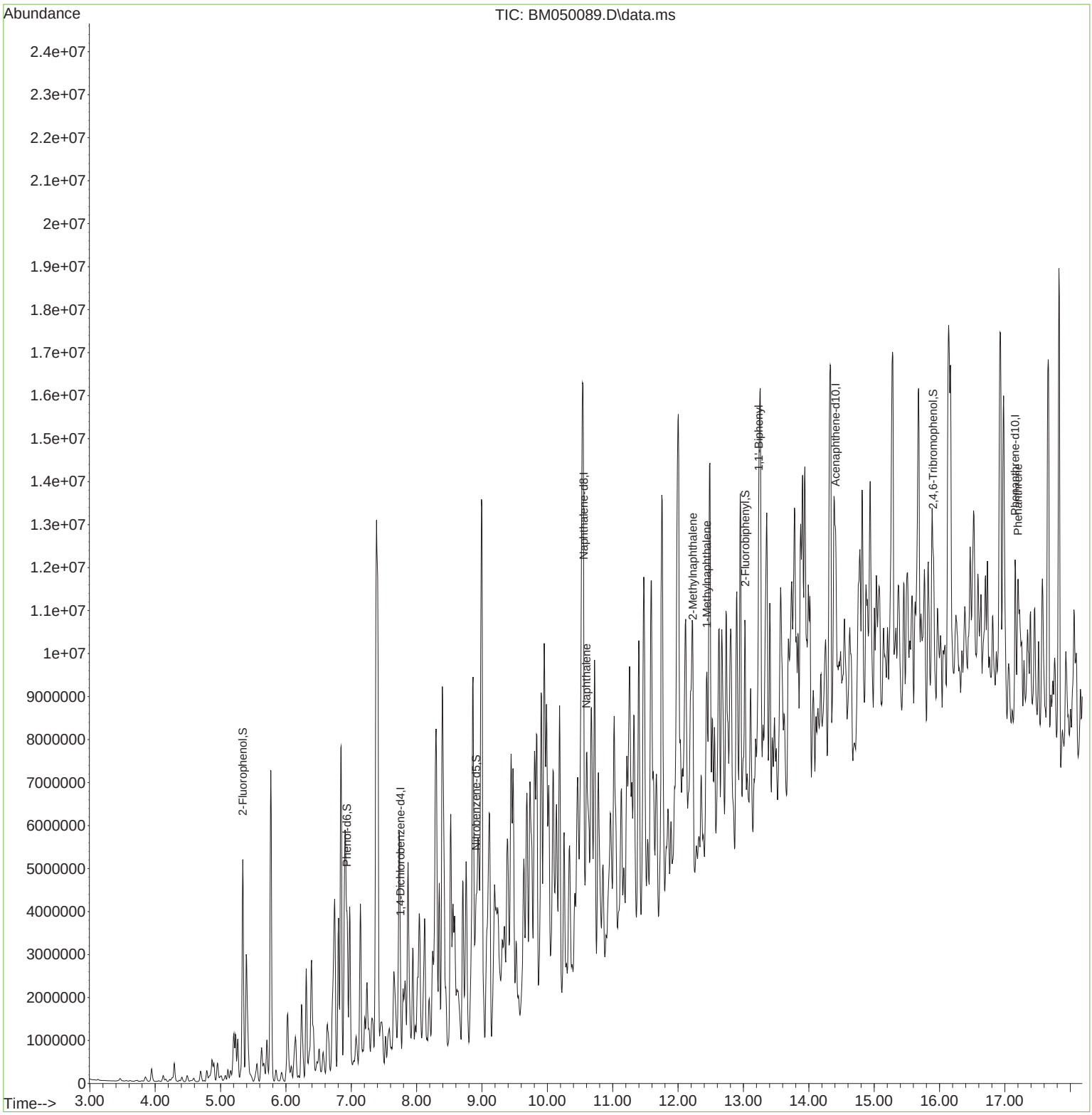
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050089.D
Acq On : 02 May 2025 17:17
Operator : RC/JU
Sample : Q1914-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 02 23:57:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SS-7

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



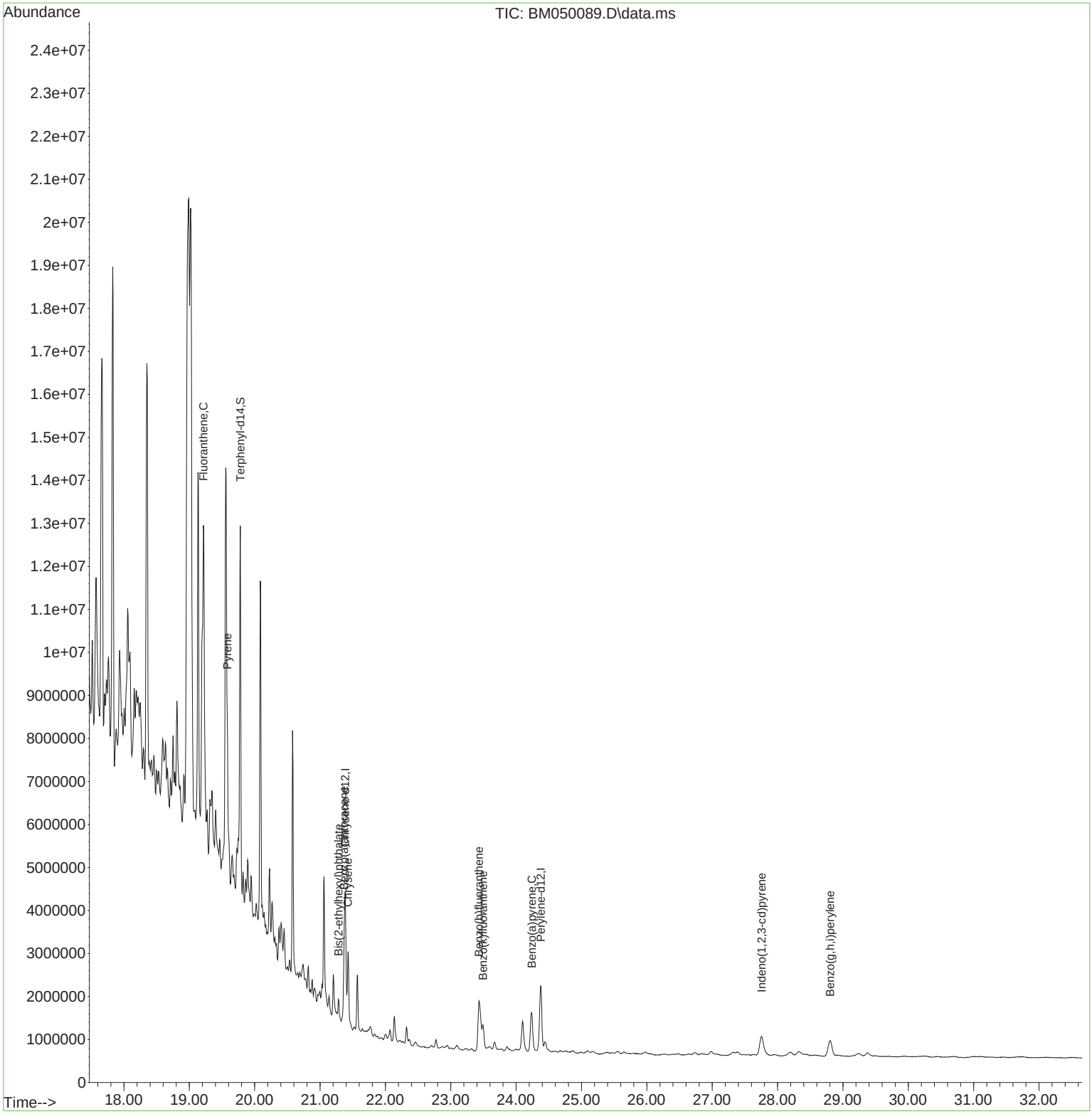
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050089.D
Acq On : 02 May 2025 17:17
Operator : RC/JU
Sample : Q1914-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

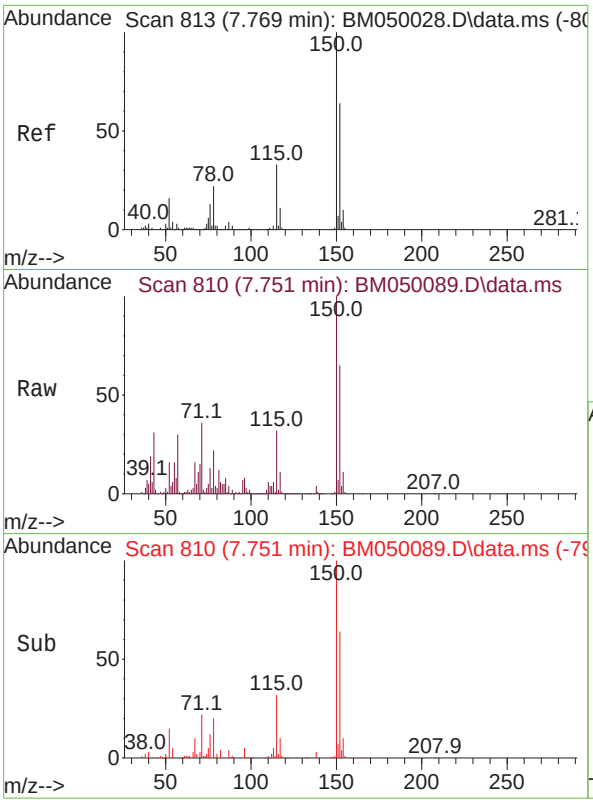
Quant Time: May 02 23:57:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SS-7

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

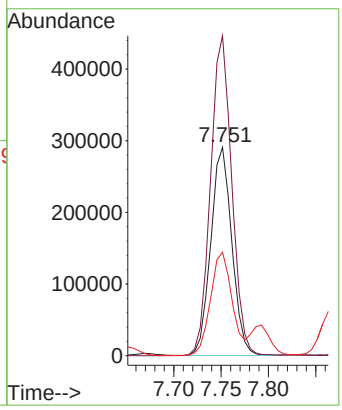




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.751 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM050089.D
Acq: 02 May 2025 17:17

Tgt Ion:152 Resp: 45004

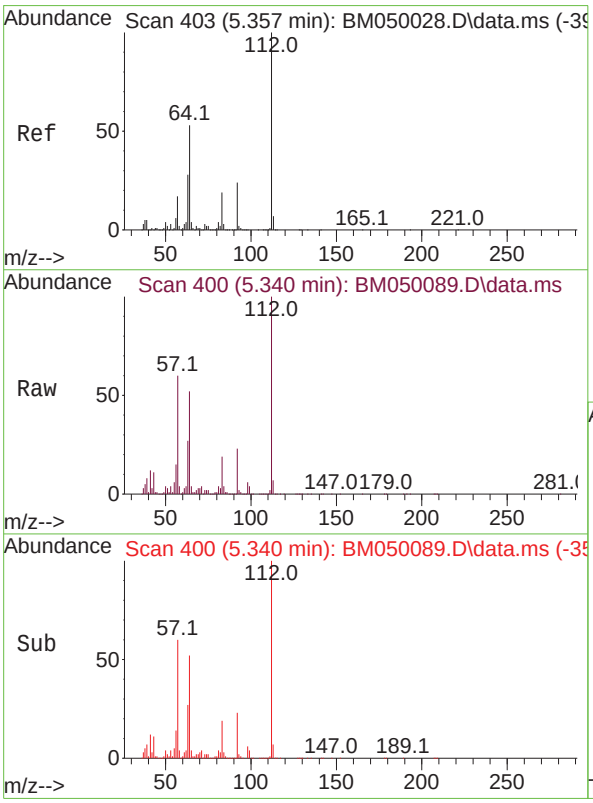
Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.1	186.1
115	49.7	41.2	61.8



Instrument :
BNA_M
ClientSampleId :
SS-7

Manual Integrations
APPROVED

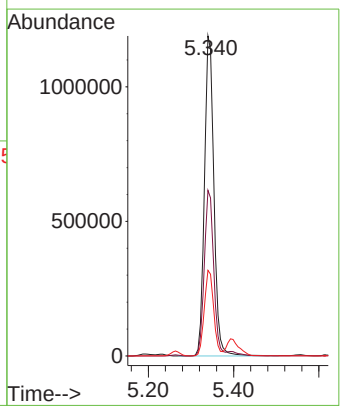
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

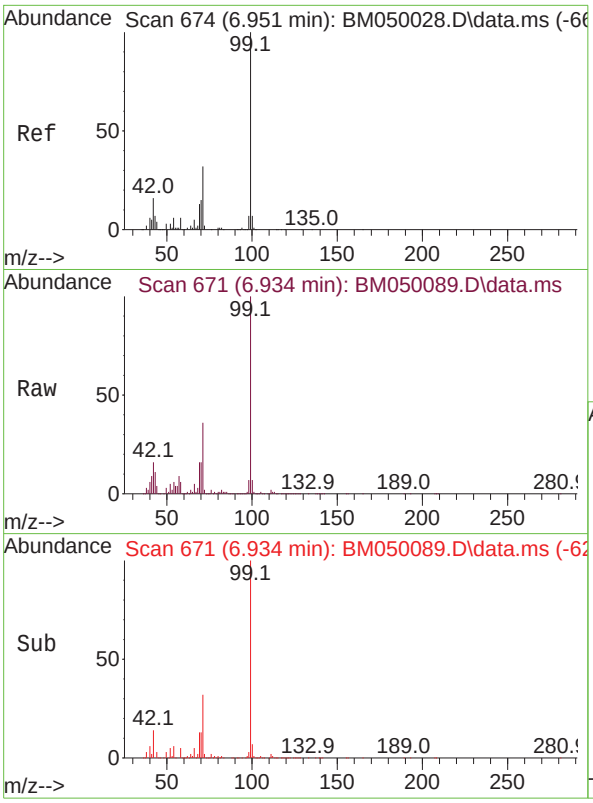


#5
2-Fluorophenol
Concen: 71.320 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050089.D
Acq: 02 May 2025 17:17

Tgt Ion:112 Resp: 1832982

Ion	Ratio	Lower	Upper
112	100		
64	51.7	42.6	64.0
63	26.7	22.2	33.4

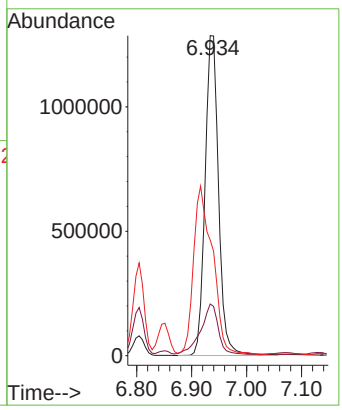




#7
Phenol-d6
Concen: 68.075 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050089.D
Acq: 02 May 2025 17:17

Tgt Ion: 99 Resp: 219902

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.0	19.4
71	36.1	25.6	38.4



Instrument :
BNA_M
ClientSampleId :
SS-7

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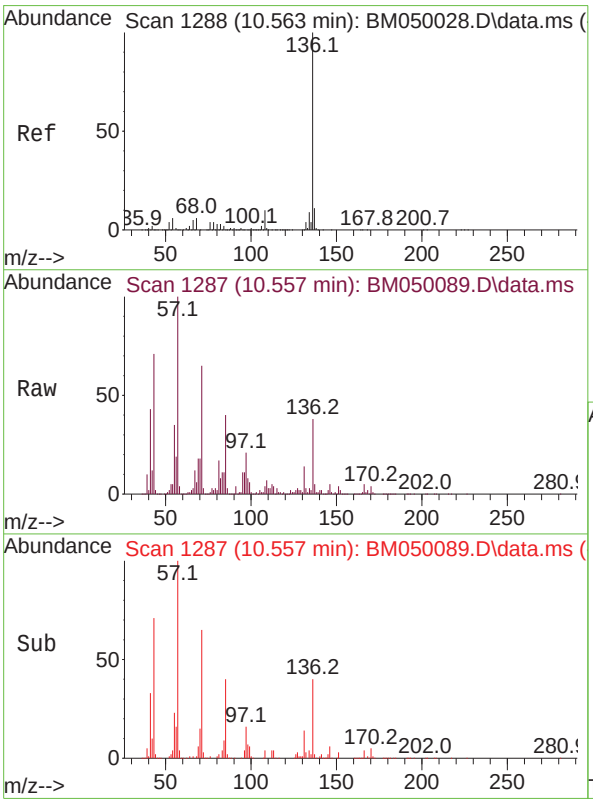
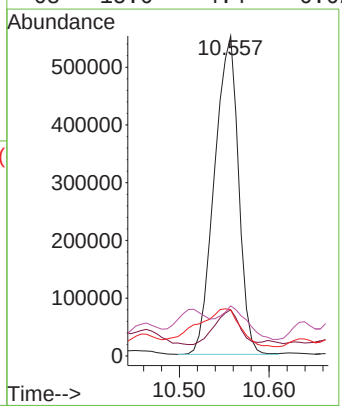
Supervised By :Jagrut Upadhyay 05/05/2025

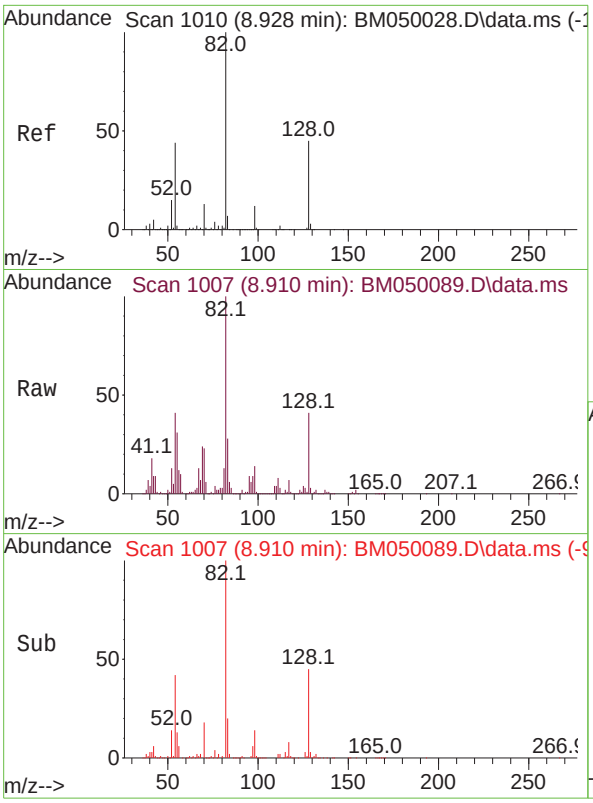


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM050089.D
Acq: 02 May 2025 17:17

Tgt Ion:136 Resp: 1023590

Ion	Ratio	Lower	Upper
136	100		
137	14.4	8.9	13.3#
54	14.4	5.1	7.7#
68	15.6	4.4	6.6#

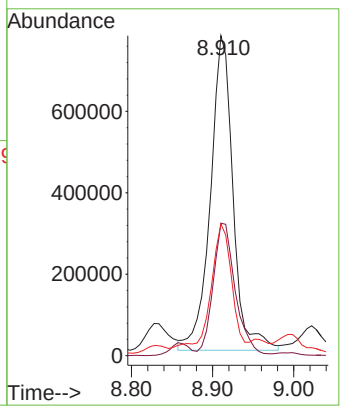




#23
Nitrobenzene-d5
Concen: 72.304 ng
RT: 8.910 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050089.D
Acq: 02 May 2025 17:17

Tgt Ion: 82 Resp: 150193

Ion	Ratio	Lower	Upper
82	100		
128	41.4	35.7	53.5
54	41.2	35.4	53.2



Instrument :
BNA_M
ClientSampleId :
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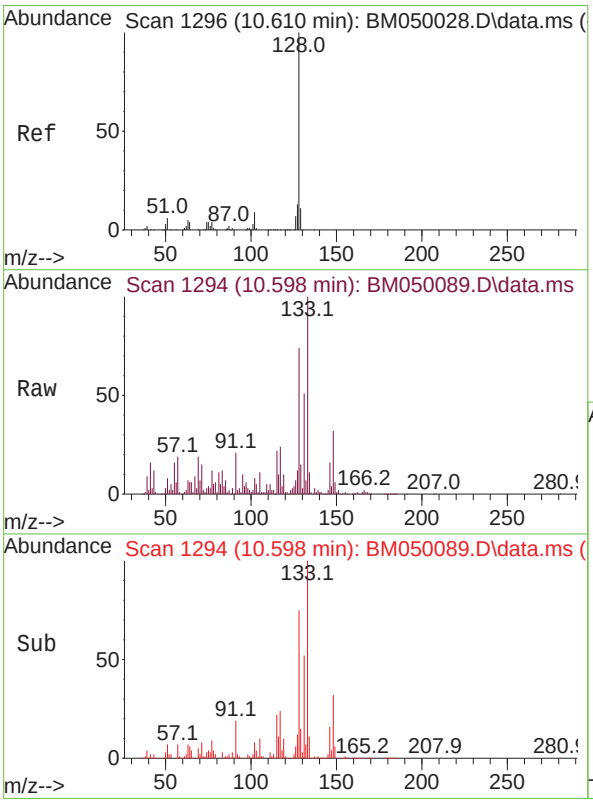
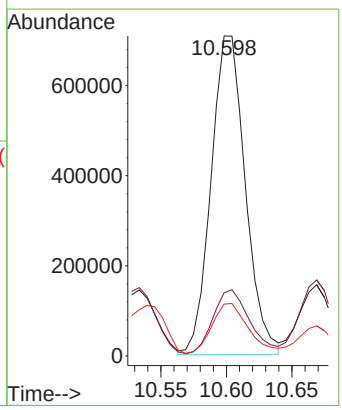
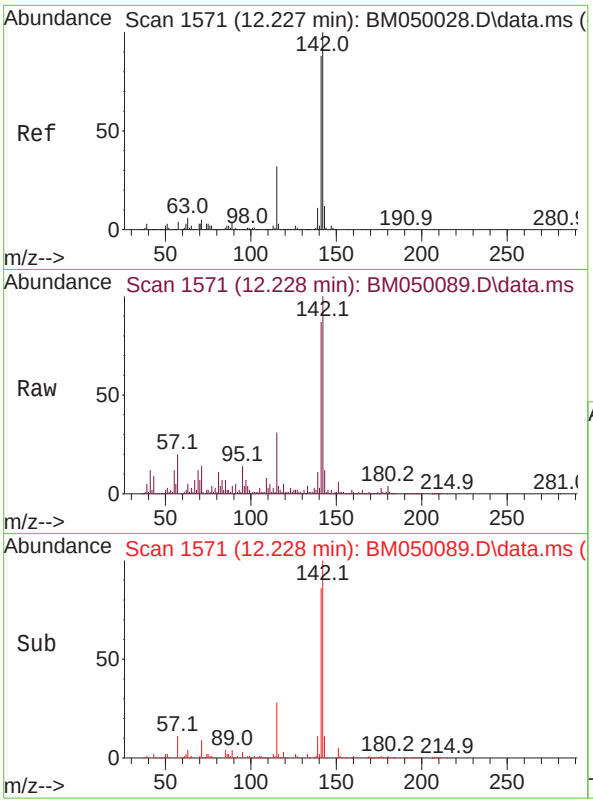


#31
Naphthalene
Concen: 24.804 ng
RT: 10.598 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BM050089.D
Acq: 02 May 2025 17:17

Tgt Ion:128 Resp: 1285753

Ion	Ratio	Lower	Upper
128	100		
129	19.8	8.8	13.2#
127	16.2	10.4	15.6#





#37
2-Methylnaphthalene
Concen: 78.140 ng
RT: 12.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050089.D
Acq: 02 May 2025 17:17

Tgt Ion:142 Resp: 271568

Ion	Ratio	Lower	Upper
142	100		
141	86.7	70.4	105.6
115	30.8	25.4	38.2

Instrument :
BNA_M
ClientSampleId :
SS-7

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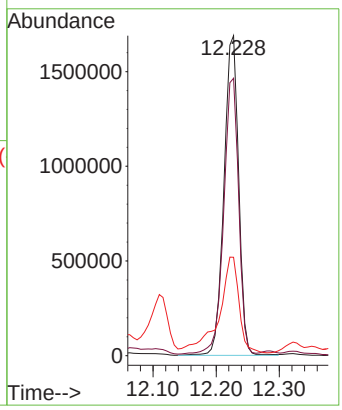
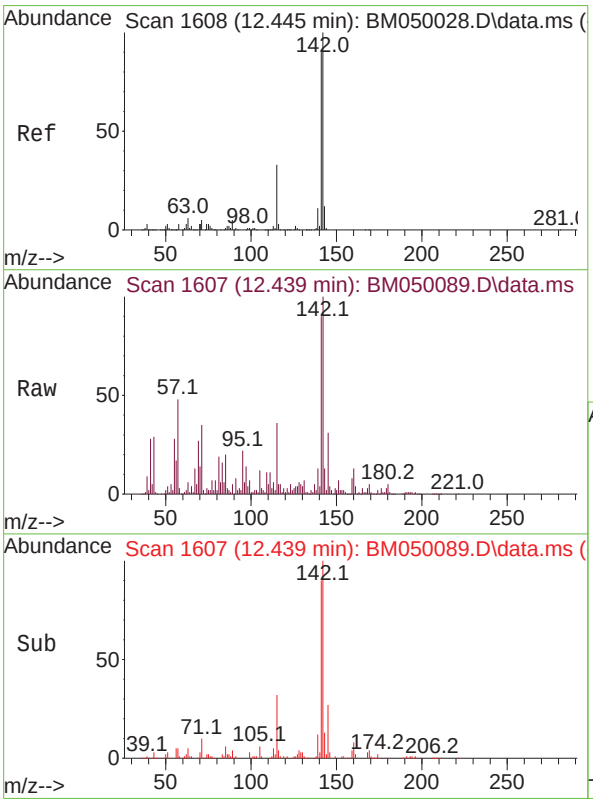
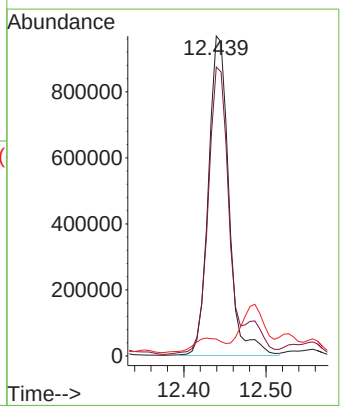


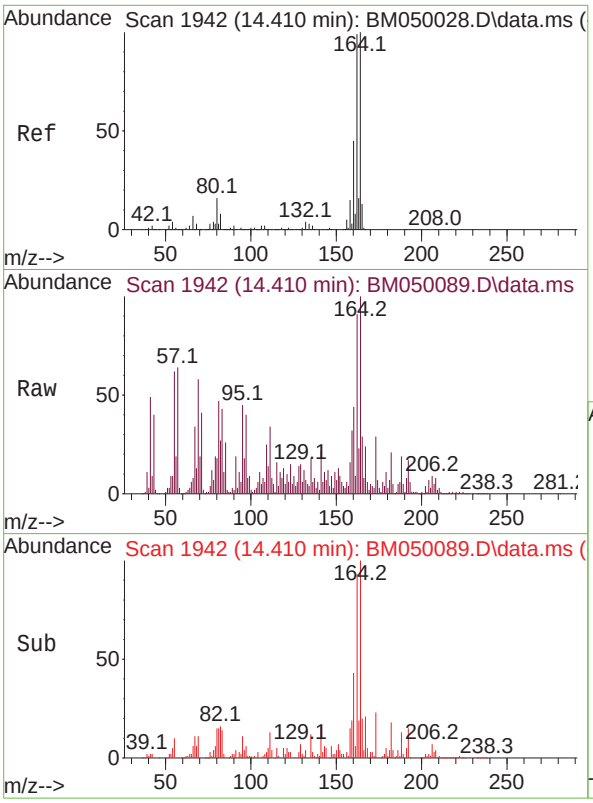


#38
1-Methylnaphthalene
Concen: 45.476 ng m
RT: 12.439 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BM050089.D
Acq: 02 May 2025 17:17

Tgt Ion:142 Resp: 1672580

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.1	108.1
116	5.3	2.7	4.1#

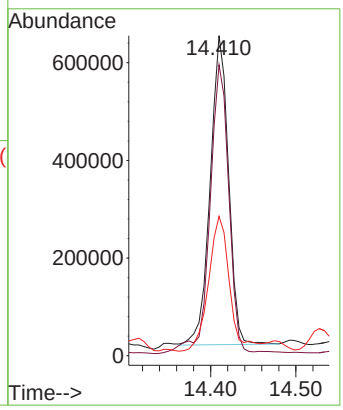




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050089.D
Acq: 02 May 2025 17:17

Tgt Ion:164 Resp: 94735

Ion	Ratio	Lower	Upper
164	100		
162	90.9	79.4	119.0
160	43.5	36.2	54.4



Instrument :
BNA_M
ClientSampleId :
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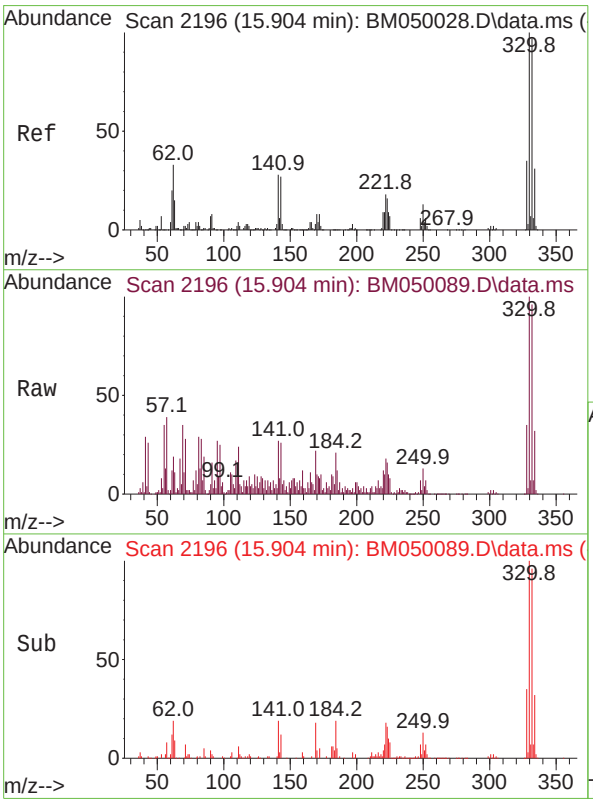
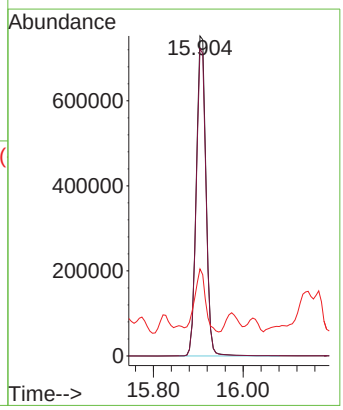
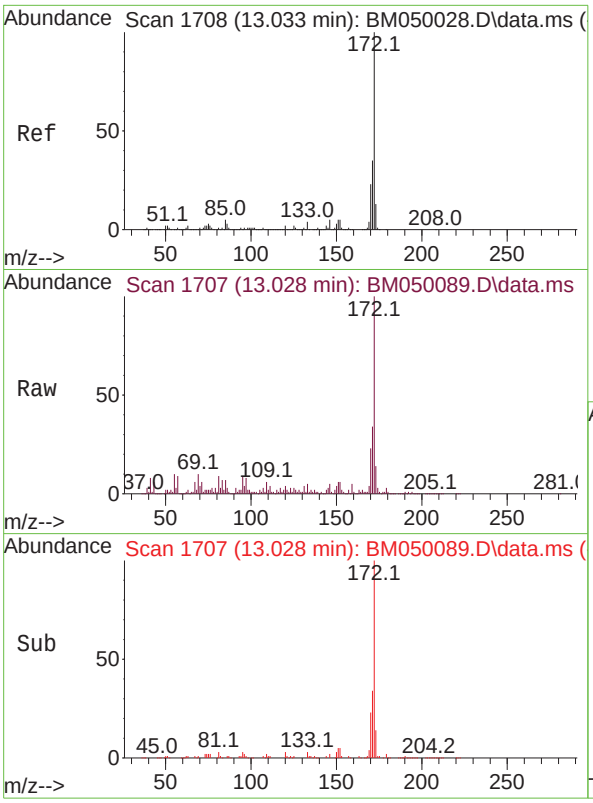


#42
2,4,6-Tribromophenol
Concen: 80.337 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM050089.D
Acq: 02 May 2025 17:17

Tgt Ion:330 Resp: 1125353

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	22.0	22.5	33.7#





#45
2-Fluorobiphenyl
Concen: 40.228 ng
RT: 13.028 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050089.D
Acq: 02 May 2025 17:17

Tgt Ion:172 Resp: 322153

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.6
170	23.1	18.6	28.0

Instrument :
BNA_M
ClientSampleId :
SS-7

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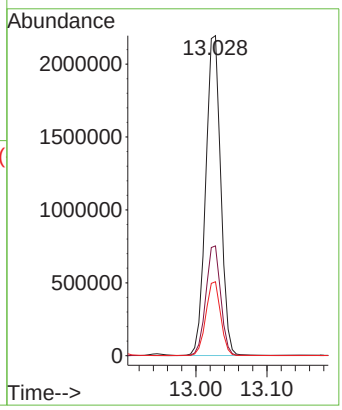
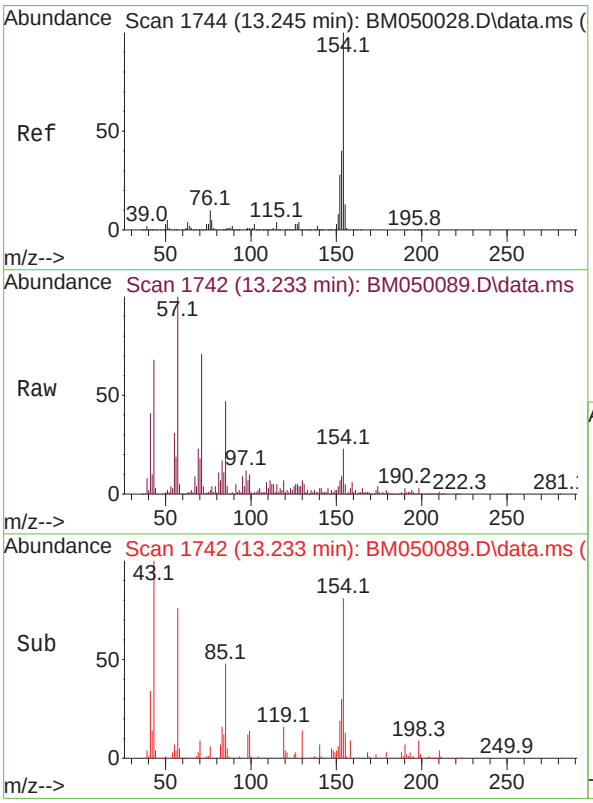
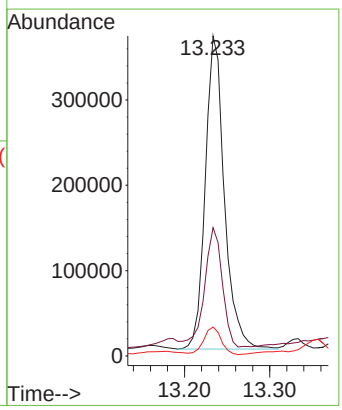


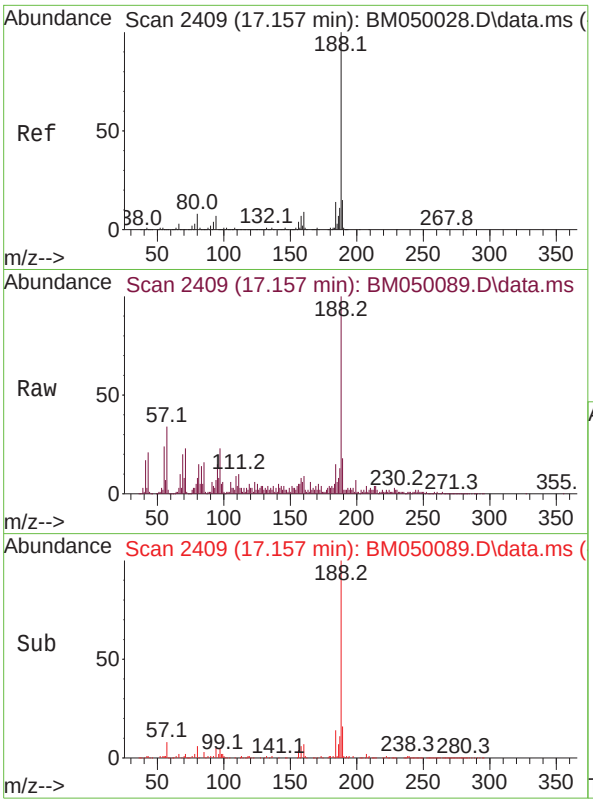


#46
1,1'-Biphenyl
Concen: 8.107 ng
RT: 13.233 min Scan# 1742
Delta R.T. -0.012 min
Lab File: BM050089.D
Acq: 02 May 2025 17:17

Tgt Ion:154 Resp: 570929

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.0	60.0
76	9.1	0.0	30.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050089.D
Acq: 02 May 2025 17:17

Instrument :
BNA_M
ClientSampleId :
SS-7

Tgt Ion:188 Resp: 189724

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.7	8.5
80	7.6	6.2	9.4

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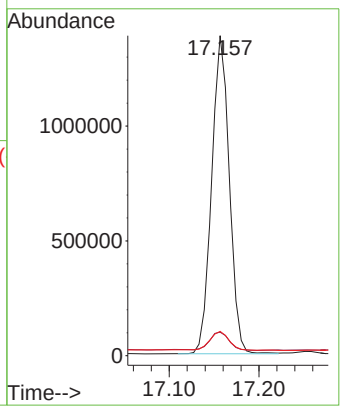
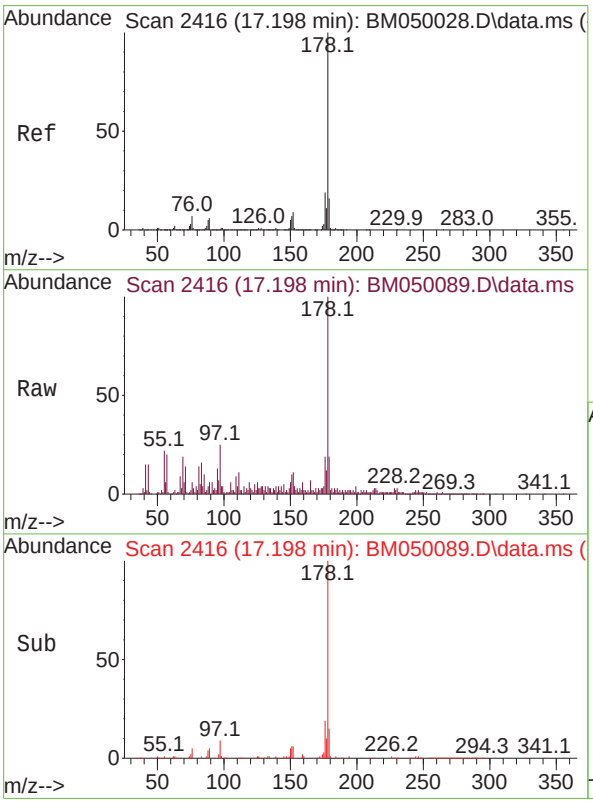
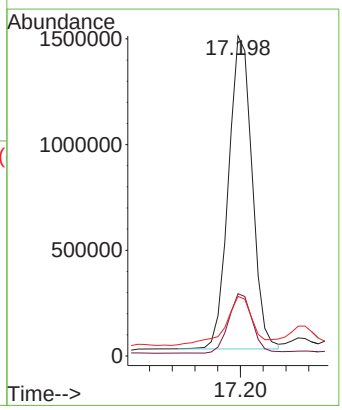


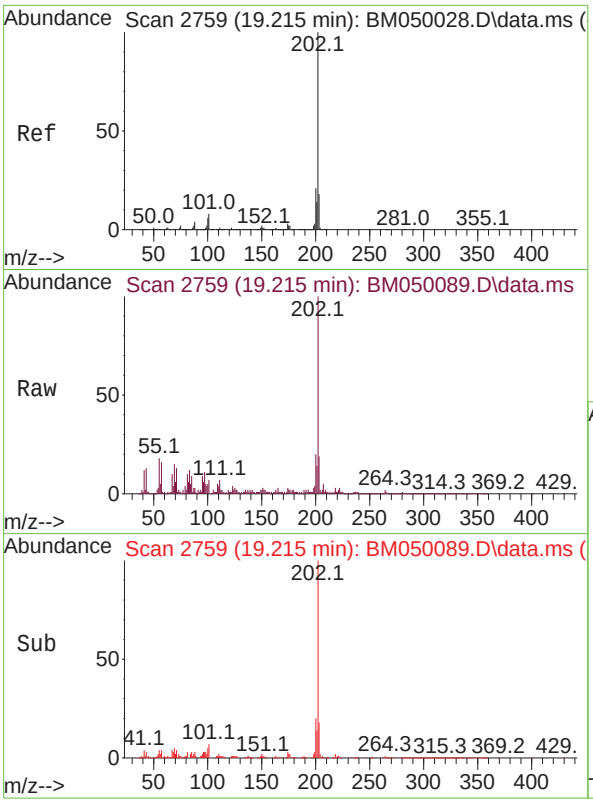


#71
Phenanthrene
Concen: 19.882 ng
RT: 17.198 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BM050089.D
Acq: 02 May 2025 17:17

Tgt Ion:178 Resp: 2127512

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	18.6	12.4	18.6#





#75
Fluoranthene
Concen: 22.816 ng
RT: 19.215 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050089.D
Acq: 02 May 2025 17:17

Tgt Ion:202 Resp: 286645

Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	28.0
203	18.7	0.0	37.7

Instrument :
BNA_M
ClientSampleId :
SS-7

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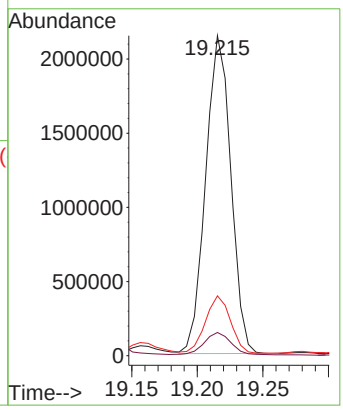
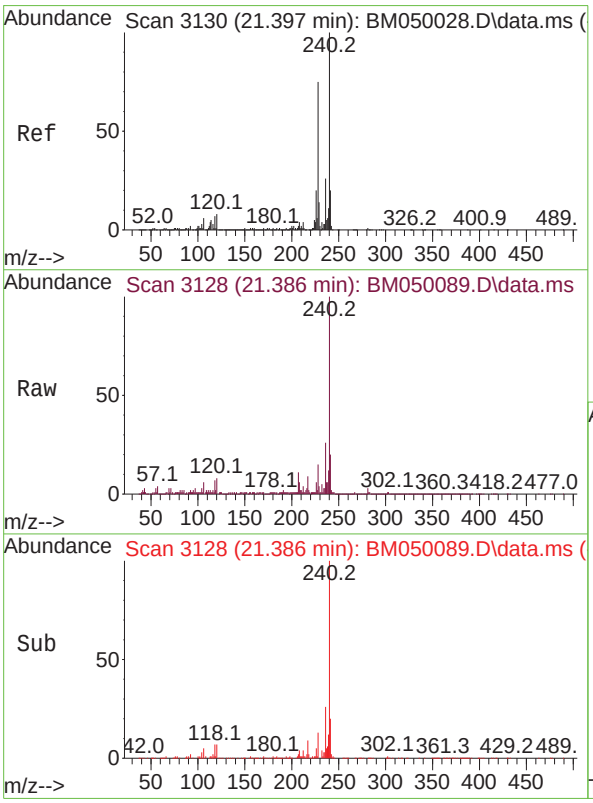
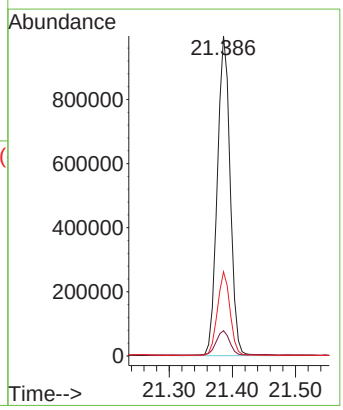


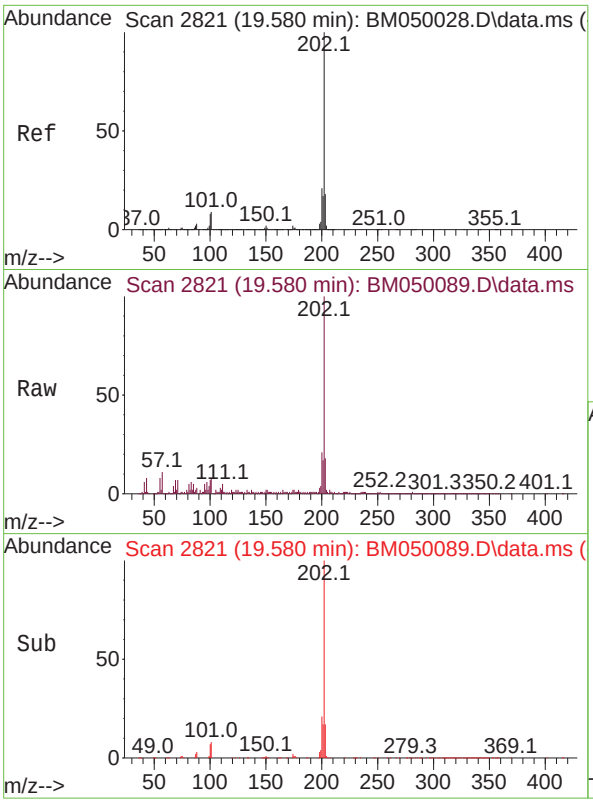


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050089.D
Acq: 02 May 2025 17:17

Tgt Ion:240 Resp: 1412128

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.5	9.7
236	26.3	20.9	31.3

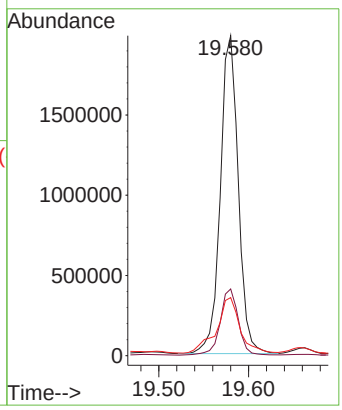




#78
Pyrene
Concen: 27.776 ng
RT: 19.580 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050089.D
Acq: 02 May 2025 17:17

Tgt Ion:202 Resp: 275441

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	18.2	14.1	21.1



Instrument :
BNA_M
ClientSampleId :
SS-7

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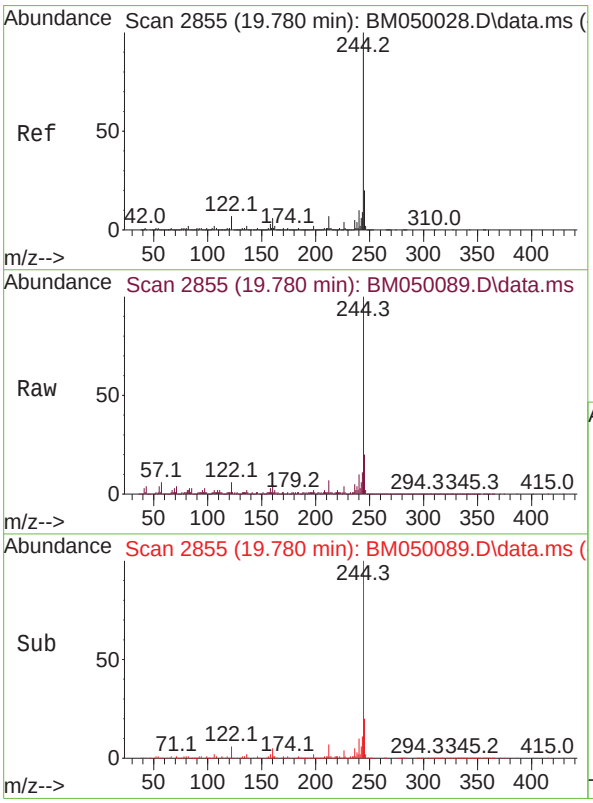
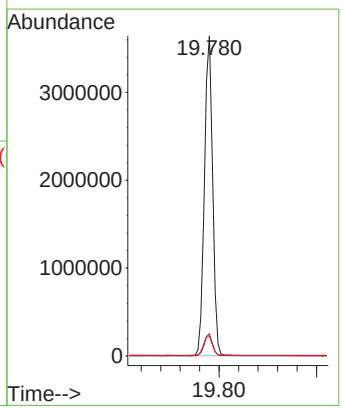
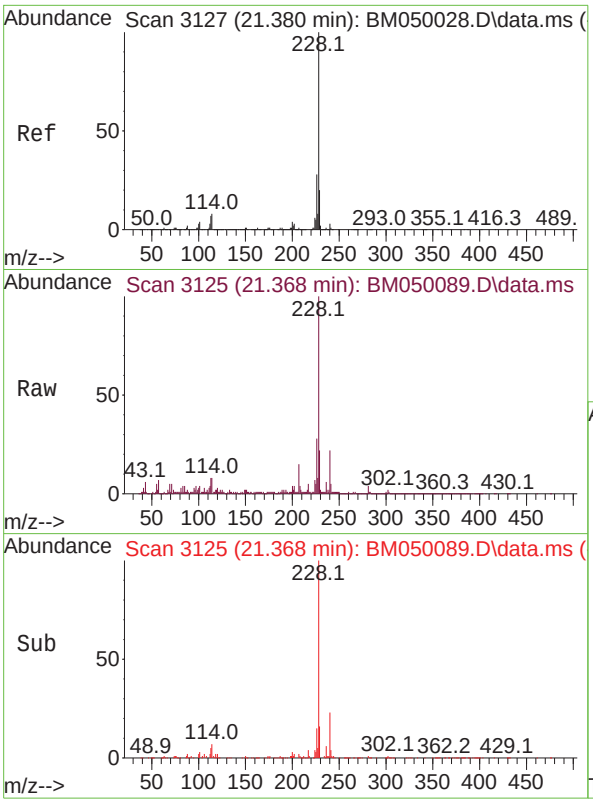


#79
Terphenyl-d14
Concen: 44.488 ng
RT: 19.780 min Scan# 2855
Delta R.T. 0.000 min
Lab File: BM050089.D
Acq: 02 May 2025 17:17

Tgt Ion:244 Resp: 4245502

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	6.2	5.6	8.4

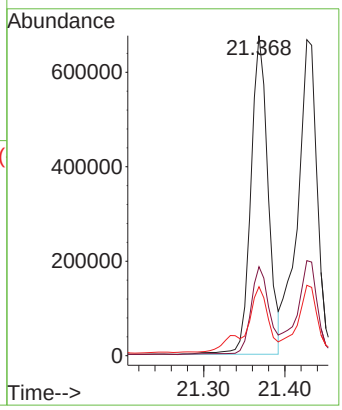




#81
Benzo(a)anthracene
Concen: 10.221 ng
RT: 21.368 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050089.D
Acq: 02 May 2025 17:17

Tgt Ion:228 Resp: 99396

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	21.6	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
SS-7

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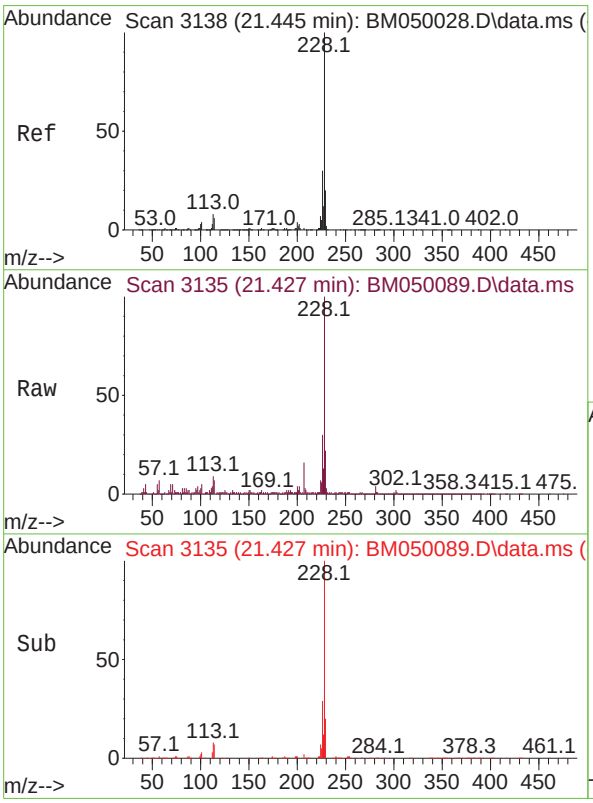
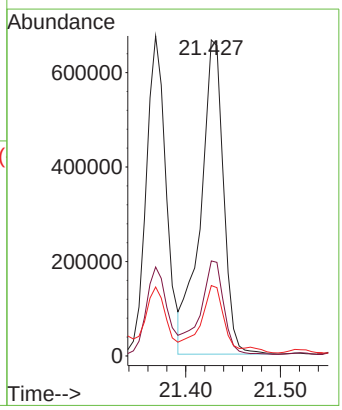
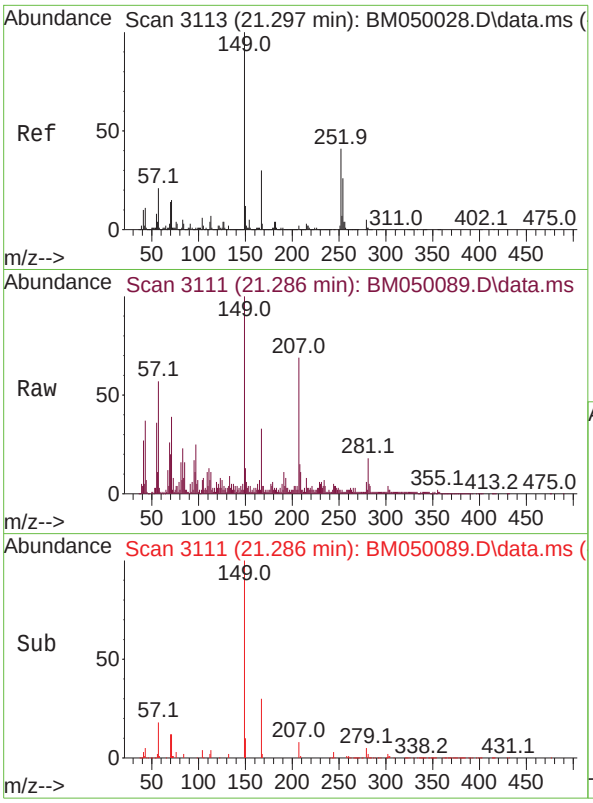


#83
Chrysene
Concen: 12.448 ng
RT: 21.427 min Scan# 3135
Delta R.T. -0.018 min
Lab File: BM050089.D
Acq: 02 May 2025 17:17

Tgt Ion:228 Resp: 1120290

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	22.3	15.7	23.5





#84
Bis(2-ethylhexyl)phthalate
Concen: 3.257 ng
RT: 21.286 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050089.D
Acq: 02 May 2025 17:17

Instrument :
BNA_M
ClientSampleId :
SS-7

Tgt Ion:149 Resp: 18071

Ion	Ratio	Lower	Upper
149	100		
167	32.7	24.1	36.1
279	6.1	3.9	5.9#

Manual Integrations
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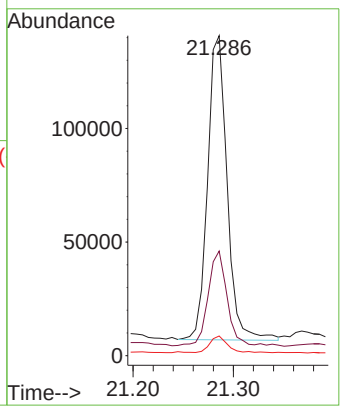
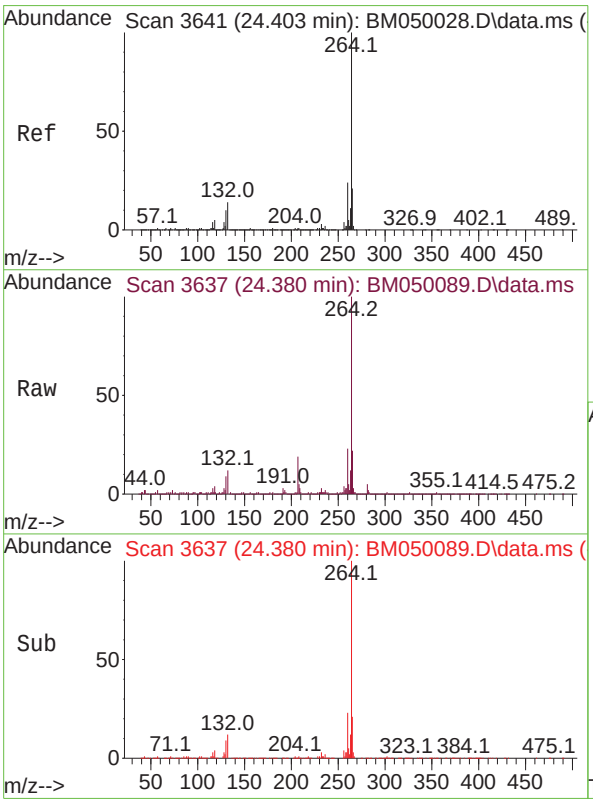
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

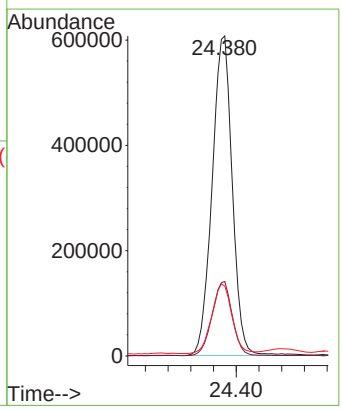


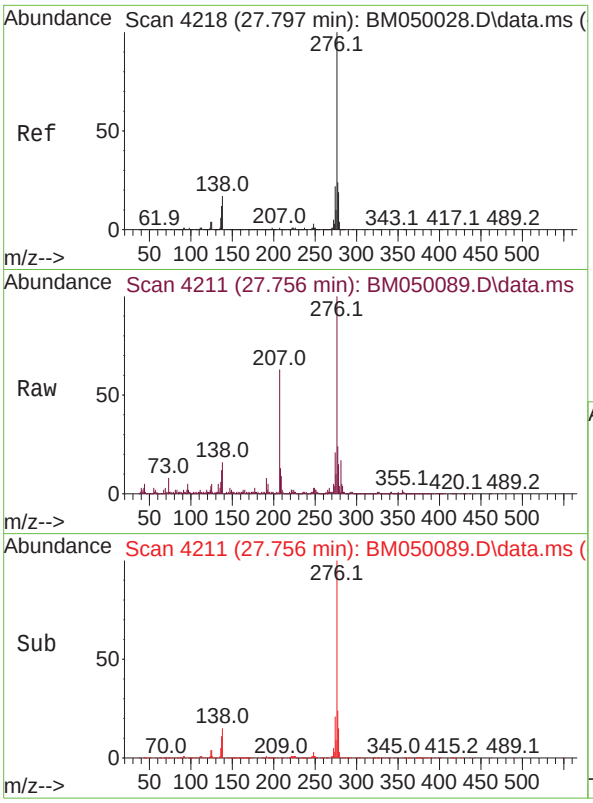


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.380 min Scan# 3637
Delta R.T. -0.023 min
Lab File: BM050089.D
Acq: 02 May 2025 17:17

Tgt Ion:264 Resp: 1490251

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	21.8	17.0	25.4

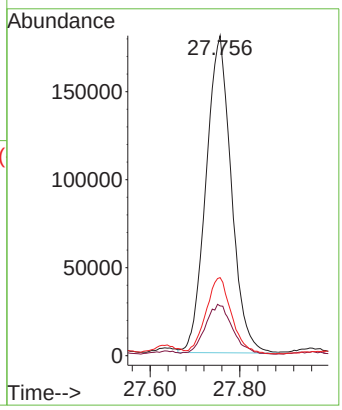




#87
Indeno(1,2,3-cd)pyrene
Concen: 6.344 ng
RT: 27.756 min Scan# 4
Delta R.T. -0.041 min
Lab File: BM050089.D
Acq: 02 May 2025 17:17

Tgt Ion:276 Resp: 70441

Ion	Ratio	Lower	Upper
276	100		
138	17.1	16.4	24.6
277	24.3	19.8	29.8



Instrument :
BNA_M
ClientSampleId :
SS-7

Manual Integrations
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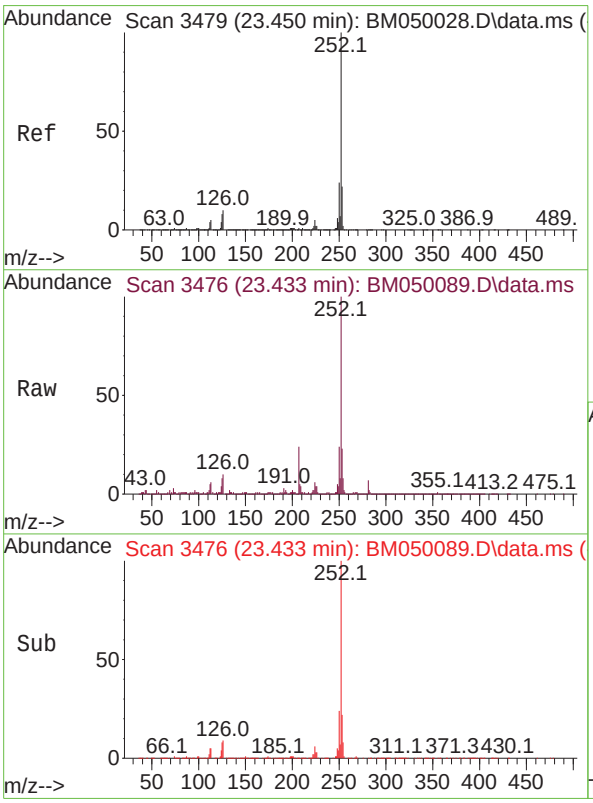
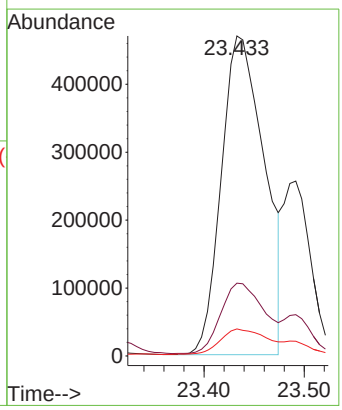
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

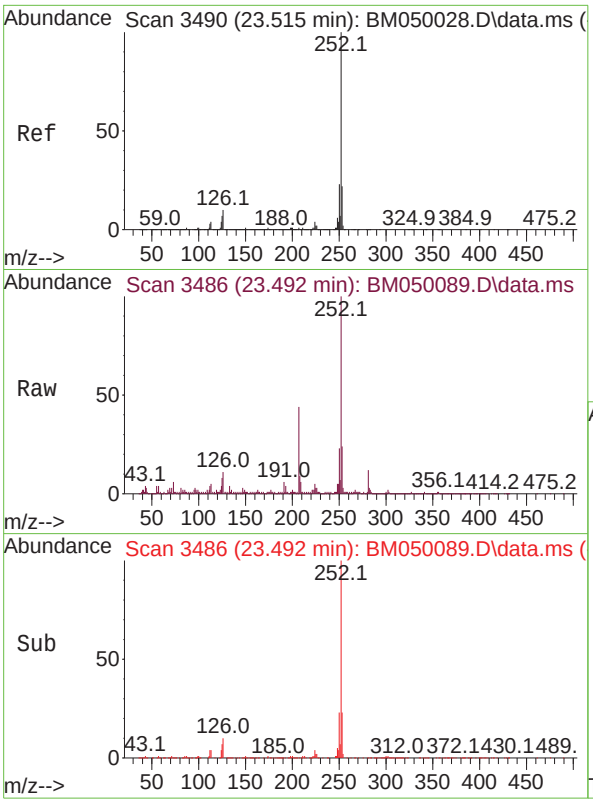


#88
Benzo(b)fluoranthene
Concen: 14.442 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.018 min
Lab File: BM050089.D
Acq: 02 May 2025 17:17

Tgt Ion:252 Resp: 1399614

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	8.5	6.1	9.1

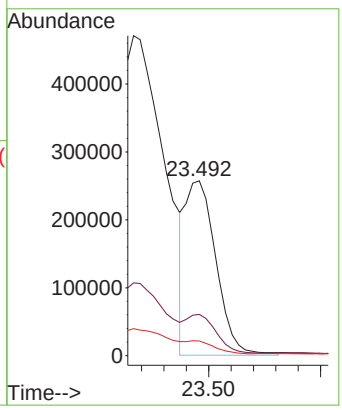




#89
Benzo(k)fluoranthene
Concen: 4.997 ng m
RT: 23.492 min Scan# 3
Delta R.T. -0.023 min
Lab File: BM050089.D
Acq: 02 May 2025 17:17

Tgt Ion:252 Resp: 48982

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	8.4	5.8	8.8



Instrument :
BNA_M
ClientSampleId :
SS-7

Manual Integrations
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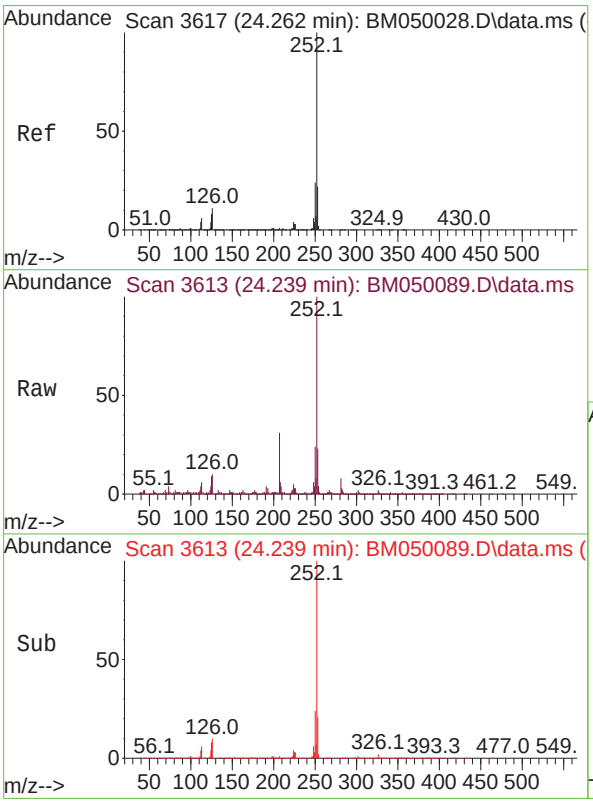
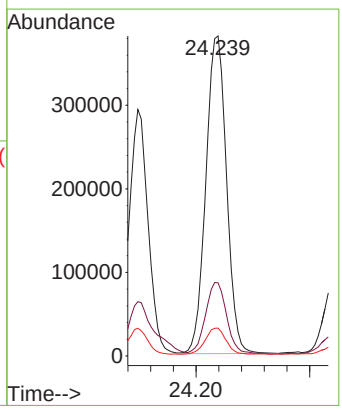
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

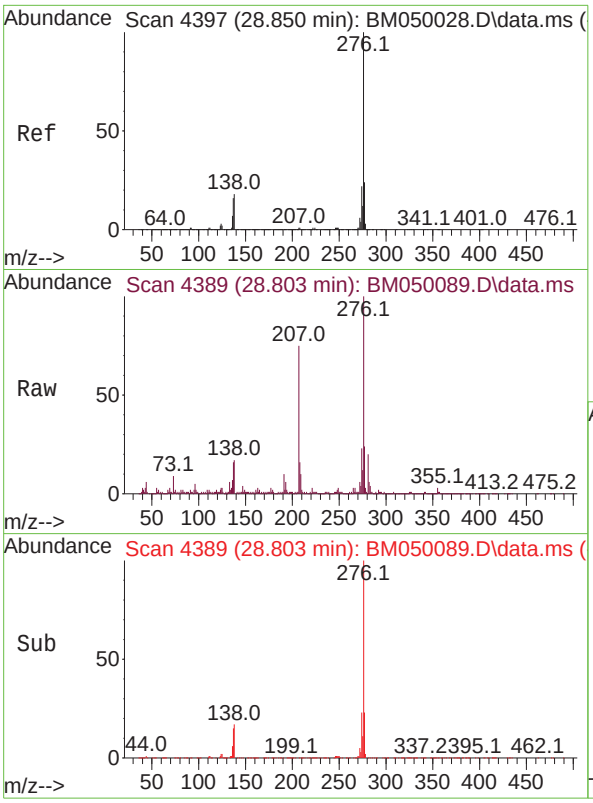


#90
Benzo(a)pyrene
Concen: 10.558 ng
RT: 24.239 min Scan# 3613
Delta R.T. -0.023 min
Lab File: BM050089.D
Acq: 02 May 2025 17:17

Tgt Ion:252 Resp: 958358

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	8.7	6.6	9.8

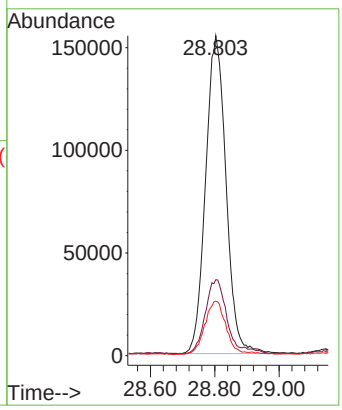




#92
Benzo(g,h,i)perylene
Concen: 7.876 ng
RT: 28.803 min Scan# 4
Delta R.T. -0.047 min
Lab File: BM050089.D
Acq: 02 May 2025 17:17

Tgt Ion:276 Resp: 68250

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	17.0	14.3	21.5



Instrument :
BNA_M
ClientSampleId :
SS-7

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-8	SDG No.:	Q1914
Lab Sample ID:	Q1914-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	92.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050082.D	1	04/30/25 11:00	05/02/25 12:41	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	2000		24.5	180	ug/Kg
208-96-8	Acenaphthylene	180	U	31.2	180	ug/Kg
83-32-9	Acenaphthene	190		23.0	180	ug/Kg
86-73-7	Fluorene	180	U	27.3	180	ug/Kg
85-01-8	Phenanthrene	1400		22.6	180	ug/Kg
120-12-7	Anthracene	220		35.9	180	ug/Kg
206-44-0	Fluoranthene	2000		32.4	180	ug/Kg
129-00-0	Pyrene	1800		38.9	180	ug/Kg
56-55-3	Benzo(a)anthracene	930		24.8	180	ug/Kg
218-01-9	Chrysene	860		21.5	180	ug/Kg
205-99-2	Benzo(b)fluoranthene	980		20.5	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	330		24.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	770		31.8	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	420		31.4	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	J	29.6	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	490		27.7	180	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	138	*	18 - 107	138%	SPK: 100
321-60-8	2-Fluorobiphenyl	54.6		20 - 109	55%	SPK: 100
1718-51-0	Terphenyl-d14	55.5		10 - 105	55%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	344000	7.751			
1146-65-2	Naphthalene-d8	631000	10.557			
15067-26-2	Acenaphthene-d10	706000	14.416			
1517-22-2	Phenanthrene-d10	1170000	17.157			
1719-03-5	Chrysene-d12	1220000	21.386			
1520-96-3	Perylene-d12	1380000	24.374			

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-8	SDG No.:	Q1914
Lab Sample ID:	Q1914-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	92.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050082.D	1	04/30/25 11:00	05/02/25 12:41	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050082.D
Acq On : 02 May 2025 12:41
Operator : RC/JU
Sample : Q1914-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 02 13:41:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SS-8

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.751	152	344484	20.000	ng	-0.02
21) Naphthalene-d8	10.557	136	630857	20.000	ng	# 0.00
39) Acenaphthene-d10	14.416	164	706415	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1174129	20.000	ng	# 0.00
76) Chrysene-d12	21.386	240	1218527	20.000	ng	-0.01
86) Perylene-d12	24.374	264	1375318	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2322463	118.055	ng	-0.01
7) Phenol-d6	6.940	99	2505773	101.341	ng	-0.01
23) Nitrobenzene-d5	8.916	82	1771743	138.391	ng	-0.01
42) 2,4,6-Tribromophenol	15.910	330	1032011	98.802	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	3262574	54.636	ng	0.00
79) Terphenyl-d14	19.780	244	4567238	55.463	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.604	128	1770044	55.403	ng	# 86
37) 2-Methylnaphthalene	12.233	142	3451439	161.134	ng	99
38) 1-Methylnaphthalene	12.445	142	2160593m	95.315	ng	
46) 1,1'-Biphenyl	13.239	154	711656	13.552	ng	98
52) Acenaphthene	14.480	154	202098	5.325	ng	# 82
71) Phenanthrene	17.204	178	2636316	39.810	ng	97
72) Anthracene	17.292	178	411989m	6.148	ng	
74) Di-n-butylphthalate	18.115	149	459124	6.630	ng	# 88
75) Fluoranthene	19.221	202	4425756	56.924	ng	98
78) Pyrene	19.580	202	4298119	50.230	ng	99
81) Benzo(a)anthracene	21.368	228	2173300	25.900	ng	98
83) Chrysene	21.433	228	1857590	23.919	ng	98
84) Bis(2-ethylhexyl)phtha...	21.286	149	1283549	26.813	ng	98
87) Indeno(1,2,3-cd)pyrene	27.750	276	1189908	11.611	ng	96
88) Benzo(b)fluoranthene	23.433	252	2437742	27.255	ng	99
89) Benzo(k)fluoranthene	23.491	252	830931m	9.184	ng	
90) Benzo(a)pyrene	24.233	252	1789914	21.367	ng	98
91) Dibenzo(a,h)anthracene	27.785	278	316870	3.793	ng	95
92) Benzo(g,h,i)perylene	28.803	276	1082442	13.535	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050082.D
Acq On : 02 May 2025 12:41
Operator : RC/JU
Sample : Q1914-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 02 13:41:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SS-8

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/05/2025
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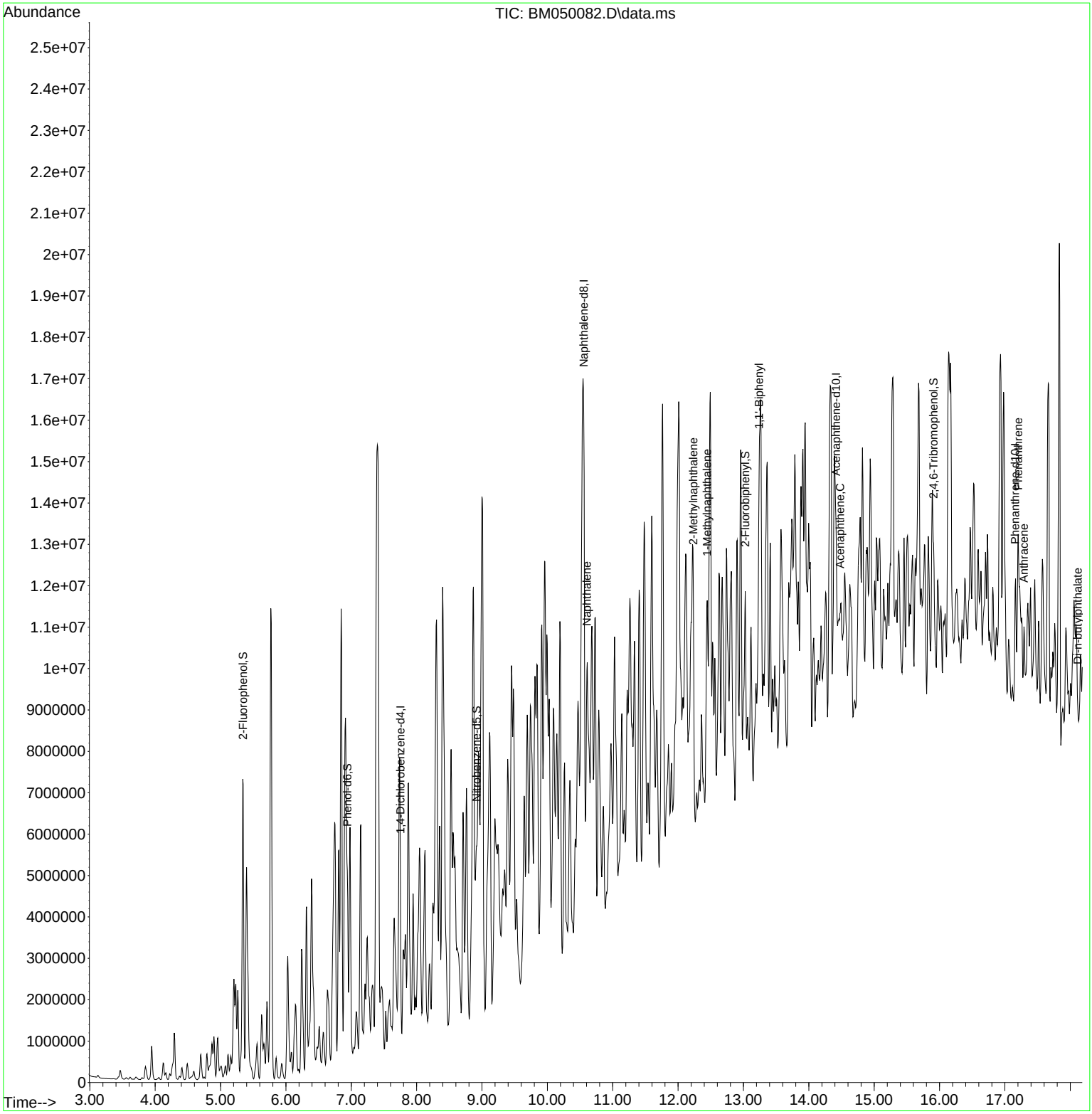

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050082.D
Acq On : 02 May 2025 12:41
Operator : RC/JU
Sample : Q1914-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 02 13:41:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SS-8

Manual Integrations APPROVED

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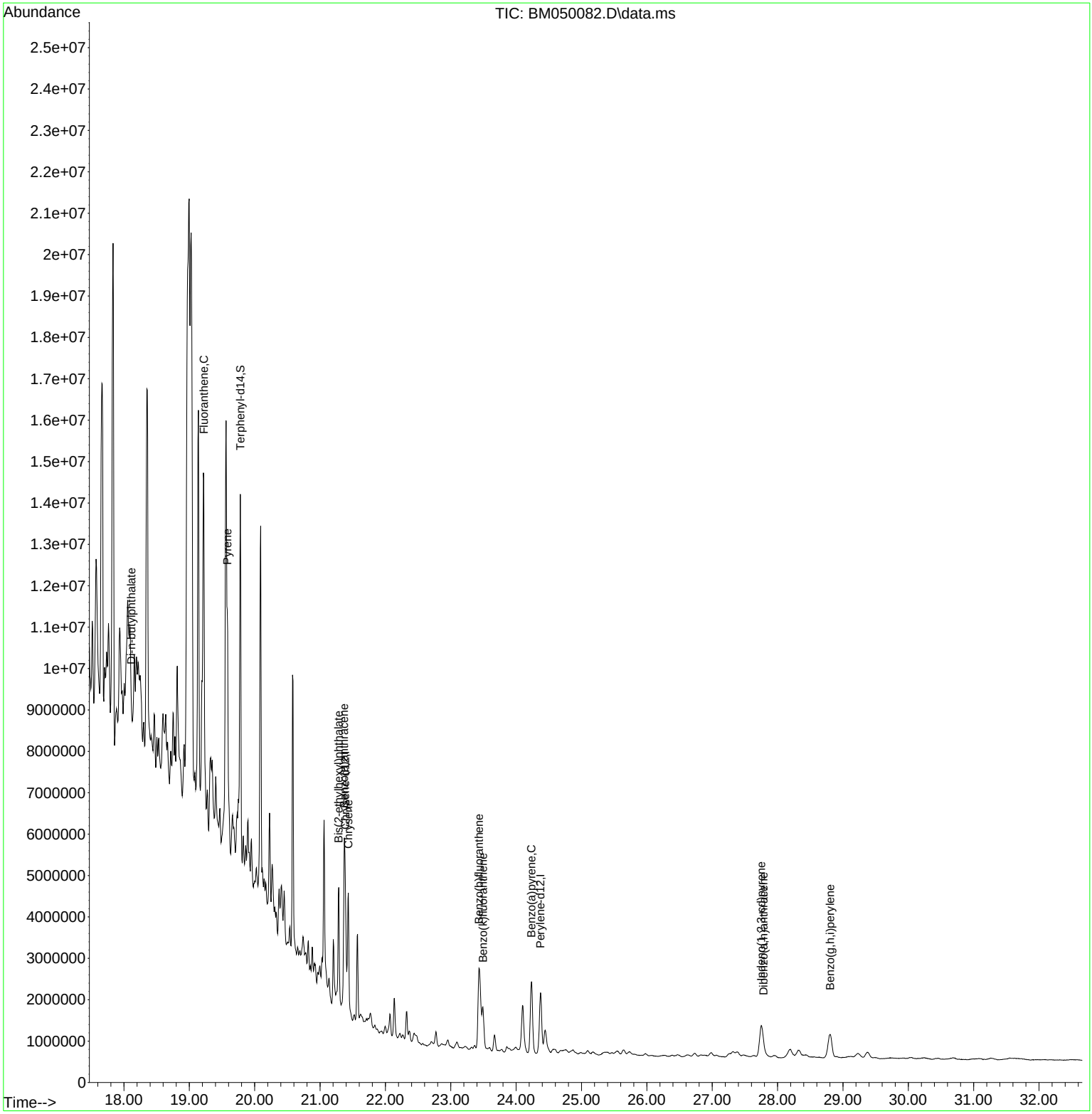
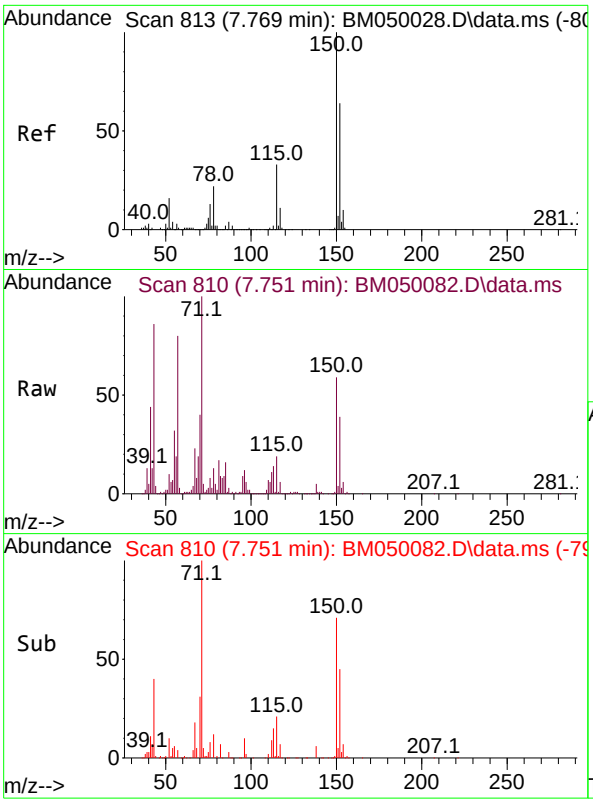
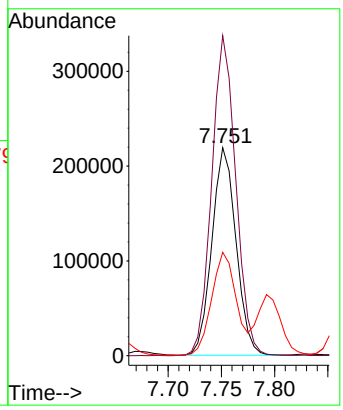




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.751 min Scan# 8
Delta R.T. -0.018 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:152 Resp: 34448

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.1	186.1
115	49.7	41.2	61.8



Instrument :
BNA_M
ClientSampleId :
SS-8

Manual Integrations
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Reviewed By :Rahul Chavli 05/05/2025
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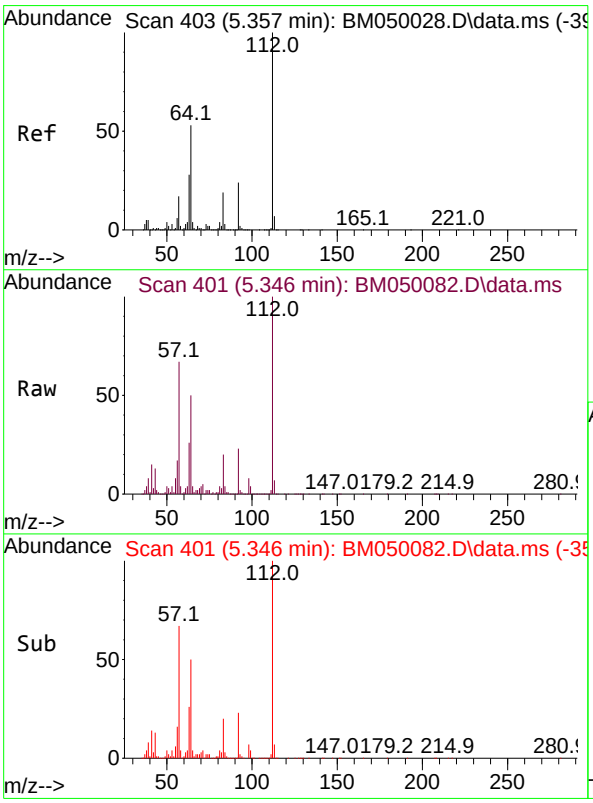
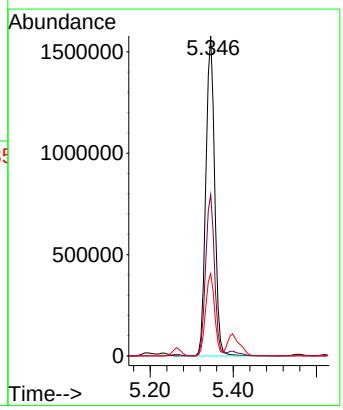
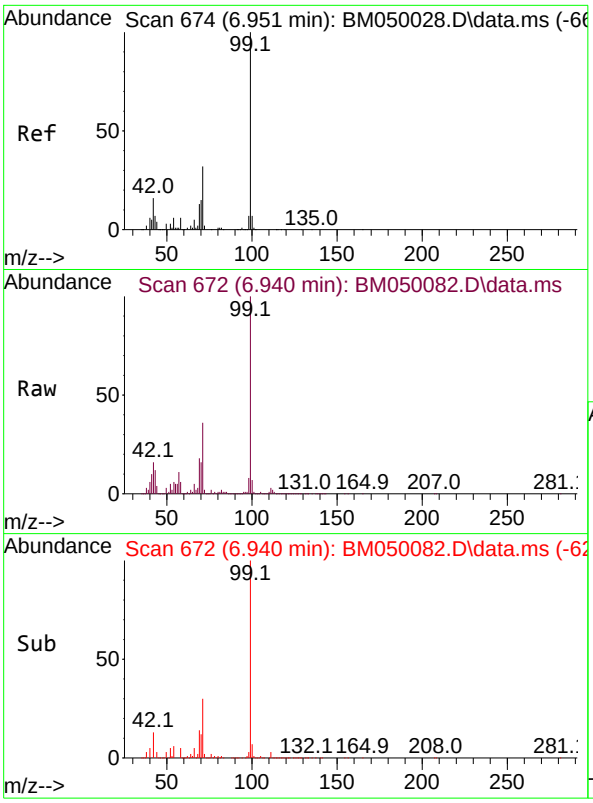


#5
2-Fluorophenol
Concen: 118.055 ng
RT: 5.346 min Scan# 401
Delta R.T. -0.012 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:112 Resp: 2322463

Ion	Ratio	Lower	Upper
112	100		
64	50.4	42.6	64.0
63	25.7	22.2	33.4

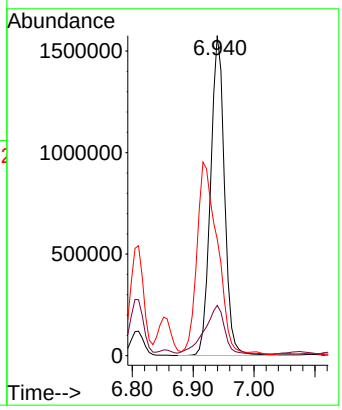




#7
Phenol-d6
Concen: 101.341 ng
RT: 6.940 min Scan# 6
Delta R.T. -0.012 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion: 99 Resp: 250577

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.0	19.4
71	36.4	25.6	38.4



Instrument :
BNA_M
ClientSampleId :
SS-8

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/05/2025
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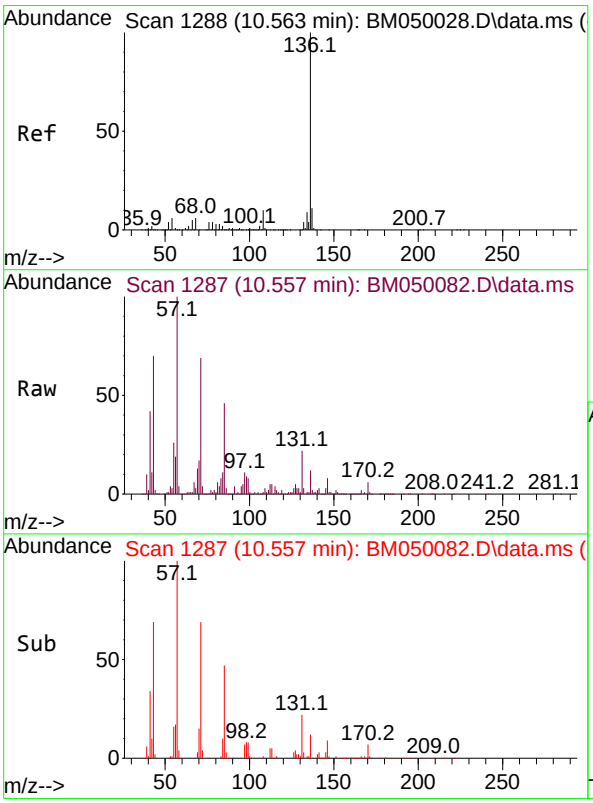
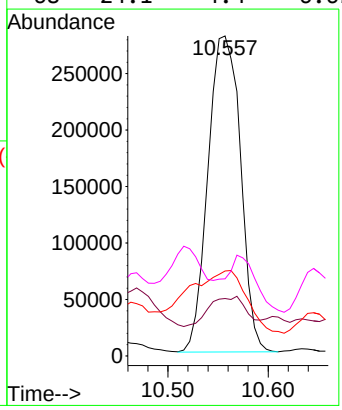
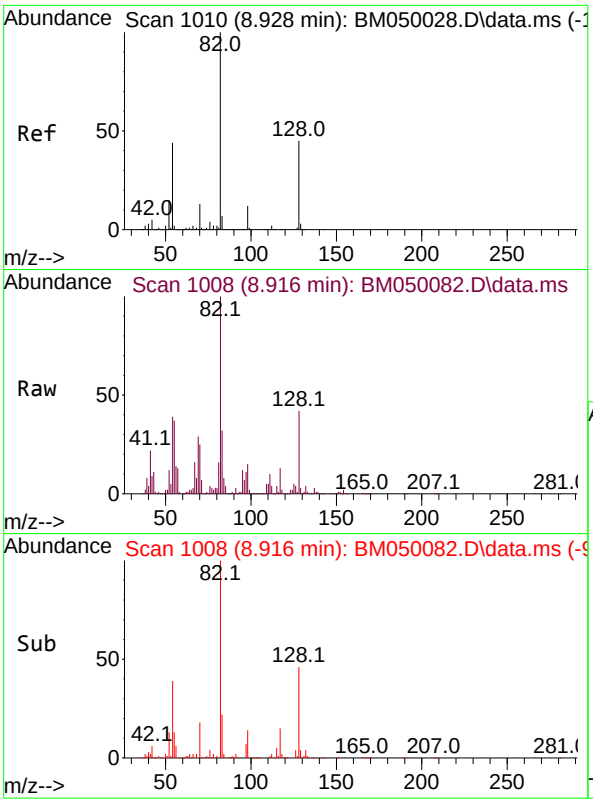


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:136 Resp: 630857

Ion	Ratio	Lower	Upper
136	100		
137	18.0	8.9	13.3#
54	26.6	5.1	7.7#
68	24.1	4.4	6.6#

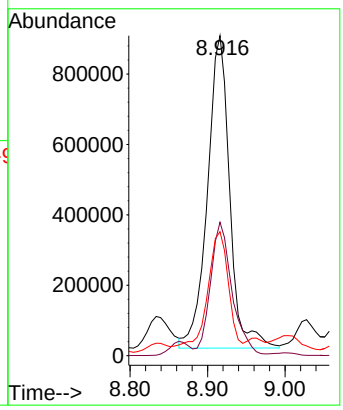




#23
Nitrobenzene-d5
Concen: 138.391 ng
RT: 8.916 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion: 82 Resp: 177174

Ion	Ratio	Lower	Upper
82	100		
128	41.7	35.7	53.5
54	38.7	35.4	53.2



Instrument :
BNA_M
ClientSampleId :
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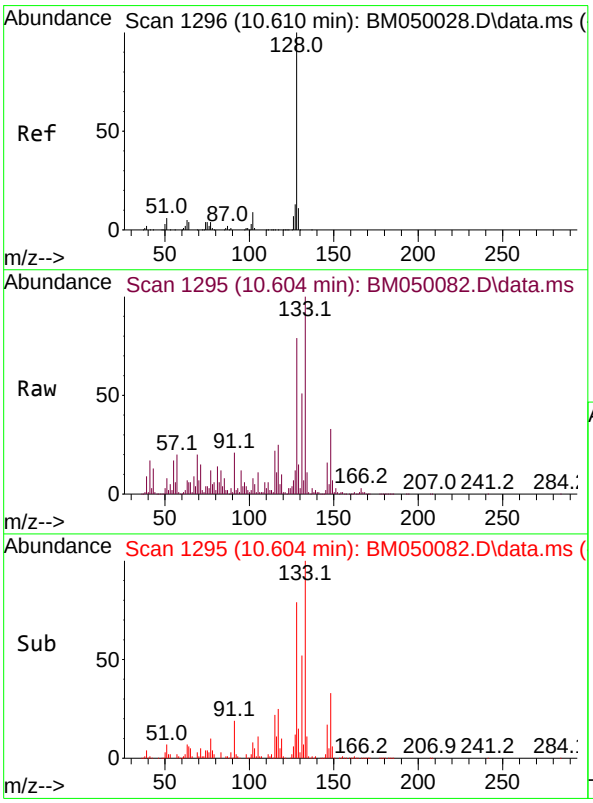
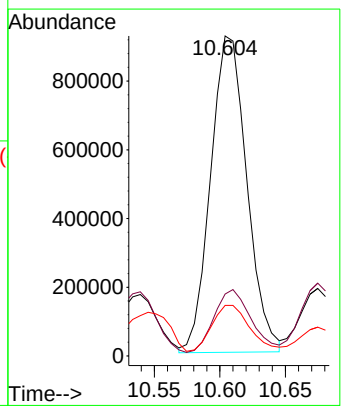
Supervised By :Jagrut Upadhyay 05/05/2025

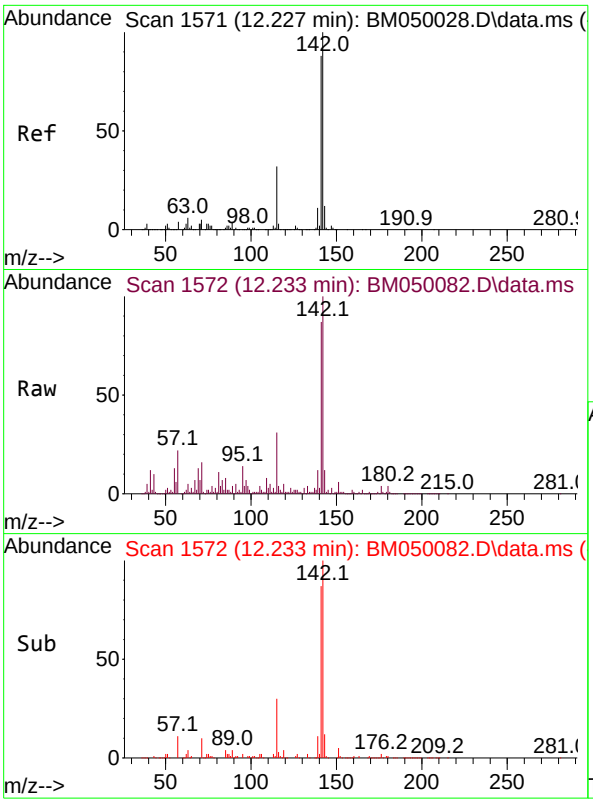


#31
Naphthalene
Concen: 55.403 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:128 Resp: 1770044

Ion	Ratio	Lower	Upper
128	100		
129	19.3	8.8	13.2#
127	15.8	10.4	15.6#

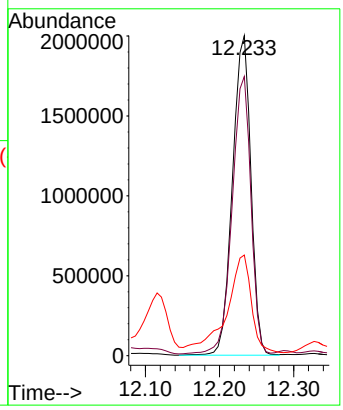




#37
2-Methylnaphthalene
Concen: 161.134 ng
RT: 12.233 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:142 Resp: 345143

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.4	105.6
115	31.4	25.4	38.2



Instrument :
BNA_M
ClientSampleId :
SS-8

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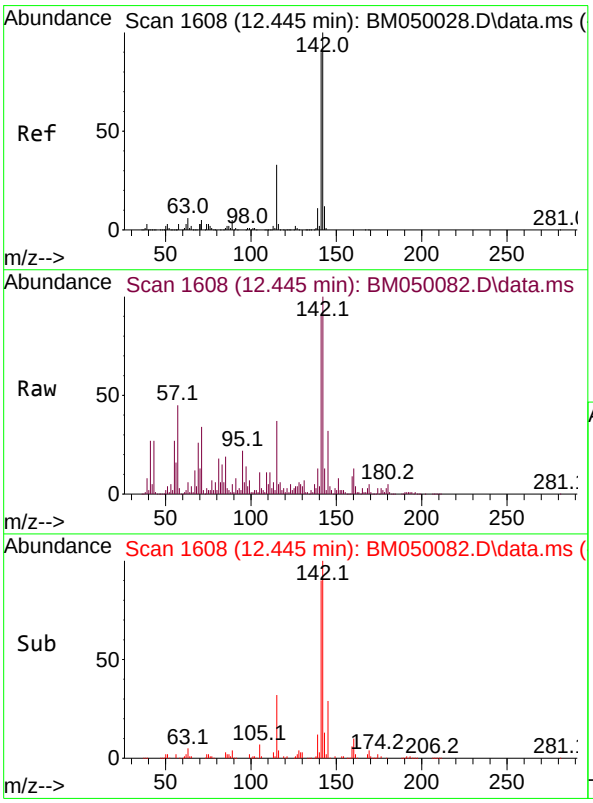
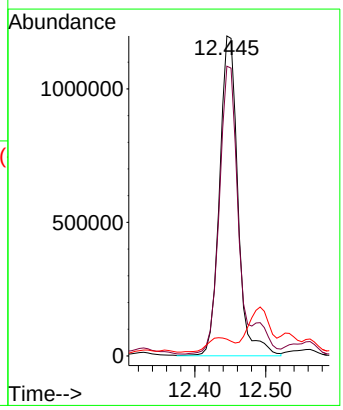
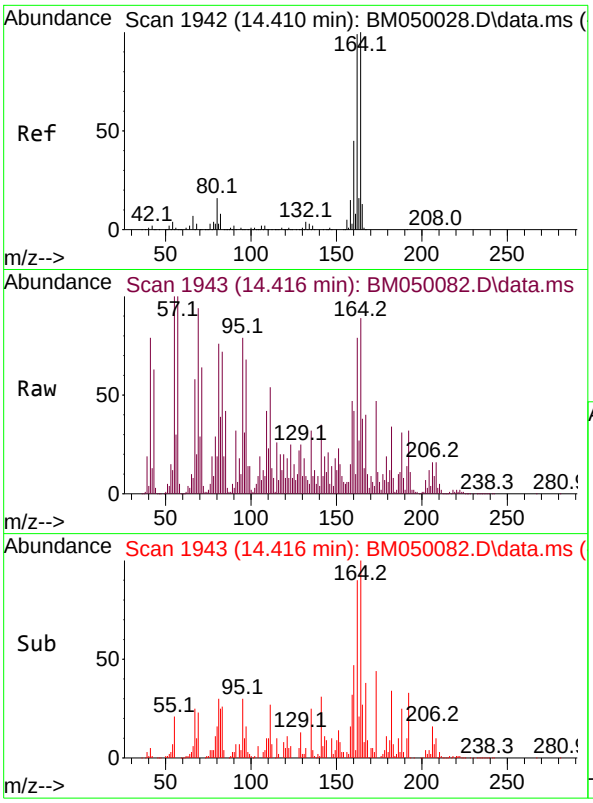


#38
1-Methylnaphthalene
Concen: 95.315 ng m
RT: 12.445 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:142 Resp: 2160593

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.1	108.1
116	5.3	2.7	4.1#

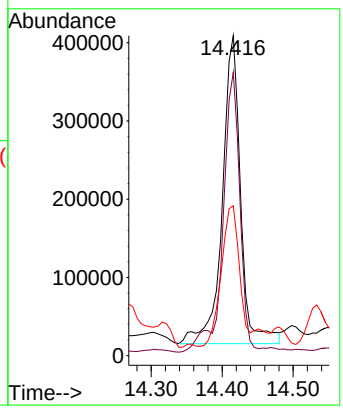




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:164 Resp: 70641

Ion	Ratio	Lower	Upper
164	100		
162	88.6	79.4	119.0
160	46.9	36.2	54.4



Instrument :
BNA_M
ClientSampleId :
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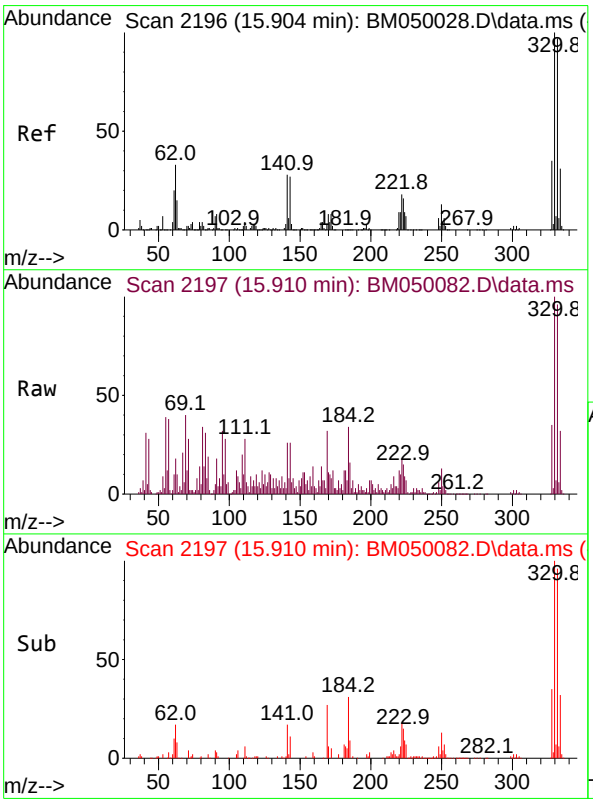
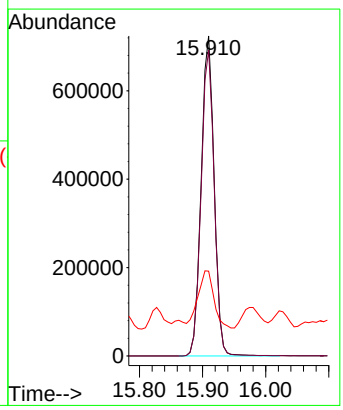
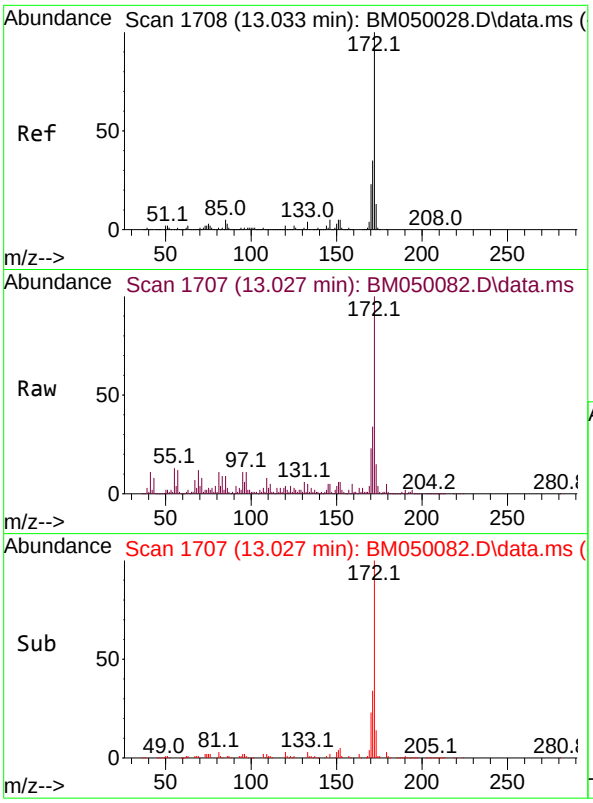


#42
2,4,6-Tribromophenol
Concen: 98.802 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:330 Resp: 1032011

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	21.9	22.5	33.7#

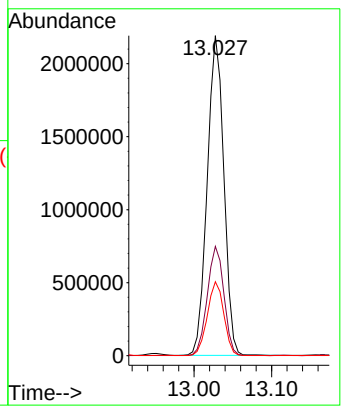




#45
2-Fluorobiphenyl
Concen: 54.636 ng
RT: 13.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:172 Resp: 326257

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.8	41.6
170	23.1	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
SS-8

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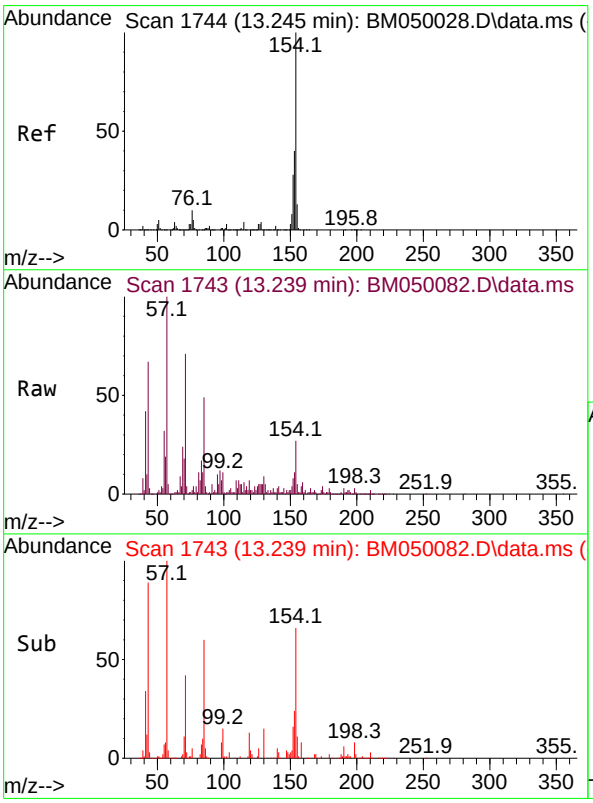
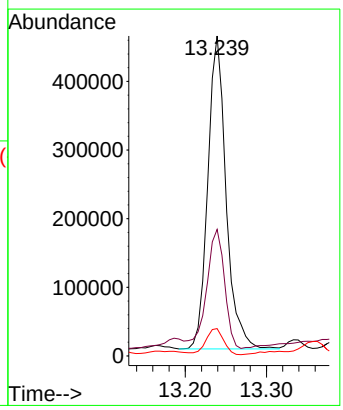
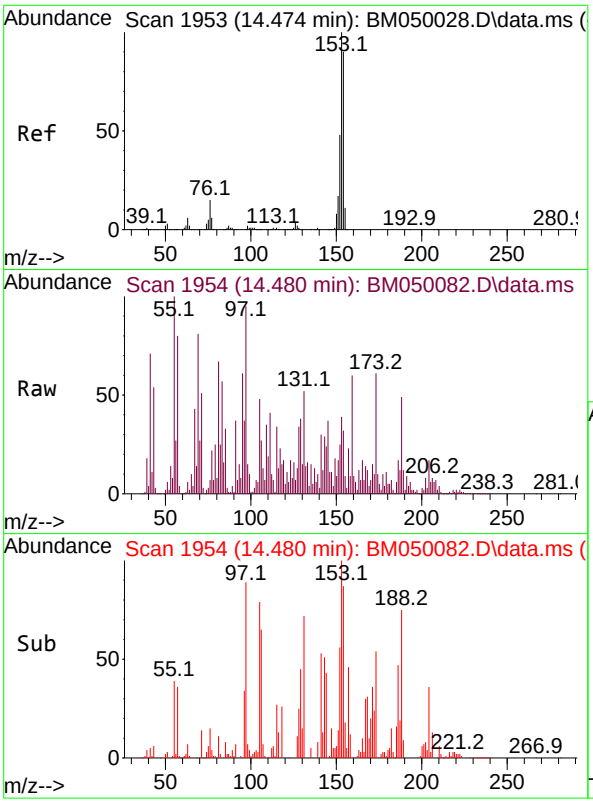


#46
1,1'-Biphenyl
Concen: 13.552 ng
RT: 13.239 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:154 Resp: 711656

Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.0	60.0
76	8.6	0.0	30.3

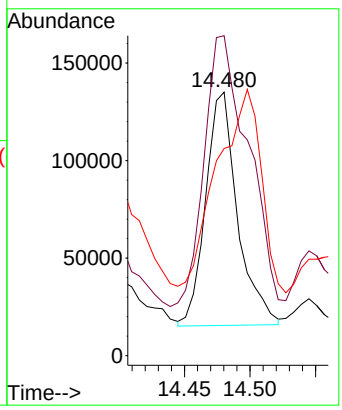




#52
Acenaphthene
Concen: 5.325 ng
RT: 14.480 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:154 Resp: 20209

Ion	Ratio	Lower	Upper
154	100		
153	121.4	89.0	133.4
152	78.6	43.0	64.6#



Instrument :
BNA_M
ClientSampleId :
SS-8

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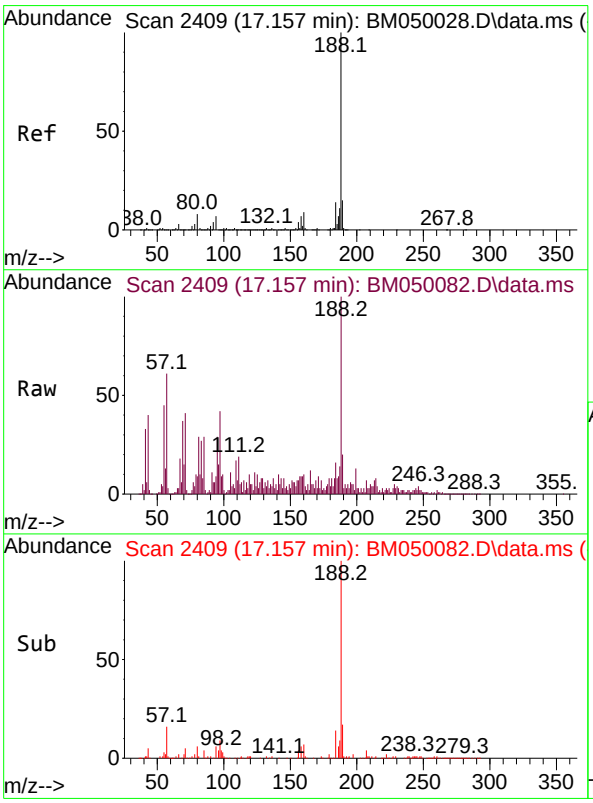
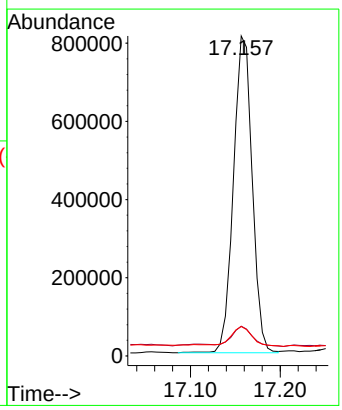
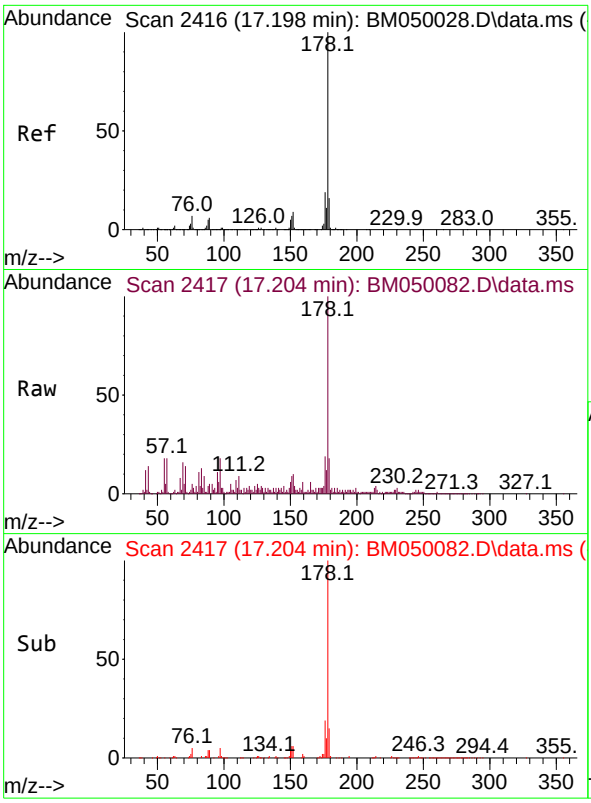


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:188 Resp: 1174129

Ion	Ratio	Lower	Upper
188	100		
94	9.3	5.7	8.5#
80	9.2	6.2	9.4

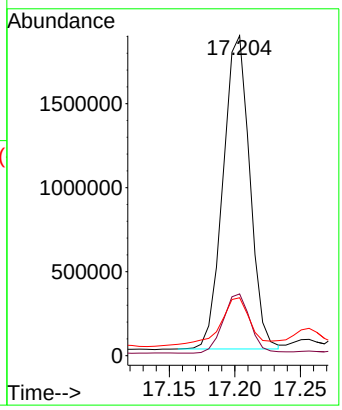




#71
Phenanthrene
Concen: 39.810 ng
RT: 17.204 min Scan# 24
Delta R.T. 0.006 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:178 Resp: 263631

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	18.1	12.4	18.6



Instrument :
BNA_M
ClientSampleId :
SS-8

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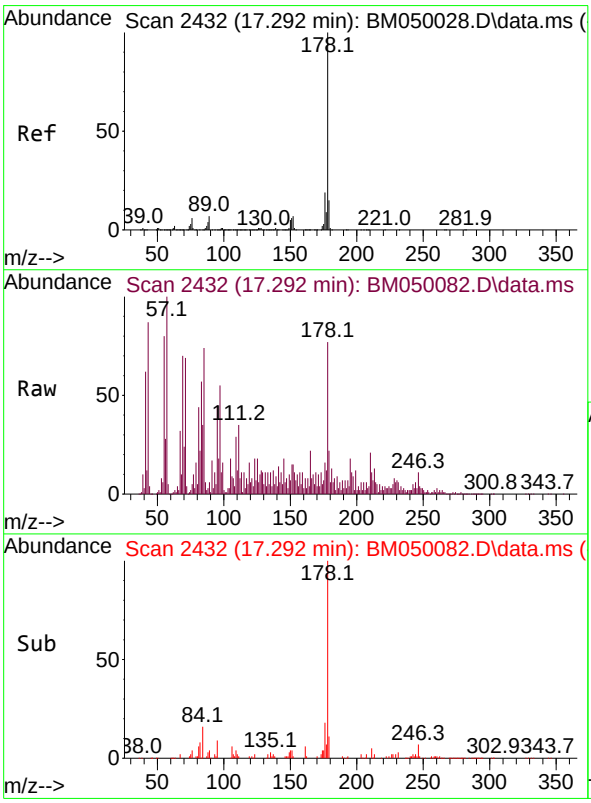
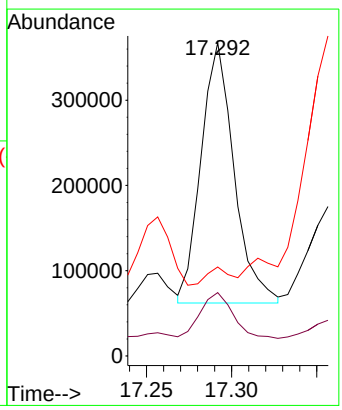
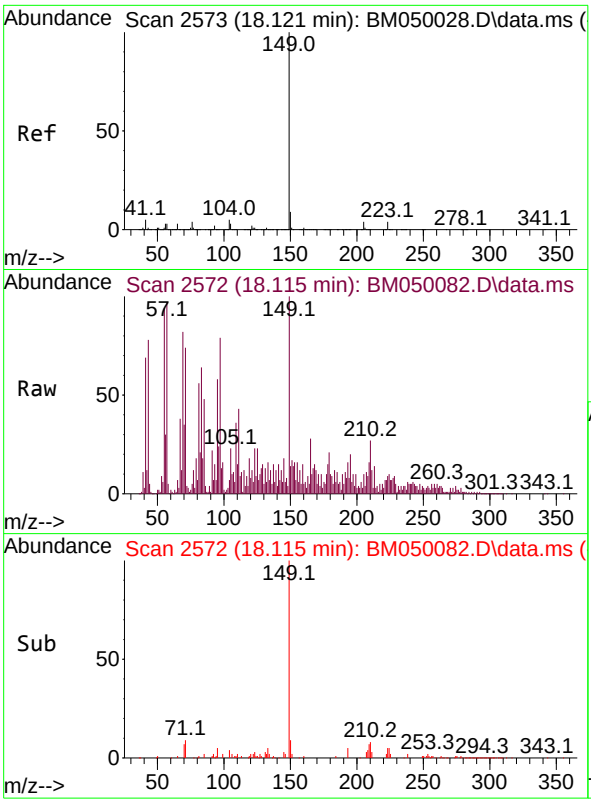


#72
Anthracene
Concen: 6.148 ng m
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:178 Resp: 411989

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.0	22.4
179	28.4	12.2	18.4#

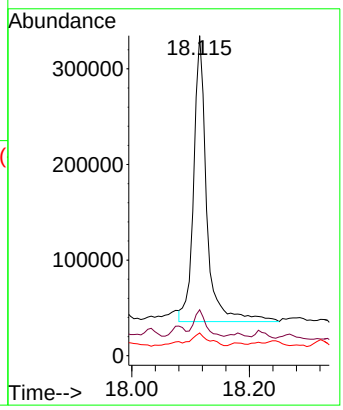




#74
Di-n-butylphthalate
Concen: 6.630 ng
RT: 18.115 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:149 Resp: 45912

Ion	Ratio	Lower	Upper
149	100		
150	14.4	7.3	10.9#
104	7.1	3.8	5.6#



Instrument :
BNA_M
ClientSampleId :
SS-8

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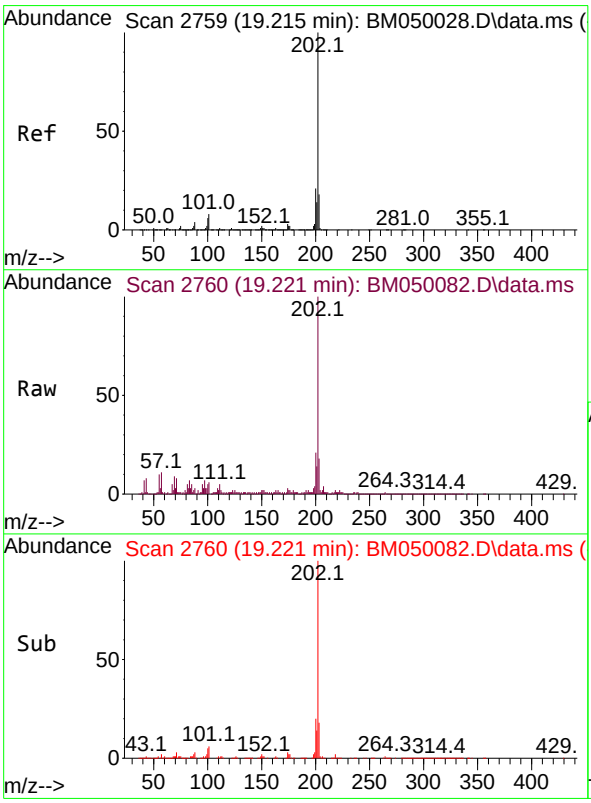
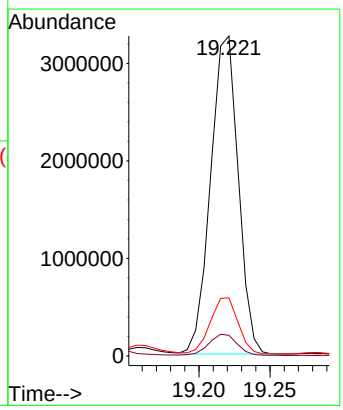
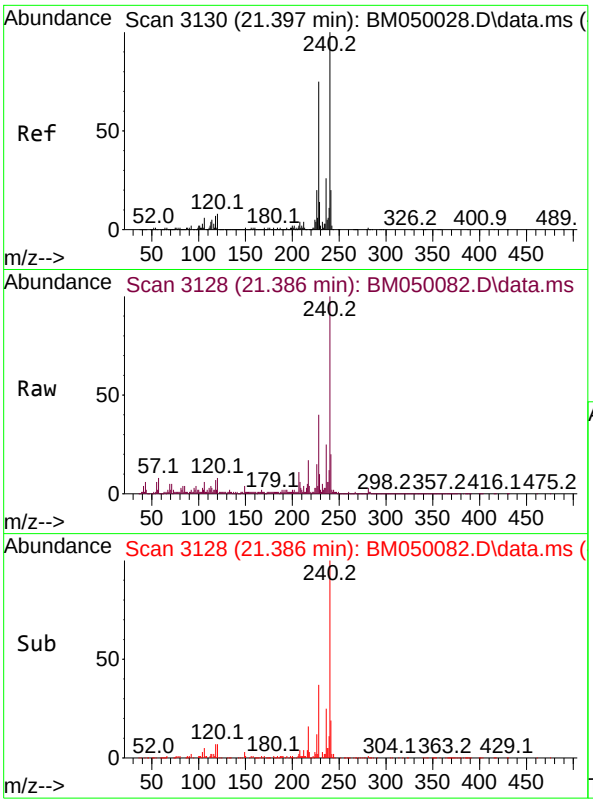


#75
Fluoranthene
Concen: 56.924 ng
RT: 19.221 min Scan# 2760
Delta R.T. 0.006 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:202 Resp: 4425756

Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	28.0
203	18.2	0.0	37.7

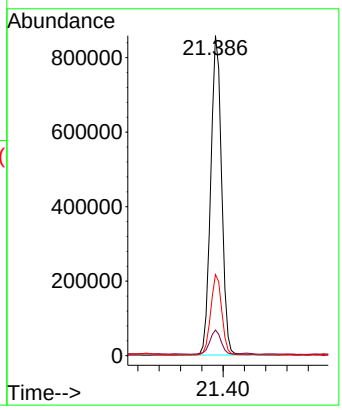




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3
Delta R.T. -0.011 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:240 Resp: 121852

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.5	9.7
236	25.4	20.9	31.3



Instrument :
BNA_M
ClientSampleId :
SS-8

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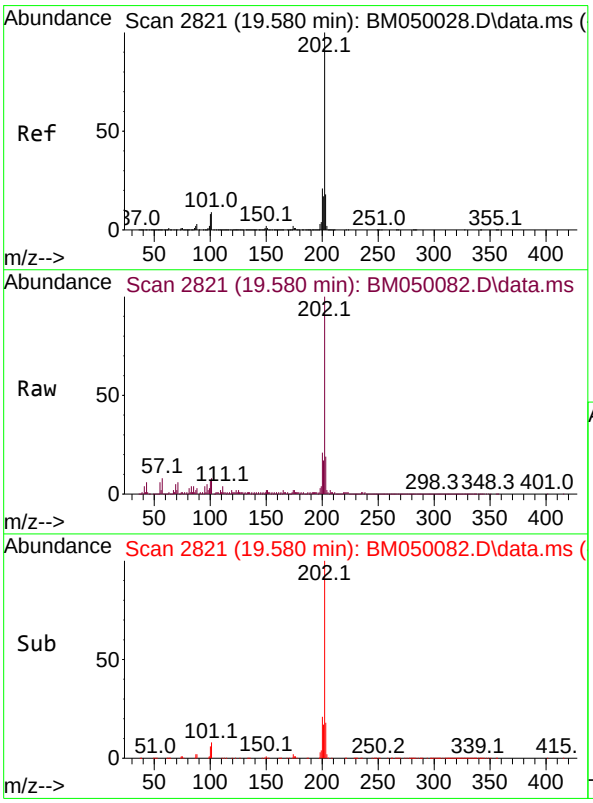
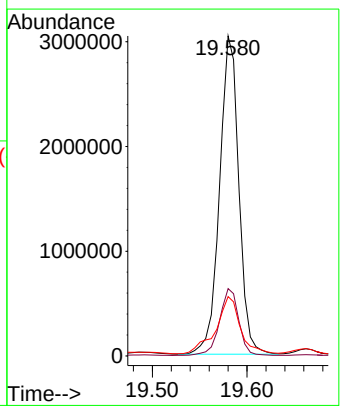
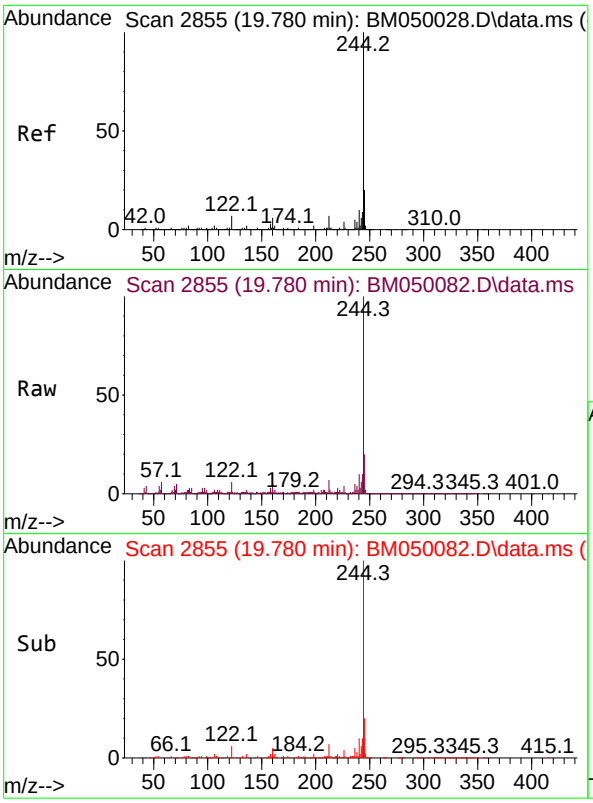


#78
Pyrene
Concen: 50.230 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:202 Resp: 4298119

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	18.6	14.1	21.1





#79
Terphenyl-d14
Concen: 55.463 ng
RT: 19.780 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:244 Resp: 456723

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	6.4	5.6	8.4

Instrument :
BNA_M
ClientSampleId :
SS-8

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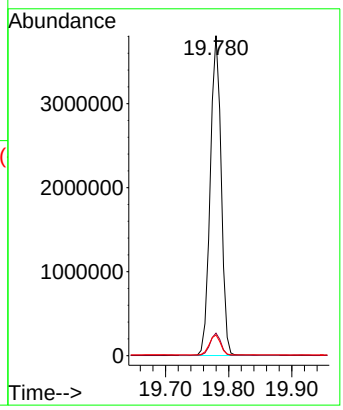
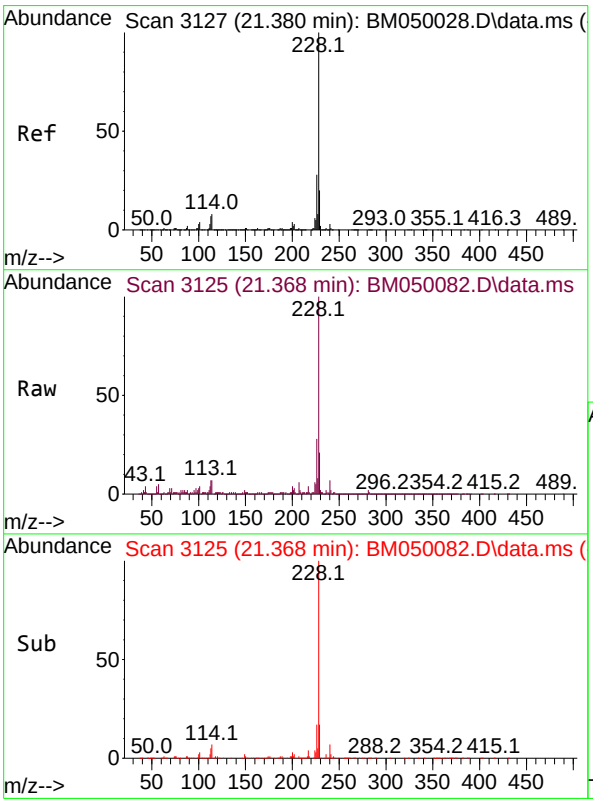
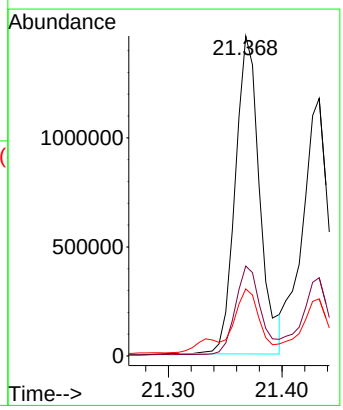


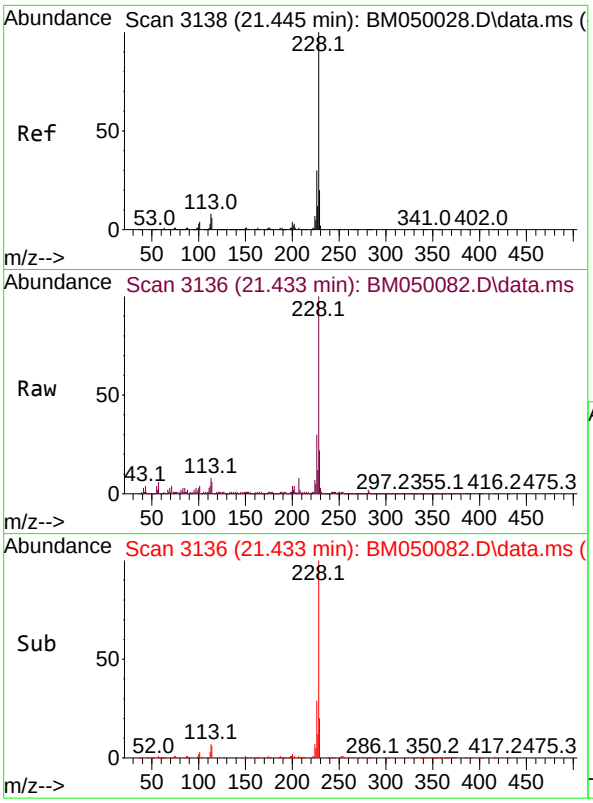


#81
Benzo(a)anthracene
Concen: 25.900 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:228 Resp: 2173300

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.1	33.1
229	21.0	15.7	23.5

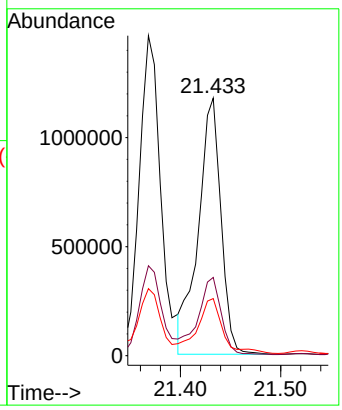




#83
Chrysene
Concen: 23.919 ng
RT: 21.433 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:228 Resp: 185759

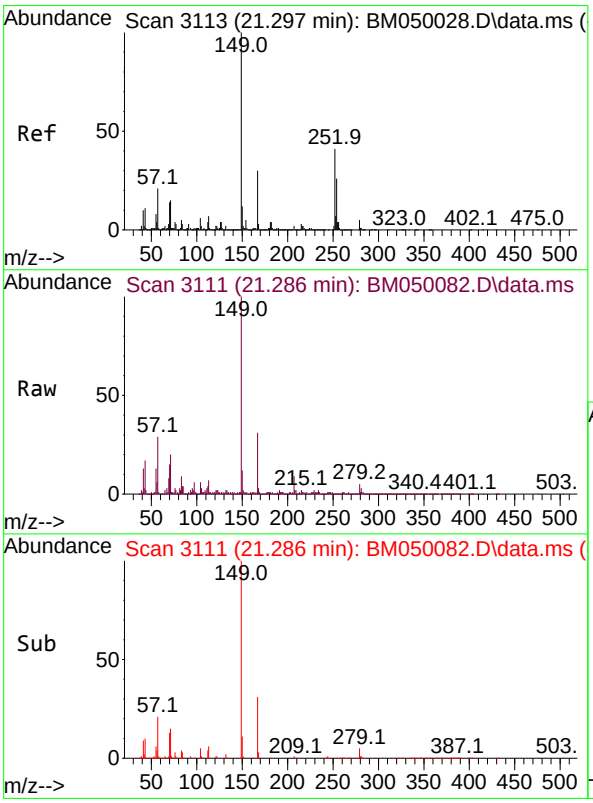
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	22.1	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
SS-8

Manual Integrations
APPROVED

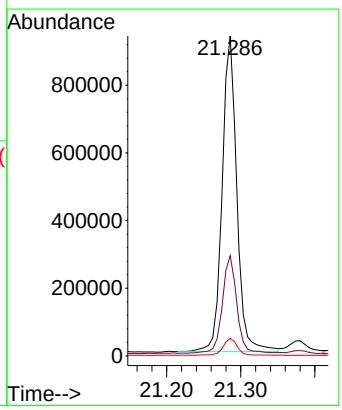
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

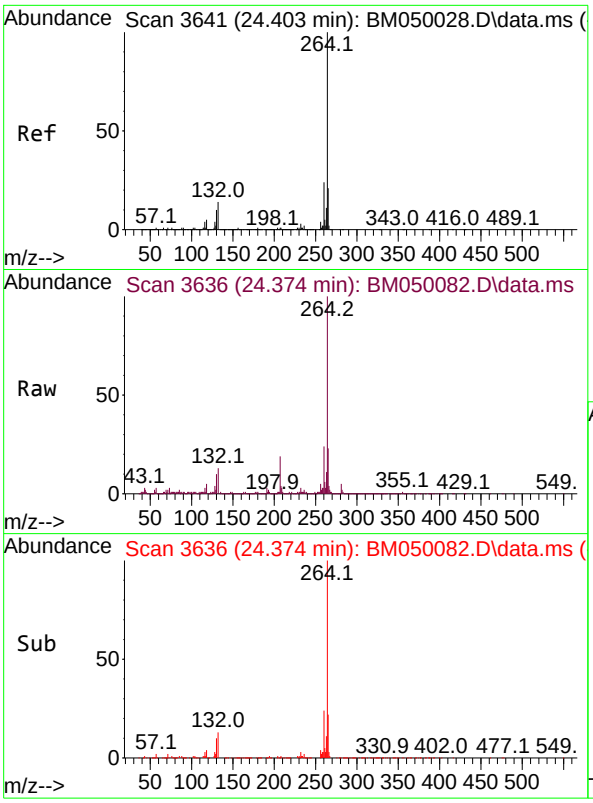


#84
Bis(2-ethylhexyl)phthalate
Concen: 26.813 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:149 Resp: 1283549

Ion	Ratio	Lower	Upper
149	100		
167	31.4	24.1	36.1
279	5.5	3.9	5.9

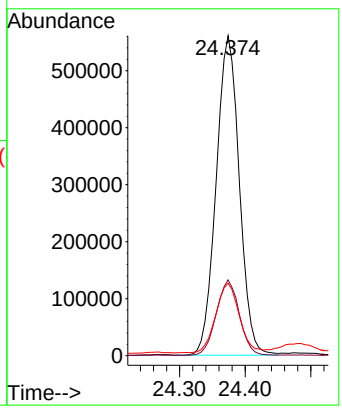




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3
Delta R.T. -0.029 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:264 Resp: 137531

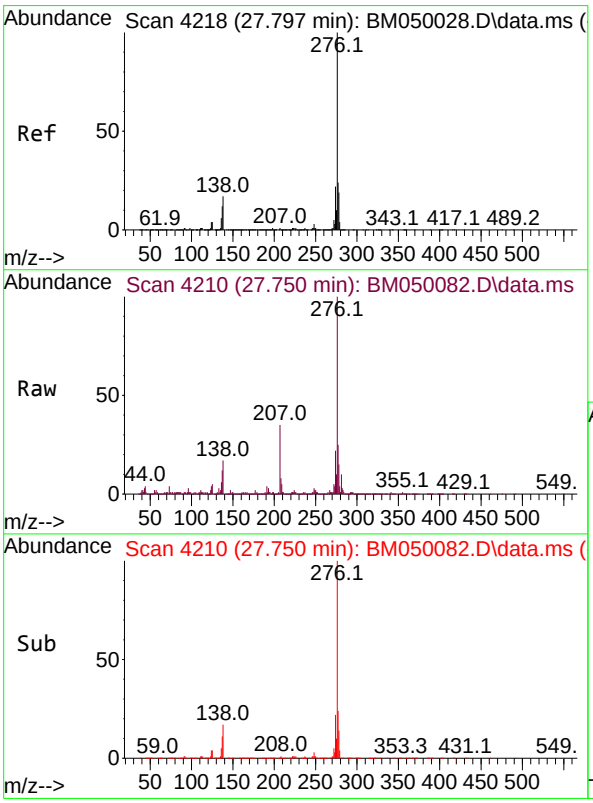
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	22.6	17.0	25.4



Instrument :
BNA_M
ClientSampleId :
SS-8

Manual Integrations
APPROVED

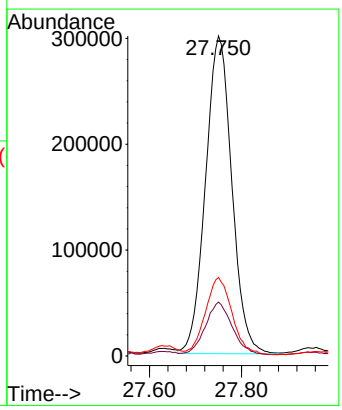
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

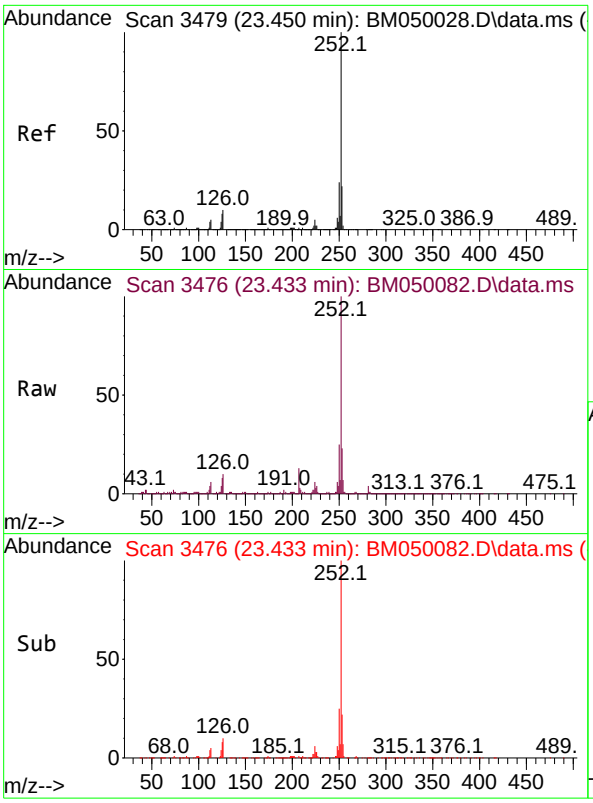


#87
Indeno(1,2,3-cd)pyrene
Concen: 11.611 ng
RT: 27.750 min Scan# 4210
Delta R.T. -0.047 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:276 Resp: 1189908

Ion	Ratio	Lower	Upper
276	100		
138	16.9	16.4	24.6
277	24.6	19.8	29.8

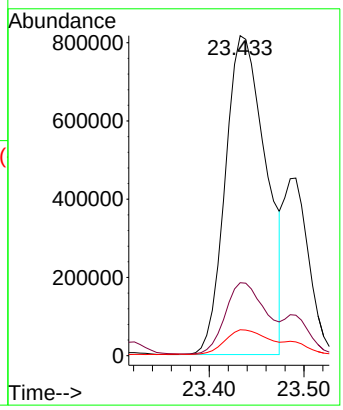




#88
Benzo(b)fluoranthene
Concen: 27.255 ng
RT: 23.433 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:252 Resp: 243774

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	8.1	6.1	9.1



Instrument :
BNA_M
ClientSampleId :
SS-8

Manual Integrations
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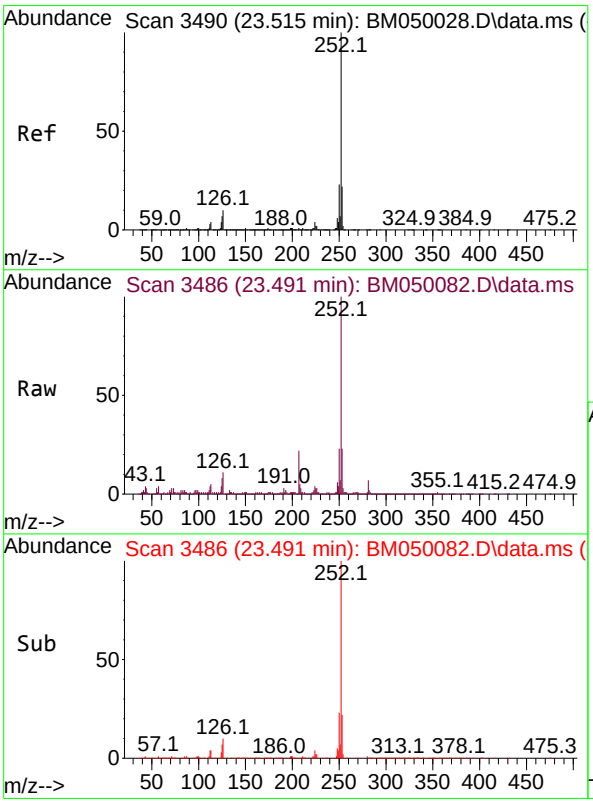
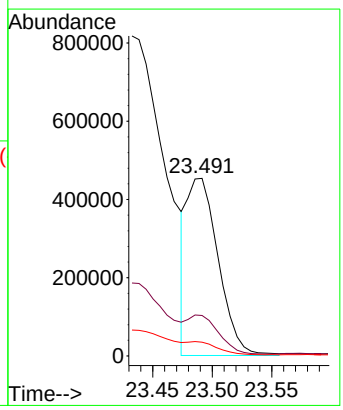
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

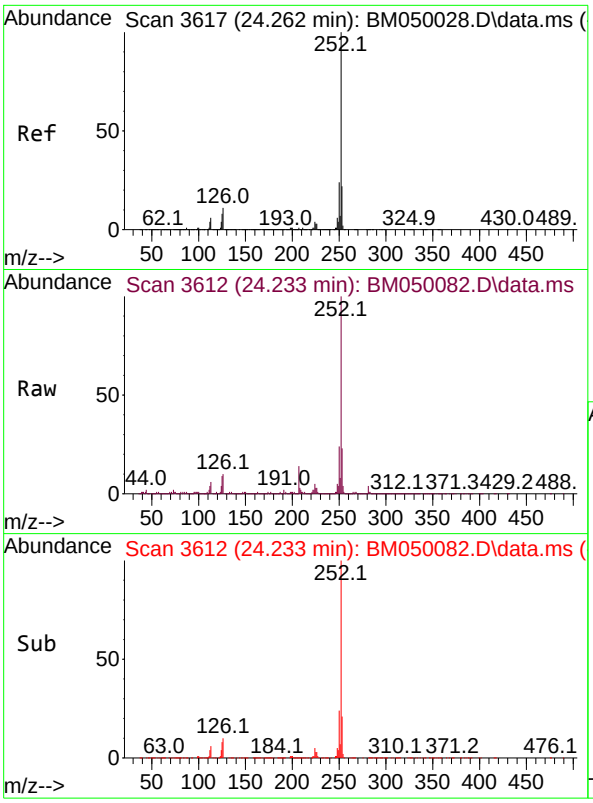


#89
Benzo(k)fluoranthene
Concen: 9.184 ng m
RT: 23.491 min Scan# 3486
Delta R.T. -0.024 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:252 Resp: 830931

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	7.8	5.8	8.8

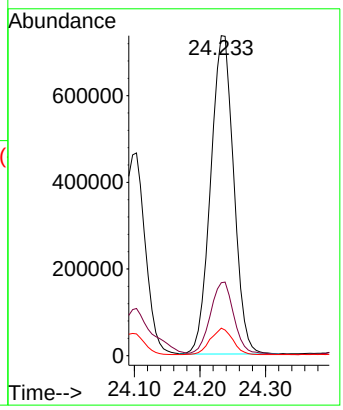




#90
Benzo(a)pyrene
Concen: 21.367 ng
RT: 24.233 min Scan# 3
Delta R.T. -0.029 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:252 Resp: 178991

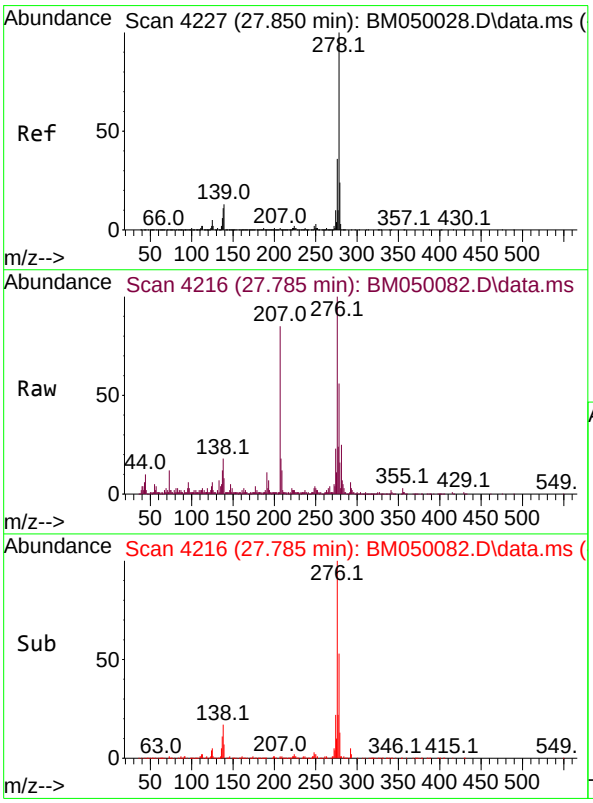
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	8.6	6.6	9.8



Instrument :
BNA_M
ClientSampleId :
SS-8

Manual Integrations
APPROVED

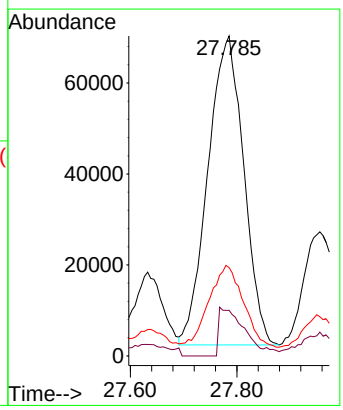
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

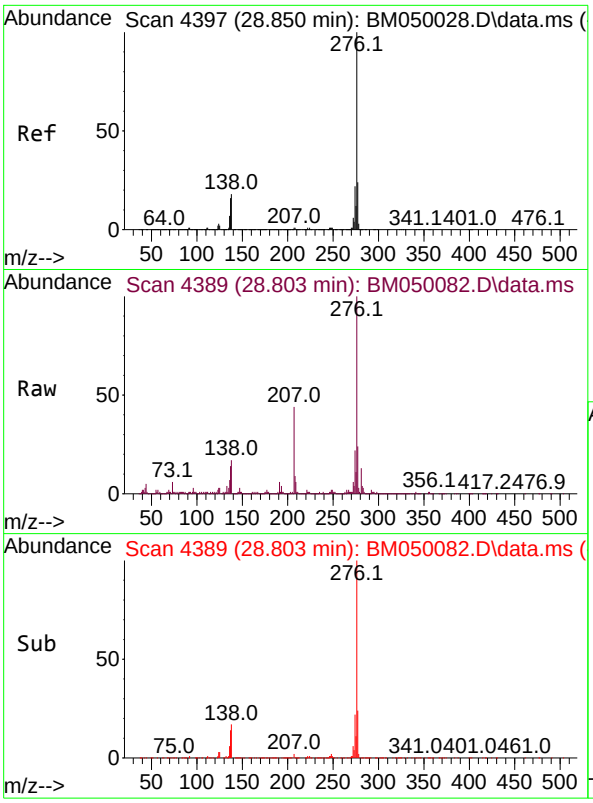


#91
Dibenzo(a,h)anthracene
Concen: 3.793 ng
RT: 27.785 min Scan# 4216
Delta R.T. -0.065 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:278 Resp: 316870

Ion	Ratio	Lower	Upper
278	100		
139	14.3	10.5	15.7
279	27.6	19.4	29.0

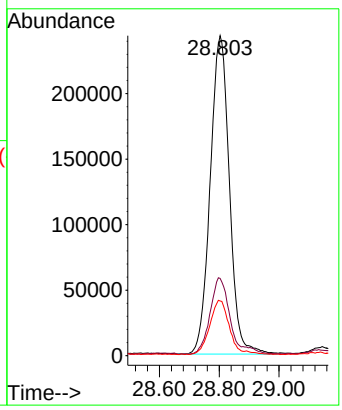




#92
Benzo(g,h,i)perylene
Concen: 13.535 ng
RT: 28.803 min Scan# 4
Delta R.T. -0.047 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:276 Resp: 108244

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.1	28.7
138	17.1	14.3	21.5



Instrument :
BNA_M
ClientSampleId :
SS-8

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-9	SDG No.:	Q1914
Lab Sample ID:	Q1914-12	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.1
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050099.D	1	04/30/25 11:00	05/05/25 15:03	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	190	U	26.0	190	ug/Kg
208-96-8	Acenaphthylene	190	U	33.1	190	ug/Kg
83-32-9	Acenaphthene	190	U	24.4	190	ug/Kg
86-73-7	Fluorene	190	U	29.0	190	ug/Kg
85-01-8	Phenanthrene	190	U	23.9	190	ug/Kg
120-12-7	Anthracene	190	U	38.1	190	ug/Kg
206-44-0	Fluoranthene	160	J	34.4	190	ug/Kg
129-00-0	Pyrene	150	J	41.2	190	ug/Kg
56-55-3	Benzo(a)anthracene	83.6	J	26.3	190	ug/Kg
218-01-9	Chrysene	78.4	J	22.8	190	ug/Kg
205-99-2	Benzo(b)fluoranthene	99.3	J	21.8	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	U	25.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	79.1	J	33.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	U	33.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	U	31.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	U	29.4	190	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	37.5		18 - 107	37%	SPK: 100
321-60-8	2-Fluorobiphenyl	35.9		20 - 109	36%	SPK: 100
1718-51-0	Terphenyl-d14	35.9		10 - 105	36%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	354000	7.745			
1146-65-2	Naphthalene-d8	1250000	10.539			
15067-26-2	Acenaphthene-d10	827000	14.392			
1517-22-2	Phenanthrene-d10	1610000	17.139			
1719-03-5	Chrysene-d12	1460000	21.386			
1520-96-3	Perylene-d12	1490000	24.374			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-9	SDG No.:	Q1914
Lab Sample ID:	Q1914-12	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.1
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050099.D	1	04/30/25 11:00	05/05/25 15:03	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050099.D
Acq On : 05 May 2025 15:03
Operator : RC/JU
Sample : Q1914-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-9

Quant Time: May 05 15:41:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

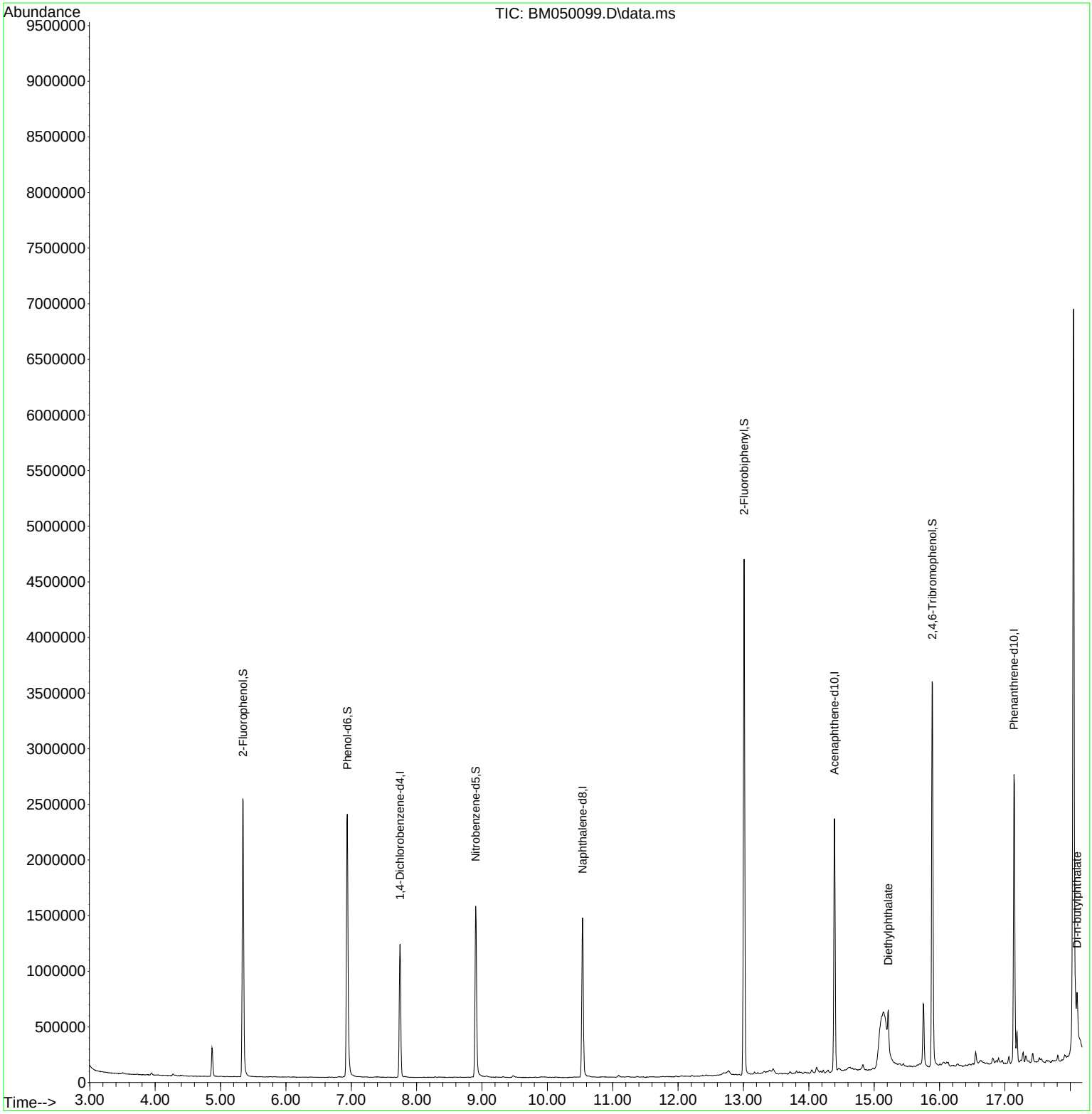
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.745	152	354451	20.000	ng		-0.02
21) Naphthalene-d8	10.539	136	1254837	20.000	ng		-0.02
39) Acenaphthene-d10	14.392	164	826535	20.000	ng		-0.02
64) Phenanthrene-d10	17.139	188	1612546	20.000	ng		-0.02
76) Chrysene-d12	21.386	240	1455814	20.000	ng		-0.01
86) Perylene-d12	24.374	264	1490527	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	1244240	61.468	ng		-0.01
7) Phenol-d6	6.939	99	1598190	62.818	ng		-0.01
23) Nitrobenzene-d5	8.904	82	954221	37.471	ng		-0.02
42) 2,4,6-Tribromophenol	15.892	330	782010	63.987	ng		-0.01
45) 2-Fluorobiphenyl	13.010	172	2510748	35.935	ng		-0.02
79) Terphenyl-d14	19.768	244	3531565	35.896	ng		-0.01
Target Compounds							Qvalue
60) Diethylphthalate	15.215	149	286053	5.026	ng		98
74) Di-n-butylphthalate	18.103	149	277648	2.919	ng		99
75) Fluoranthene	19.203	202	437686	4.099	ng		99
78) Pyrene	19.568	202	409984	4.010	ng		99
81) Benzo(a)anthracene	21.368	228	219552	2.190	ng		97
83) Chrysene	21.427	228	190520	2.053	ng		97
84) Bis(2-ethylhexyl)phtha...	21.280	149	119176	2.084	ng		99
88) Benzo(b)fluoranthene	23.433	252	252177	2.602	ng	#	95
90) Benzo(a)pyrene	24.232	252	188080	2.072	ng	#	95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050099.D
Acq On : 05 May 2025 15:03
Operator : RC/JU
Sample : Q1914-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-9

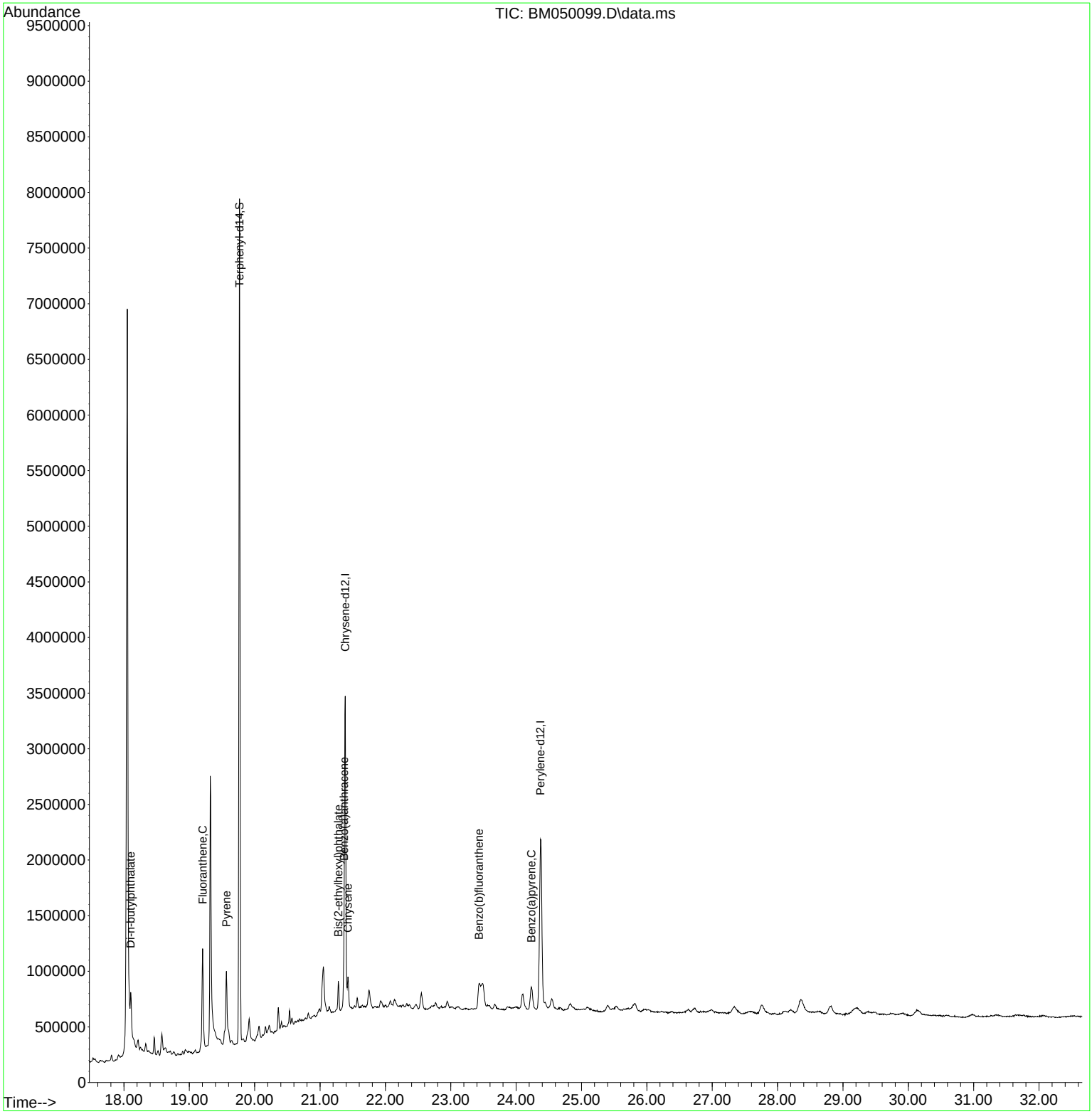
Quant Time: May 05 15:41:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

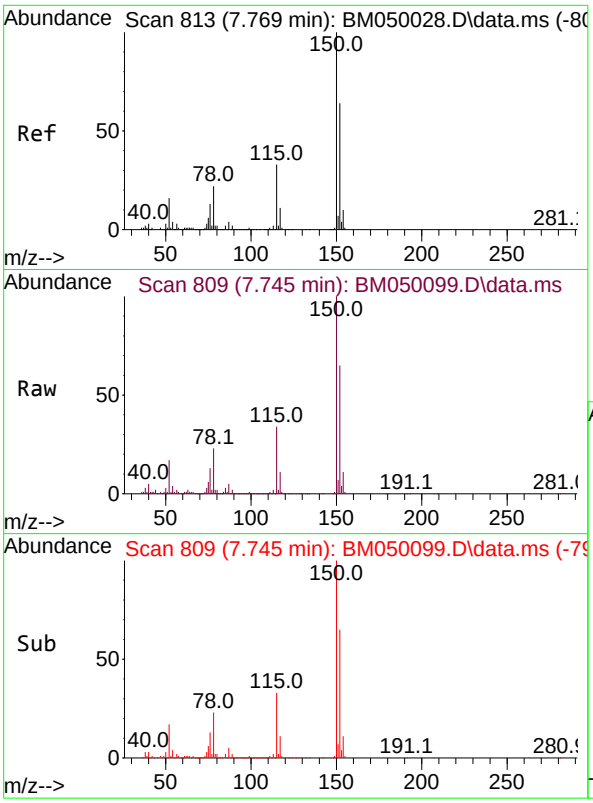


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050099.D
Acq On : 05 May 2025 15:03
Operator : RC/JU
Sample : Q1914-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-9

Quant Time: May 05 15:41:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



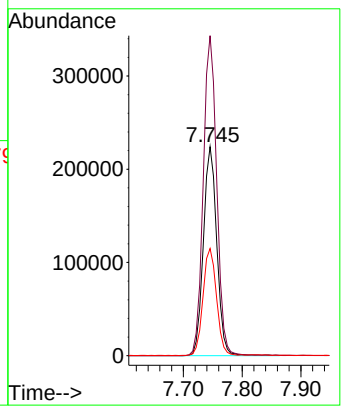


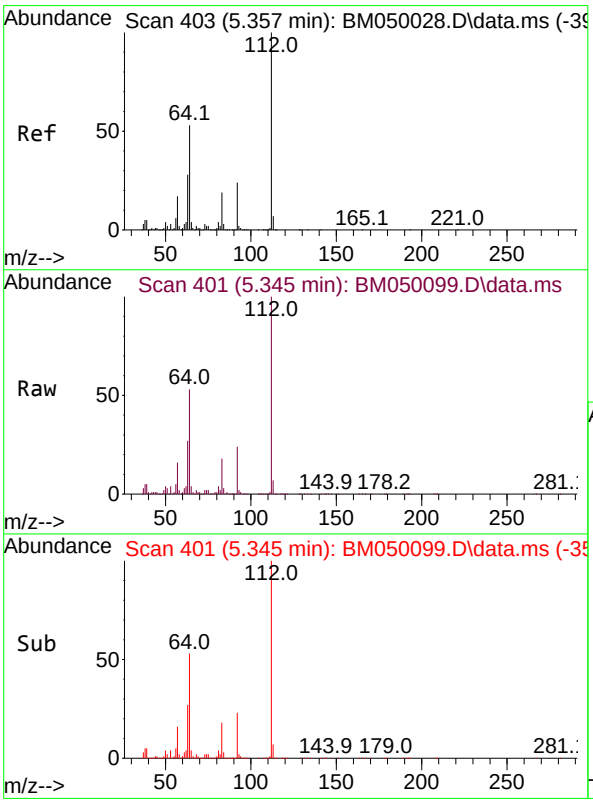
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Instrument :
BNA_M
ClientSampleId :
SS-9

Tgt Ion:152 Resp: 354451

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.1	186.1
115	51.3	41.2	61.8

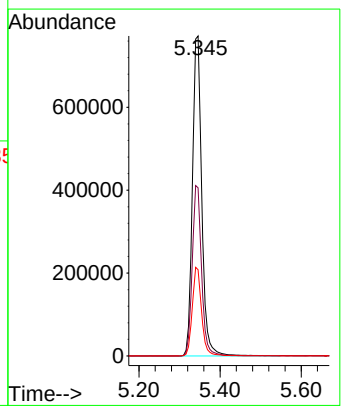


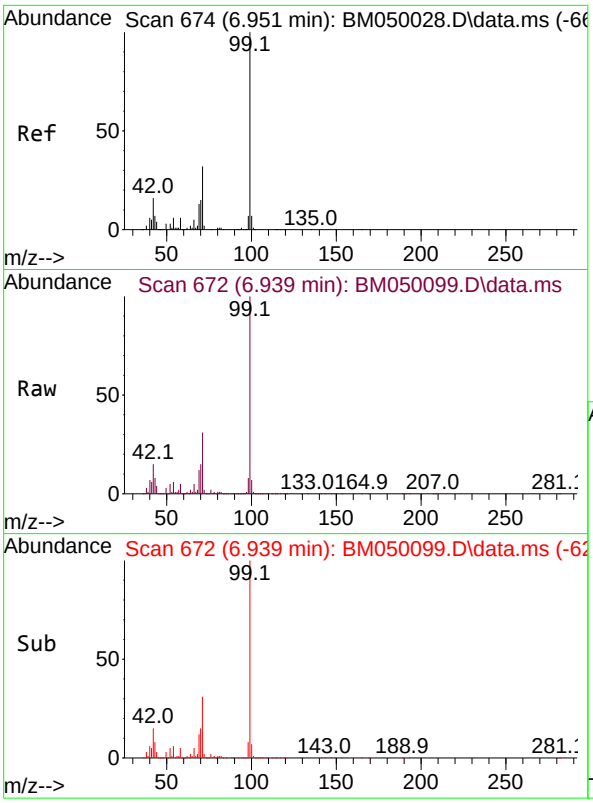


#5
2-Fluorophenol
Concen: 61.468 ng
RT: 5.345 min Scan# 401
Delta R.T. -0.012 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Tgt Ion:112 Resp: 1244240

Ion	Ratio	Lower	Upper
112	100		
64	52.6	42.6	64.0
63	26.9	22.2	33.4



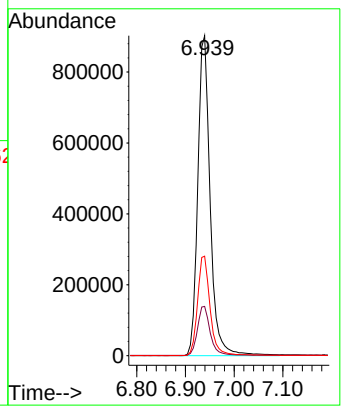


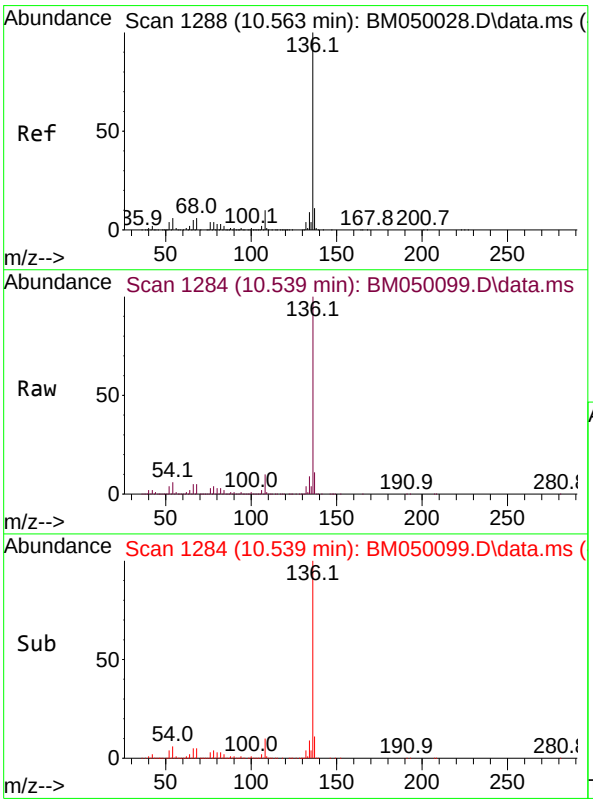
#7
Phenol-d6
Concen: 62.818 ng
RT: 6.939 min Scan# 6
Delta R.T. -0.012 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Instrument :
BNA_M
ClientSampleId :
SS-9

Tgt Ion: 99 Resp: 1598190

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.0	19.4
71	31.1	25.6	38.4

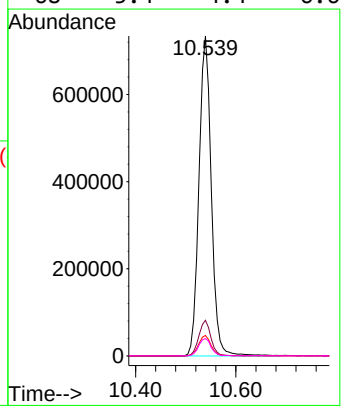


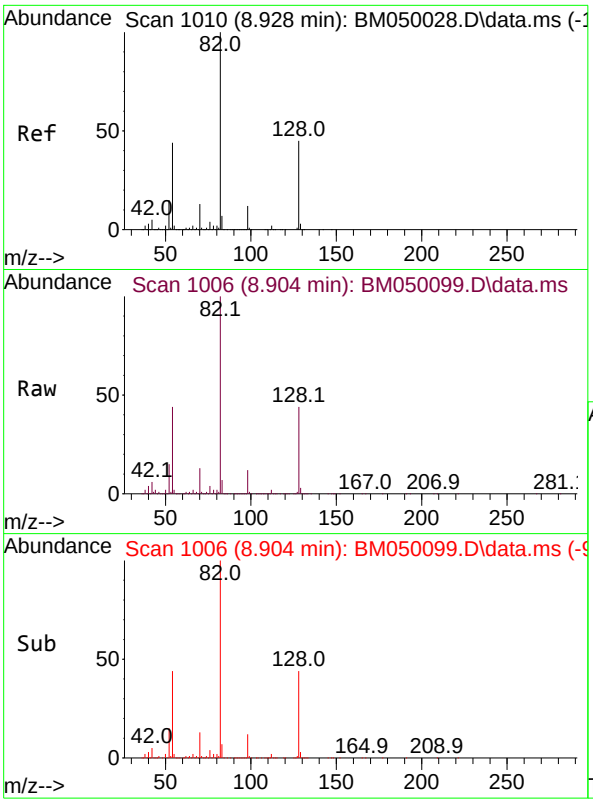


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Tgt Ion:136 Resp: 1254837

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.4	5.1	7.7
68	5.4	4.4	6.6



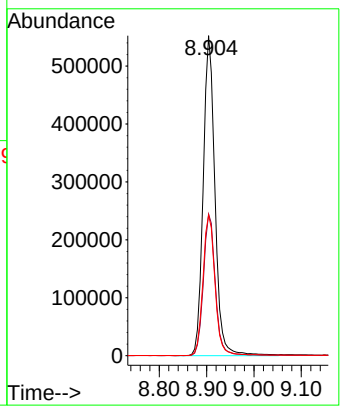


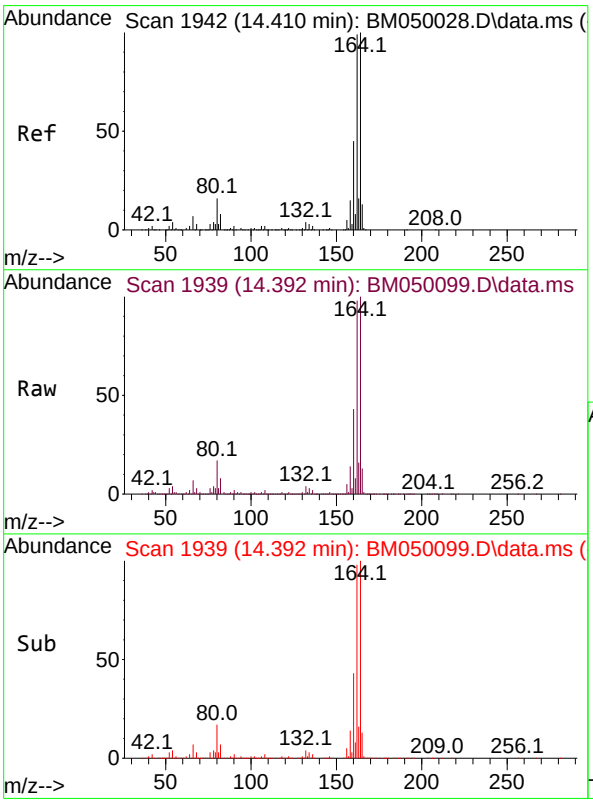
#23
Nitrobenzene-d5
Concen: 37.471 ng
RT: 8.904 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Instrument :
BNA_M
ClientSampleId :
SS-9

Tgt Ion: 82 Resp: 954221

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.7	53.5
54	43.9	35.4	53.2

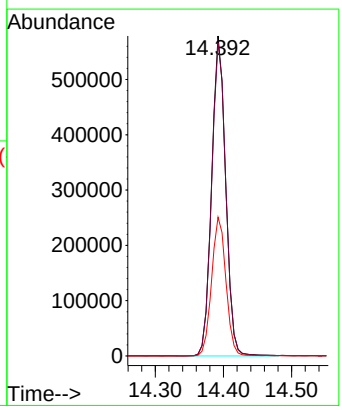


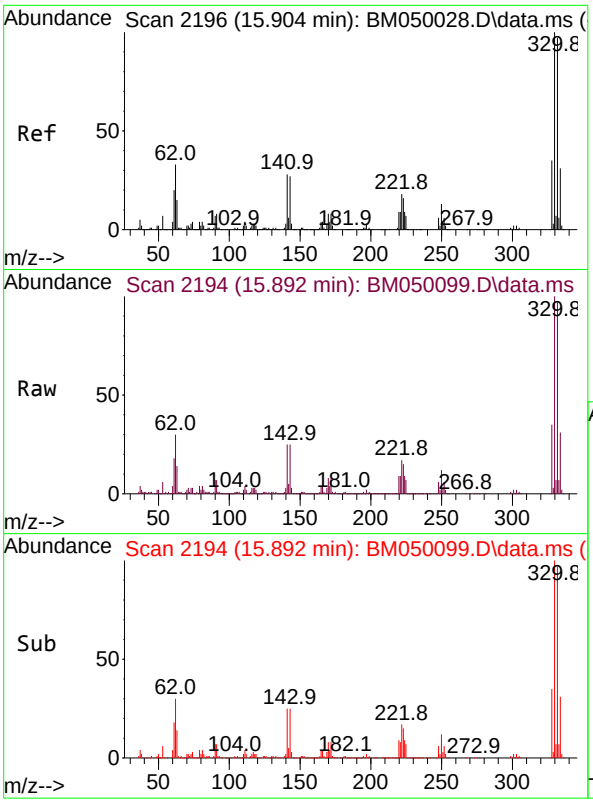


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Tgt Ion:164 Resp: 826535

Ion	Ratio	Lower	Upper
164	100		
162	97.9	79.4	119.0
160	43.4	36.2	54.4



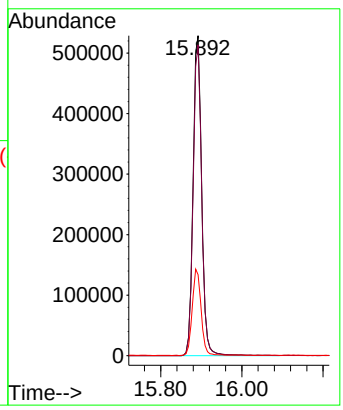


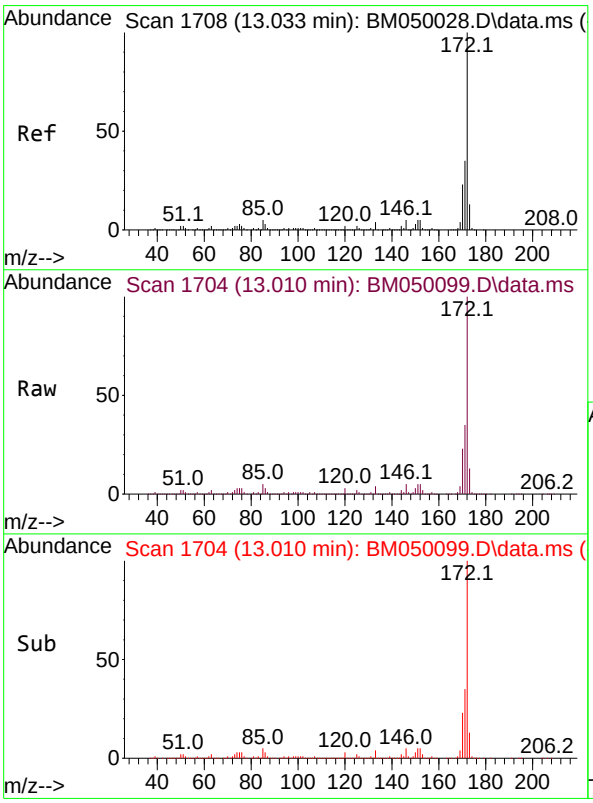
#42
2,4,6-Tribromophenol
Concen: 63.987 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Instrument :
BNA_M
ClientSampleId :
SS-9

Tgt Ion:330 Resp: 782010

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	27.7	22.5	33.7

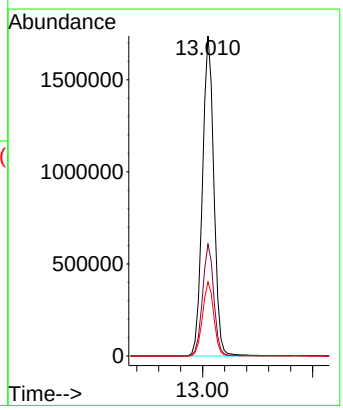


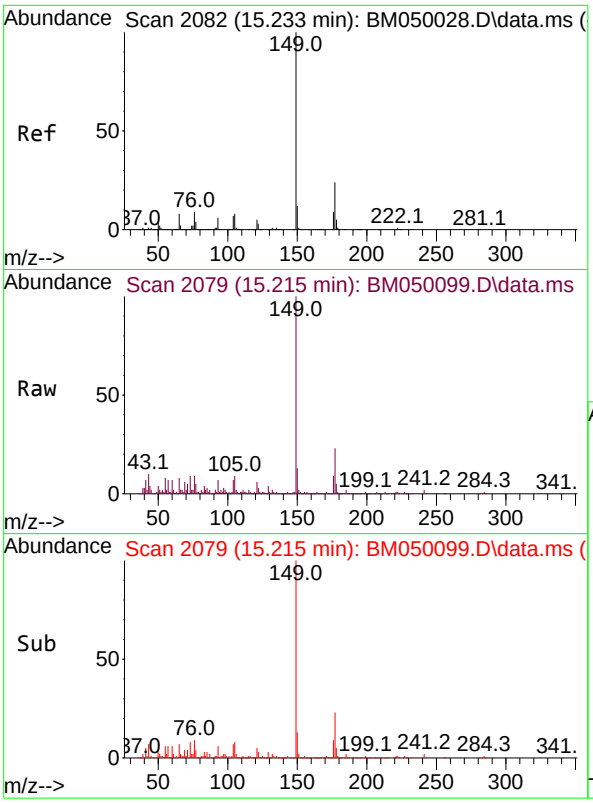


#45
2-Fluorobiphenyl
Concen: 35.935 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Tgt Ion:172 Resp: 2510748

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.2	18.6	28.0



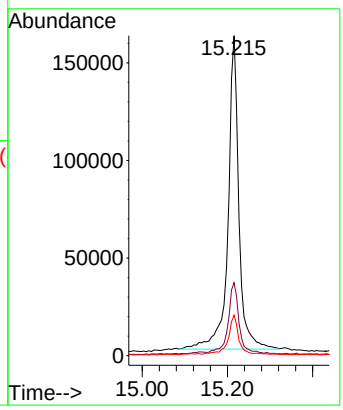


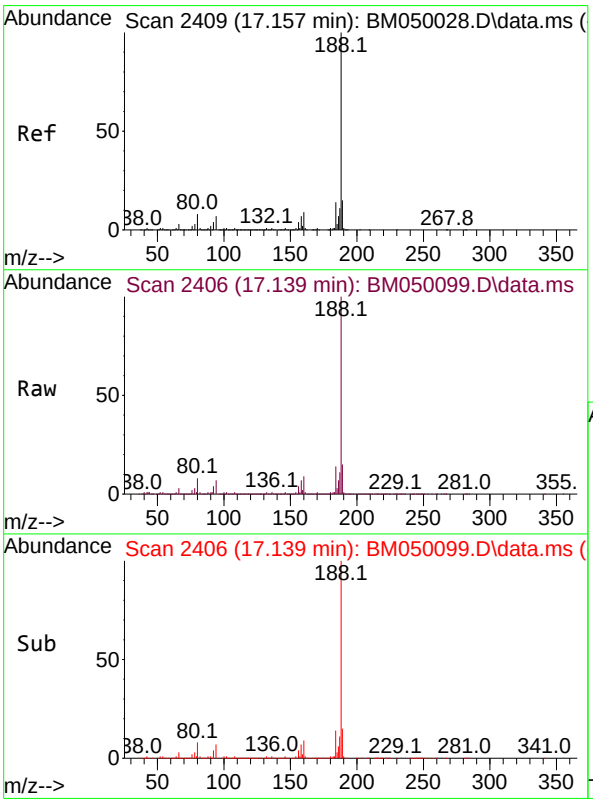
#60
Diethylphthalate
Concen: 5.026 ng
RT: 15.215 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Instrument :
BNA_M
ClientSampleId :
SS-9

Tgt Ion:149 Resp: 286053

Ion	Ratio	Lower	Upper
149	100		
177	22.8	19.1	28.7
150	12.7	9.6	14.4

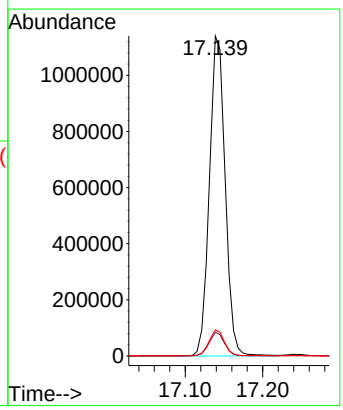


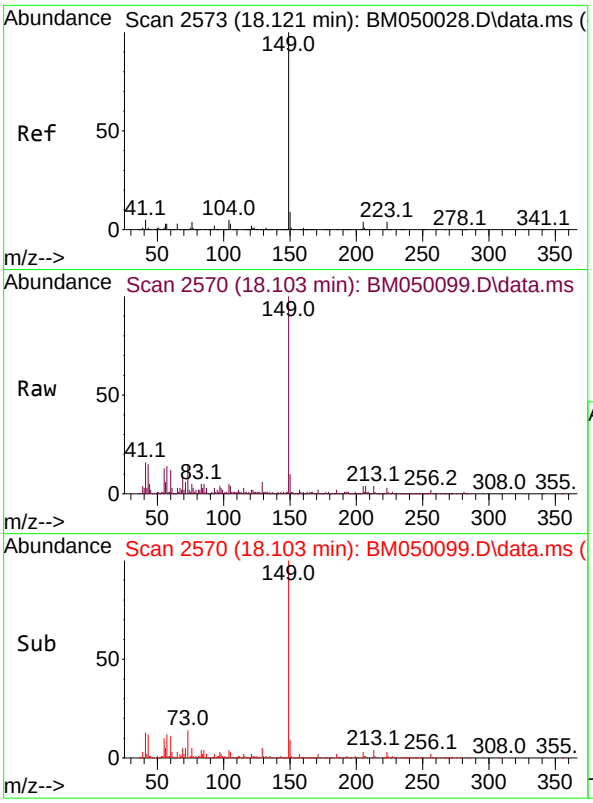


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.018 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Tgt Ion:188 Resp: 1612546

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.7	8.5
80	8.2	6.2	9.4



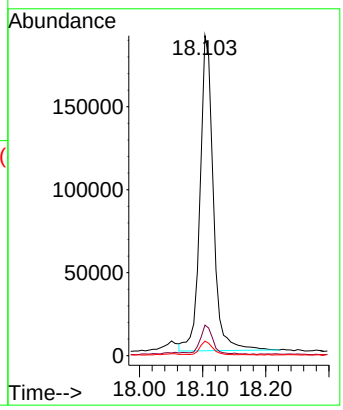


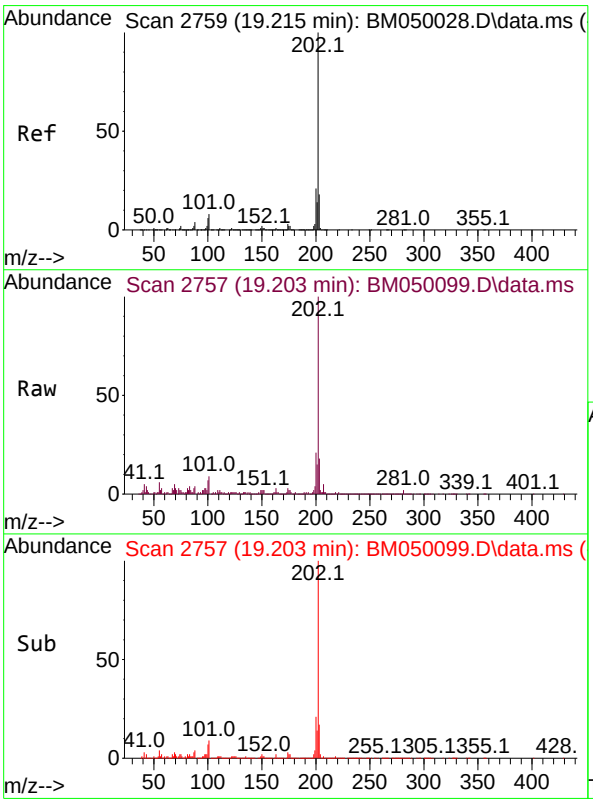
#74
Di-n-butylphthalate
Concen: 2.919 ng
RT: 18.103 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Instrument :
BNA_M
ClientSampleId :
SS-9

Tgt Ion:149 Resp: 277648

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.3	10.9
104	4.6	3.8	5.6

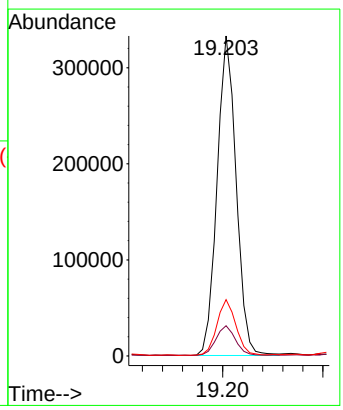


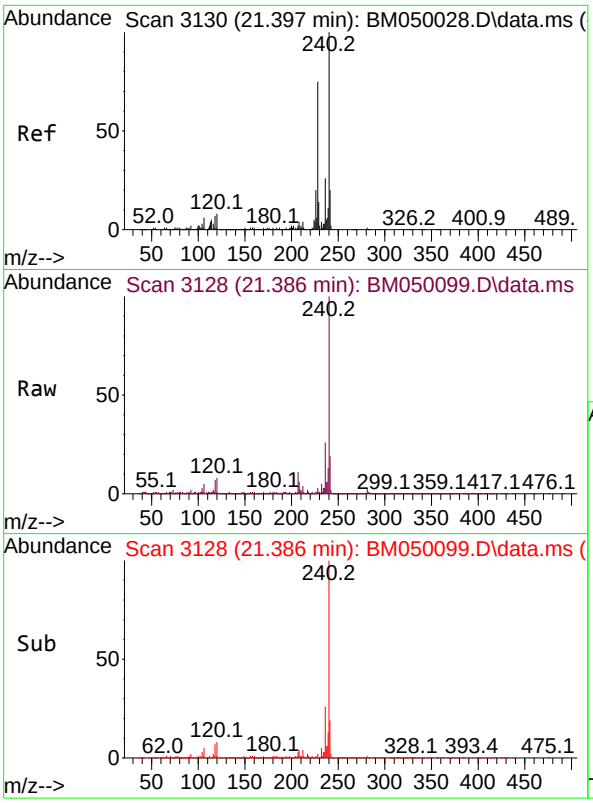


#75
Fluoranthene
Concen: 4.099 ng
RT: 19.203 min Scan# 2757
Delta R.T. -0.012 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Tgt Ion:202 Resp: 437686

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	28.0
203	17.6	0.0	37.7



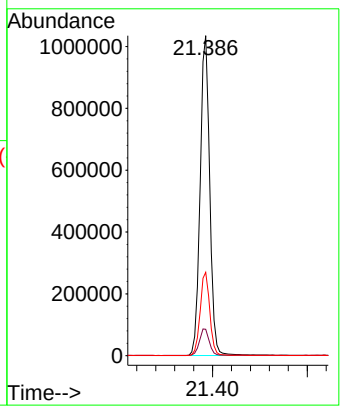


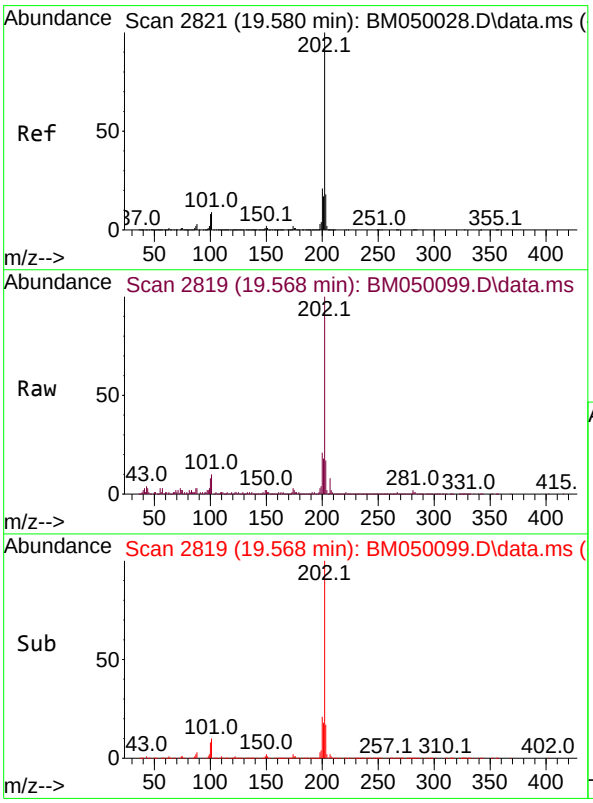
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3
Delta R.T. -0.011 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Instrument :
BNA_M
ClientSampleId :
SS-9

Tgt Ion:240 Resp: 1455814

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.5	9.7
236	26.0	20.9	31.3

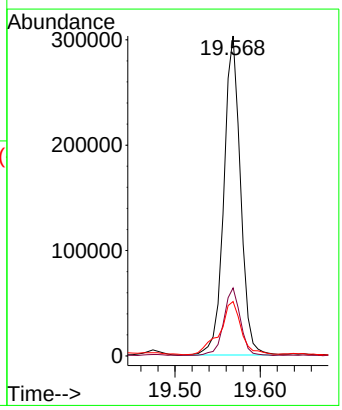


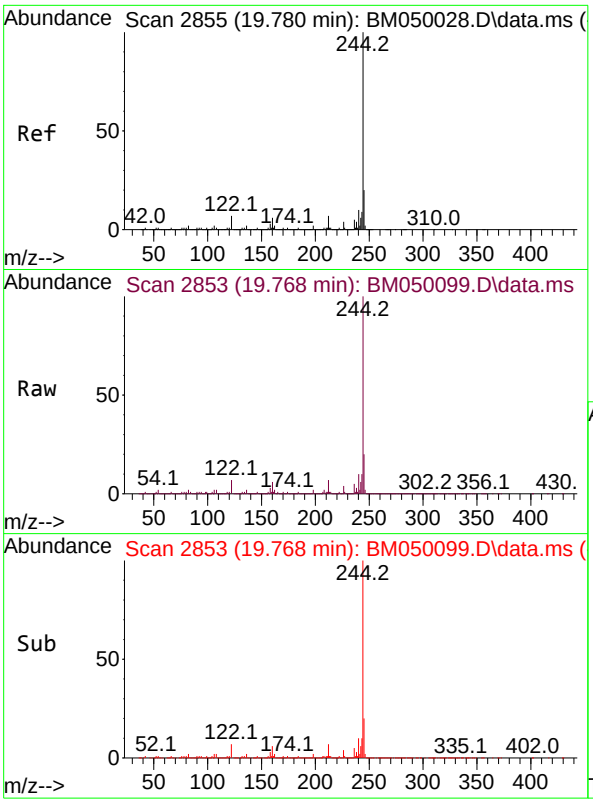


#78
Pyrene
Concen: 4.010 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Tgt Ion:202 Resp: 409984

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	17.0	14.1	21.1



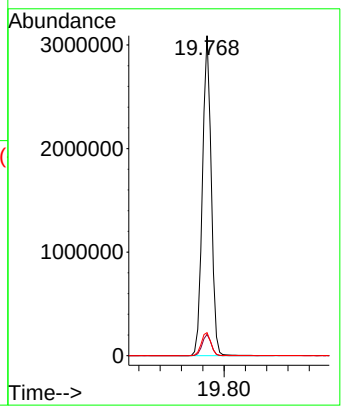


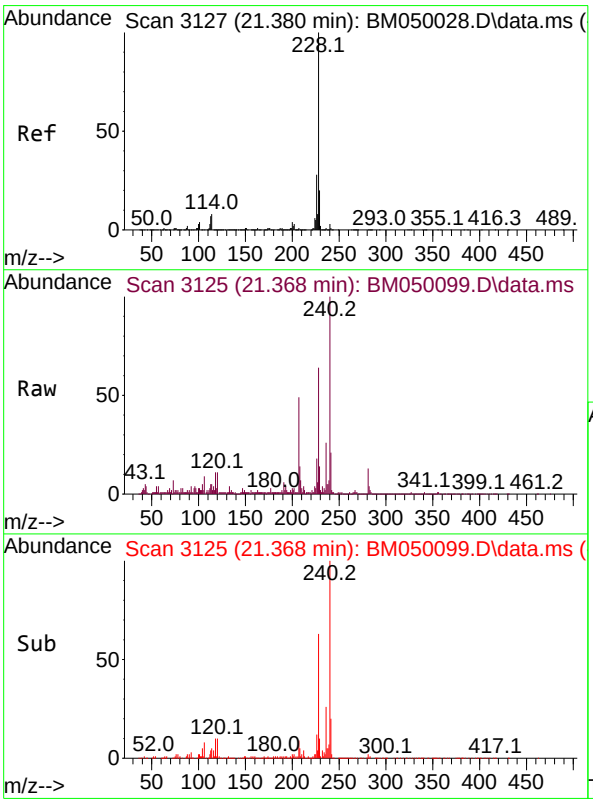
#79
Terphenyl-d14
Concen: 35.896 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Instrument :
BNA_M
ClientSampleId :
SS-9

Tgt Ion:244 Resp: 3531565

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	7.2	5.6	8.4

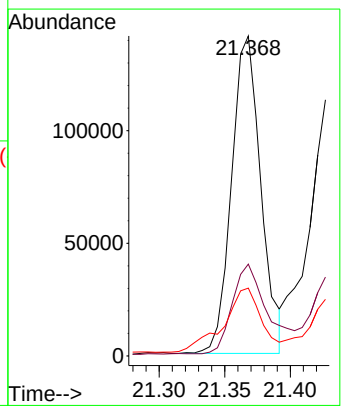


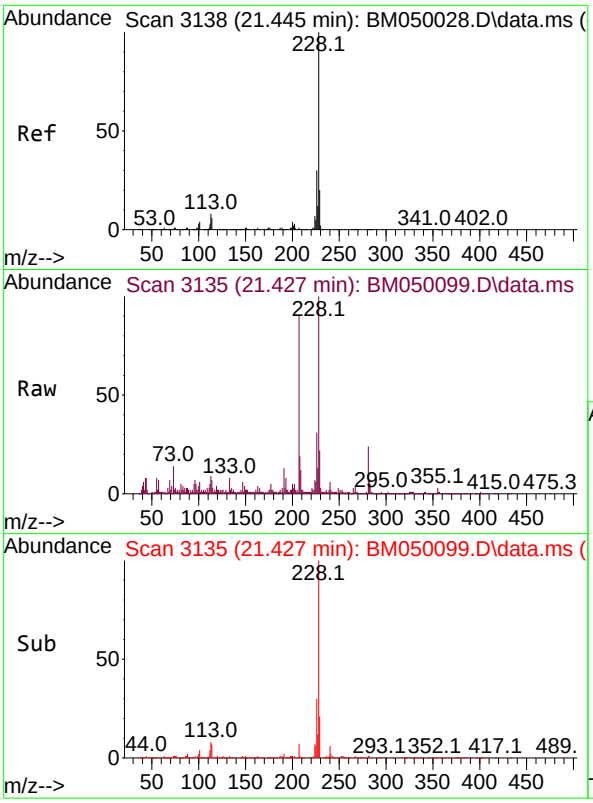


#81
Benzo(a)anthracene
Concen: 2.190 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Tgt Ion:228 Resp: 219552

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.1	33.1
229	21.2	15.7	23.5



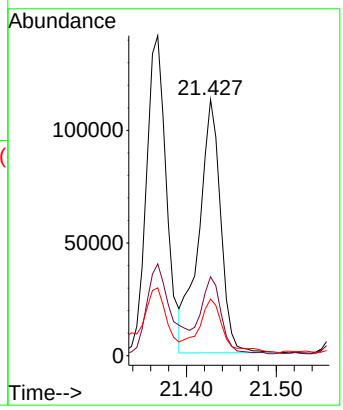


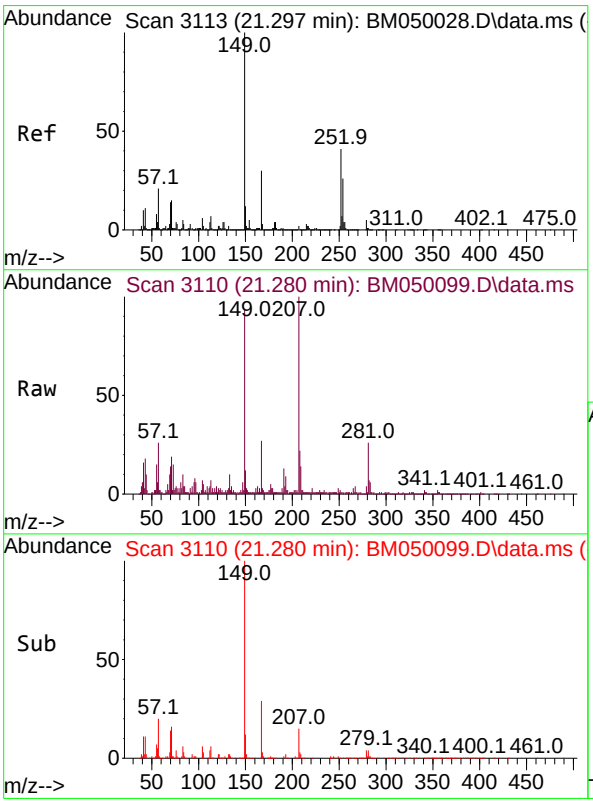
#83
Chrysene
Concen: 2.053 ng
RT: 21.427 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Instrument :
BNA_M
ClientSampleId :
SS-9

Tgt Ion:228 Resp: 190520

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.2
229	22.1	15.7	23.5

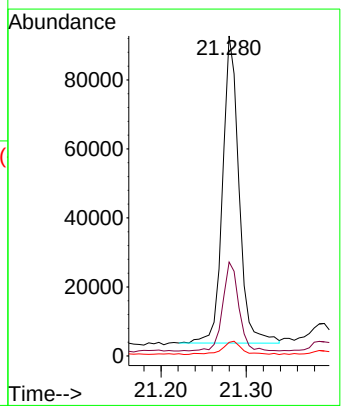


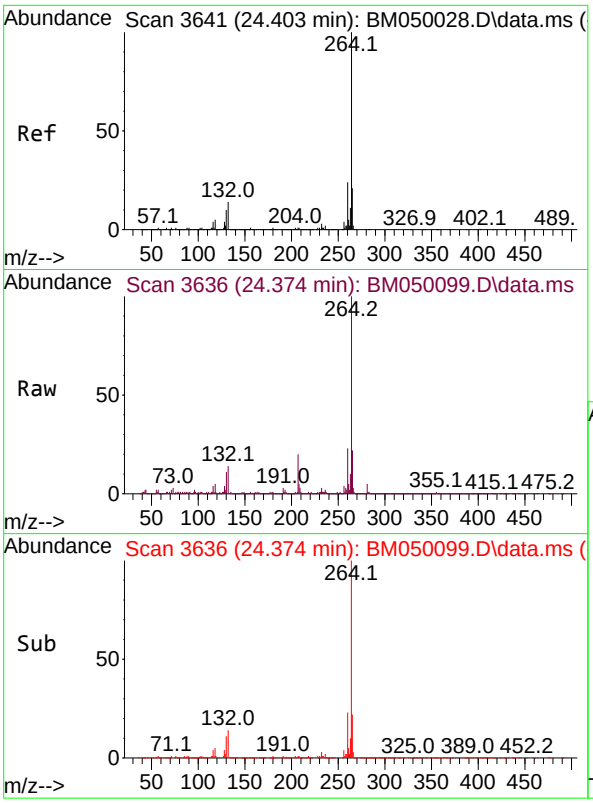


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.084 ng
RT: 21.280 min Scan# 3110
Delta R.T. -0.018 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Tgt Ion:149 Resp: 119176

Ion	Ratio	Lower	Upper
149	100		
167	29.4	24.1	36.1
279	4.3	3.9	5.9



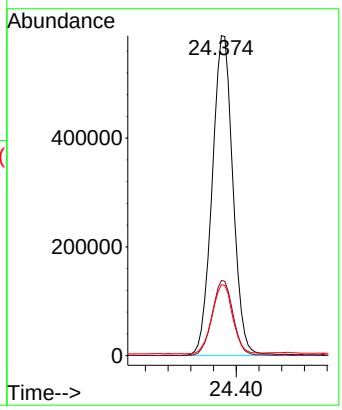


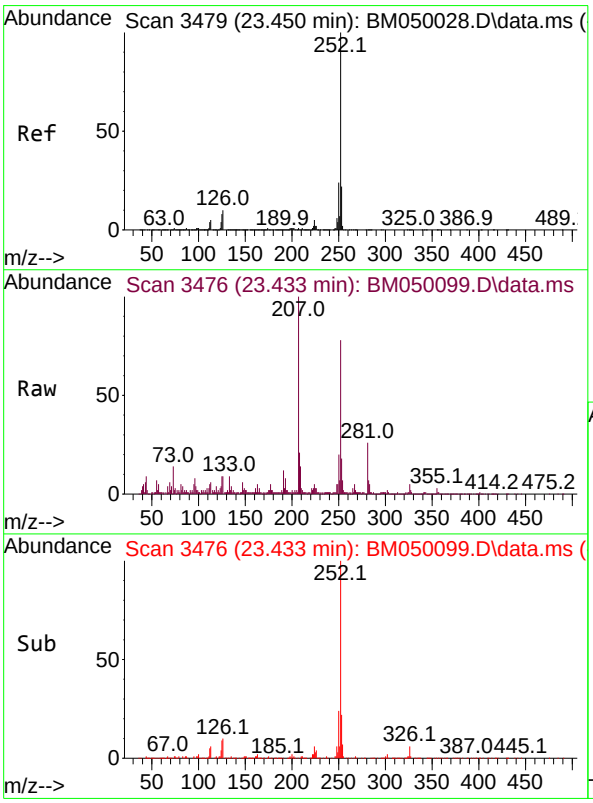
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3
Delta R.T. -0.030 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Instrument :
BNA_M
ClientSampleId :
SS-9

Tgt Ion:264 Resp: 1490527

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	22.2	17.0	25.4

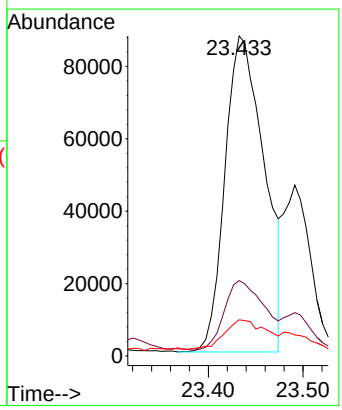


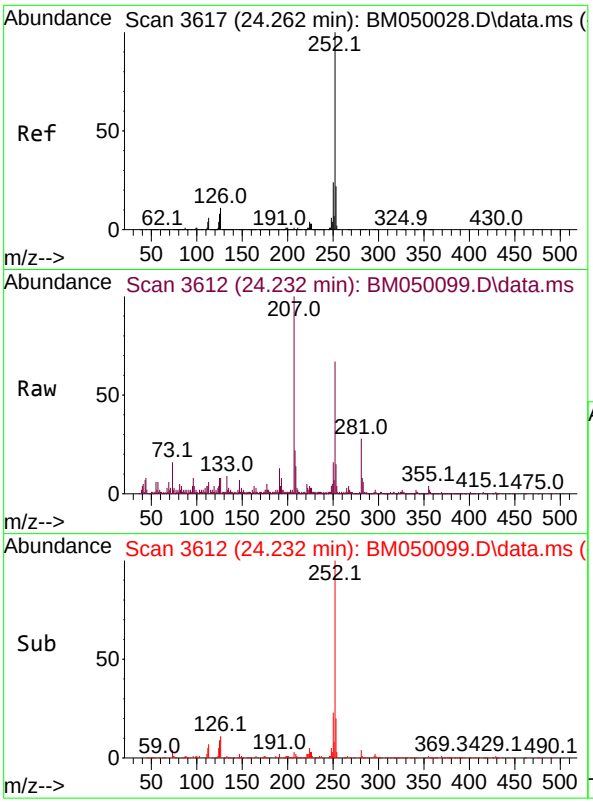


#88
Benzo(b)fluoranthene
Concen: 2.602 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.018 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Tgt Ion:252 Resp: 252177

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	11.3	6.1	9.1#



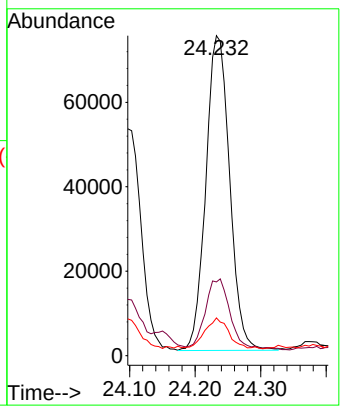


#90
Benzo(a)pyrene
Concen: 2.072 ng
RT: 24.232 min Scan# 3
Delta R.T. -0.030 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Instrument :
BNA_M
ClientSampleId :
SS-9

Tgt Ion:252 Resp: 188080

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	11.8	6.6	9.8#



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	FB04282025	SDG No.:	Q1914
Lab Sample ID:	Q1914-14	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142259.D	1	04/30/25 08:35	05/01/25 14:37	PB167798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	5.20	U	0.52	5.20	ug/L
208-96-8	Acenaphthylene	5.20	U	0.78	5.20	ug/L
83-32-9	Acenaphthene	5.20	U	0.57	5.20	ug/L
86-73-7	Fluorene	5.20	U	0.66	5.20	ug/L
85-01-8	Phenanthrene	5.20	U	0.52	5.20	ug/L
120-12-7	Anthracene	5.20	U	0.64	5.20	ug/L
206-44-0	Fluoranthene	5.20	U	0.85	5.20	ug/L
129-00-0	Pyrene	5.20	U	0.52	5.20	ug/L
56-55-3	Benzo(a)anthracene	5.20	U	0.47	5.20	ug/L
218-01-9	Chrysene	5.20	U	0.46	5.20	ug/L
205-99-2	Benzo(b)fluoranthene	5.20	U	0.51	5.20	ug/L
207-08-9	Benzo(k)fluoranthene	5.20	U	0.50	5.20	ug/L
50-32-8	Benzo(a)pyrene	5.20	U	0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.20	U	0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.20	U	0.70	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	5.20	U	0.72	5.20	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	88.3		49 - 133	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.7		52 - 132	76%	SPK: 100
1718-51-0	Terphenyl-d14	55.7		48 - 125	56%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	210000	6.904			
1146-65-2	Naphthalene-d8	792000	8.187			
15067-26-2	Acenaphthene-d10	384000	9.939			
1517-22-2	Phenanthrene-d10	539000	11.428			
1719-03-5	Chrysene-d12	446000	14.063			
1520-96-3	Perylene-d12	456000	15.557			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith			Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY			Date Received:	04/29/25
Client Sample ID:	FB04282025			SDG No.:	Q1914
Lab Sample ID:	Q1914-14			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	960	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group3
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142259.D	1	04/30/25 08:35	05/01/25 14:37	PB167798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142259.D
Acq On : 01 May 2025 14:37
Operator : RC/JU
Sample : Q1914-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB04282025

Quant Time: May 01 15:05:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

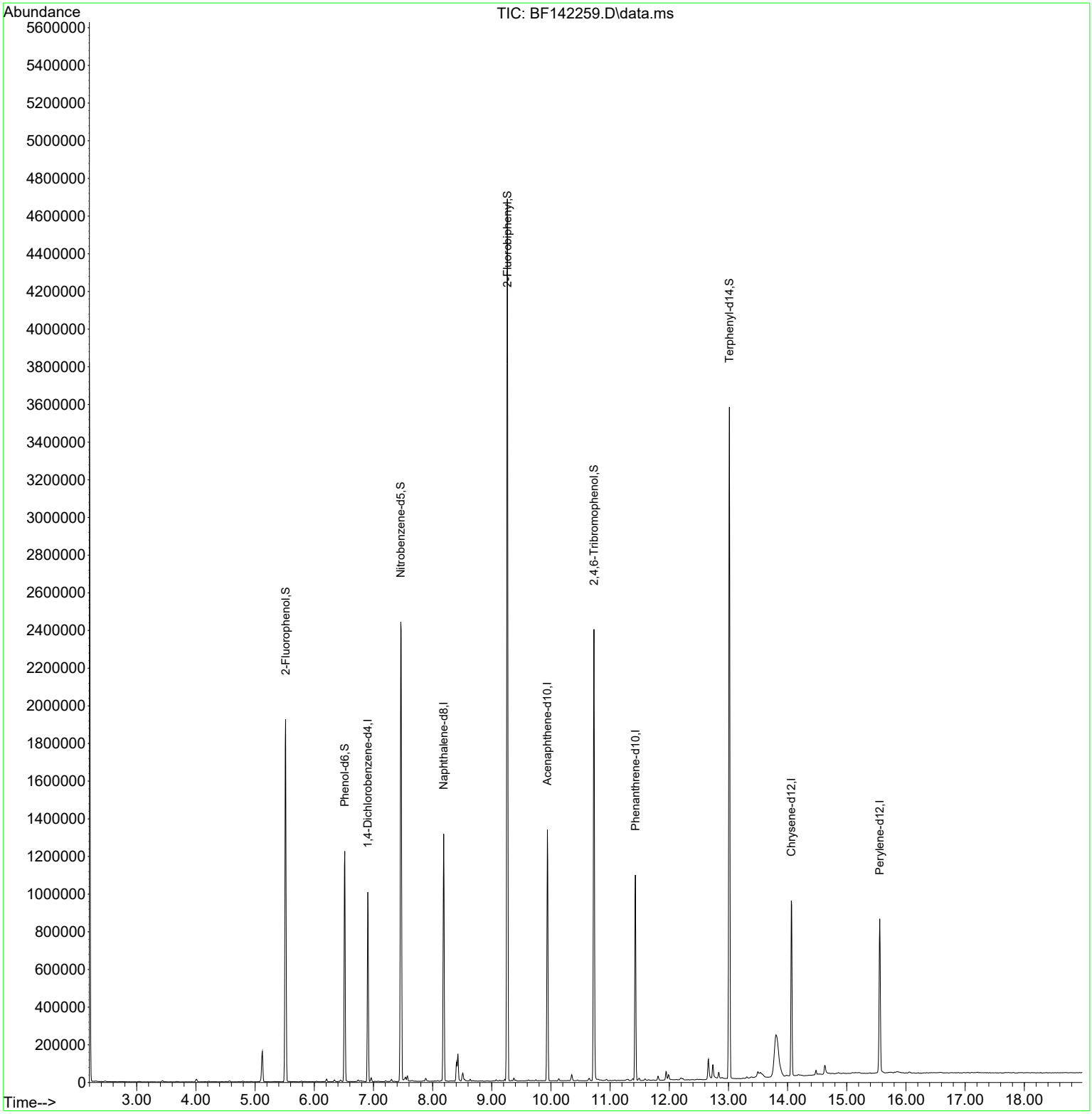
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	209525	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	791724	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	383707	20.000	ng	-0.01
64) Phenanthrene-d10	11.428	188	539331	20.000	ng	0.00
76) Chrysene-d12	14.063	240	446045	20.000	ng	-0.01
86) Perylene-d12	15.557	264	456057	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	708463	54.001	ng	0.00
7) Phenol-d6	6.516	99	533498	33.675	ng	-0.01
23) Nitrobenzene-d5	7.463	82	1064266	88.313	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	404329	115.588	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2059106	75.664	ng	0.00
79) Terphenyl-d14	13.016	244	1707731	55.684	ng	0.00
Target Compounds						Qvalue

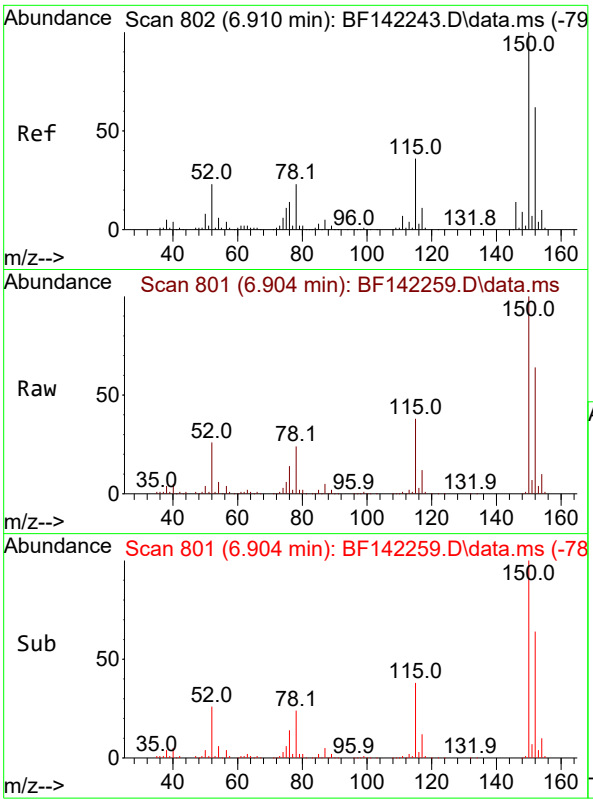
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142259.D
Acq On : 01 May 2025 14:37
Operator : RC/JU
Sample : Q1914-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB04282025

Quant Time: May 01 15:05:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration



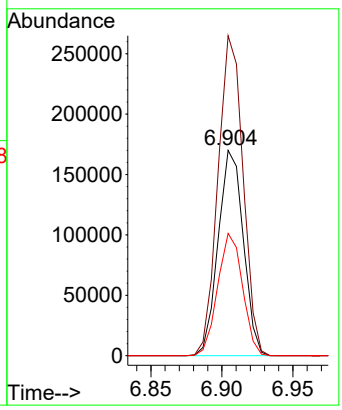


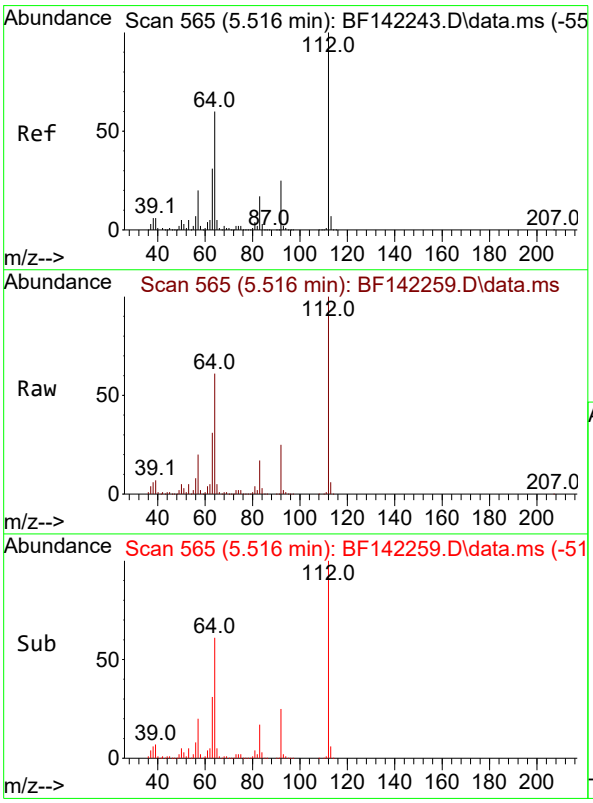
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

Instrument :
BNA_F
ClientSampleId :
FB04282025

Tgt Ion:152 Resp: 209525

Ion	Ratio	Lower	Upper
152	100		
150	155.8	130.2	195.2
115	59.5	47.0	70.4

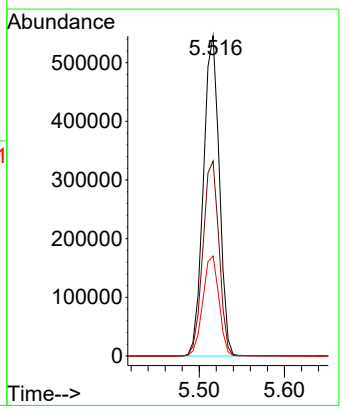


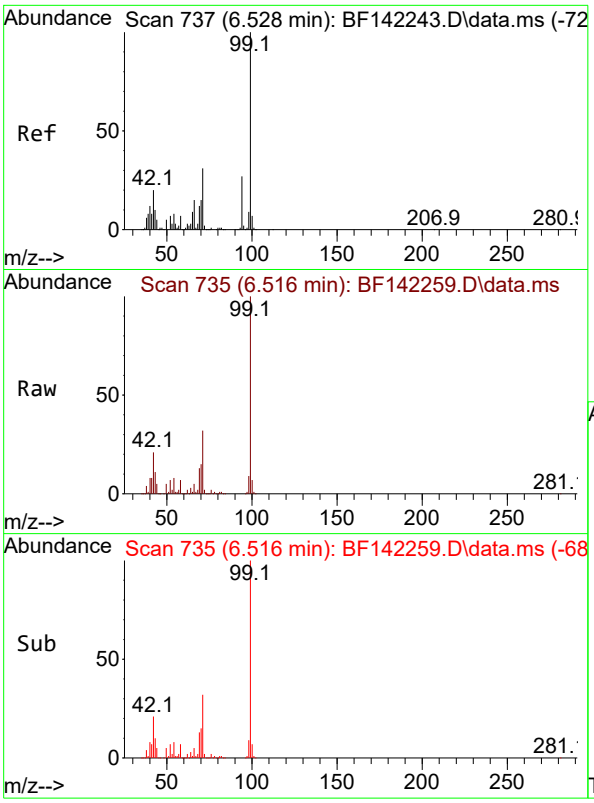


#5
2-Fluorophenol
Concen: 54.001 ng
RT: 5.516 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

Tgt Ion:112 Resp: 708463

Ion	Ratio	Lower	Upper
112	100		
64	60.9	48.4	72.6
63	31.2	24.8	37.2



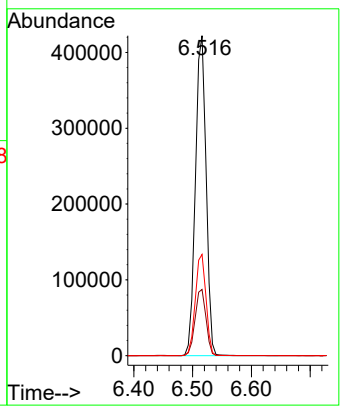


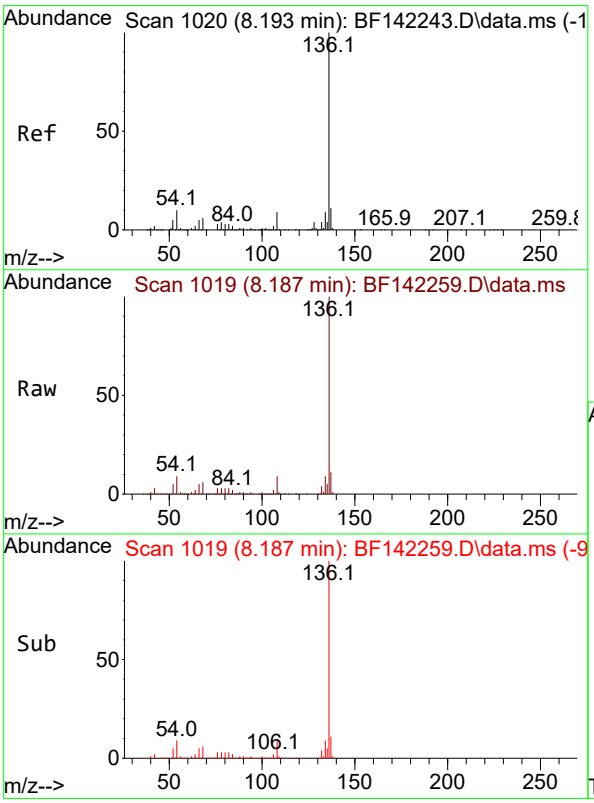
#7
Phenol-d6
Concen: 33.675 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

Instrument :
BNA_F
ClientSampleId :
FB04282025

Tgt Ion: 99 Resp: 533498

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.3	24.5
71	31.7	25.0	37.4

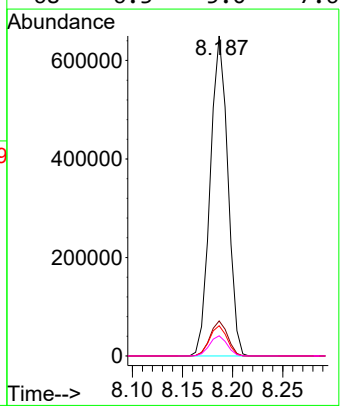


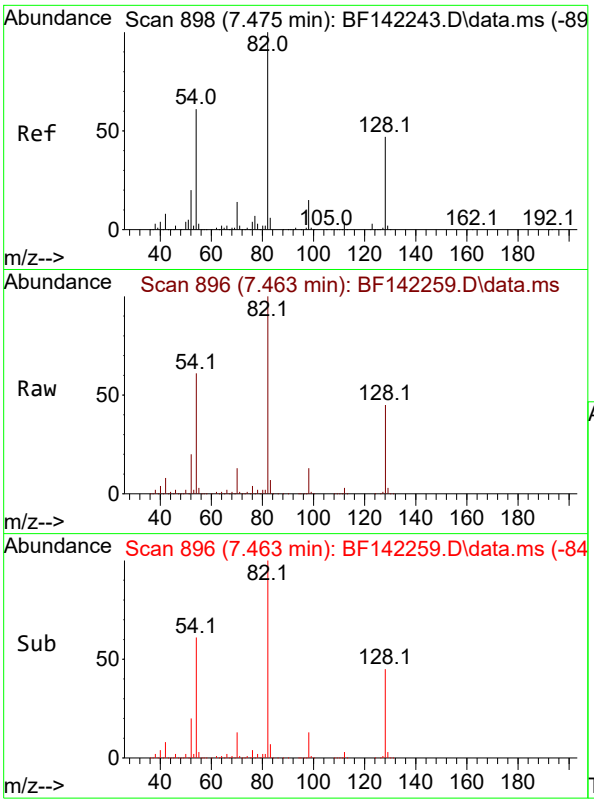


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

Tgt Ion:136 Resp: 791724

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.5	7.7	11.5
68	6.3	5.0	7.6



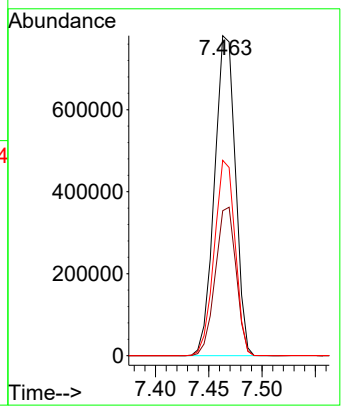


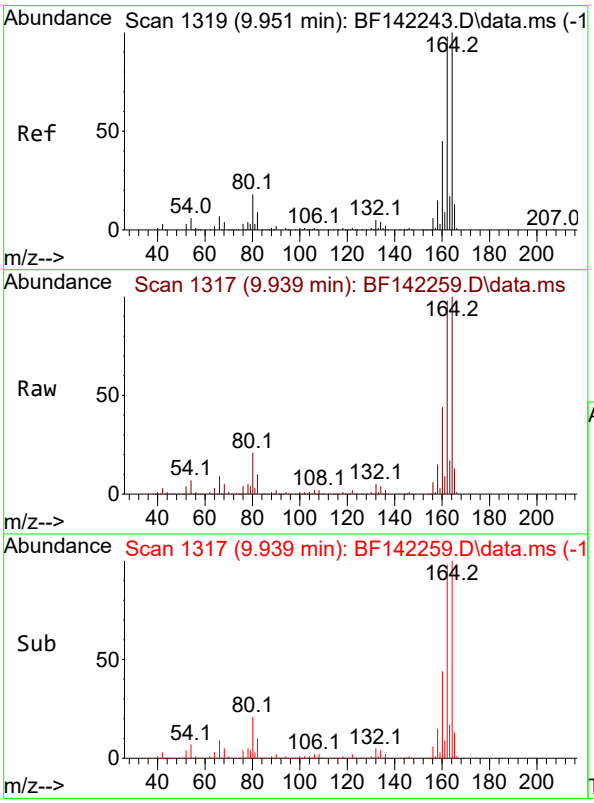
#23
Nitrobenzene-d5
Concen: 88.313 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

Instrument :
BNA_F
ClientSampleId :
FB04282025

Tgt Ion: 82 Resp: 1064266

Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.0	55.6
54	61.1	48.0	72.0

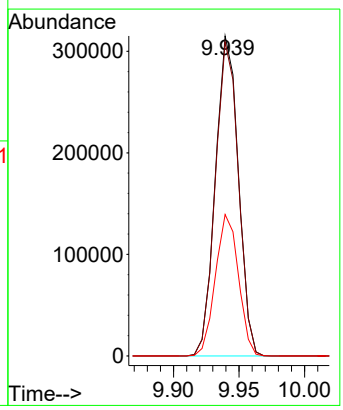


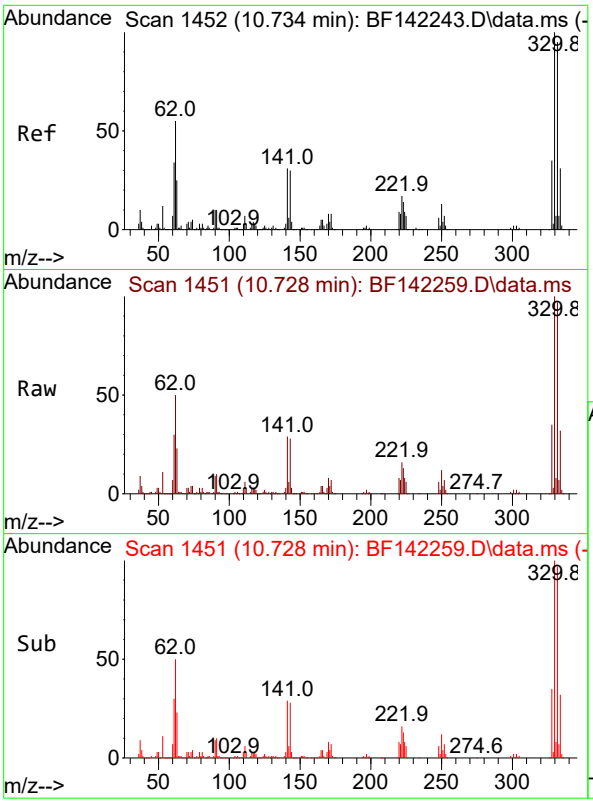


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.012 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

Tgt Ion:164 Resp: 383707

Ion	Ratio	Lower	Upper
164	100		
162	98.0	78.6	117.8
160	44.2	35.7	53.5



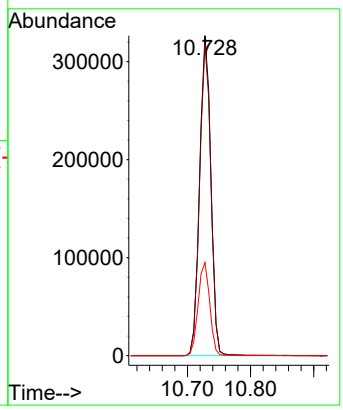


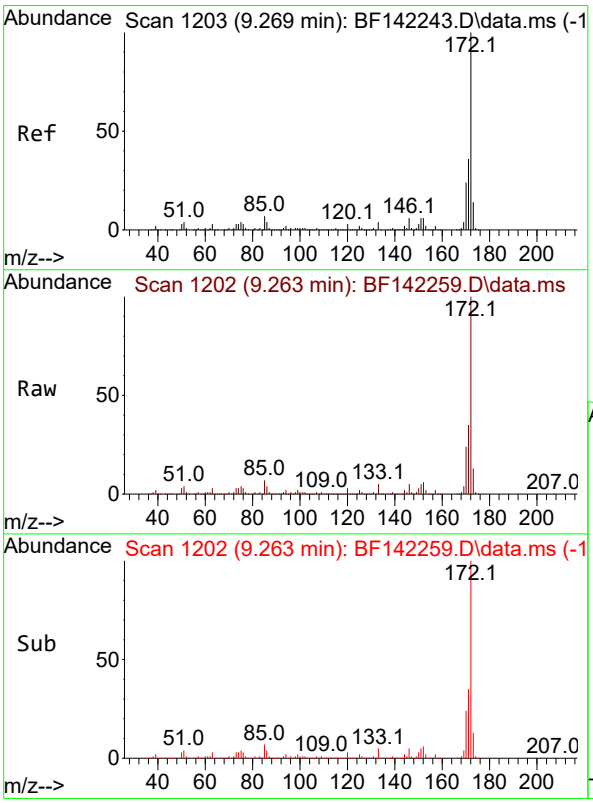
#42
2,4,6-Tribromophenol
Concen: 115.588 ng
RT: 10.728 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

Instrument :
BNA_F
ClientSampleId :
FB04282025

Tgt Ion:330 Resp: 404329

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.5	114.7
141	30.0	24.3	36.5

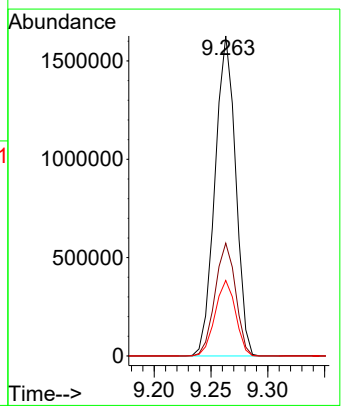


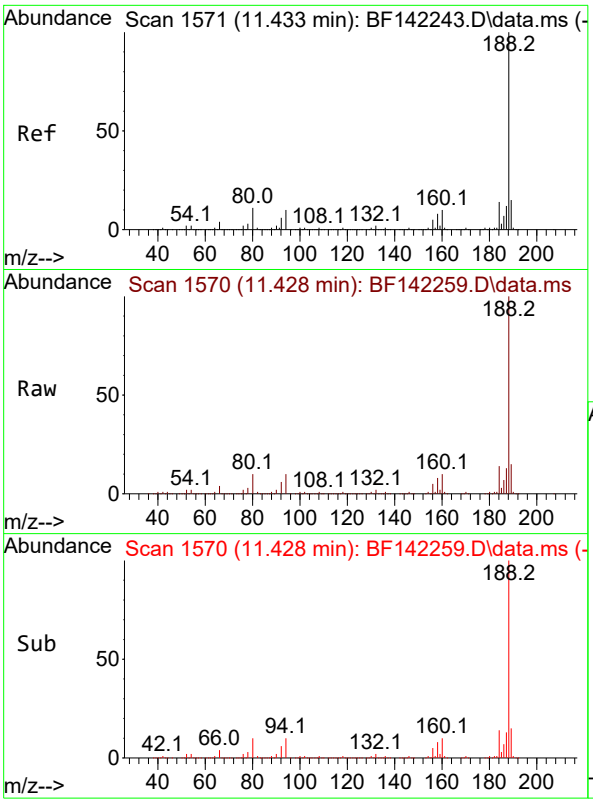


#45
2-Fluorobiphenyl
Concen: 75.664 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

Tgt Ion:172 Resp: 2059106

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.4
170	23.6	19.4	29.0



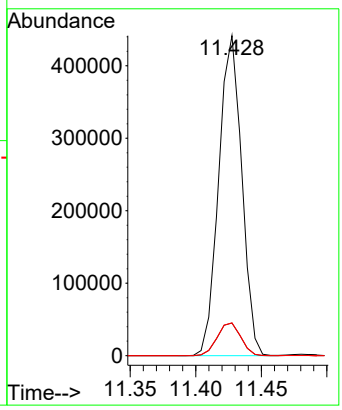


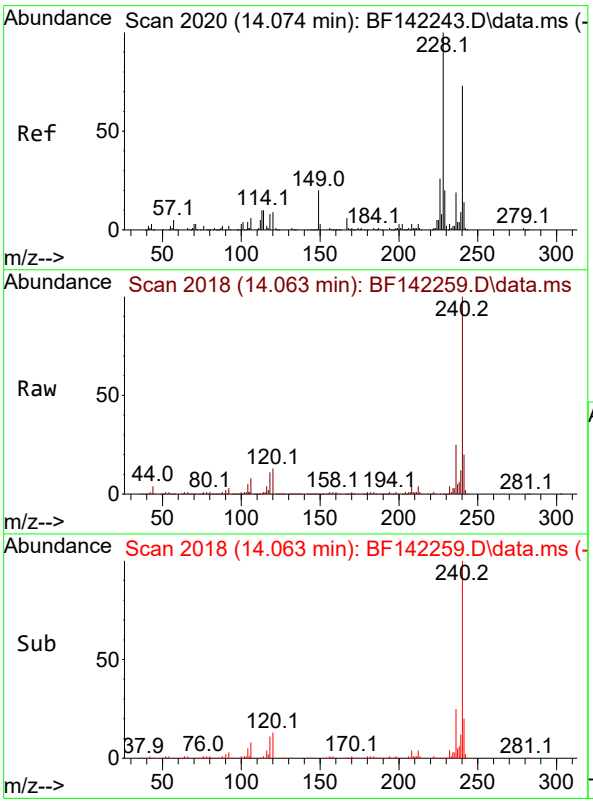
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

Instrument :
BNA_F
ClientSampleId :
FB04282025

Tgt Ion:188 Resp: 539331

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.2
80	10.2	8.6	12.8

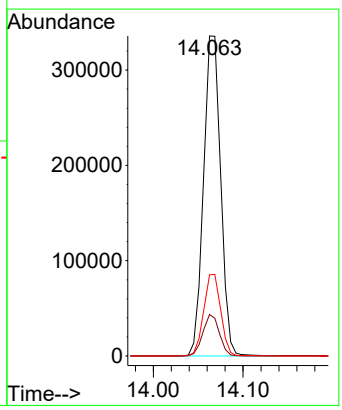


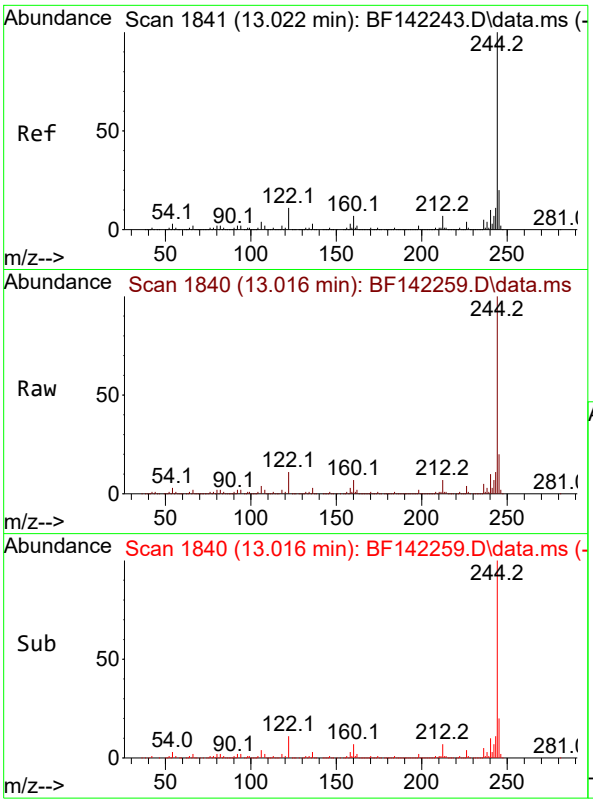


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

Tgt Ion:240 Resp: 446045

Ion	Ratio	Lower	Upper
240	100		
120	13.0	10.1	15.1
236	25.4	20.5	30.7



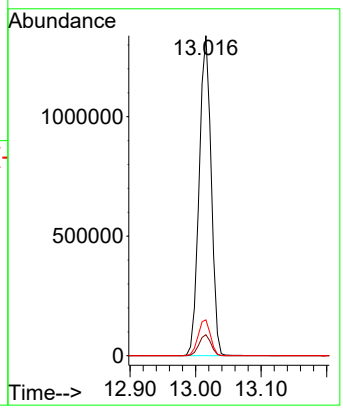


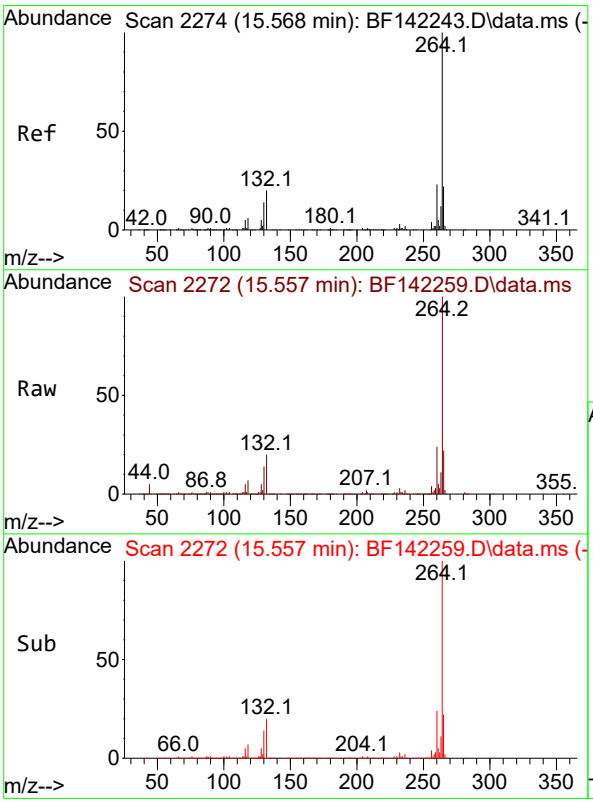
#79
Terphenyl-d14
Concen: 55.684 ng
RT: 13.016 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

Instrument :
BNA_F
ClientSampleId :
FB04282025

Tgt Ion:244 Resp: 1707731

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.3	7.9
122	11.2	9.1	13.7

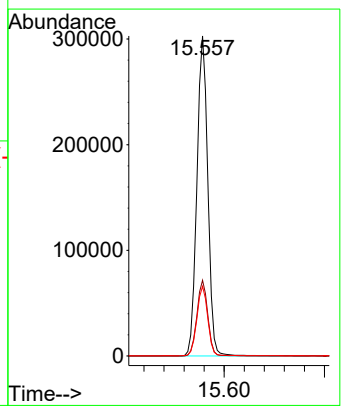




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

Tgt Ion:264 Resp: 456057

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	21.7	17.3	25.9



CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF043025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Apr 30 16:00:01 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF142239.D 5 =BF142240.D 10 =BF142241.D 20 =BF142242.D 40 =BF142243.D 50 =BF142244.D 60 =BF142245.D 80 =BF1422
46.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.563	0.534	0.561	0.592	0.580	0.555	0.530	0.559	4.03
3)		Pyridine		1.465	1.391	1.454	1.522	1.503	1.460	1.380	1.454	3.62
4)		n-Nitrosodimet...		0.747	0.699	0.728	0.807	0.789	0.766	0.731	0.752	4.95
5)	S	2-Fluorophenol		1.324	1.238	1.265	1.314	1.285	1.210	1.131	1.252	5.35
6)		Aniline		2.212	2.085	2.157	2.245	2.203	2.101	1.981	2.140	4.29
7)	S	Phenol-d6		1.559	1.505	1.534	1.593	1.550	1.475	1.370	1.512	4.85
8)		2-Chlorophenol		1.252	1.232	1.304	1.379	1.354	1.313	1.225	1.294	4.64
9)		Benzaldehyde		1.154	1.088	1.095	1.117	1.078	0.993	0.875	1.057	8.91
10)	C	Phenol		1.679	1.588	1.657	1.715	1.687	1.603	1.468	1.628	5.15
11)		bis(2-Chloroet...		1.345	1.250	1.270	1.318	1.285	1.231	1.132	1.262	5.46
12)		1,3-Dichlorobe...		1.571	1.485	1.485	1.533	1.478	1.396	1.299	1.464	6.18
13)	C	1,4-Dichlorobe...		1.610	1.486	1.495	1.546	1.488	1.404	1.295	1.475	6.86
14)		1,2-Dichlorobe...		1.489	1.418	1.431	1.475	1.432	1.356	1.255	1.408	5.67
15)		Benzyl Alcohol		1.047	1.017	1.064	1.149	1.126	1.082	1.023	1.073	4.69
16)		2,2'-oxybis(1-...		2.368	2.287	2.303	2.386	2.344	2.216	2.043	2.278	5.19
17)		2-Methylphenol		1.085	1.029	1.068	1.121	1.084	1.050	0.983	1.060	4.19
18)		Hexachloroethane		0.468	0.466	0.481	0.511	0.514	0.489	0.451	0.483	4.84
19)	P	n-Nitroso-di-n...	0.953	0.987	0.937	0.949	0.967	0.939	0.898	0.844	0.934	4.77
20)		3+4-Methylphenols		1.357	1.323	1.372	1.400	1.366	1.296	1.166	1.326	5.90
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.511	0.482	0.483	0.468	0.461	0.430	0.404	0.463	7.70
23)	S	Nitrobenzene-d5		0.217	0.251	0.302	0.340	0.351	0.339	0.330	0.304	16.88
24)		Nitrobenzene		0.229	0.261	0.297	0.328	0.338	0.323	0.314	0.299	13.31
25)		Isophorone		0.660	0.630	0.642	0.660	0.654	0.626	0.601	0.639	3.36
26)	C	2-Nitrophenol		0.048	0.057	0.083	0.115	0.132	0.136	0.142	0.102	38.38#
27)		2,4-Dimethylph...		0.315	0.319	0.333	0.337	0.333	0.315	0.302	0.322	3.96
28)		bis(2-Chloroet...		0.425	0.404	0.414	0.415	0.410	0.386	0.366	0.403	4.98
29)	C	2,4-Dichloroph...		0.246	0.253	0.274	0.291	0.286	0.272	0.263	0.269	6.12
30)		1,2,4-Trichlor...		0.320	0.303	0.305	0.312	0.304	0.287	0.273	0.301	5.28
31)		Naphthalene		1.106	1.040	1.035	1.020	0.999	0.924	0.858	0.997	8.21
32)		Benzoic acid			0.048	0.087	0.130	0.146	0.159	0.179	0.125	39.24
33)		4-Chloroaniline		0.446	0.414	0.429	0.429	0.423	0.396	0.371	0.415	5.98
34)	C	Hexachlorobuta...		0.180	0.175	0.179	0.185	0.178	0.170	0.161	0.175	4.35
35)		Caprolactam		0.068	0.073	0.081	0.087	0.089	0.085	0.083	0.081	9.45
36)	C	4-Chloro-3-met...		0.262	0.265	0.279	0.295	0.293	0.276	0.266	0.277	4.84
37)		2-Methylnaphth...		0.679	0.637	0.633	0.623	0.612	0.574	0.534	0.613	7.69
38)		1-Methylnaphth...		0.700	0.655	0.667	0.652	0.641	0.590	0.542	0.635	8.29

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF043025.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.621	0.575	0.572	0.576	0.566	0.534	0.496	0.563	6.88
41)	P	Hexachlorocycl...	0.244	0.265	0.306	0.352	0.368	0.358	0.343	0.319	15.23
42)	S	2,4,6-Tribromo...	0.139	0.158	0.184	0.204	0.205	0.197	0.190	0.182	13.73
43)	C	2,4,6-Trichlor...	0.275	0.329	0.353	0.370	0.375	0.381	0.357	0.349	10.50
44)		2,4,5-Trichlor...	0.322	0.330	0.362	0.404	0.411	0.371	0.365	0.367	9.17
45)	S	2-Fluorobiphenyl	1.738	1.580	1.520	1.409	1.347	1.221	1.114	1.418	15.11
46)		1,1'-Biphenyl	1.773	1.621	1.612	1.581	1.547	1.435	1.316	1.555	9.38
47)		2-Chloronaphth...	1.289	1.176	1.191	1.185	1.157	1.085	1.014	1.157	7.51
48)		2-Nitroaniline	0.119	0.156	0.228	0.295	0.316	0.315	0.316	0.249	33.25
49)		Acenaphthylene	2.149	2.025	2.025	1.997	1.965	1.828	1.675	1.952	7.93
50)		Dimethylphthalate	1.362	1.284	1.301	1.321	1.309	1.227	1.152	1.280	5.42
51)		2,6-Dinitrotol...	0.098	0.137	0.193	0.241	0.259	0.254	0.249	0.204	31.45
52)	C	Acenaphthene	1.271	1.175	1.156	1.172	1.138	1.072	0.995	1.140	7.63
53)		3-Nitroaniline	0.143	0.187	0.252	0.298	0.311	0.310	0.299	0.257	26.09
54)	P	2,4-Dinitrophenol		0.025	0.036	0.057	0.069	0.076	0.085	0.058	40.36
55)		Dibenzofuran	1.930	1.775	1.751	1.743	1.713	1.581	1.466	1.709	8.67
56)	P	4-Nitrophenol		0.131	0.177	0.216	0.233	0.230	0.220	0.201	19.82
57)		2,4-Dinitrotol...	0.104	0.145	0.213	0.285	0.311	0.309	0.306	0.239	35.96
58)		Fluorene	1.493	1.403	1.351	1.317	1.273	1.186	1.071	1.299	10.74
59)		2,3,4,6-Tetrac...	0.252	0.267	0.312	0.334	0.334	0.323	0.305	0.304	10.65
60)		Diethylphthalate	1.324	1.264	1.302	1.313	1.300	1.215	1.126	1.263	5.61
61)		4-Chlorophenyl...	0.702	0.642	0.632	0.632	0.614	0.570	0.526	0.617	9.06
62)		4-Nitroaniline	0.144	0.177	0.233	0.272	0.287	0.281	0.269	0.238	23.57
63)		Azobenzene	1.346	1.260	1.275	1.279	1.278	1.198	1.098	1.248	6.33
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.022	0.034	0.055	0.065	0.071	0.075	0.054	39.23
66)	c	n-Nitrosodiphe...	0.727	0.686	0.693	0.712	0.689	0.653	0.623	0.683	5.11
67)		4-Bromophenyl-...	0.224	0.219	0.223	0.236	0.225	0.220	0.211	0.223	3.39
68)		Hexachlorobenzene	0.256	0.245	0.248	0.261	0.255	0.244	0.237	0.249	3.28
69)		Atrazine	0.166	0.172	0.186	0.190	0.190	0.182	0.174	0.180	5.29
70)	C	Pentachlorophenol		0.093	0.121	0.144	0.145	0.144	0.144	0.132	16.25
71)		Phenanthrene	1.218	1.114	1.119	1.112	1.064	0.995	0.940	1.080	8.45
72)		Anthracene	1.209	1.161	1.151	1.128	1.099	1.025	0.959	1.105	7.77
73)		Carbazole	1.125	1.047	1.061	1.033	0.996	0.935	0.857	1.008	8.77
74)		Di-n-butylphth...	0.986	1.006	1.088	1.069	1.045	0.988	0.912	1.013	5.88
75)	C	Fluoranthene	1.221	1.144	1.155	1.085	1.035	0.957	0.878	1.068	11.24
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.702	0.748	0.885	0.963	0.945	0.895	0.810	0.850	11.67
78)		Pyrene	1.833	1.801	1.849	2.026	1.937	1.833	1.635	1.845	6.54
79)	S	Terphenyl-d14	1.472	1.413	1.422	1.481	1.392	1.290	1.155	1.375	8.41
80)		Butylbenzylpht...	0.218	0.293	0.405	0.505	0.525	0.524	0.509	0.425	29.32
81)		Benzo(a)anthra...	1.379	1.320	1.332	1.438	1.388	1.316	1.225	1.343	5.06
82)		3,3'-Dichlorob...	0.286	0.317	0.380	0.442	0.450	0.451	0.435	0.394	17.37
83)		Chrysene	1.302	1.210	1.249	1.232	1.227	1.197	1.138	1.222	4.12
84)		Bis(2-ethylhex...	0.384	0.448	0.549	0.695	0.726	0.722	0.707	0.604	23.69
85)	c	Di-n-octyl pht...		0.668	0.875	1.262	1.320	1.347	1.329	1.133	25.55

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF043025.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.323	1.384	1.466	1.613	1.556	1.490	1.422	1.465	6.78
88)		Benzo(b)fluora...	1.317	1.220	1.208	1.302	1.271	1.177	1.202	1.242	4.36
89)		Benzo(k)fluora...	1.211	1.159	1.222	1.145	1.146	1.110	0.962	1.136	7.59
90)	C	Benzo(a)pyrene	1.121	1.098	1.146	1.203	1.180	1.137	1.076	1.137	3.91
91)		Dibenzo(a,h)an...	1.075	1.131	1.197	1.312	1.271	1.192	1.144	1.189	6.90
92)		Benzo(g,h,i)pe...	1.076	1.138	1.204	1.308	1.267	1.213	1.162	1.195	6.55

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142239.D
Acq On : 30 Apr 2025 11:24
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 30 15:56:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

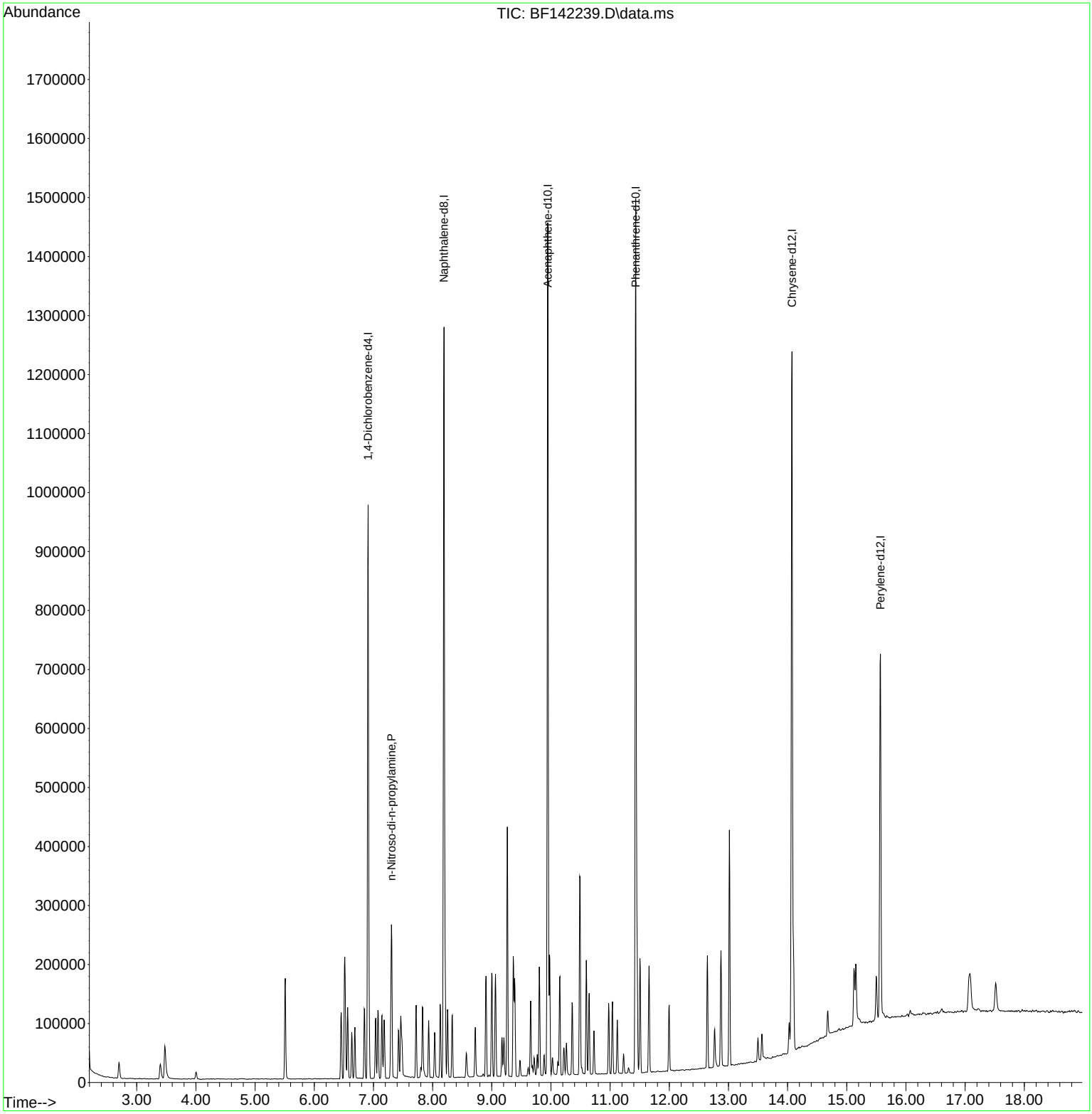
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	204993	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	780462	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	414360	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	737147	20.000	ng	0.00
76) Chrysene-d12	14.074	240	525717	20.000	ng	0.00
86) Perylene-d12	15.568	264	366865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	24421	2.550	ng	99

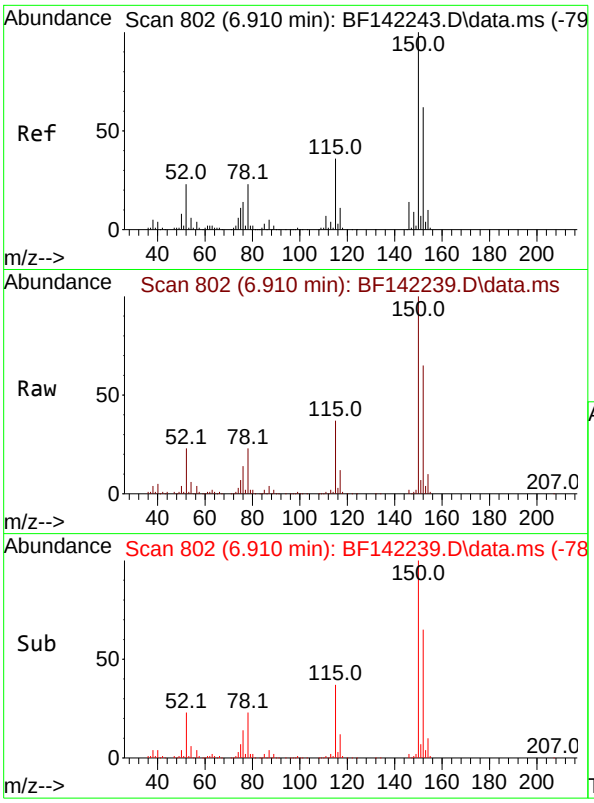
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142239.D
Acq On : 30 Apr 2025 11:24
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 30 15:56:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration



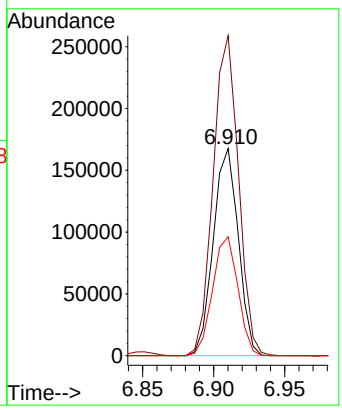


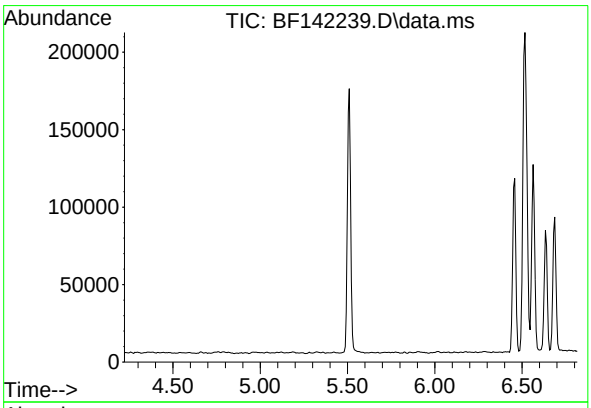
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142239.D
Acq: 30 Apr 2025 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 204993

Ion	Ratio	Lower	Upper
152	100		
150	154.4	130.2	195.2
115	57.4	47.0	70.4



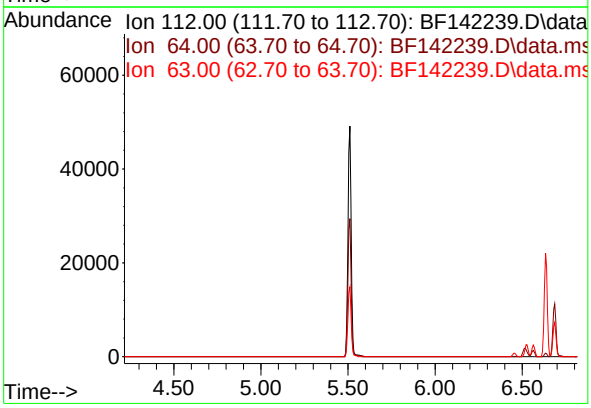


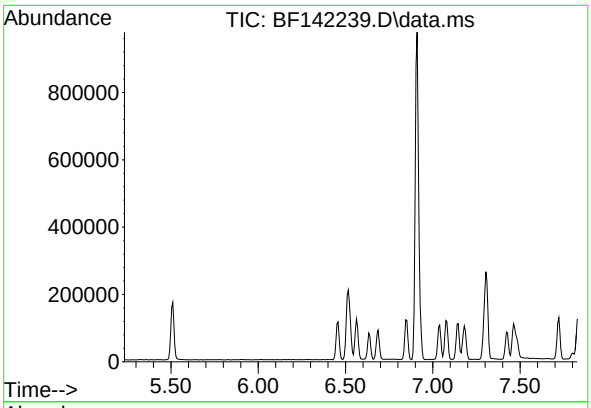
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.52 min

Lab File: BF142239.D
Acq: 30 Apr 2025 11:24

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	60.5
63	31.0





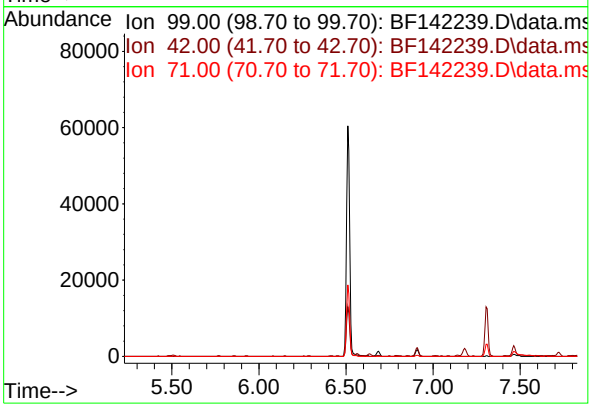
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.53 min

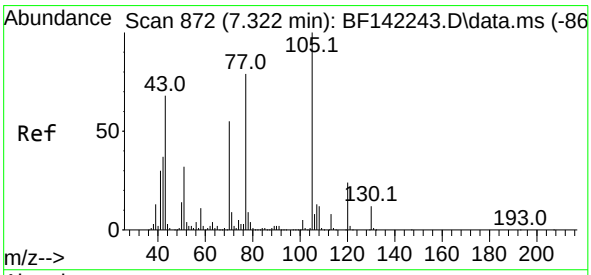
Lab File: BF142239.D
Acq: 30 Apr 2025 11:24

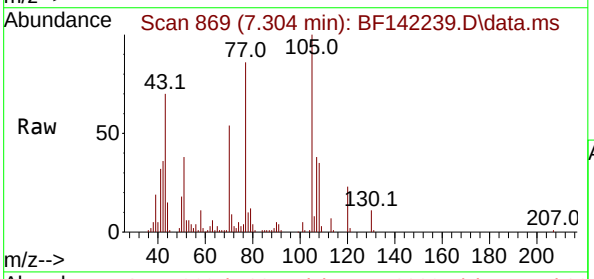
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

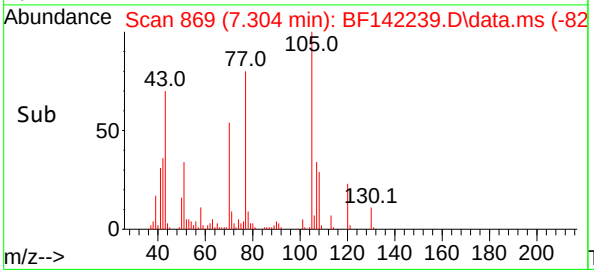
Tgt Ion: 99

Sig	Exp Ratio
99	100
42	20.4
71	31.2





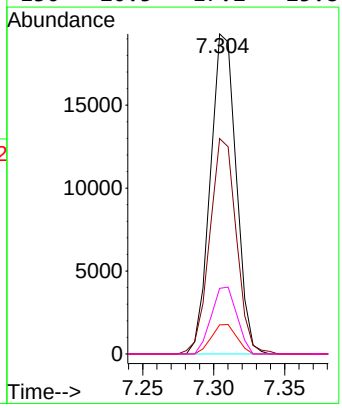


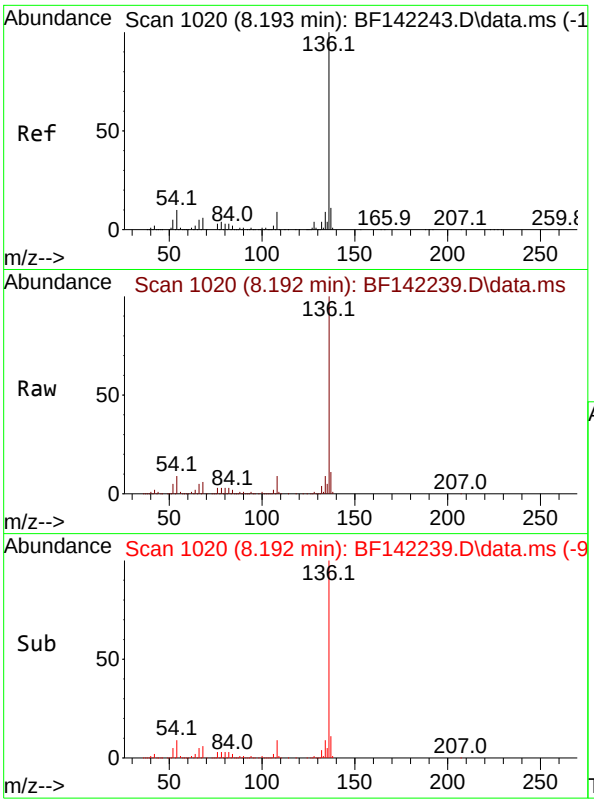


#19
n-Nitroso-di-n-propylamine
Concen: 2.550 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.018 min
Lab File: BF142239.D
Acq: 30 Apr 2025 11:24

Tgt Ion: 70 Resp: 24421

Ion	Ratio	Lower	Upper
70	100		
42	67.3	53.4	80.2
101	9.1	7.7	11.5
130	20.5	17.2	25.8



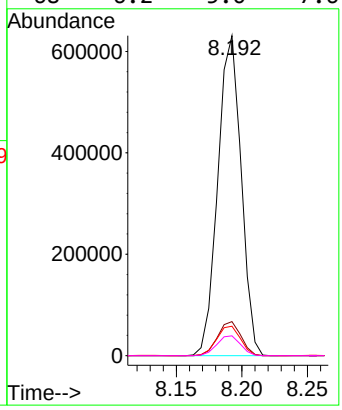


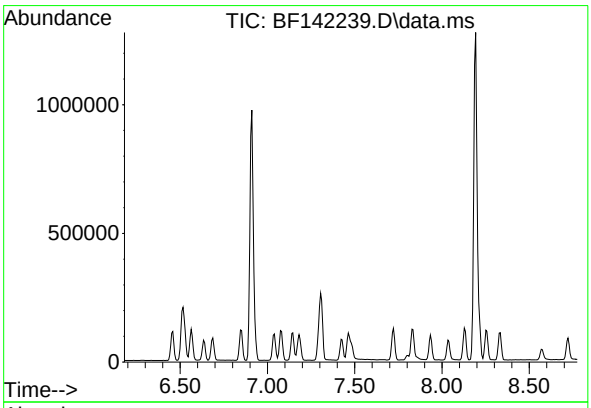
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1
Delta R.T. -0.001 min
Lab File: BF142239.D
Acq: 30 Apr 2025 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 780462

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.2	7.7	11.5
68	6.2	5.0	7.6



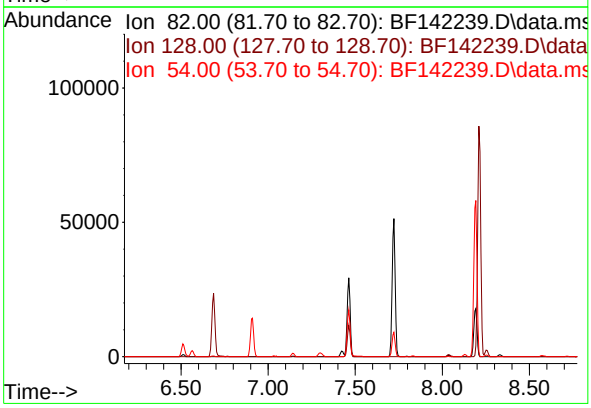


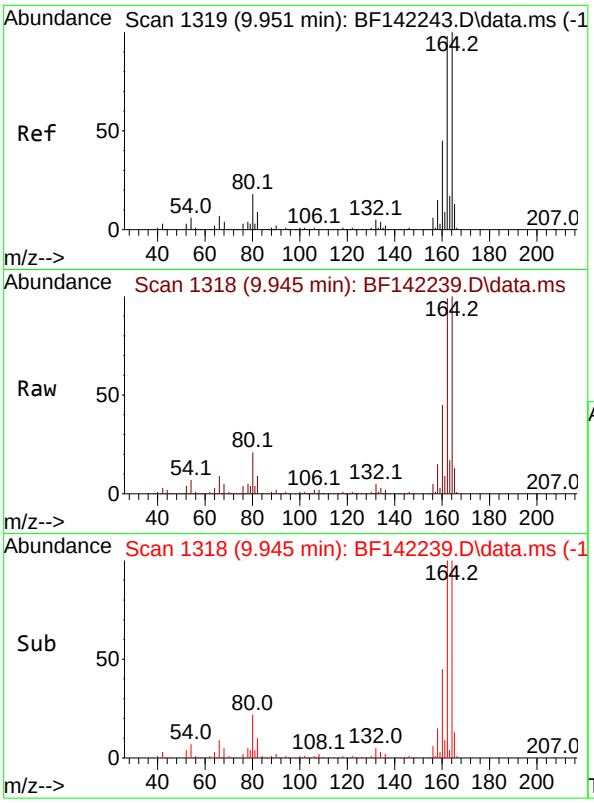
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.47 min

Lab File: BF142239.D
Acq: 30 Apr 2025 11:24

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	46.3
54	60.0



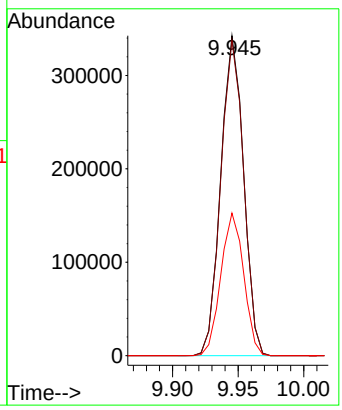


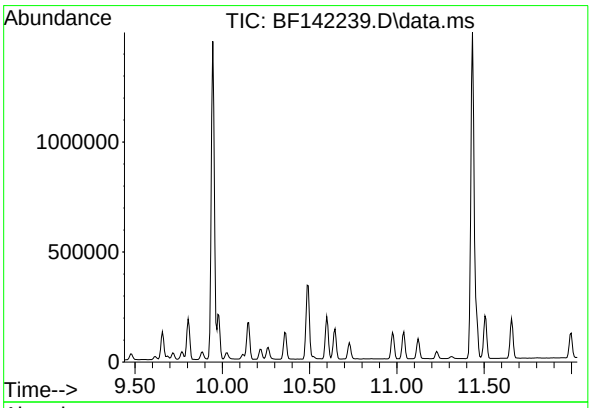
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142239.D
Acq: 30 Apr 2025 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 414360

Ion	Ratio	Lower	Upper
164	100		
162	98.5	78.6	117.8
160	44.5	35.7	53.5



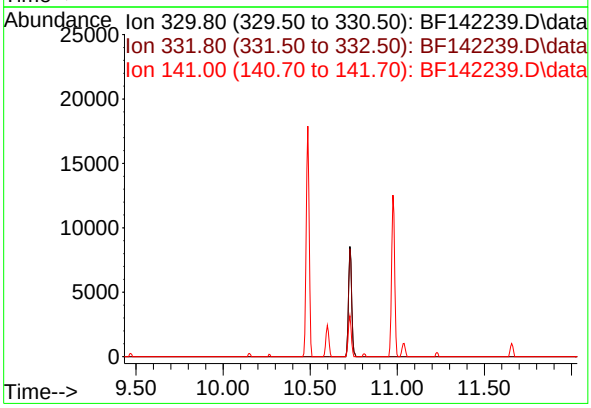


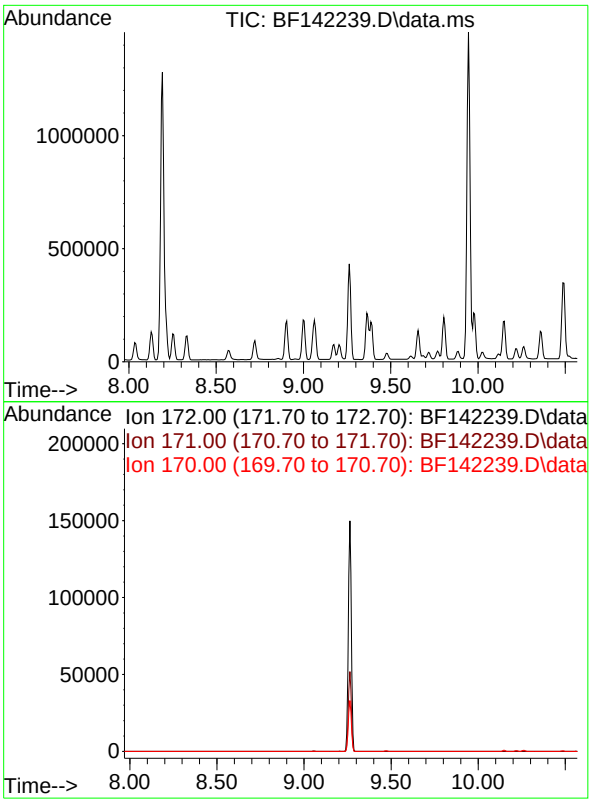
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.73 min

Lab File: BF142239.D
Acq: 30 Apr 2025 11:24

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.6
141	30.4





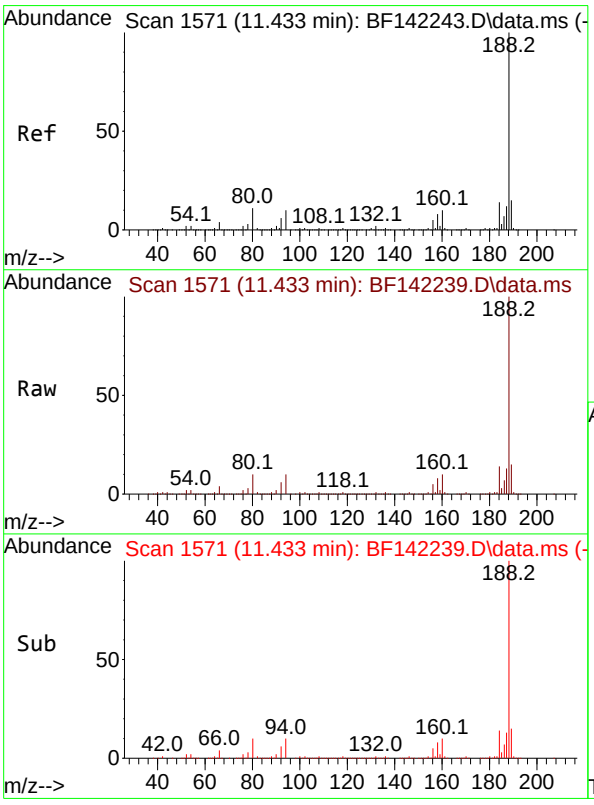
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.27 min

Lab File: BF142239.D
Acq: 30 Apr 2025 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

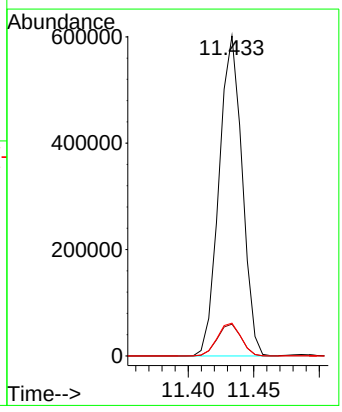
Sig	Exp Ratio
172	100
171	36.2
170	24.2

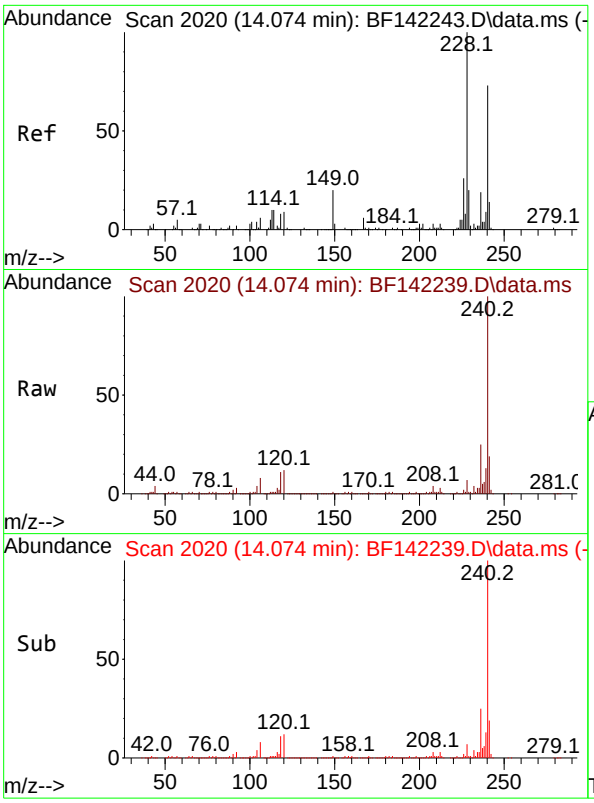


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142239.D
Acq: 30 Apr 2025 11:24

Tgt Ion:188 Resp: 737147

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.2	12.2
80	10.3	8.6	12.8



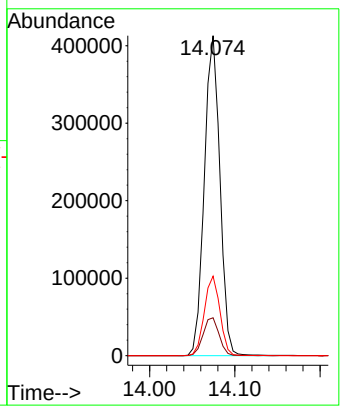


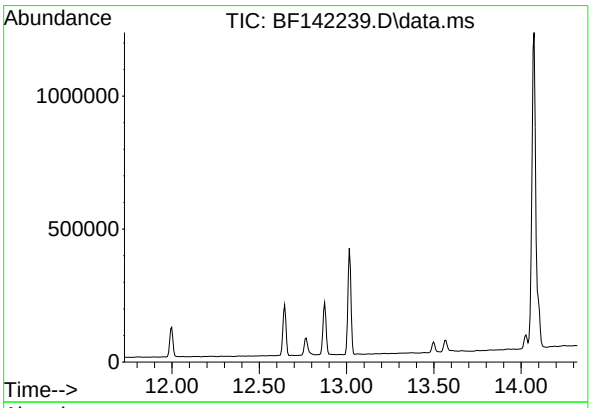
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF142239.D
Acq: 30 Apr 2025 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 525717

Ion	Ratio	Lower	Upper
240	100		
120	11.8	10.1	15.1
236	24.9	20.5	30.7



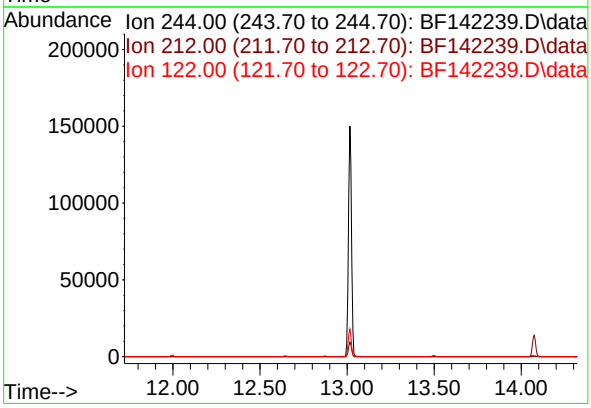


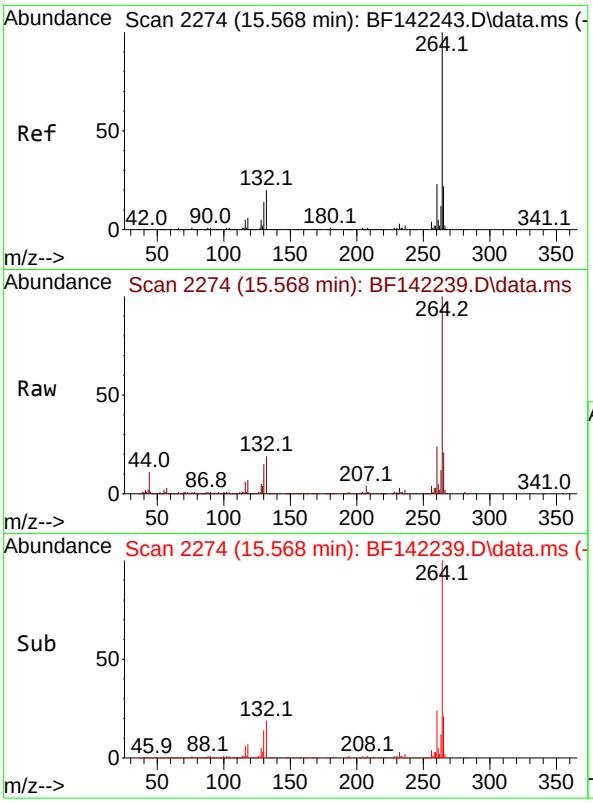
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.02 min

Lab File: BF142239.D
Acq: 30 Apr 2025 11:24

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.6
122	11.4



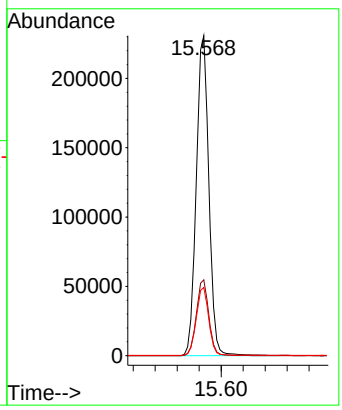


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142239.D
Acq: 30 Apr 2025 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 366865

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	21.3	17.3	25.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142240.D
Acq On : 30 Apr 2025 11:52
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:40:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.910	152	187794	20.000	ng		0.00
21) Naphthalene-d8	8.192	136	726978	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	380022	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	664931	20.000	ng		0.00
76) Chrysene-d12	14.074	240	454911	20.000	ng		0.00
86) Perylene-d12	15.568	264	322126	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	124307	10.571	ng		0.00
7) Phenol-d6	6.510	99	146414	10.311	ng		-0.02
23) Nitrobenzene-d5	7.463	82	78765	7.118	ng		-0.01
42) 2,4,6-Tribromophenol	10.727	330	26375	7.613	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	330323	12.256	ng		0.00
79) Terphenyl-d14	13.016	244	334852	10.706	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	26443	5.035	ng		97
3) Pyridine	3.469	79	68779	5.039	ng		99
4) n-Nitrosodimethylamine	3.393	42	35057	4.963	ng	#	97
6) Aniline	6.563	93	103866	5.168	ng		99
8) 2-Chlorophenol	6.687	128	58780	4.838	ng		99
9) Benzaldehyde	6.457	77	54160	5.457	ng		98
10) Phenol	6.528	94	78823	5.157	ng		96
11) bis(2-Chloroethyl)ether	6.634	93	63148	5.331	ng		99
12) 1,3-Dichlorobenzene	6.845	146	73777	5.367	ng		100
13) 1,4-Dichlorobenzene	6.928	146	75604	5.459	ng		97
14) 1,2-Dichlorobenzene	7.075	146	69920	5.289	ng		99
15) Benzyl Alcohol	7.039	79	49136	4.879	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.181	45	111179	5.198	ng		100
17) 2-Methylphenol	7.145	107	50945	5.118	ng		98
18) Hexachloroethane	7.422	117	21958	4.844	ng		96
19) n-Nitroso-di-n-propyla...	7.310	70	46341	5.281	ng		99
20) 3+4-Methylphenols	7.292	107	63725	5.119	ng		93
22) Acetophenone	7.310	105	92806	5.518	ng		96
24) Nitrobenzene	7.481	77	41660	3.837	ng		94
25) Isophorone	7.722	82	119954	5.165	ng		100
26) 2-Nitrophenol	7.804	139	8775	6.901	ng		99
27) 2,4-Dimethylphenol	7.828	122	57217	4.887	ng		97
28) bis(2-Chloroethoxy)met...	7.934	93	77155	5.268	ng		100
29) 2,4-Dichlorophenol	8.034	162	44643	4.560	ng		98
30) 1,2,4-Trichlorobenzene	8.128	180	58177	5.326	ng		99
31) Naphthalene	8.210	128	200969	5.543	ng		99
33) 4-Chloroaniline	8.251	127	81024	5.367	ng		98
34) Hexachlorobutadiene	8.334	225	32676	5.127	ng		97
35) Caprolactam	8.575	113	12427	4.223	ng		100
36) 4-Chloro-3-methylphenol	8.722	107	47673	4.743	ng		99
37) 2-Methylnaphthalene	8.904	142	123458	5.539	ng		97
38) 1-Methylnaphthalene	8.998	142	127274	5.512	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	58967	5.513	ng		97
41) Hexachlorocyclopentadiene	9.057	237	23228	3.827	ng		98
43) 2,4,6-Trichlorophenol	9.175	196	26171	3.949	ng		98
44) 2,4,5-Trichlorophenol	9.204	196	30587	4.390	ng		95

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142240.D
Acq On : 30 Apr 2025 11:52
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 30 15:40:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.363	154	168456	5.702	ng		98
47) 2-Chloronaphthalene	9.386	162	122469	5.572	ng		98
48) 2-Nitroaniline	9.475	65	11346	6.532	ng		89
49) Acenaphthylene	9.804	152	204157	5.504	ng		99
50) Dimethylphthalate	9.657	163	129376	5.322	ng		100
51) 2,6-Dinitrotoluene	9.716	165	9271	5.846	ng	#	81
52) Acenaphthene	9.975	154	120775	5.577	ng		99
53) 3-Nitroaniline	9.886	138	13576	5.423	ng	#	88
55) Dibenzofuran	10.151	168	183405	5.649	ng		98
57) 2,4-Dinitrotoluene	10.116	165	9928	6.601	ng	#	85
58) Fluorene	10.492	166	141835	5.746	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	23974m	4.154	ng		
60) Diethylphthalate	10.363	149	125748	5.238	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	66676	5.688	ng		98
62) 4-Nitroaniline	10.492	138	13695	5.254	ng	#	76
63) Azobenzene	10.645	77	127873	5.394	ng		99
66) n-Nitrosodiphenylamine	10.598	169	120800	5.317	ng		100
67) 4-Bromophenyl-phenylether	10.975	248	37248	5.030	ng		97
68) Hexachlorobenzene	11.039	284	42558	5.131	ng		98
69) Atrazine	11.122	200	27629	4.614	ng		98
71) Phenanthrene	11.457	178	202460	5.637	ng		98
72) Anthracene	11.504	178	200946	5.472	ng		98
73) Carbazole	11.657	167	186963	5.581	ng		98
74) Di-n-butylphthalate	11.998	149	163860	4.864	ng		99
75) Fluoranthene	12.645	202	202911	5.715	ng		98
77) Benzidine	12.769	184	79877	4.132	ng		98
78) Pyrene	12.874	202	208462	4.968	ng		99
80) Butylbenzylphthalate	13.498	149	24840	5.714	ng		96
81) Benzo(a)anthracene	14.063	228	156840	5.136	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	32503	3.623	ng		94
83) Chrysene	14.098	228	148119	5.328	ng		98
84) Bis(2-ethylhexyl)phtha...	14.063	149	43692	6.006	ng		99
87) Indeno(1,2,3-cd)pyrene	17.068	276	106554	4.516	ng		98
88) Benzo(b)fluoranthene	15.121	252	106072	5.301	ng		100
89) Benzo(k)fluoranthene	15.151	252	97496	5.327	ng		99
90) Benzo(a)pyrene	15.498	252	90284	4.928	ng		99
91) Dibenzo(a,h)anthracene	17.086	278	86557	4.520	ng		100
92) Benzo(g,h,i)perylene	17.521	276	86631	4.500	ng		99

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

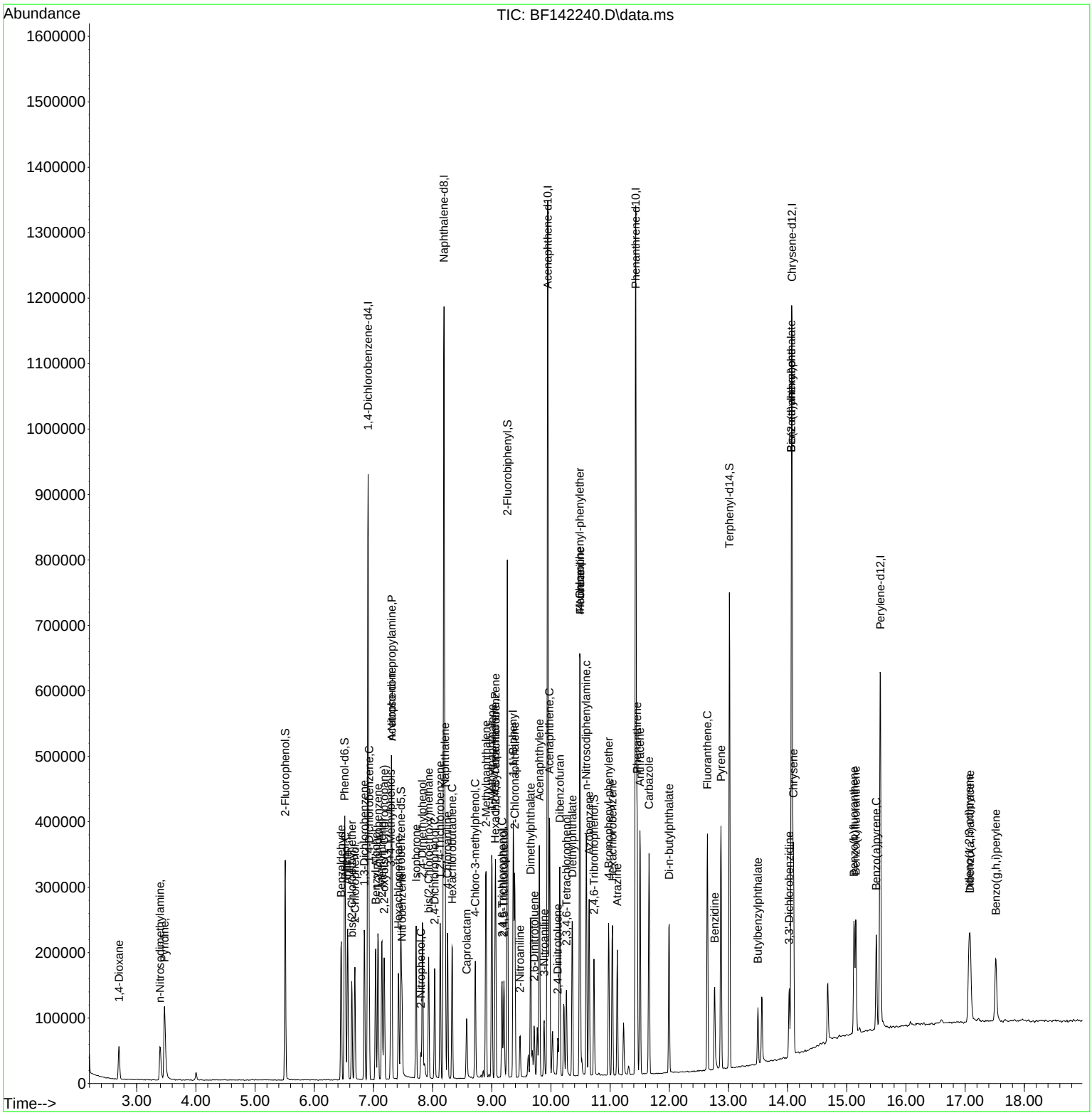
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142240.D
Acq On : 30 Apr 2025 11:52
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

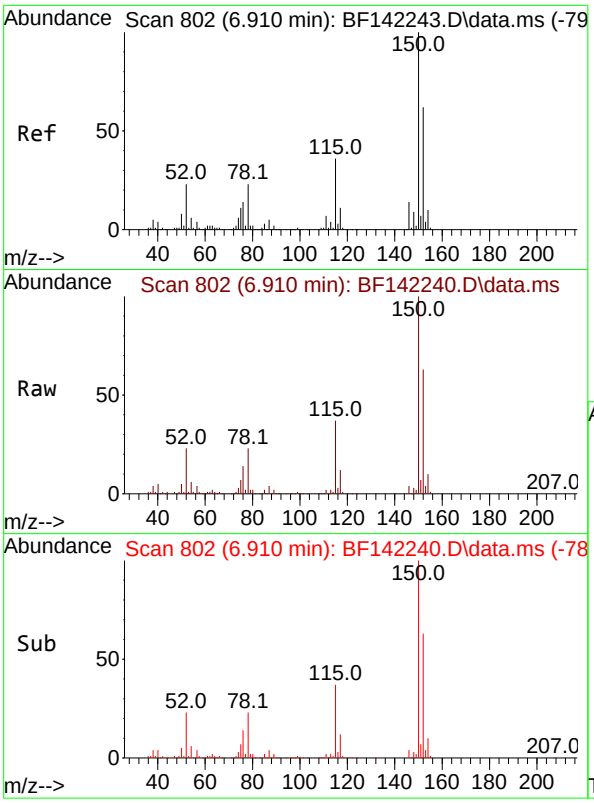
Quant Time: Apr 30 15:40:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

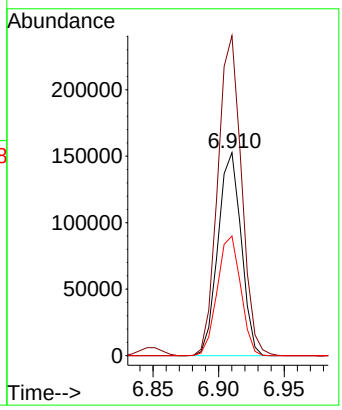




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:152 Resp: 18779

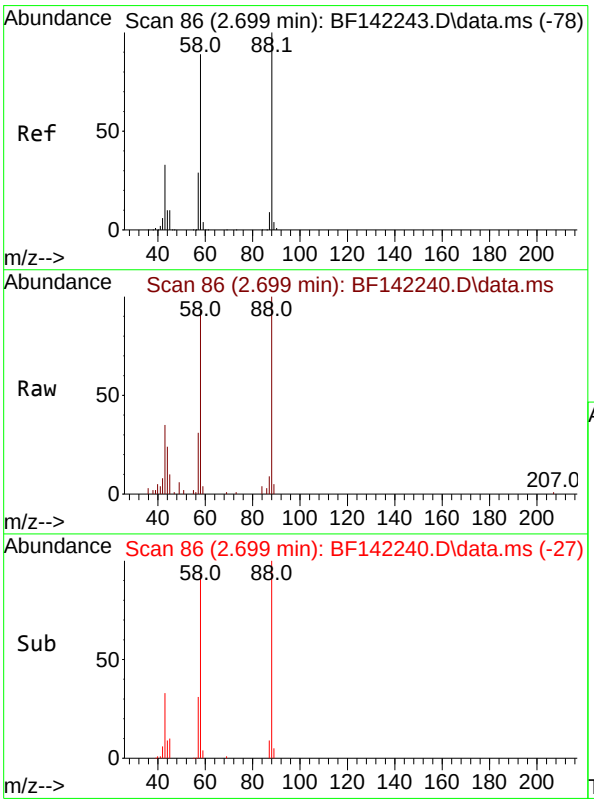
Ion	Ratio	Lower	Upper
152	100		
150	157.6	130.2	195.2
115	58.9	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

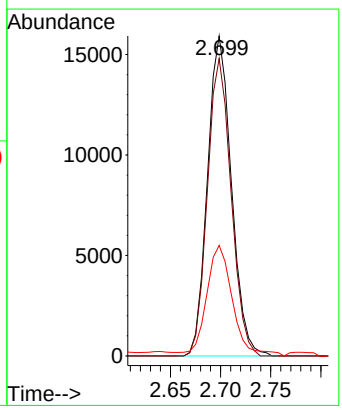
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

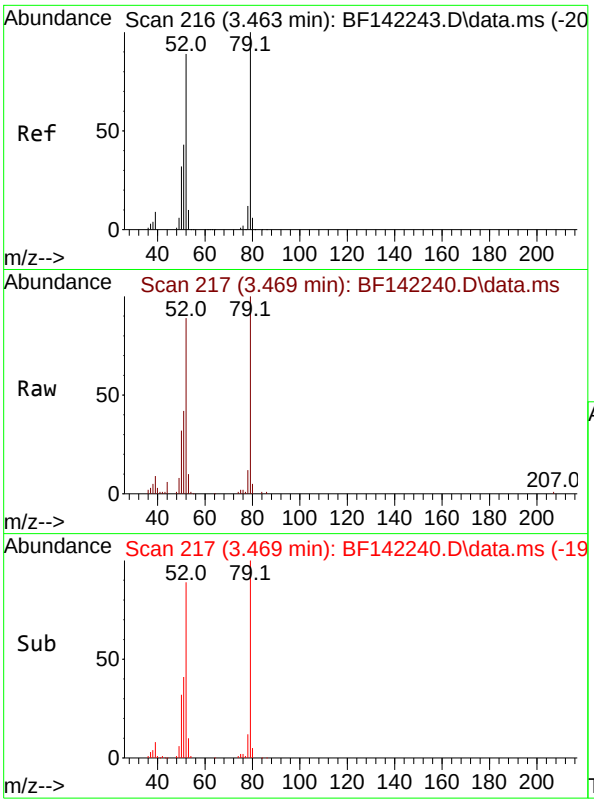


#2
1,4-Dioxane
Concen: 5.035 ng
RT: 2.699 min Scan# 86
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion: 88 Resp: 26443

Ion	Ratio	Lower	Upper
88	100		
58	91.8	72.2	108.2
43	37.4	27.0	40.6

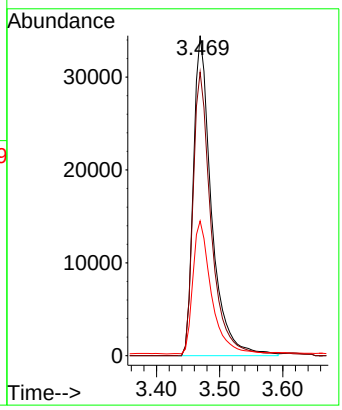




#3
Pyridine
Concen: 5.039 ng
RT: 3.469 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion: 79 Resp: 6877

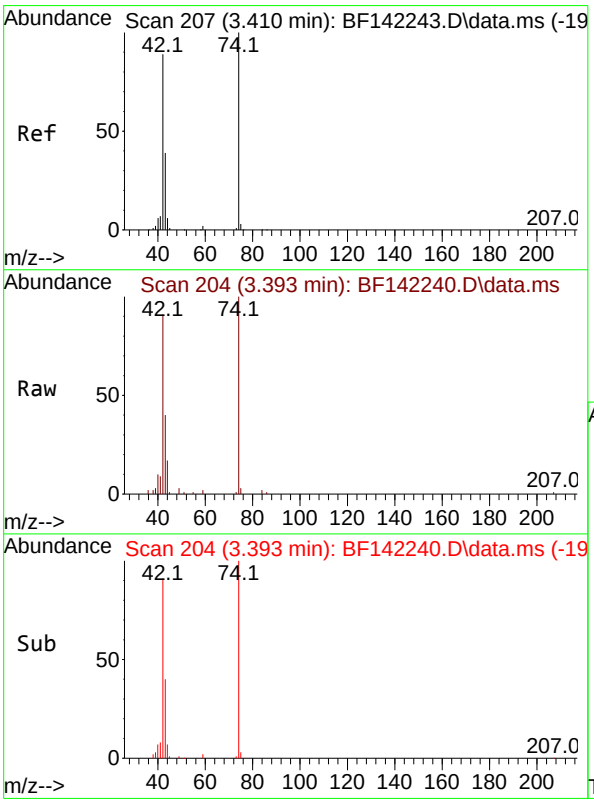
Ion	Ratio	Lower	Upper
79	100		
52	88.7	71.5	107.3
51	42.1	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

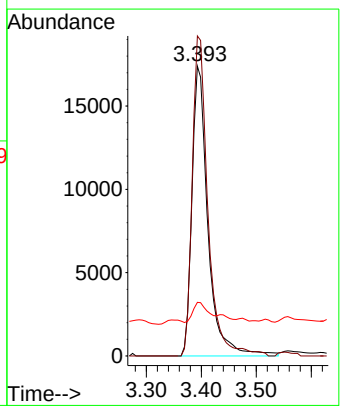
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

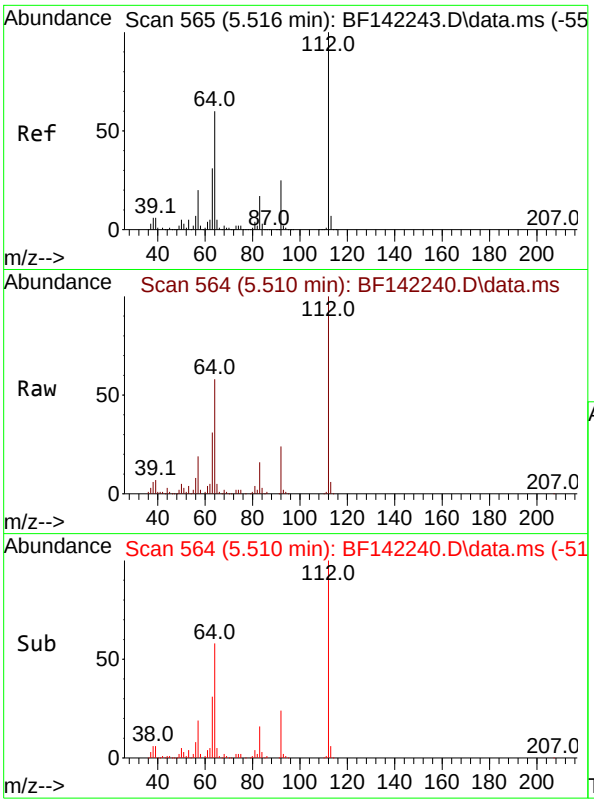


#4
n-Nitrosodimethylamine
Concen: 4.963 ng
RT: 3.393 min Scan# 204
Delta R.T. -0.018 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion: 42 Resp: 35057

Ion	Ratio	Lower	Upper
42	100		
74	110.4	89.5	134.3
44	18.5	6.6	9.8#

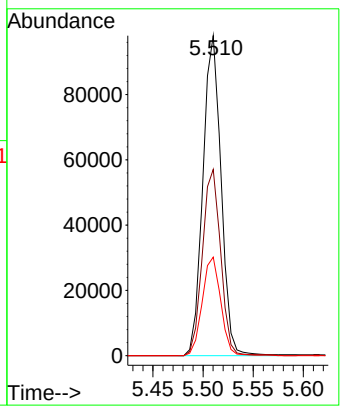




#5
2-Fluorophenol
Concen: 10.571 ng
RT: 5.510 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:112 Resp: 12430

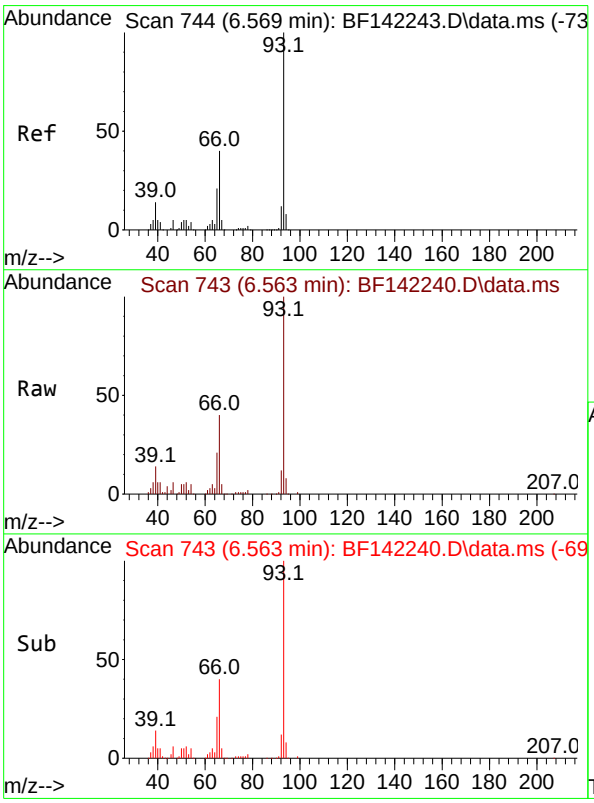
Ion	Ratio	Lower	Upper
112	100		
64	58.2	48.4	72.6
63	30.8	24.8	37.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

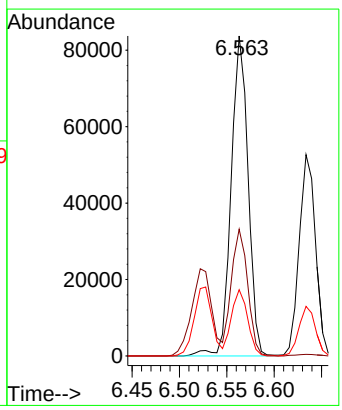
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

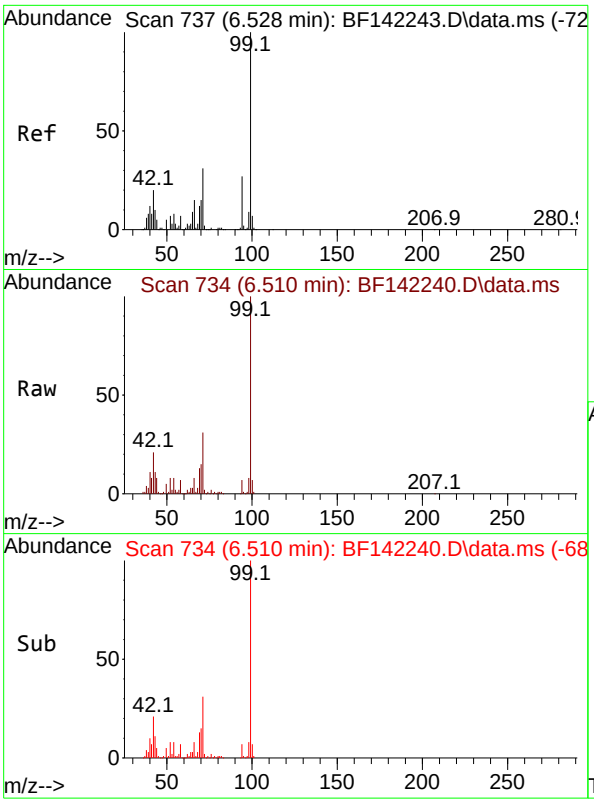


#6
Aniline
Concen: 5.168 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion: 93 Resp: 103866

Ion	Ratio	Lower	Upper
93	100		
66	39.6	32.1	48.1
65	20.7	16.6	24.8

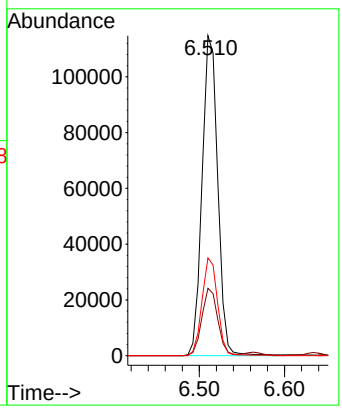




#7
Phenol-d6
Concen: 10.311 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion: 99 Resp: 14641

Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.3	24.5
71	30.6	25.0	37.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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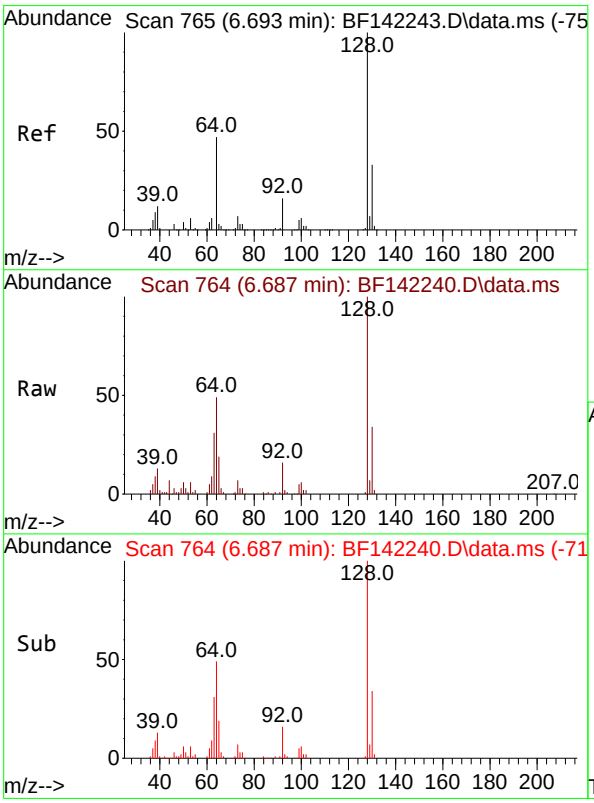
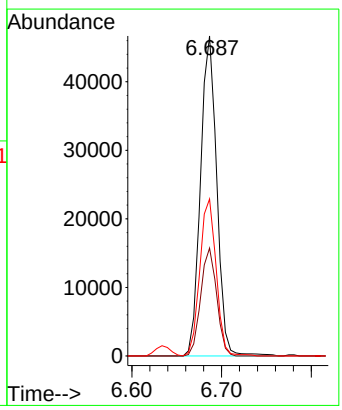
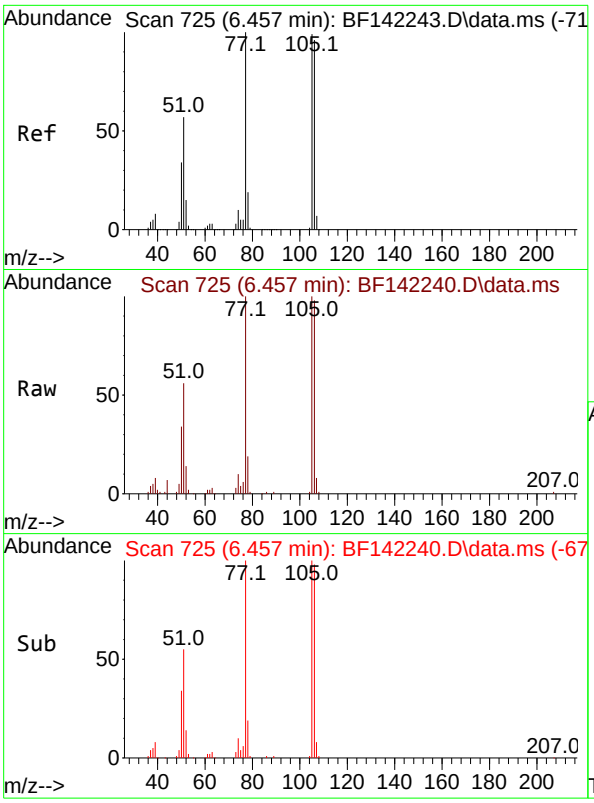


#8
2-Chlorophenol
Concen: 4.838 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:128 Resp: 58780

Ion	Ratio	Lower	Upper
128	100		
130	33.7	13.1	53.1
64	49.0	28.6	68.6

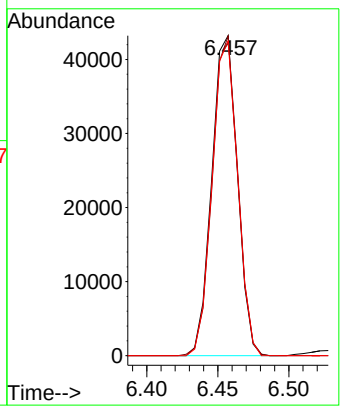




#9
Benzaldehyde
Concen: 5.457 ng
RT: 6.457 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion: 77 Resp: 5416

Ion	Ratio	Lower	Upper
77	100		
105	99.9	79.1	119.1
106	98.3	76.0	116.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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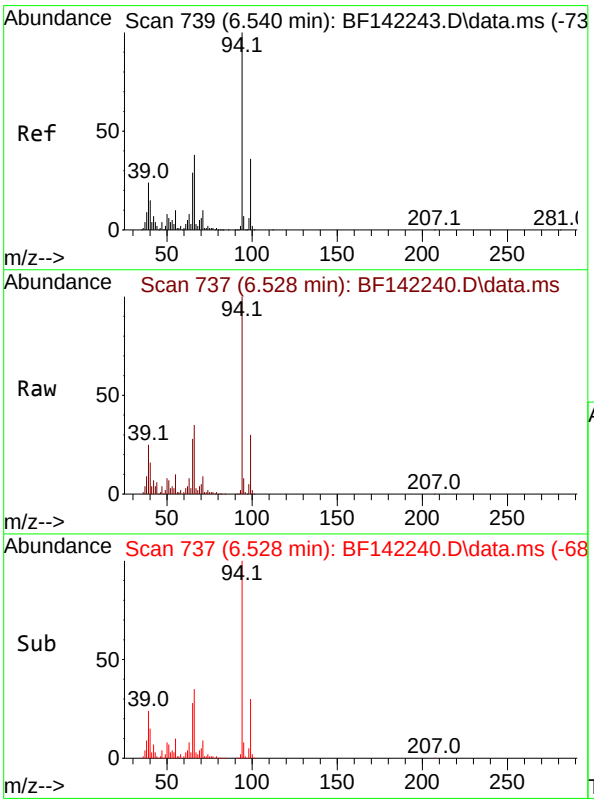
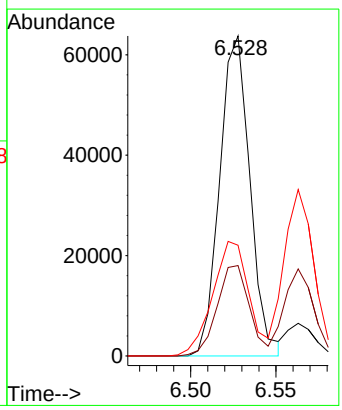
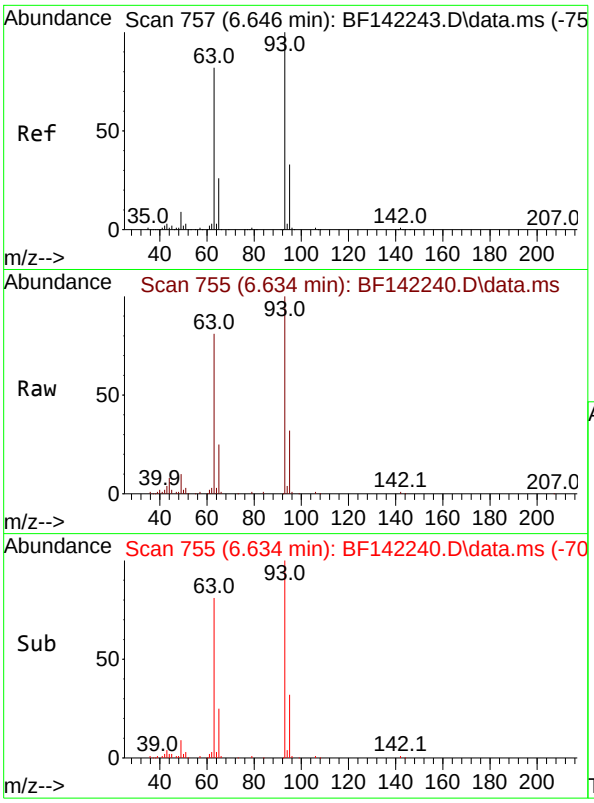


#10
Phenol
Concen: 5.157 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.012 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion: 94 Resp: 78823

Ion	Ratio	Lower	Upper
94	100		
65	28.3	8.9	48.9
66	34.6	18.7	58.7

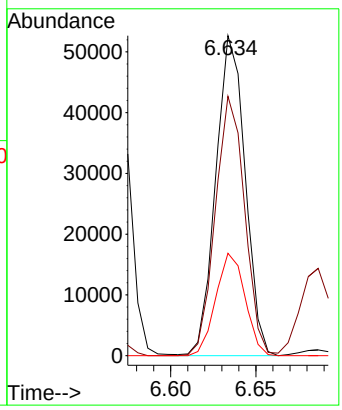




#11
bis(2-Chloroethyl)ether
Concen: 5.331 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion: 93 Resp: 6314

Ion	Ratio	Lower	Upper
93	100		
63	81.0	62.2	102.2
95	32.0	12.7	52.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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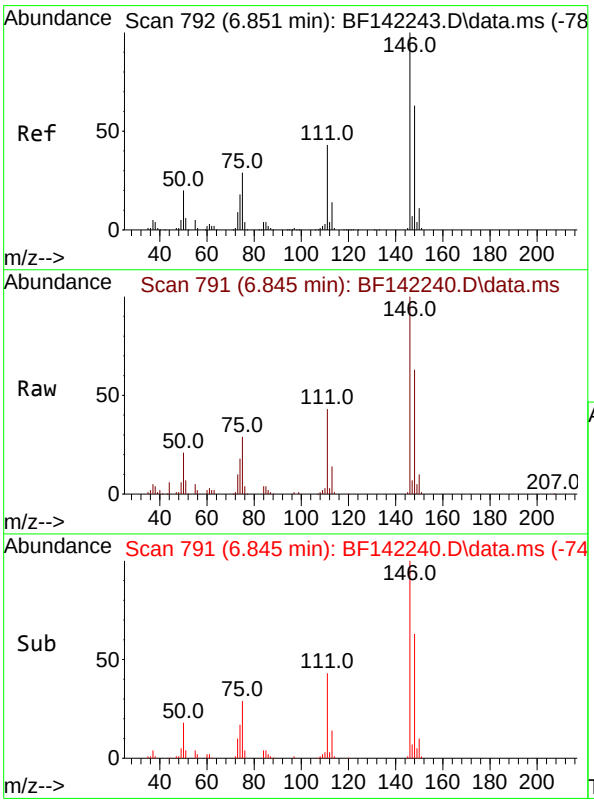
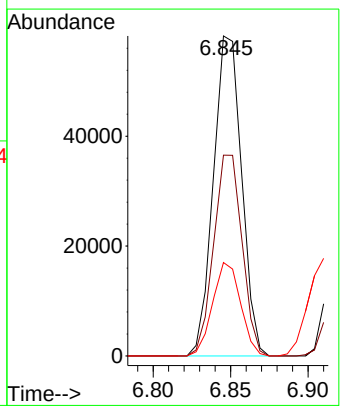
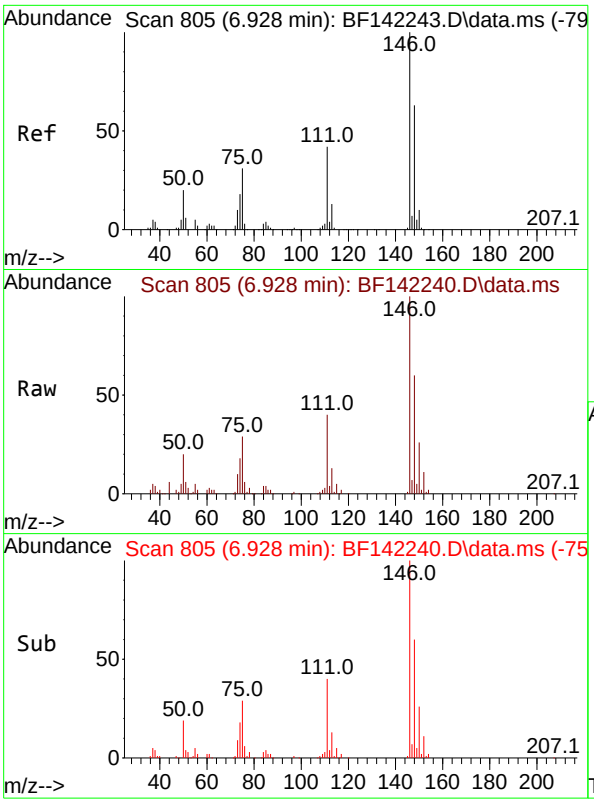


#12
1,3-Dichlorobenzene
Concen: 5.367 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:146 Resp: 73777

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.5	75.7
75	29.2	23.2	34.8

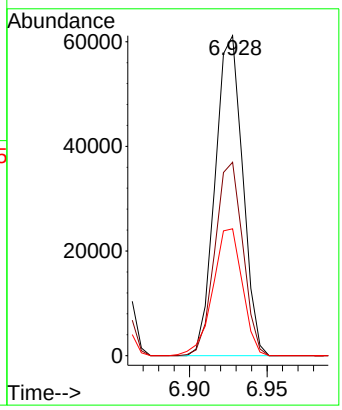




#13
1,4-Dichlorobenzene
Concen: 5.459 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:146 Resp: 7560

Ion	Ratio	Lower	Upper
146	100		
148	60.5	50.6	76.0
111	39.6	33.4	50.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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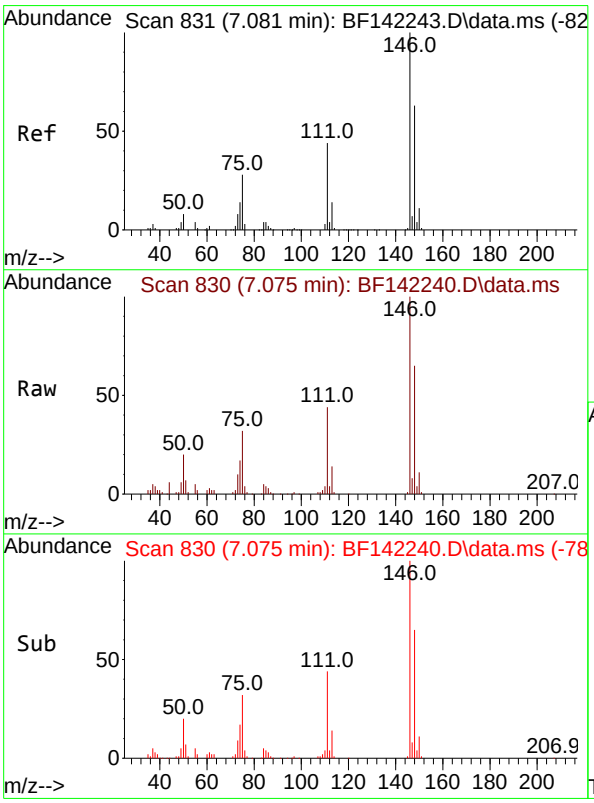
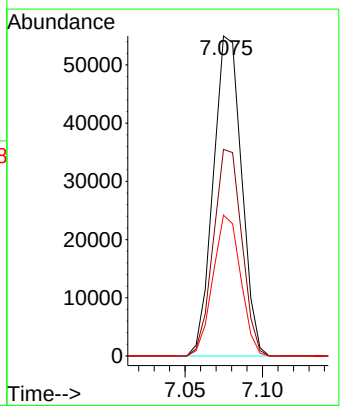
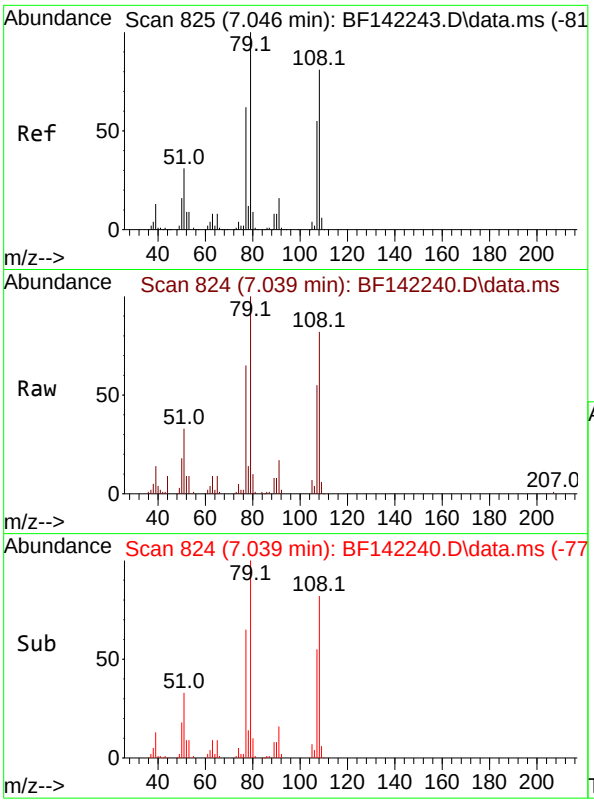


#14
1,2-Dichlorobenzene
Concen: 5.289 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:146 Resp: 69920

Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.5	75.7
111	44.0	34.9	52.3

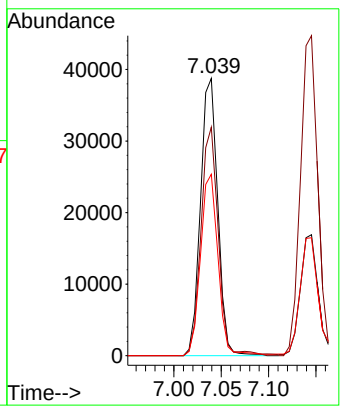




#15
Benzyl Alcohol
Concen: 4.879 ng
RT: 7.039 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion: 79 Resp: 4913

Ion	Ratio	Lower	Upper
79	100		
108	82.4	64.5	96.7
77	65.4	49.2	73.8



Instrument :
BNA_F
ClientSampleId :
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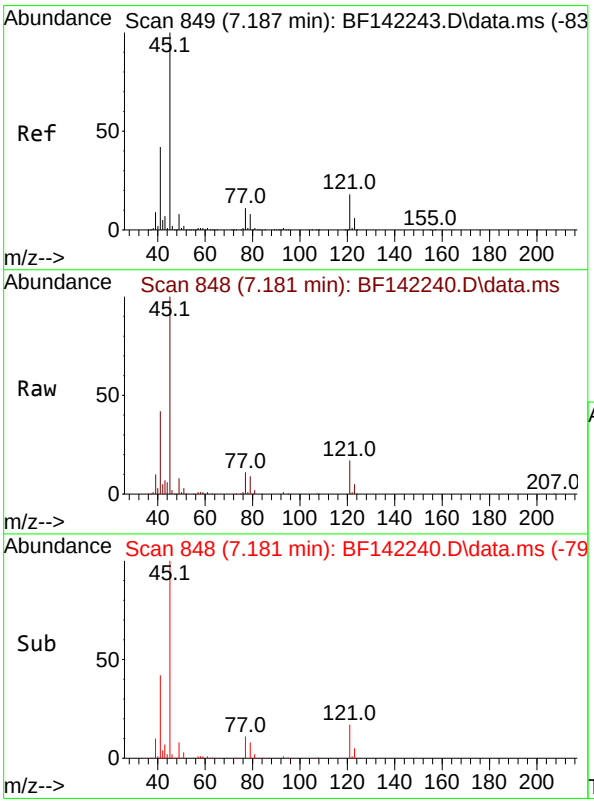
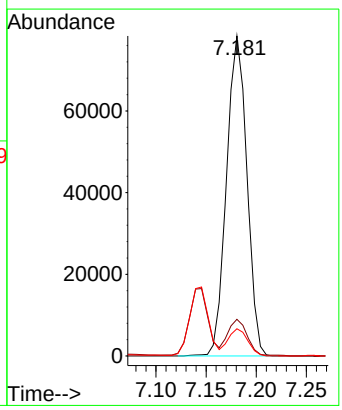
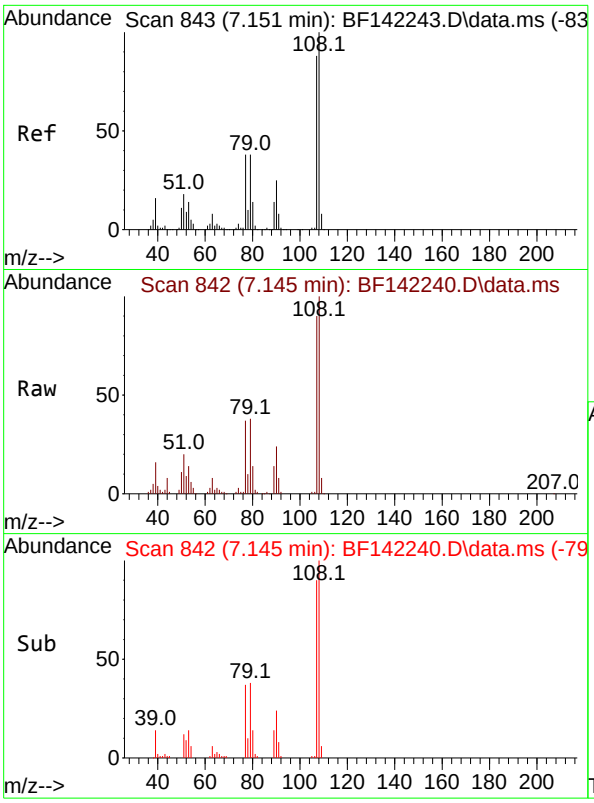


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.198 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion: 45 Resp: 111179

Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	31.3
79	8.5	0.0	28.5

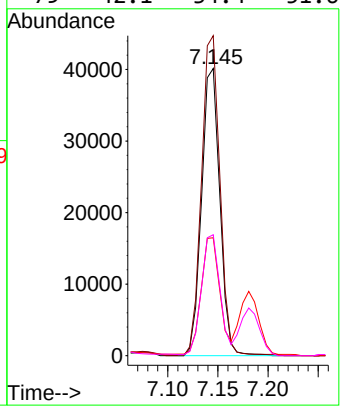




#17
2-Methylphenol
Concen: 5.118 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:107 Resp: 5094

Ion	Ratio	Lower	Upper
107	100		
108	111.4	91.0	136.4
77	41.1	34.4	51.6
79	42.1	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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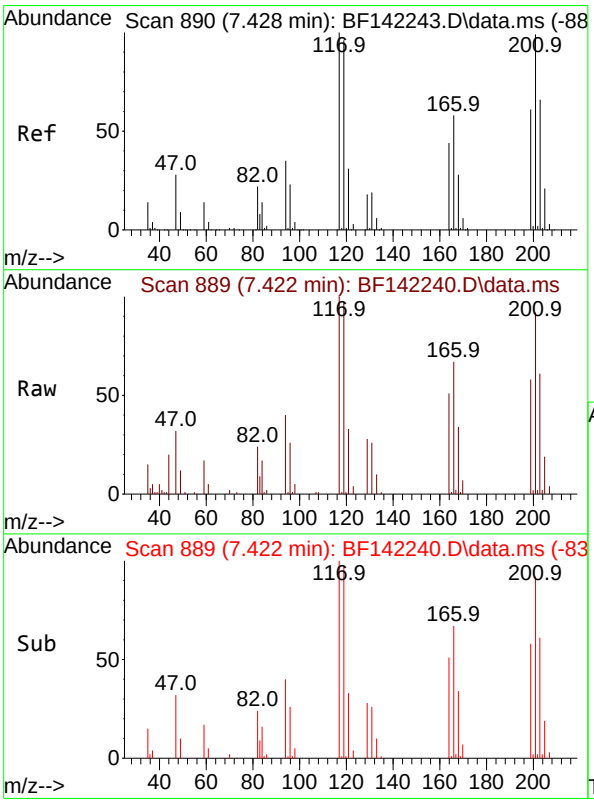
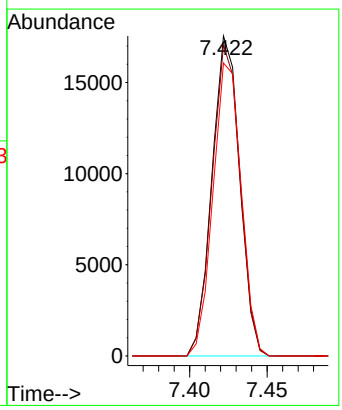
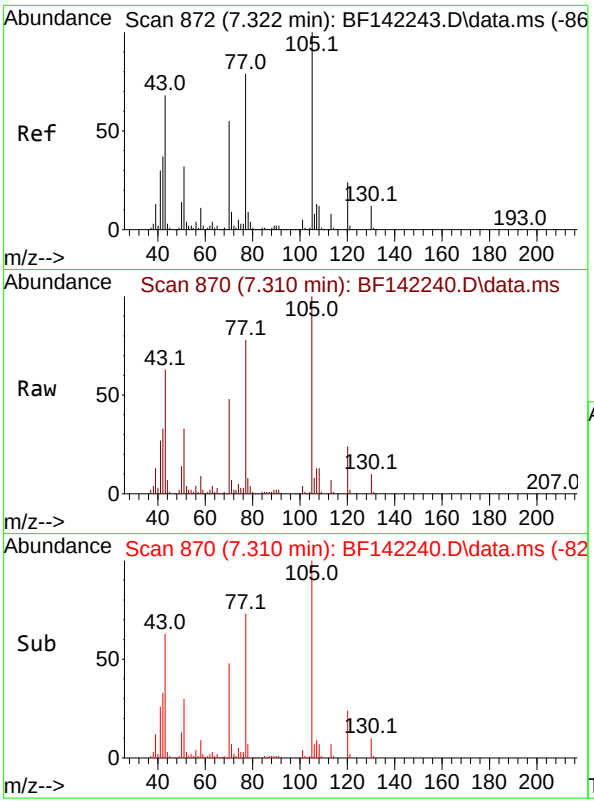


#18
Hexachloroethane
Concen: 4.844 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:117 Resp: 21958

Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.1	115.7
201	91.6	79.4	119.2

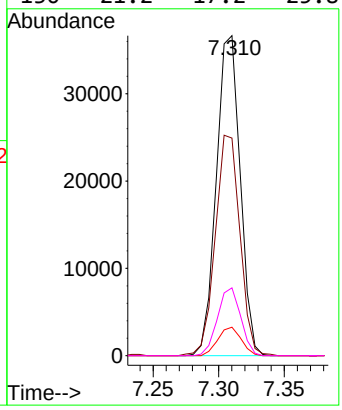




#19
n-Nitroso-di-n-propylamine
Concen: 5.281 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion: 70 Resp: 4634

Ion	Ratio	Lower	Upper
70	100		
42	68.0	53.4	80.2
101	8.9	7.7	11.5
130	21.2	17.2	25.8



Instrument :
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ClientSampleId :
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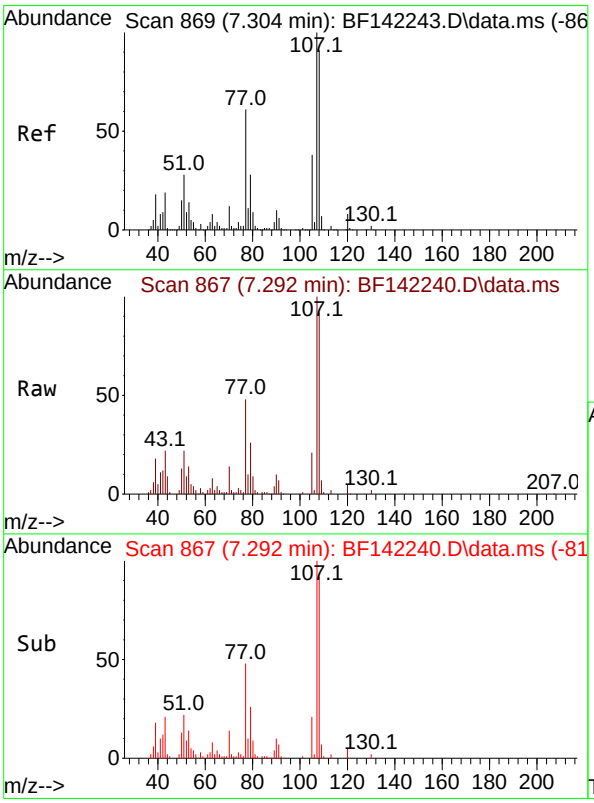
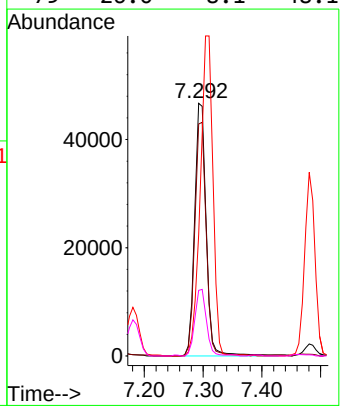
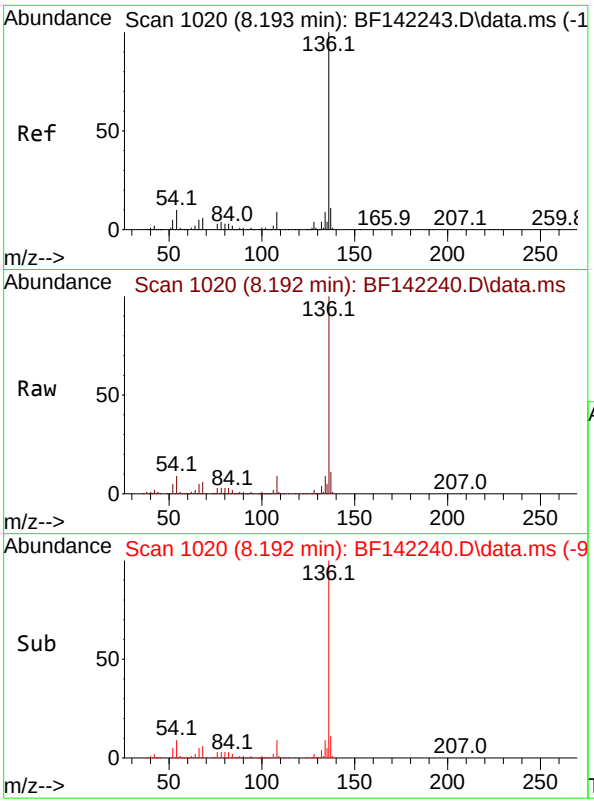


#20
3+4-Methylphenols
Concen: 5.119 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:107 Resp: 63725

Ion	Ratio	Lower	Upper
107	100		
108	91.8	71.2	111.2
77	48.0	41.1	81.1
79	26.0	8.1	48.1

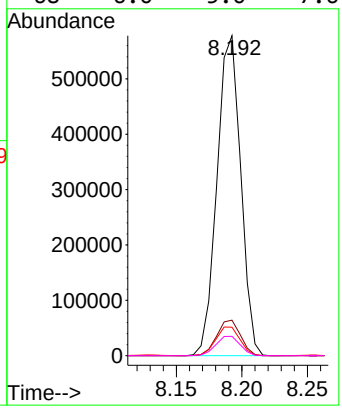




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1
Delta R.T. -0.001 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:136 Resp: 72697

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.9	7.7	11.5
68	6.0	5.0	7.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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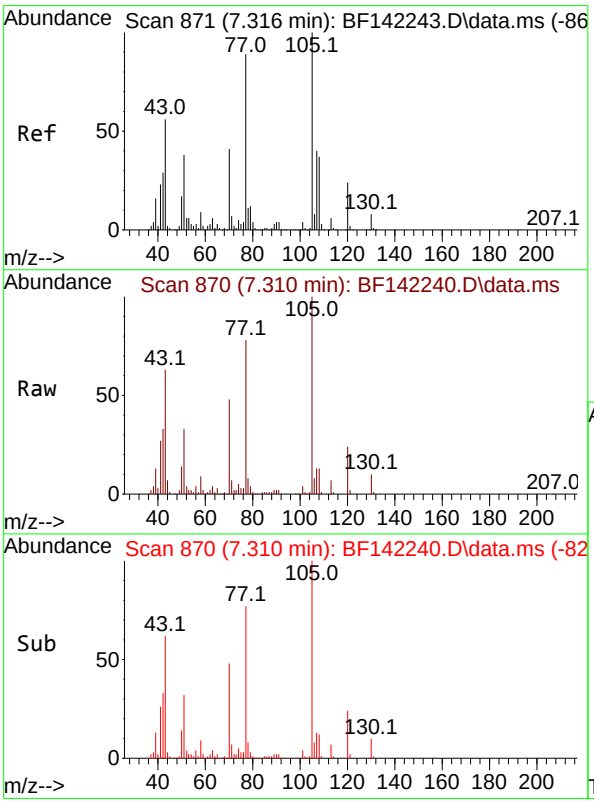
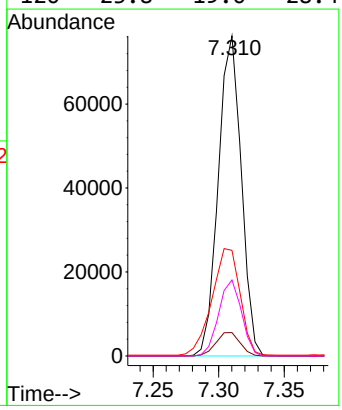
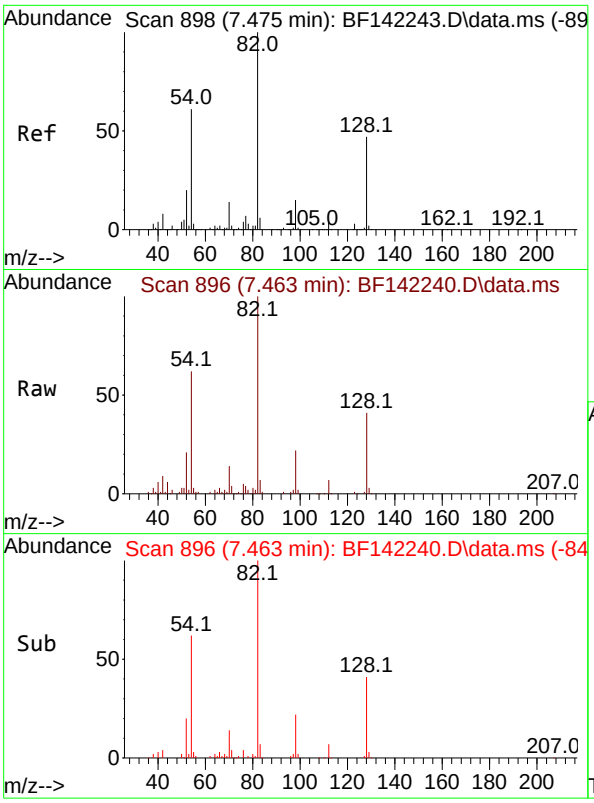


#22
Acetophenone
Concen: 5.518 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:105 Resp: 92806

Ion	Ratio	Lower	Upper
105	100		
71	7.3	5.7	8.5
51	33.0	30.1	45.1
120	23.8	19.0	28.4





#23
Nitrobenzene-d5
Concen: 7.118 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion: 82 Resp: 7876

Ion	Ratio	Lower	Upper
82	100		
128	40.7	37.0	55.6
54	62.4	48.0	72.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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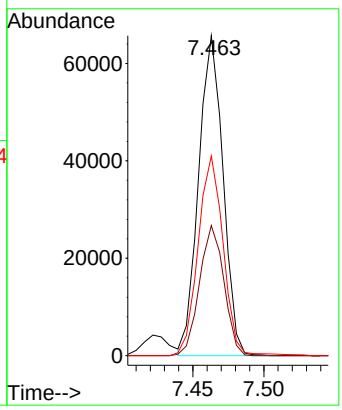
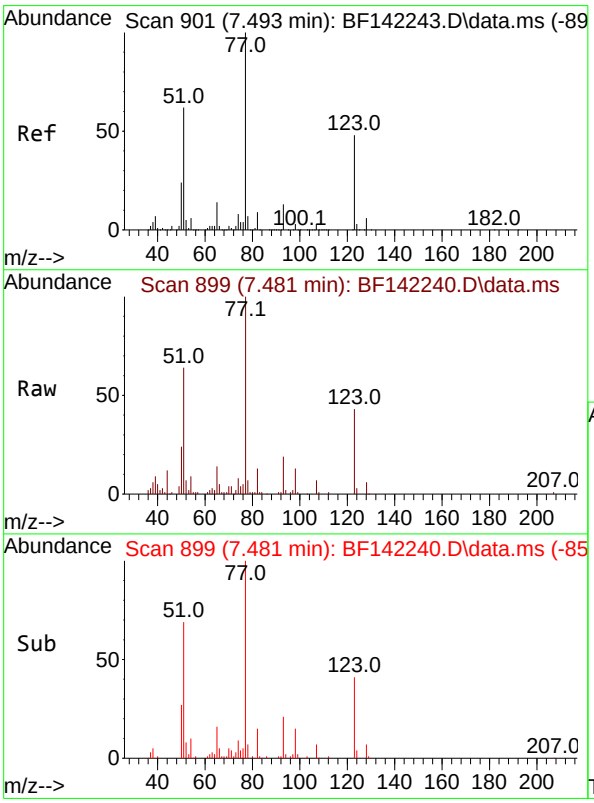
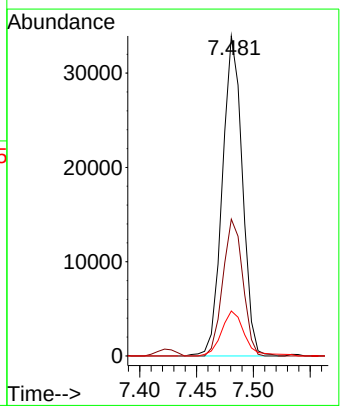


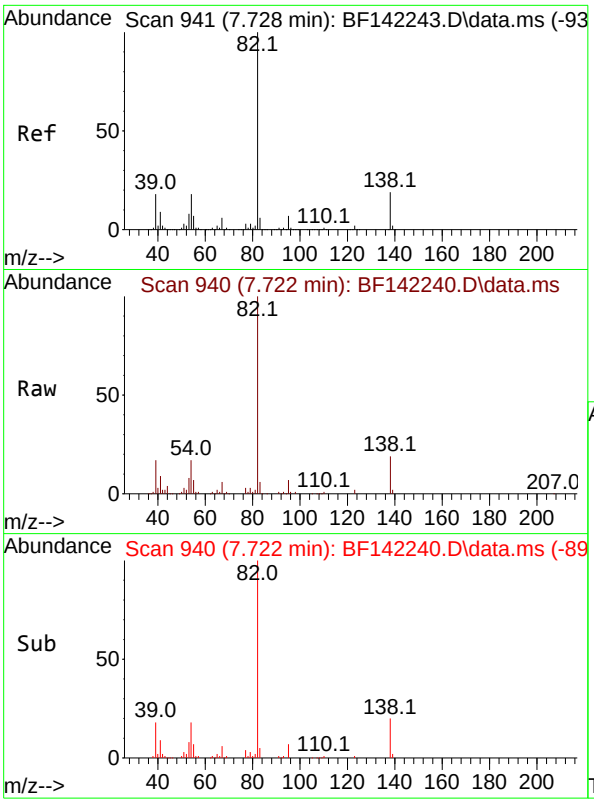


#24
Nitrobenzene
Concen: 3.837 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion: 77 Resp: 41660

Ion	Ratio	Lower	Upper
77	100		
123	42.7	38.6	58.0
65	14.1	11.5	17.3

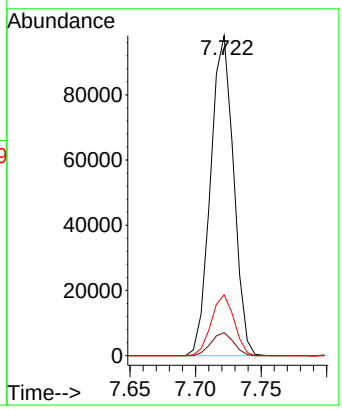




#25
Isophorone
Concen: 5.165 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion: 82 Resp: 11995

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	19.0	15.3	22.9



Instrument :
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ClientSampleId :
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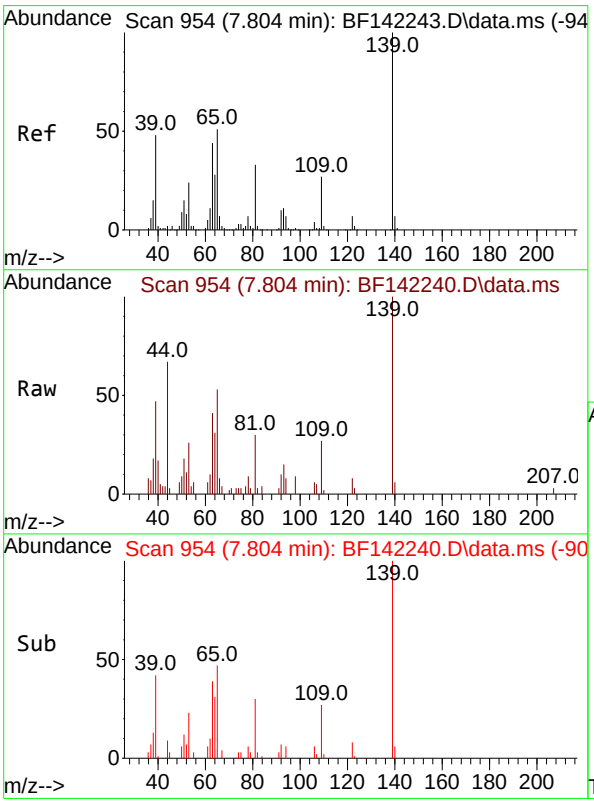
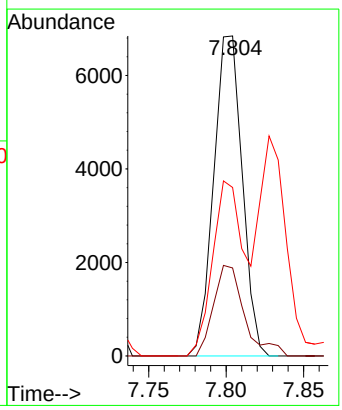
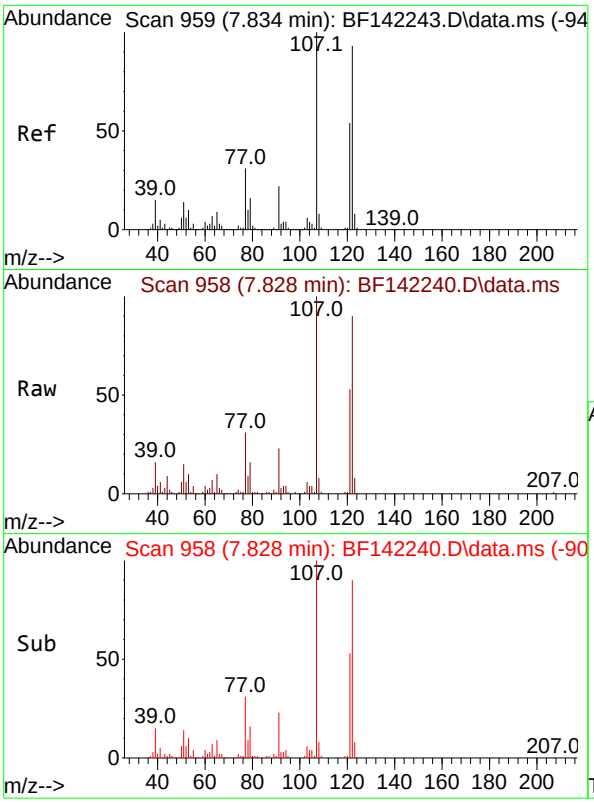


#26
2-Nitrophenol
Concen: 6.901 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:139 Resp: 8775

Ion	Ratio	Lower	Upper
139	100		
109	27.5	21.8	32.8
65	52.6	41.1	61.7

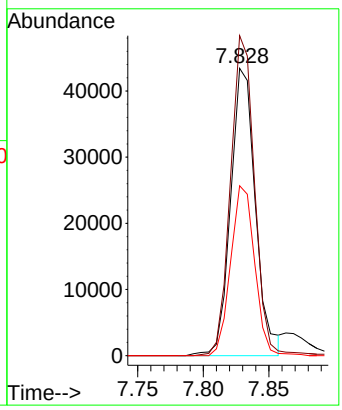




#27
2,4-Dimethylphenol
Concen: 4.887 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:122 Resp: 5721

Ion	Ratio	Lower	Upper
122	100		
107	111.3	86.0	129.0
121	59.1	46.3	69.5



Instrument :
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ClientSampleId :
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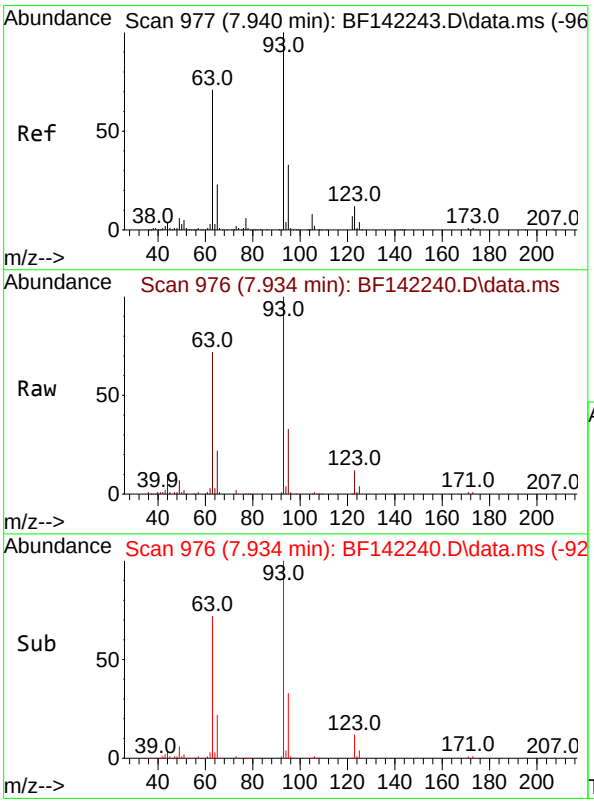
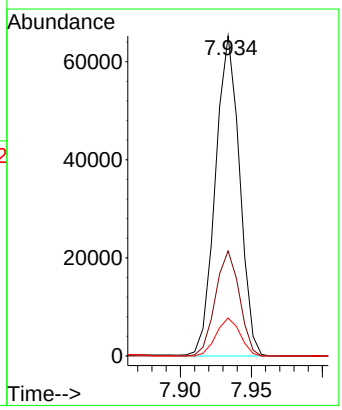
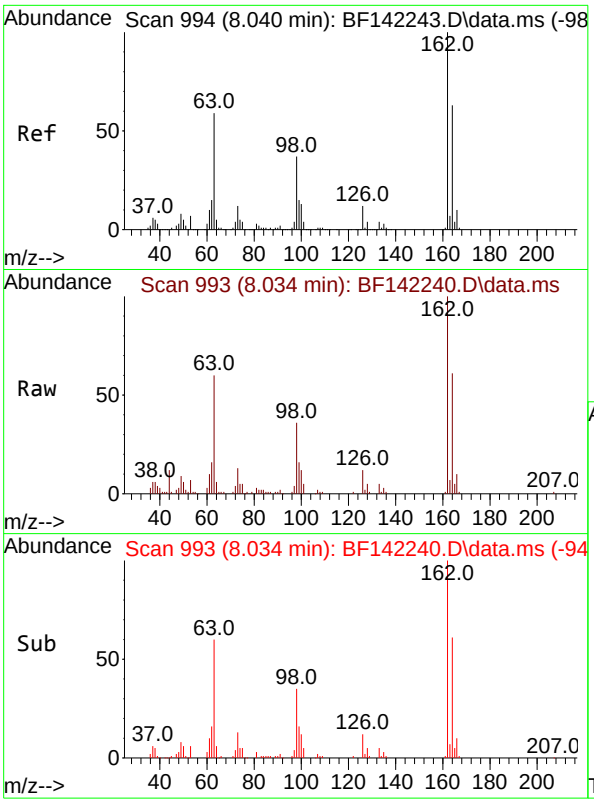


#28
bis(2-Chloroethoxy)methane
Concen: 5.268 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion: 93 Resp: 77155

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.2
123	11.8	9.7	14.5

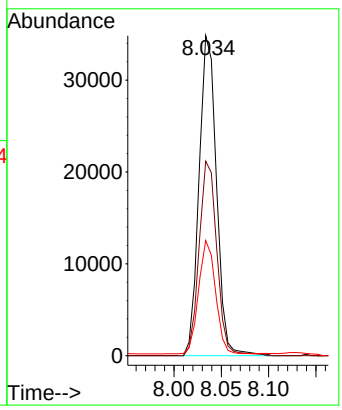




#29
2,4-Dichlorophenol
Concen: 4.560 ng
RT: 8.034 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:162 Resp: 4464

Ion	Ratio	Lower	Upper
162	100		
164	60.8	43.0	83.0
98	36.0	16.7	56.7



Instrument :
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ClientSampleId :
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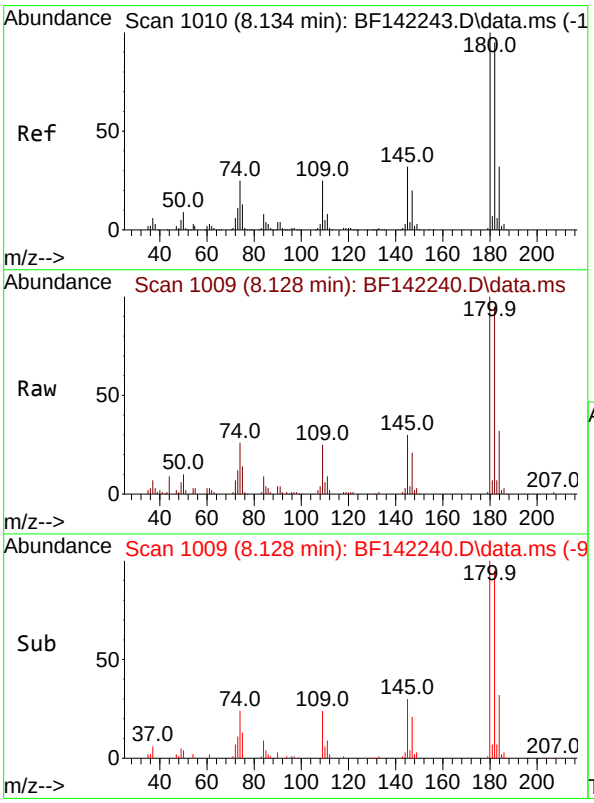
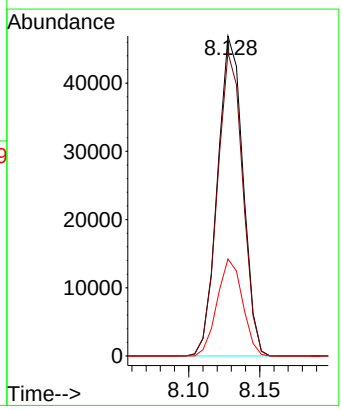
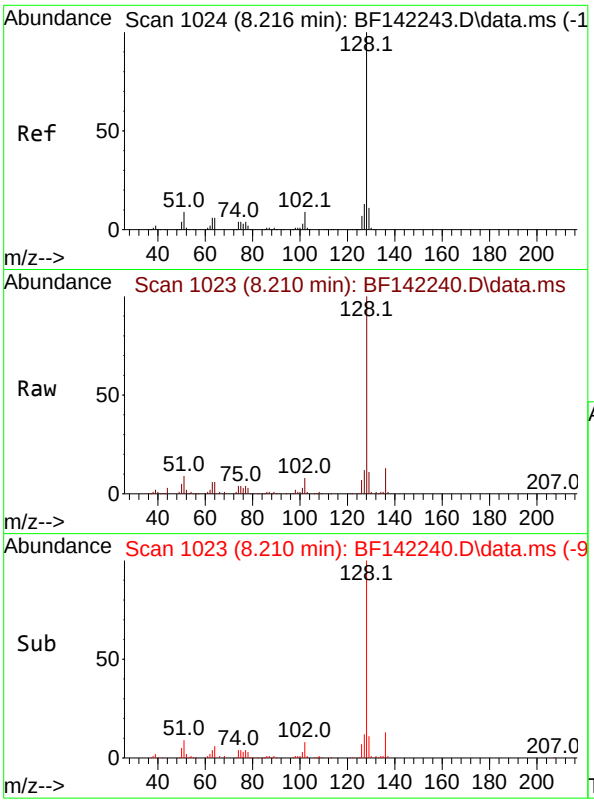


#30
1,2,4-Trichlorobenzene
Concen: 5.326 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:180 Resp: 58177

Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.7	113.5
145	30.3	25.4	38.0

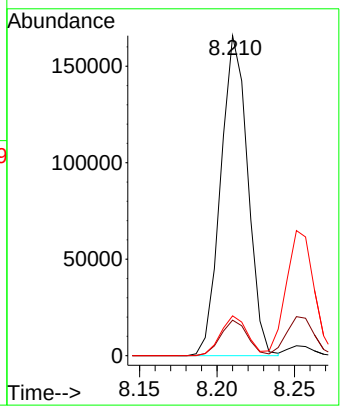




#31
Naphthalene
Concen: 5.543 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:128 Resp: 20096

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	12.4	10.6	15.8



Instrument :
BNA_F
ClientSampleId :
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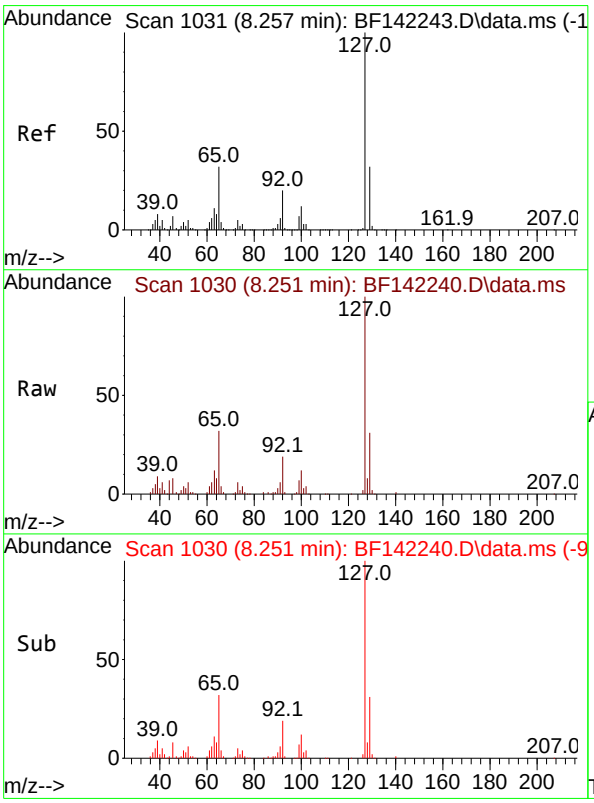
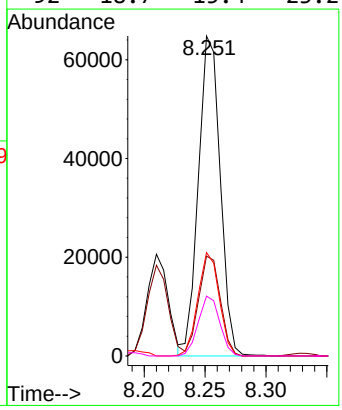
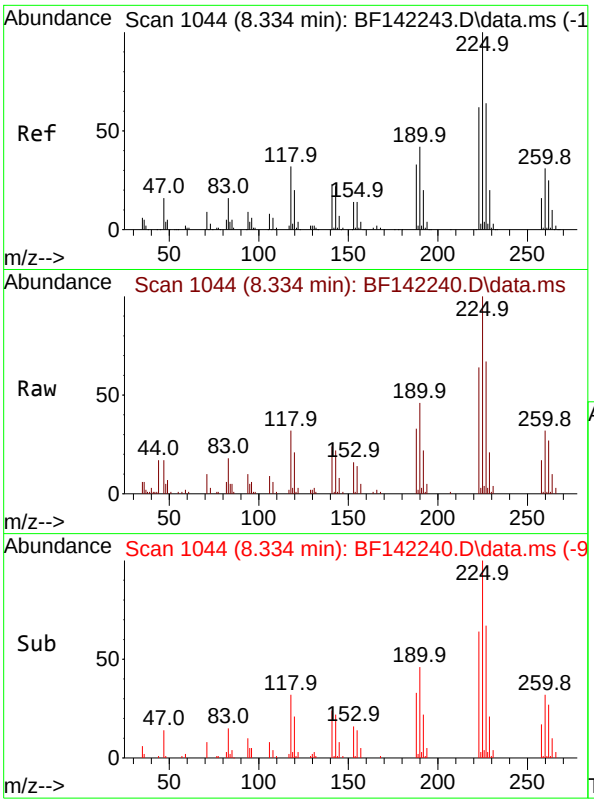


#33
4-Chloroaniline
Concen: 5.367 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:127 Resp: 81024

Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.1	39.1
65	32.3	25.5	38.3
92	18.7	15.4	23.2

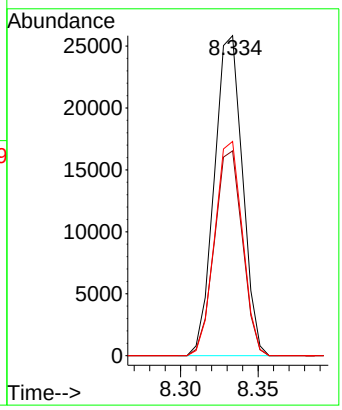




#34
Hexachlorobutadiene
Concen: 5.127 ng
RT: 8.334 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:225 Resp: 3267

Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.7	74.5
227	67.0	51.0	76.4



Instrument :
BNA_F
ClientSampleId :
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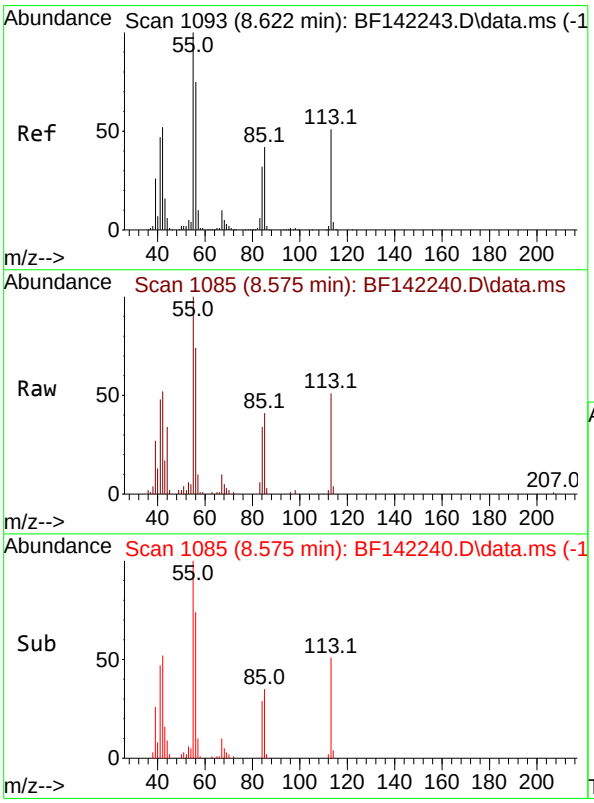
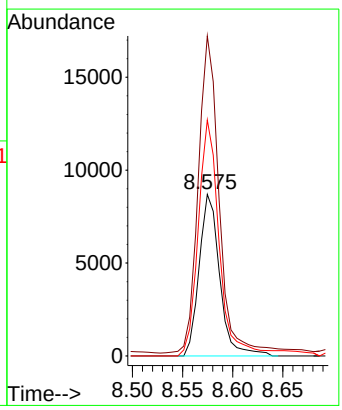
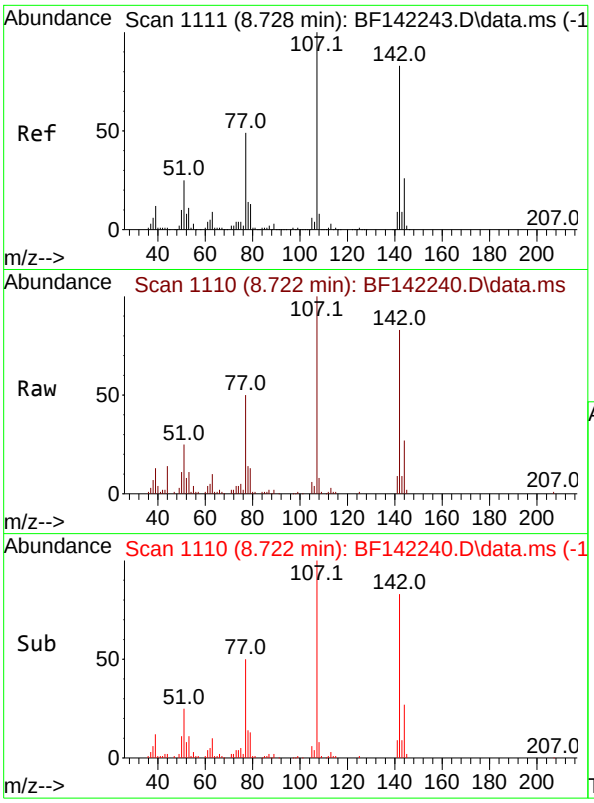


#35
Caprolactam
Concen: 4.223 ng
RT: 8.575 min Scan# 1085
Delta R.T. -0.047 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:113 Resp: 12427

Ion	Ratio	Lower	Upper
113	100		
55	197.9	177.7	217.7
56	146.0	127.1	167.1

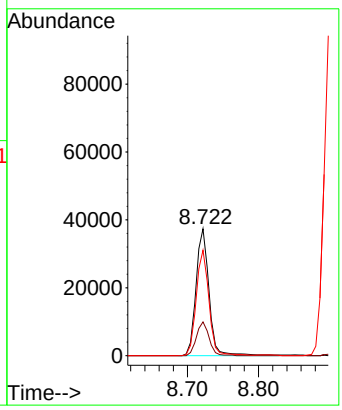




#36
4-Chloro-3-methylphenol
Concen: 4.743 ng
RT: 8.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:107 Resp: 4767

Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.0	31.4
142	83.1	66.1	99.1



Instrument :
BNA_F
ClientSampleId :
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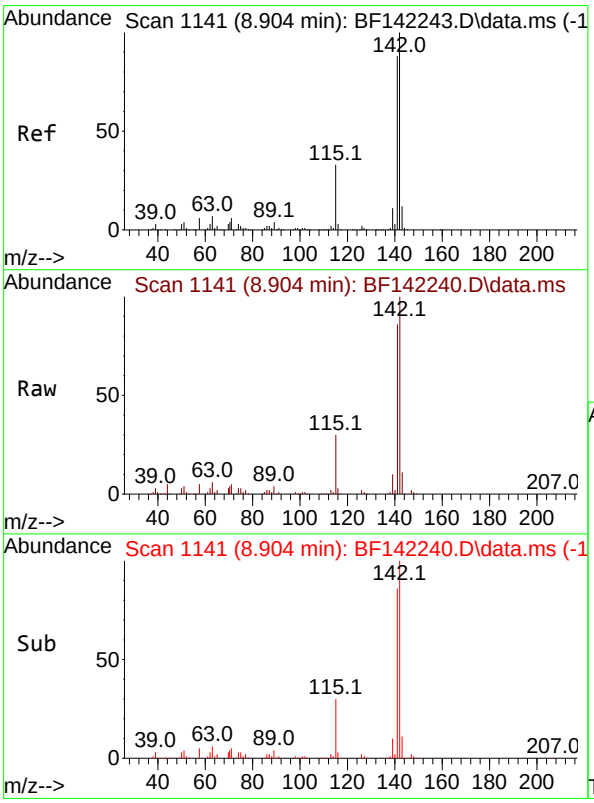
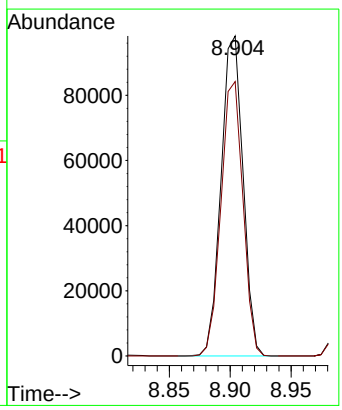
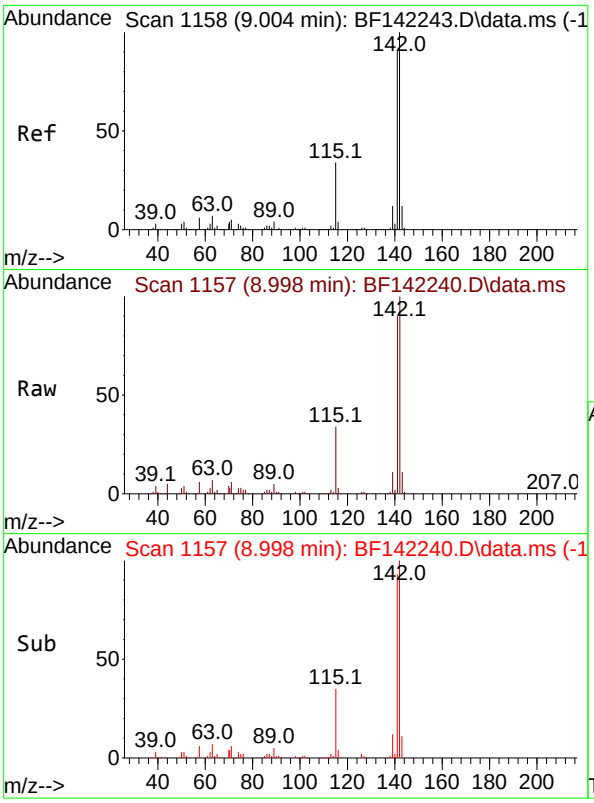


#37
2-Methylnaphthalene
Concen: 5.539 ng
RT: 8.904 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:142 Resp: 123458

Ion	Ratio	Lower	Upper
142	100		
141	85.8	70.5	105.7





#38
1-Methylnaphthalene
Concen: 5.512 ng
RT: 8.998 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:142 Resp: 12727

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.8	109.2

Instrument :
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ClientSampleId :
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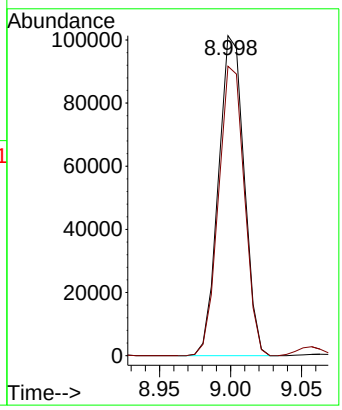
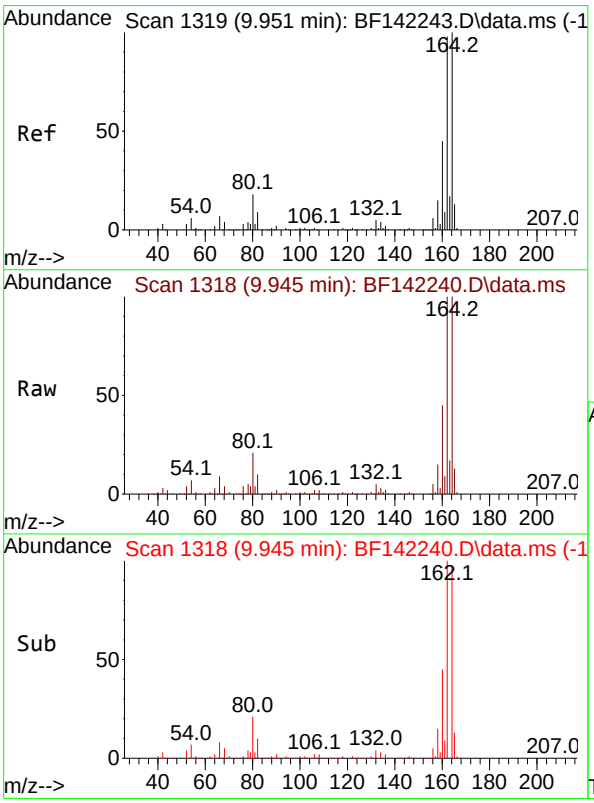
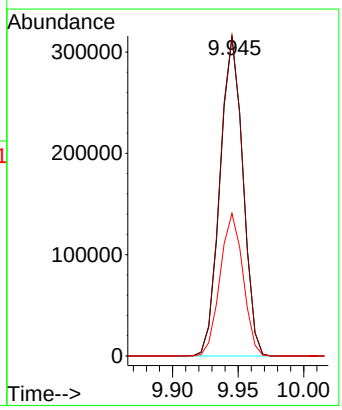


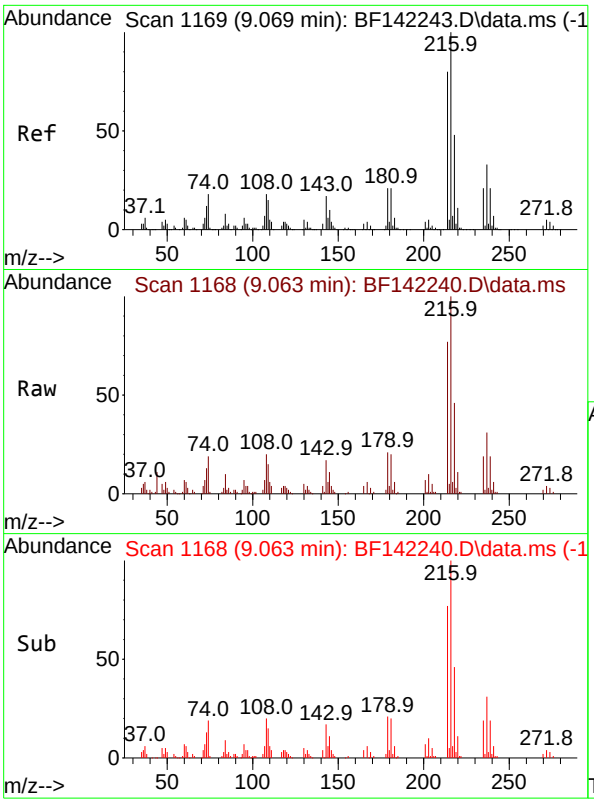


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:164 Resp: 380022

Ion	Ratio	Lower	Upper
164	100		
162	100.5	78.6	117.8
160	44.8	35.7	53.5

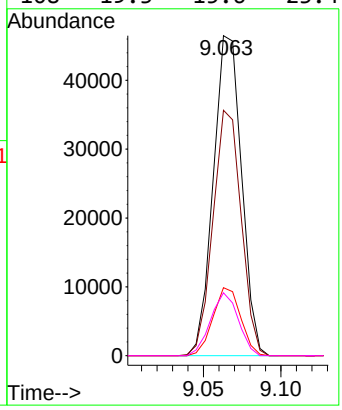




#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.513 ng
RT: 9.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:216 Resp: 5896

Ion	Ratio	Lower	Upper
216	100		
214	76.4	63.8	95.6
179	20.8	16.7	25.1
108	19.3	15.6	23.4



Instrument :
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ClientSampleId :
SSTDICC005

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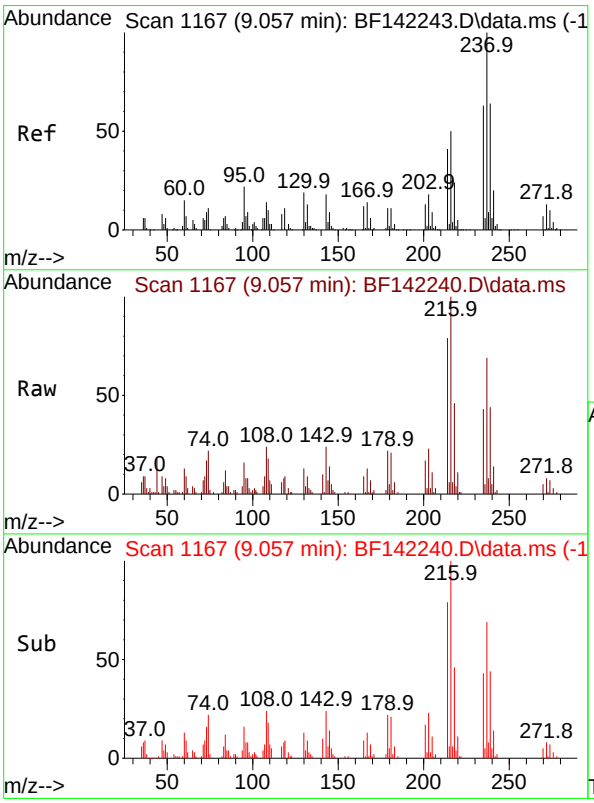
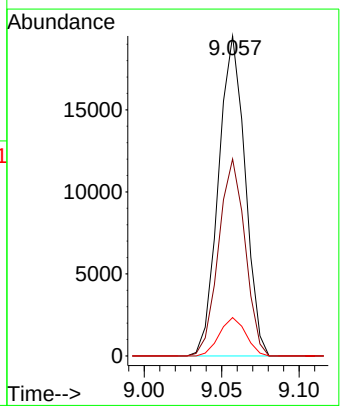
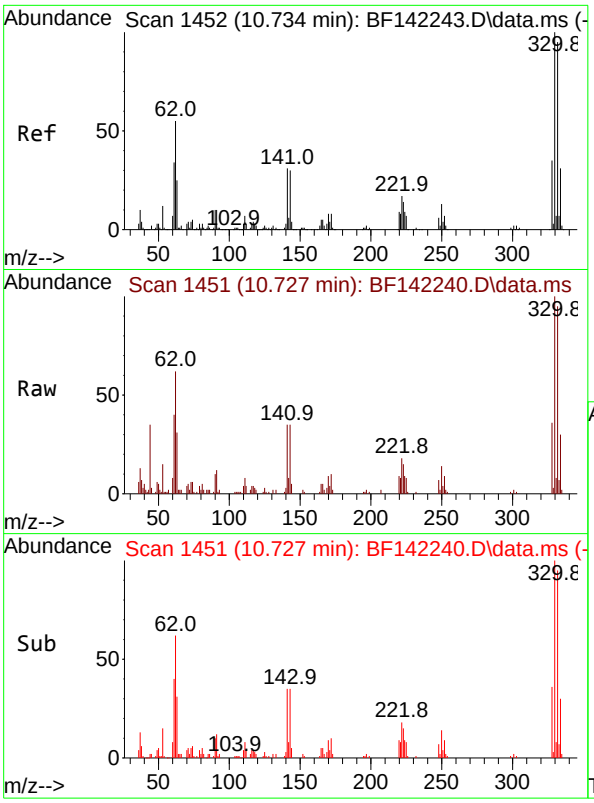


#41
Hexachlorocyclopentadiene
Concen: 3.827 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:237 Resp: 23228

Ion	Ratio	Lower	Upper
237	100		
235	61.6	43.5	83.5
272	12.0	0.0	32.9

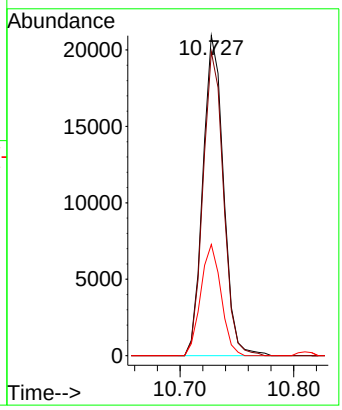




#42
2,4,6-Tribromophenol
Concen: 7.613 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:330 Resp: 2637

Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.5	114.7
141	34.3	24.3	36.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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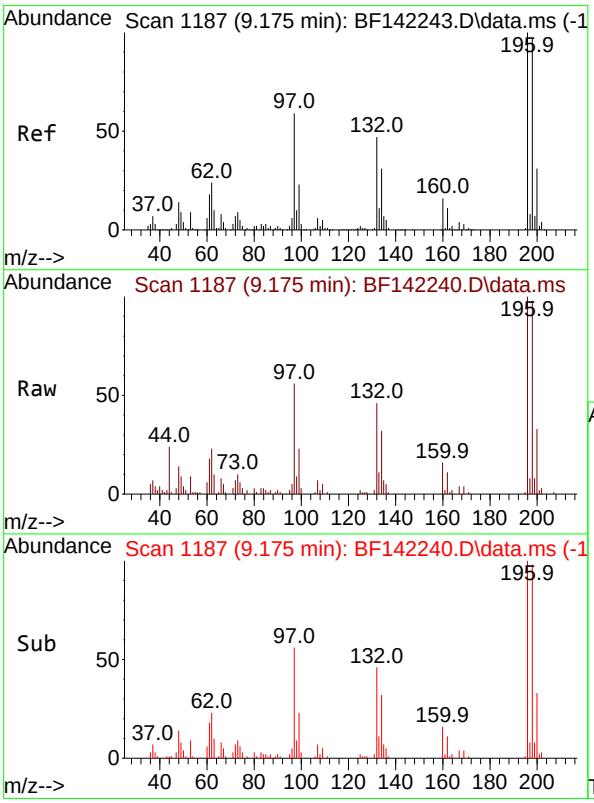
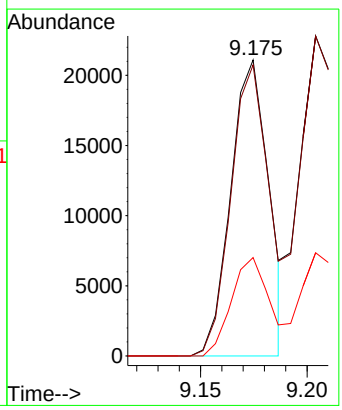
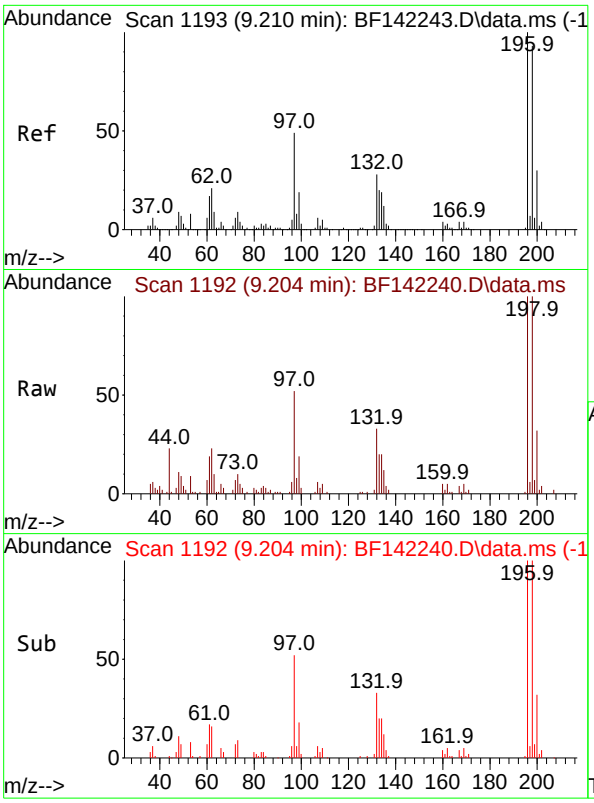


#43
2,4,6-Trichlorophenol
Concen: 3.949 ng
RT: 9.175 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:196 Resp: 26171

Ion	Ratio	Lower	Upper
196	100		
198	98.3	77.4	116.2
200	33.2	24.6	37.0

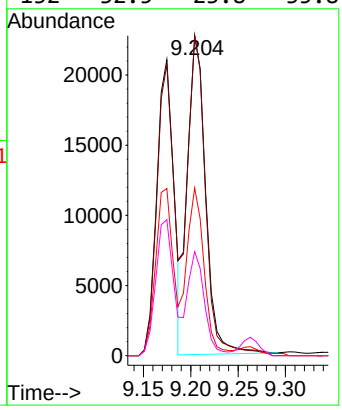




#44
2,4,5-Trichlorophenol
Concen: 4.390 ng
RT: 9.204 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:196 Resp: 3058

Ion	Ratio	Lower	Upper
196	100		
198	99.9	75.2	112.8
97	52.4	39.8	59.8
132	32.5	23.8	35.8



Instrument :
BNA_F
ClientSampleId :
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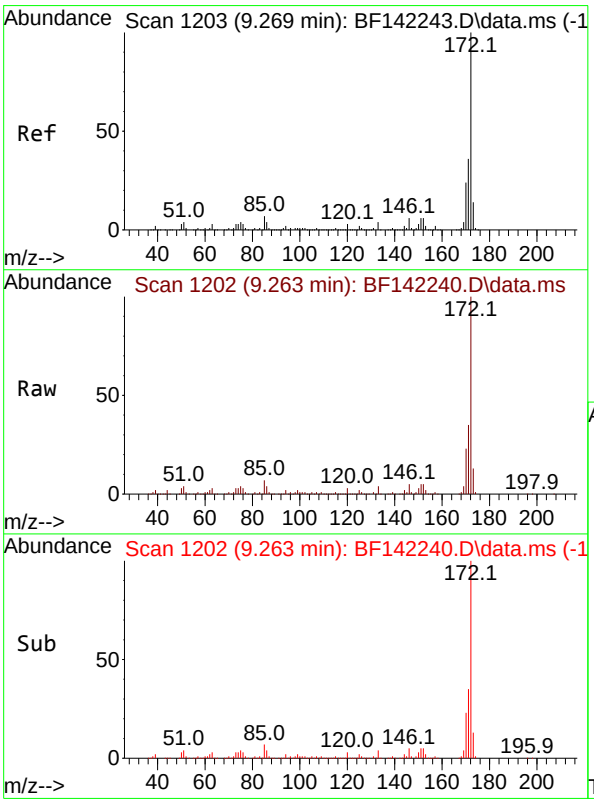
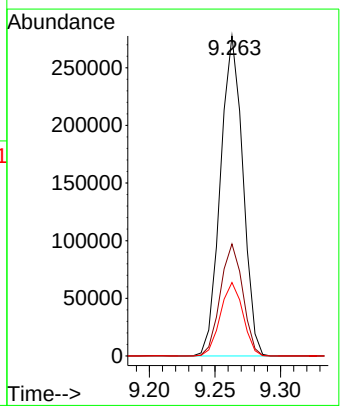
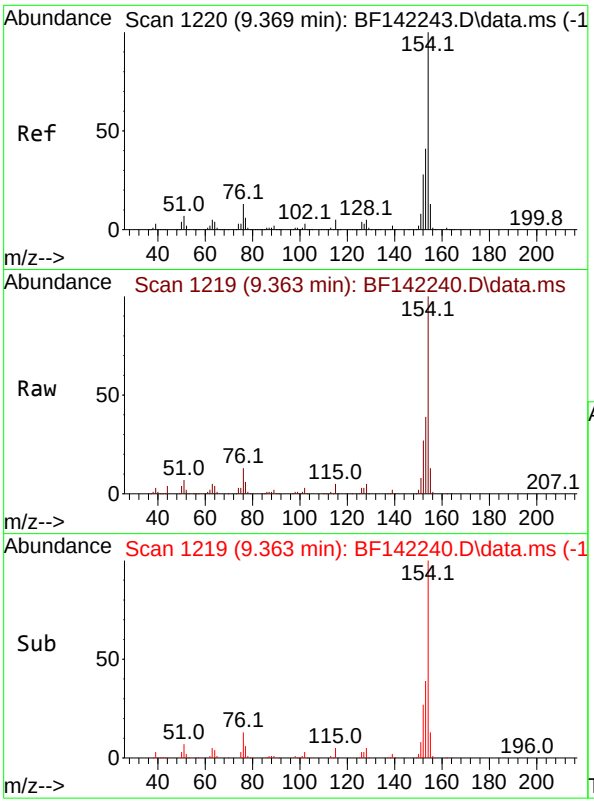


#45
2-Fluorobiphenyl
Concen: 12.256 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:172 Resp: 330323

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.0	43.4
170	22.9	19.4	29.0

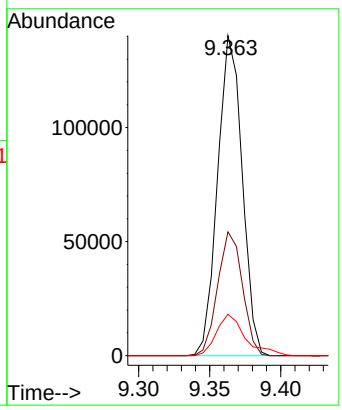




#46
1,1'-Biphenyl
Concen: 5.702 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:154 Resp: 16845

Ion	Ratio	Lower	Upper
154	100		
153	38.7	20.5	60.5
76	13.0	0.0	32.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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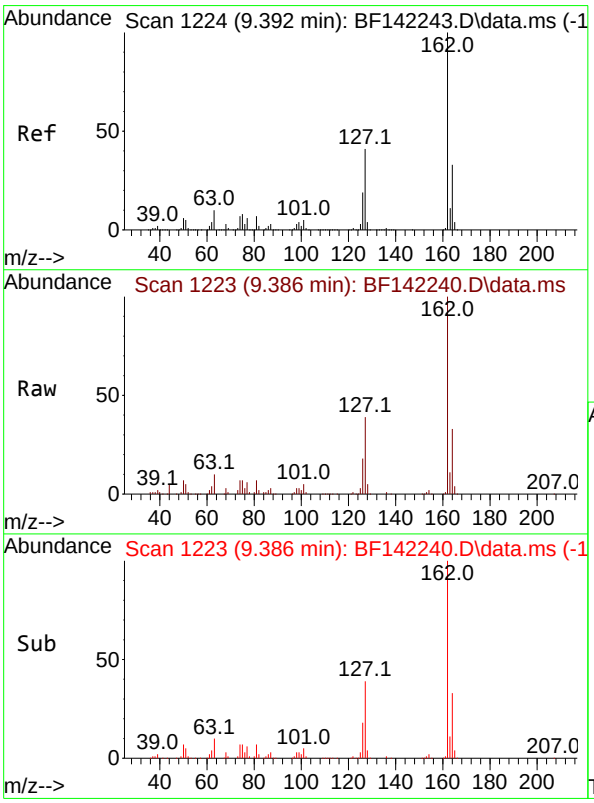
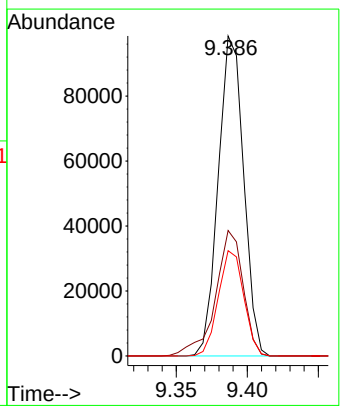
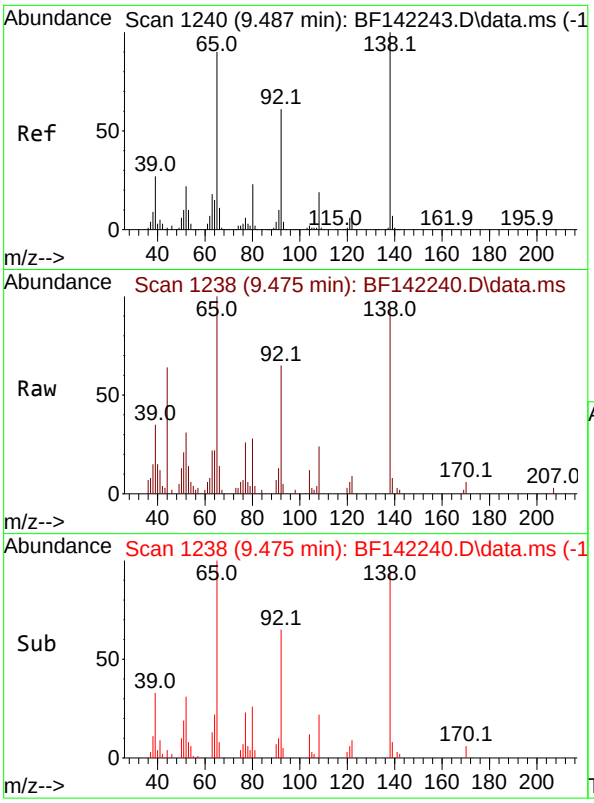


#47
2-Chloronaphthalene
Concen: 5.572 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:162 Resp: 122469

Ion	Ratio	Lower	Upper
162	100		
127	39.2	32.6	49.0
164	32.9	26.1	39.1

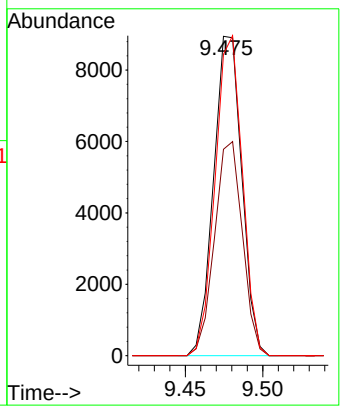




#48
2-Nitroaniline
Concen: 6.532 ng
RT: 9.475 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion: 65 Resp: 1134

Ion	Ratio	Lower	Upper
65	100		
92	64.6	54.3	81.5
138	94.3	88.6	133.0



Instrument :
BNA_F
ClientSampleId :
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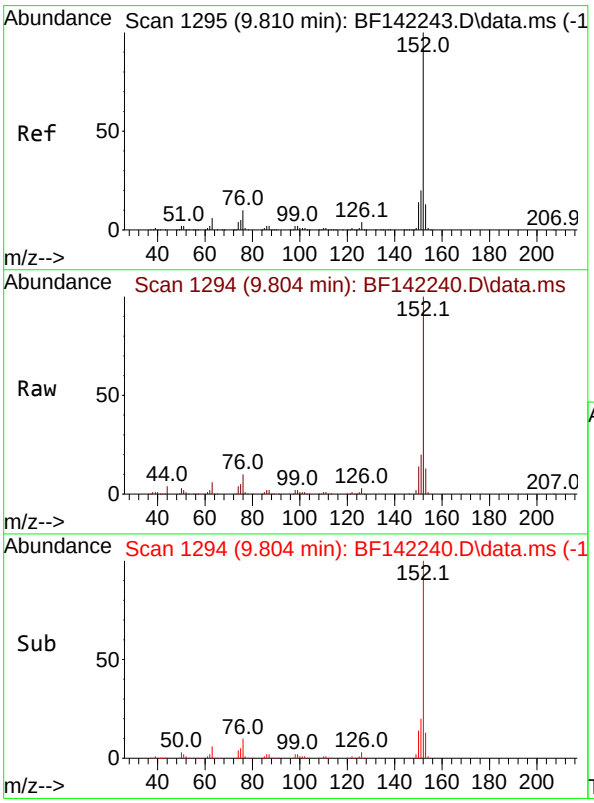
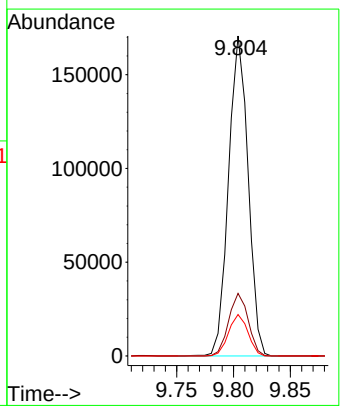
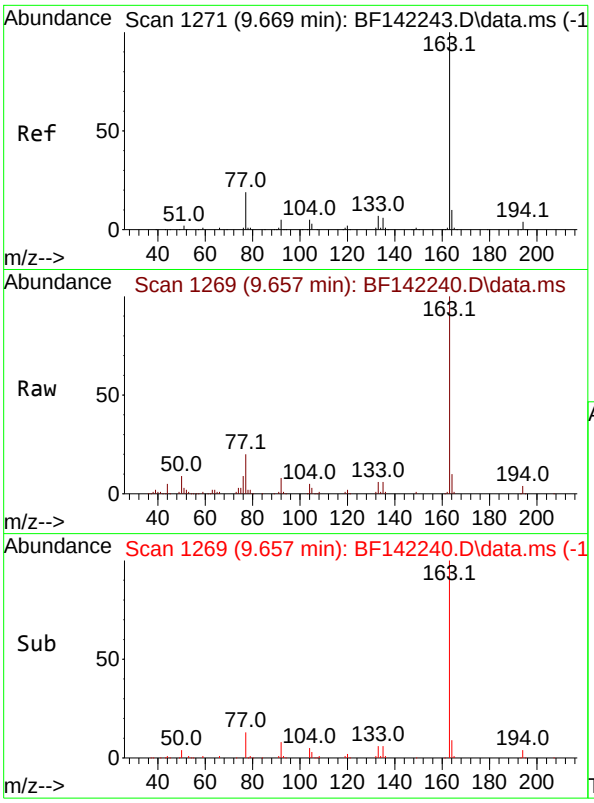


#49
Acenaphthylene
Concen: 5.504 ng
RT: 9.804 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:152 Resp: 204157

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.2
153	12.9	10.7	16.1





#50
Dimethylphthalate
Concen: 5.322 ng
RT: 9.657 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:163 Resp: 12937

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.1	8.2	12.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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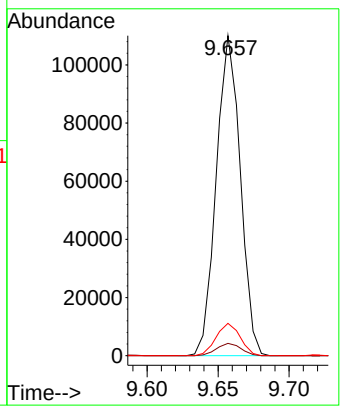
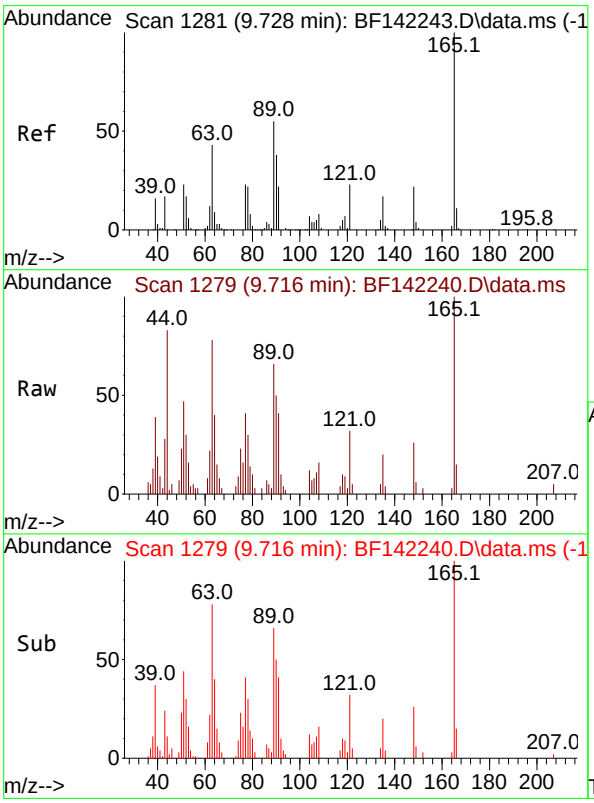
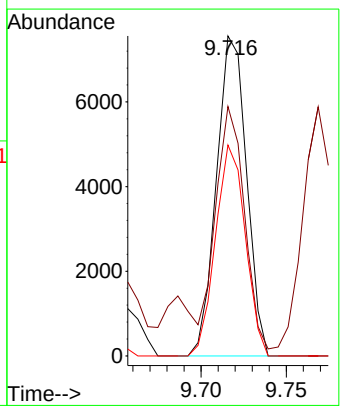


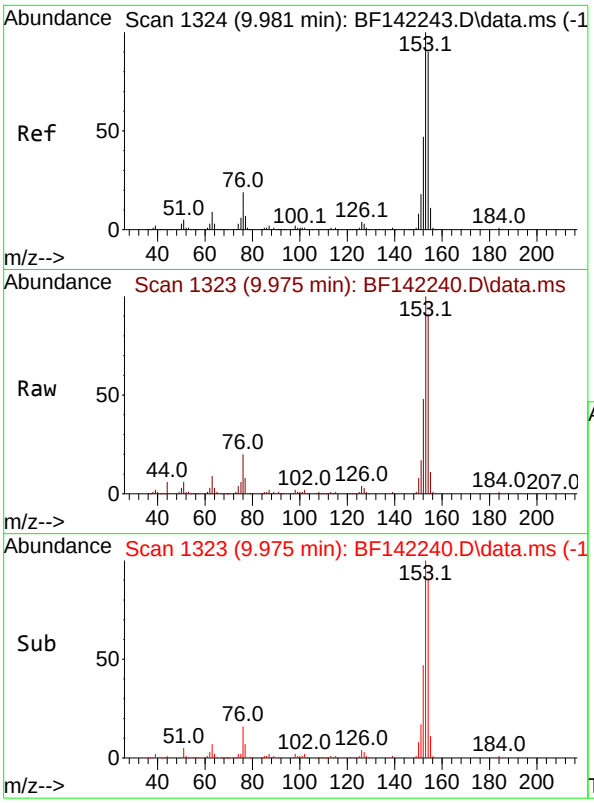


#51
2,6-Dinitrotoluene
Concen: 5.846 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:165 Resp: 9271

Ion	Ratio	Lower	Upper
165	100		
63	77.9	48.5	72.7#
89	65.9	43.9	65.9#





#52
Acenaphthene
Concen: 5.577 ng
RT: 9.975 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:154 Resp: 12077

Ion	Ratio	Lower	Upper
154	100		
153	110.1	88.6	133.0
152	52.8	42.1	63.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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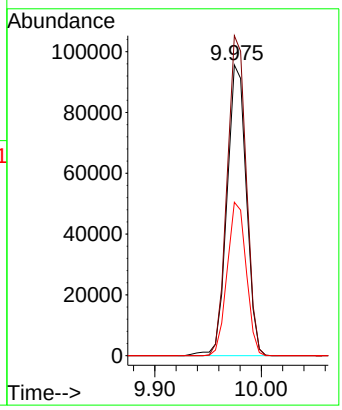
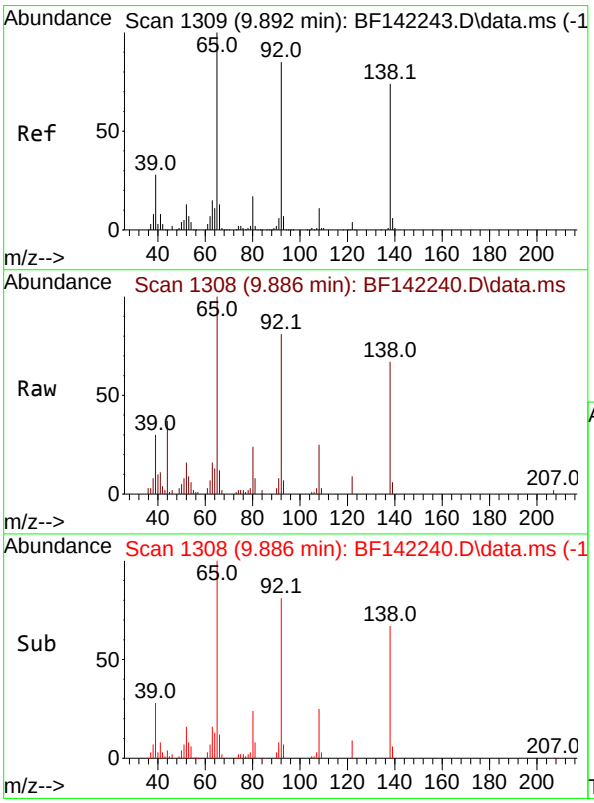
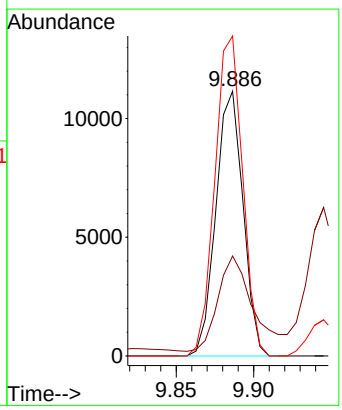


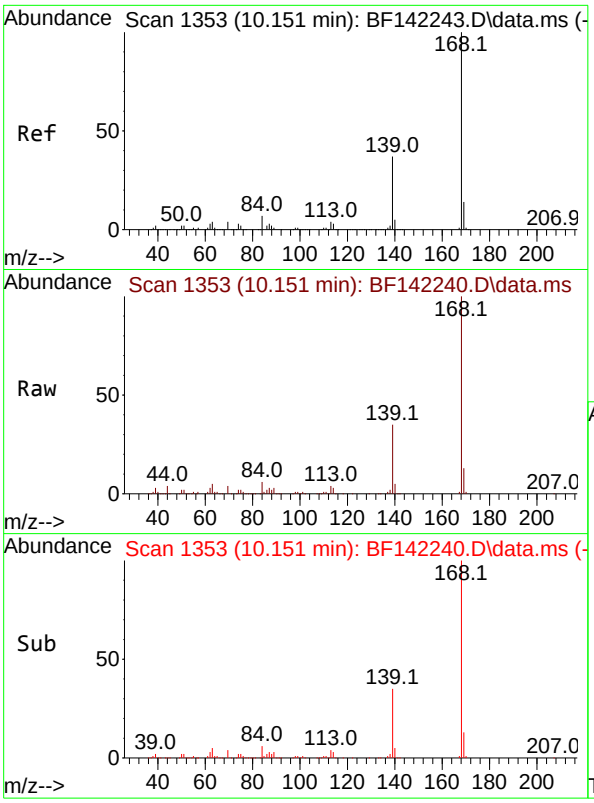


#53
3-Nitroaniline
Concen: 5.423 ng
RT: 9.886 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:138 Resp: 13576

Ion	Ratio	Lower	Upper
138	100		
108	37.8	11.7	17.5#
92	120.9	91.2	136.8

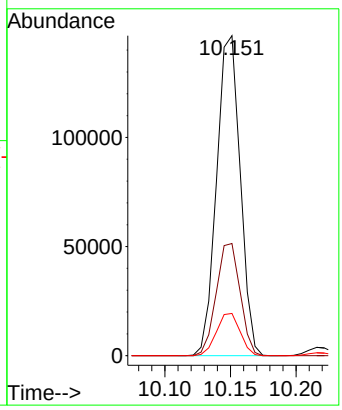




#55
Dibenzofuran
Concen: 5.649 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:168 Resp: 18340

Ion	Ratio	Lower	Upper
168	100		
139	35.1	29.4	44.0
169	13.2	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
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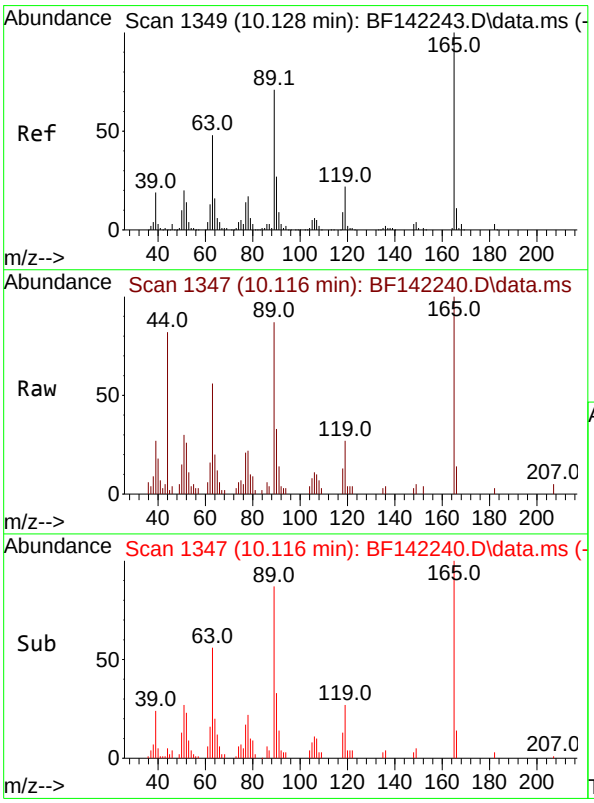
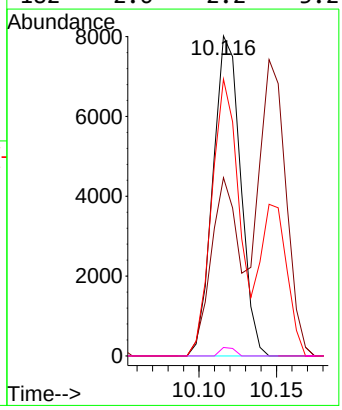
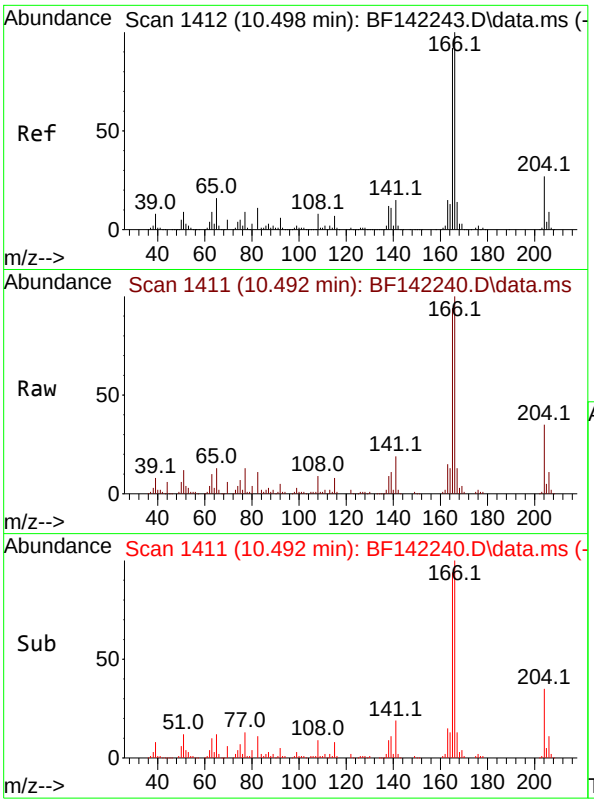


#57
2,4-Dinitrotoluene
Concen: 6.601 ng
RT: 10.116 min Scan# 1347
Delta R.T. -0.012 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:165 Resp: 9928

Ion	Ratio	Lower	Upper
165	100		
63	55.7	38.8	58.2
89	86.5	57.1	85.7#
182	2.6	2.2	3.2

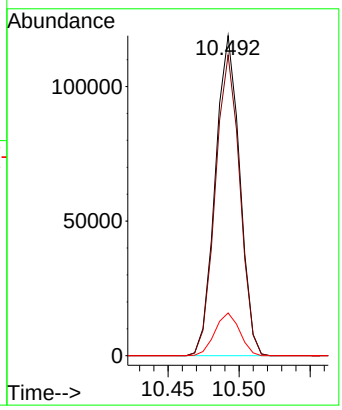




#58
Fluorene
Concen: 5.746 ng
RT: 10.492 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:166 Resp: 14183

Ion	Ratio	Lower	Upper
166	100		
165	94.0	73.9	110.9
167	13.3	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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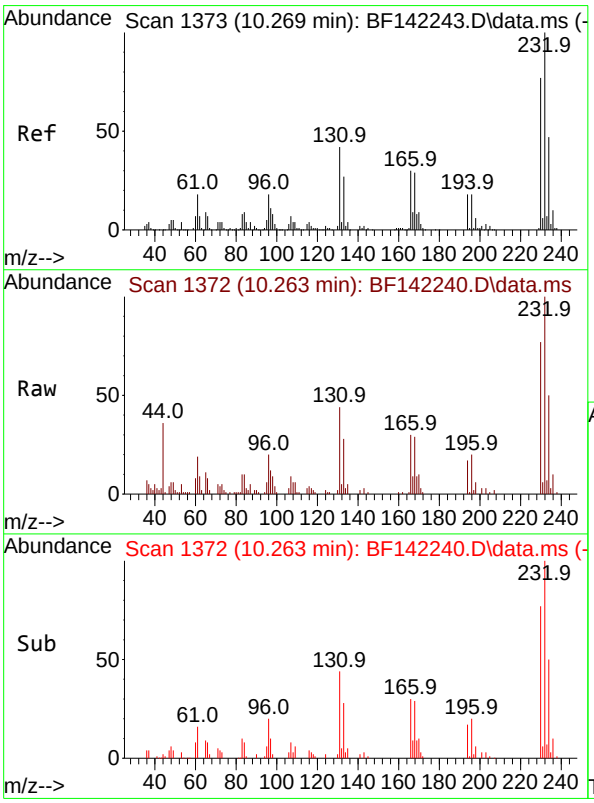
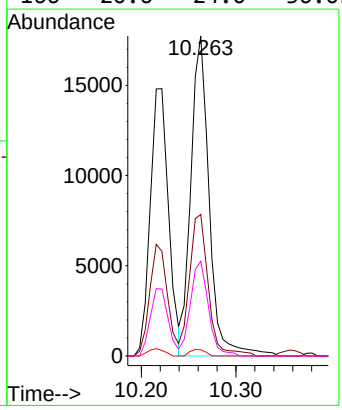
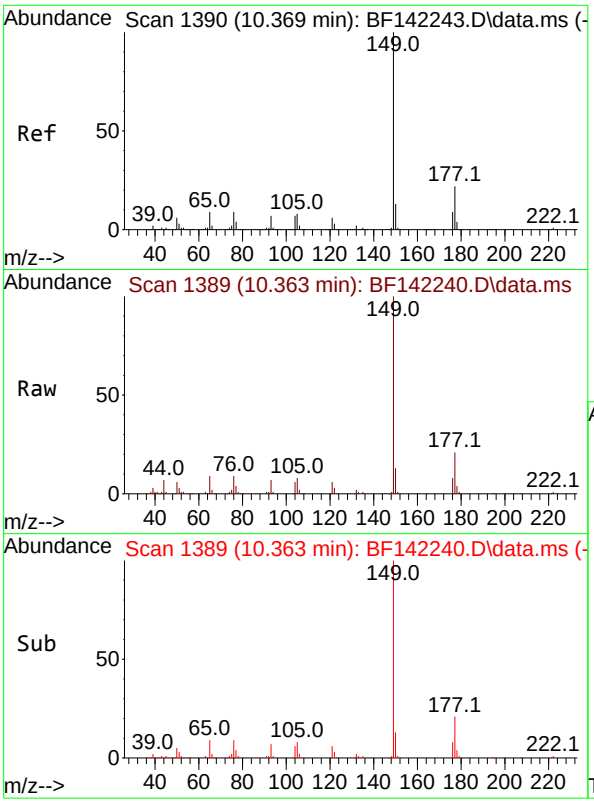


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.154 ng m
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:232 Resp: 23974

Ion	Ratio	Lower	Upper
232	100		
131	33.9	35.9	53.9#
130	2.0	1.8	2.6
166	20.6	24.0	36.0#

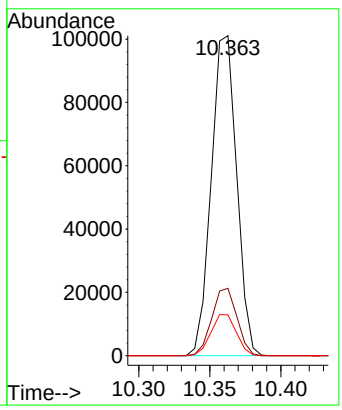




#60
Diethylphthalate
Concen: 5.238 ng
RT: 10.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:149 Resp: 12574

Ion	Ratio	Lower	Upper
149	100		
177	21.0	17.6	26.4
150	12.8	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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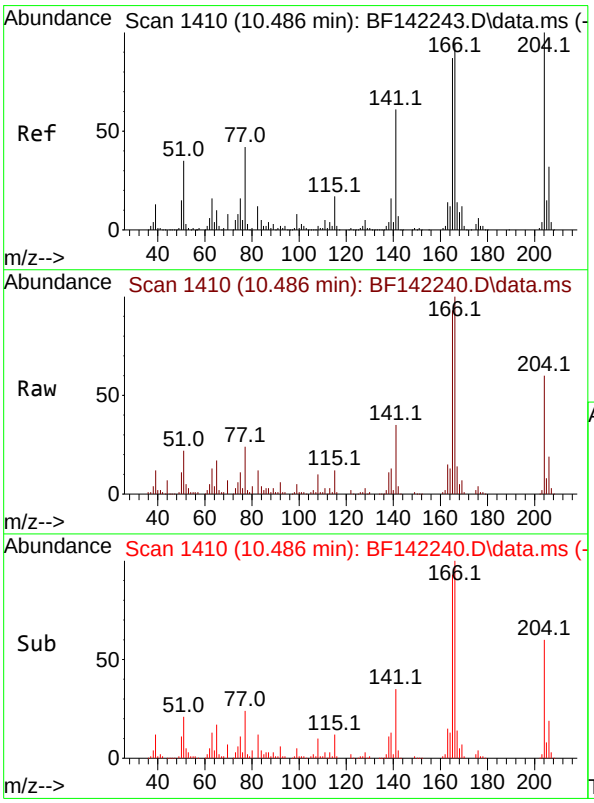
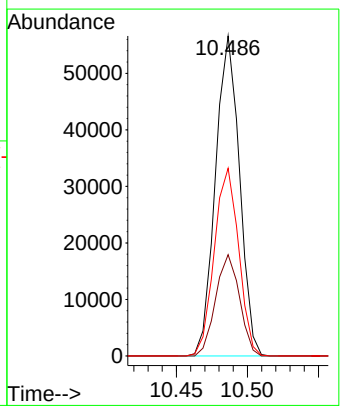
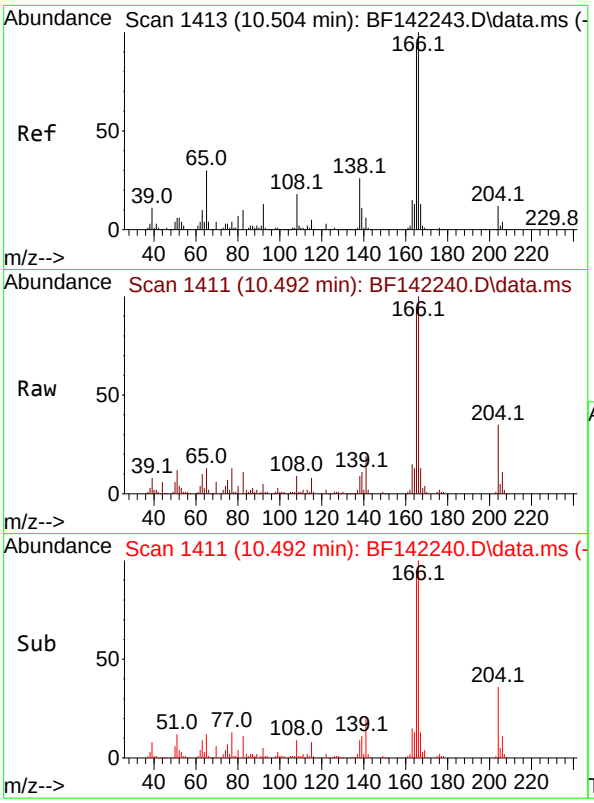


#61
4-Chlorophenyl-phenylether
Concen: 5.688 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:204 Resp: 66676

Ion	Ratio	Lower	Upper
204	100		
206	31.7	25.6	38.4
141	58.7	48.9	73.3

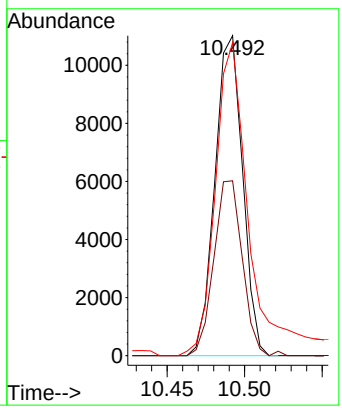




#62
4-Nitroaniline
Concen: 5.254 ng
RT: 10.492 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:138 Resp: 1369

Ion	Ratio	Lower	Upper
138	100		
92	54.7	29.2	69.2
108	97.8	49.1	89.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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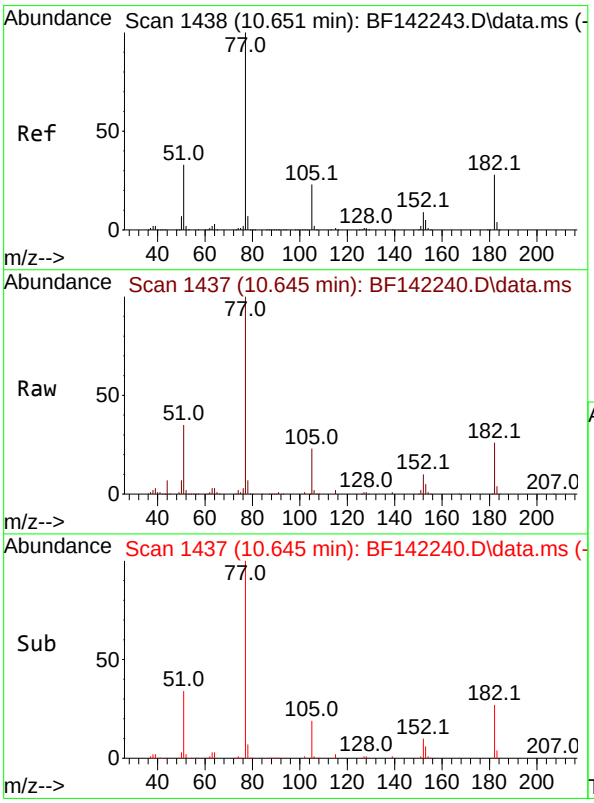
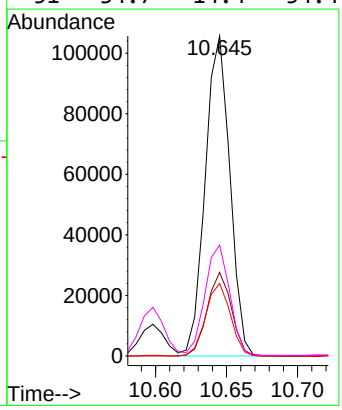
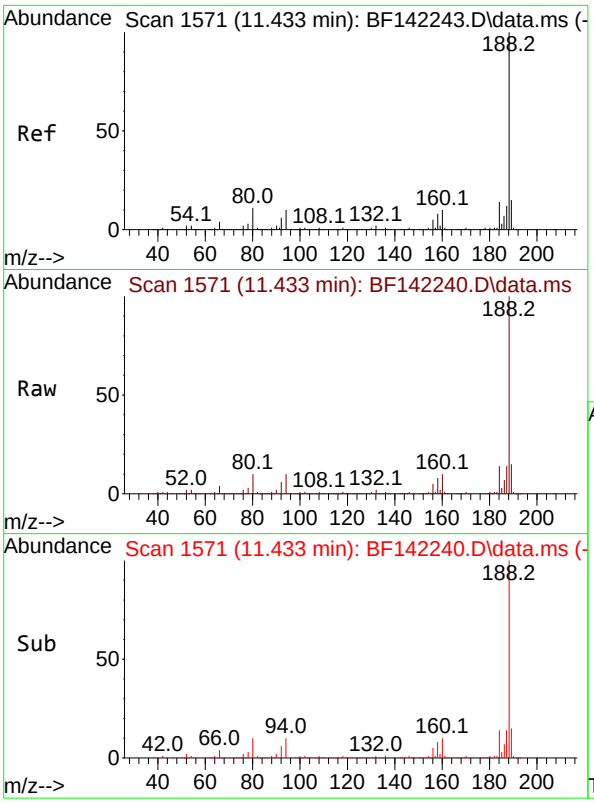


#63
Azobenzene
Concen: 5.394 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion: 77 Resp: 127873

Ion	Ratio	Lower	Upper
77	100		
182	26.1	7.3	47.3
105	22.7	2.5	42.5
51	34.7	14.4	54.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:188 Resp: 66493

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.2	12.2
80	10.5	8.6	12.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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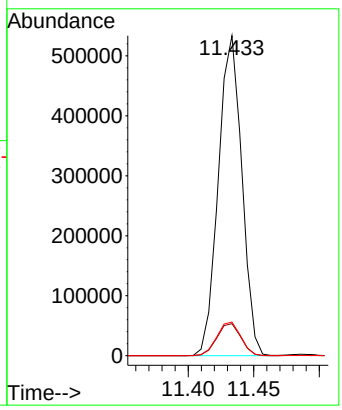
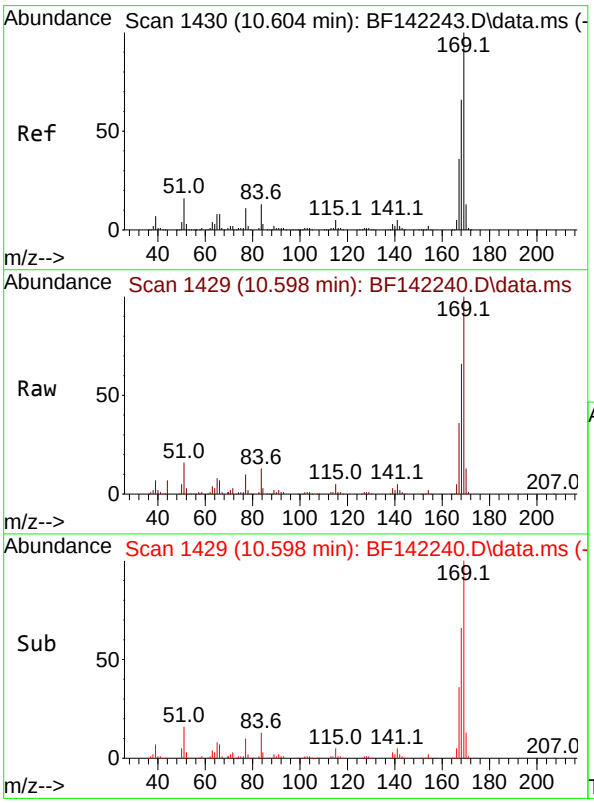
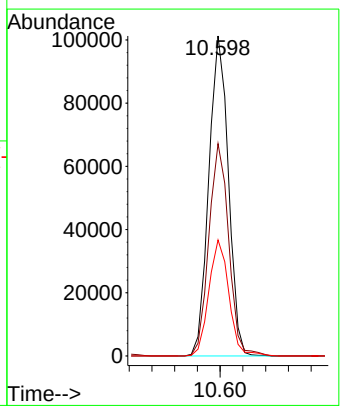


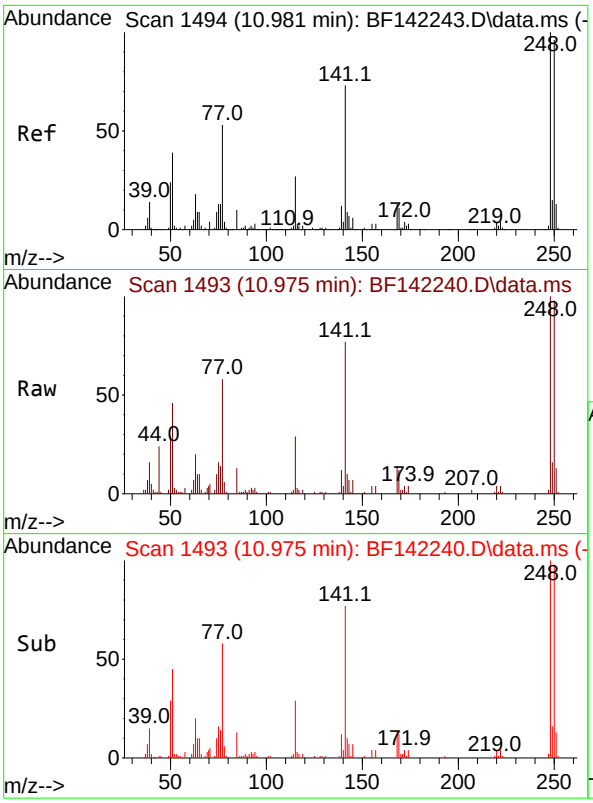


#66
n-Nitrosodiphenylamine
Concen: 5.317 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:169 Resp: 120800

Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.0	79.6
167	36.3	28.8	43.2

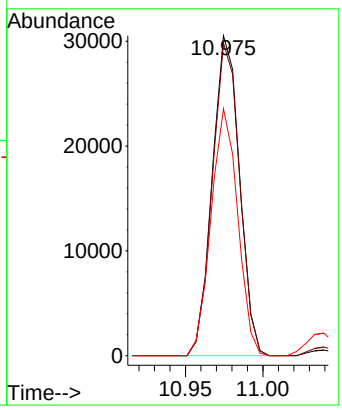




#67
4-Bromophenyl-phenylether
Concen: 5.030 ng
RT: 10.975 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:248 Resp: 3724

Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.2	115.8
141	77.2	58.4	87.6



Instrument :
BNA_F
ClientSampleId :
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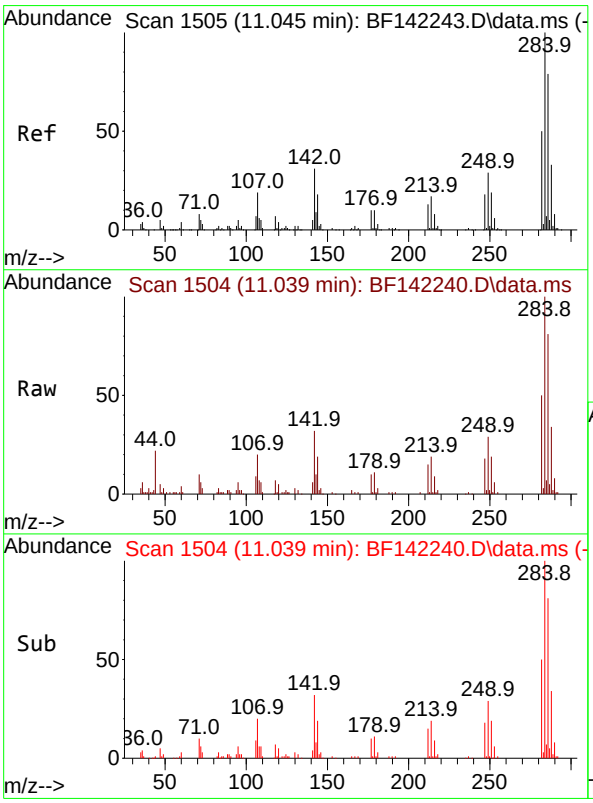
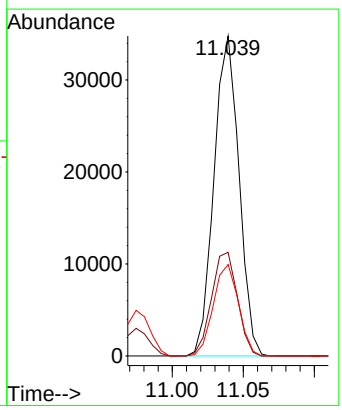
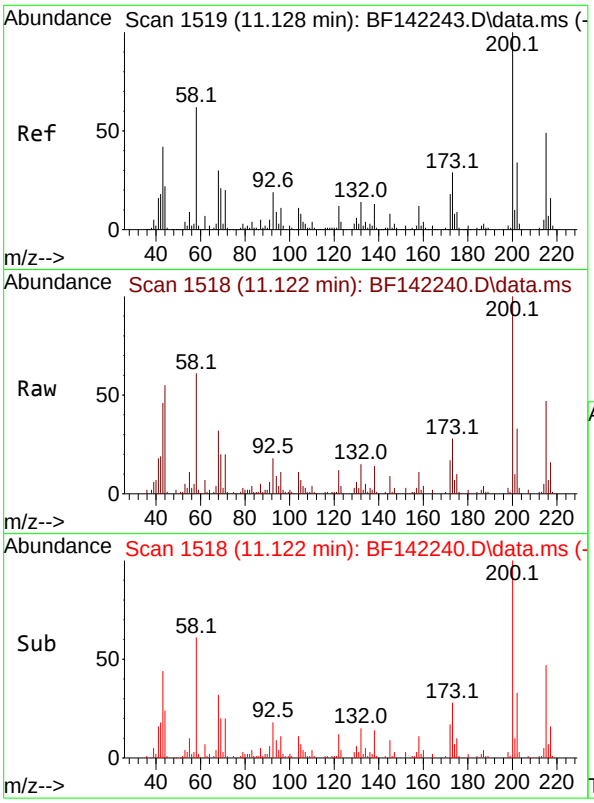


#68
Hexachlorobenzene
Concen: 5.131 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:284 Resp: 42558

Ion	Ratio	Lower	Upper
284	100		
142	32.4	24.6	37.0
249	28.6	23.2	34.8

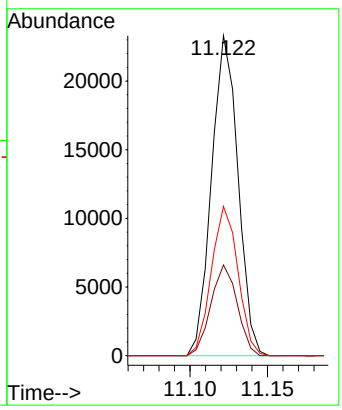




#69
Atrazine
Concen: 4.614 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:200 Resp: 2762

Ion	Ratio	Lower	Upper
200	100		
173	28.4	8.6	48.6
215	46.6	28.5	68.5



Instrument :
BNA_F
ClientSampleId :
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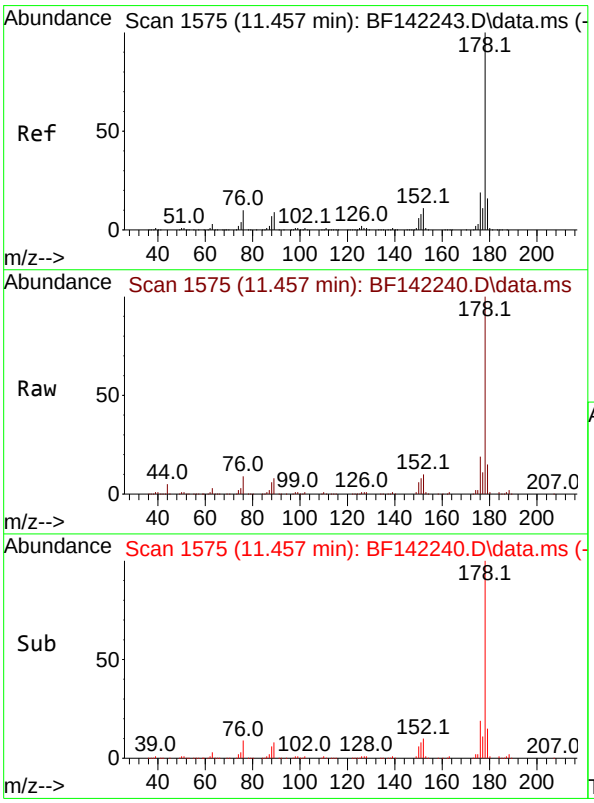
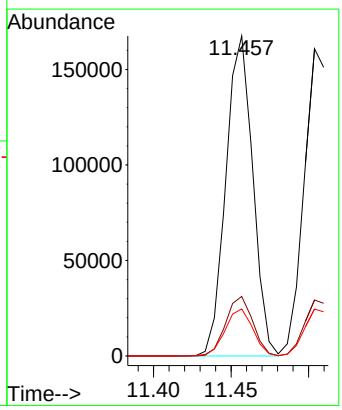
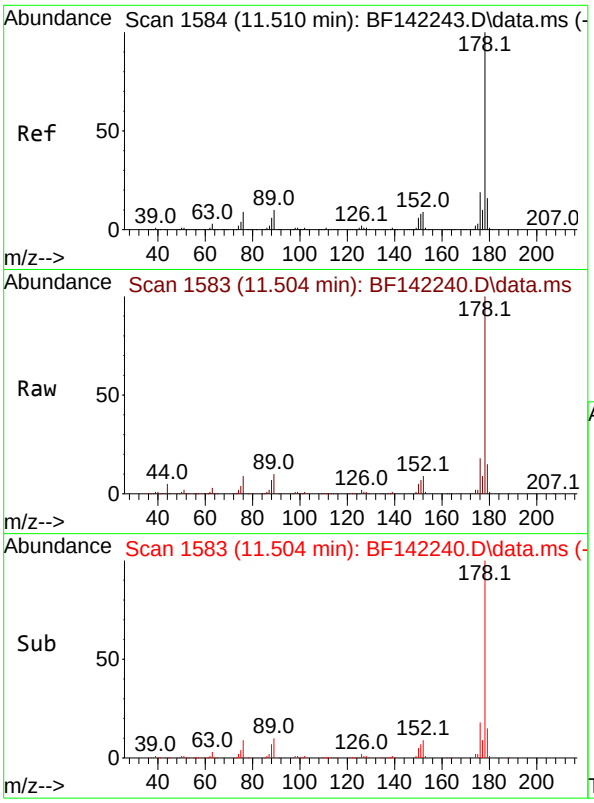


#71
Phenanthrene
Concen: 5.637 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:178 Resp: 202460

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	14.7	12.6	19.0

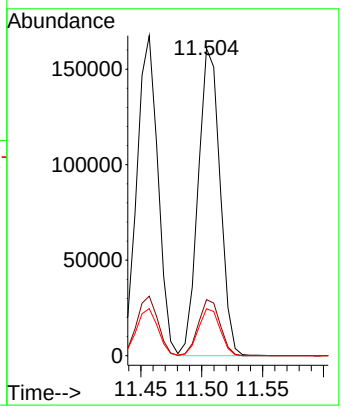




#72
Anthracene
Concen: 5.472 ng
RT: 11.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:178 Resp: 20094

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.3	22.9
179	15.3	12.7	19.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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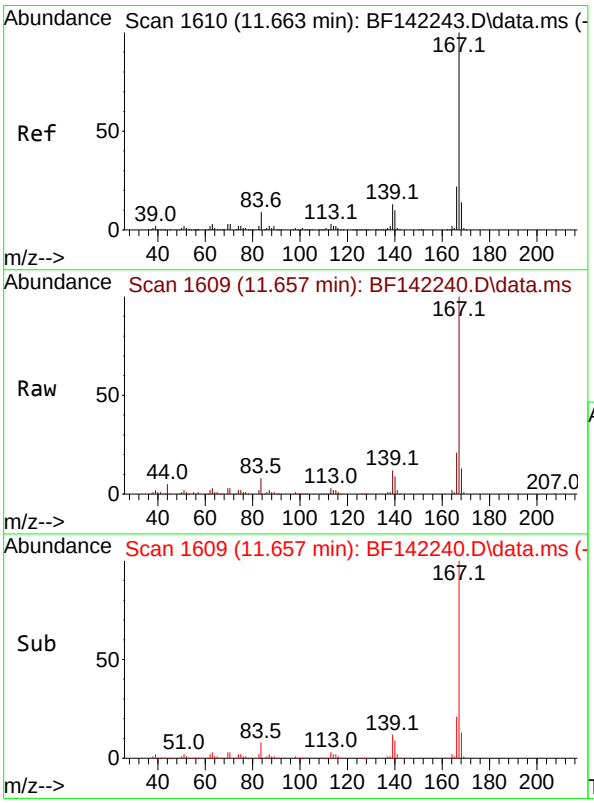
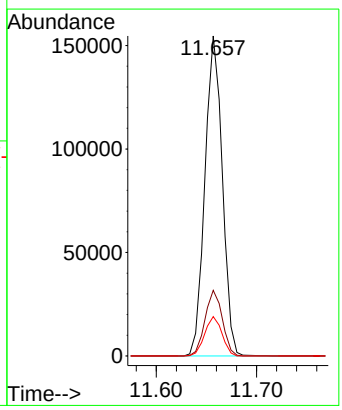
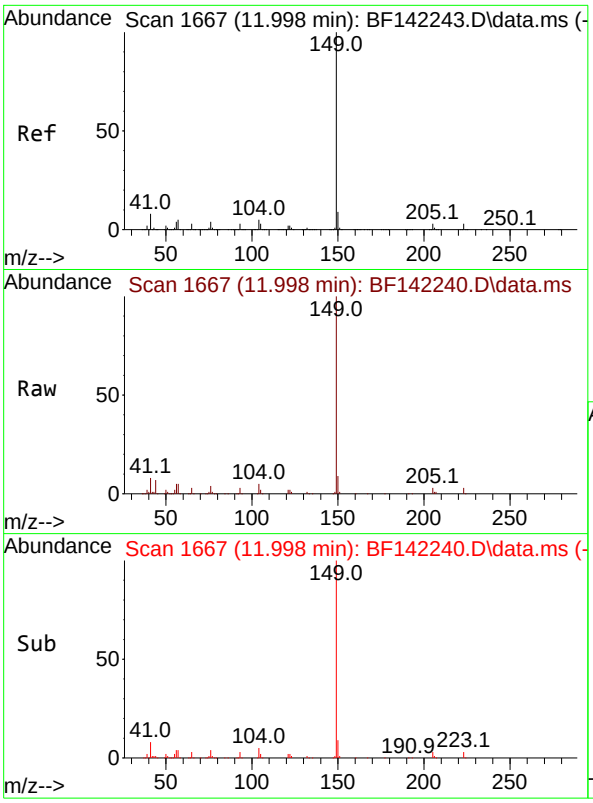


#73
Carbazole
Concen: 5.581 ng
RT: 11.657 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:167 Resp: 186963

Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.3	25.9
139	12.3	10.3	15.5

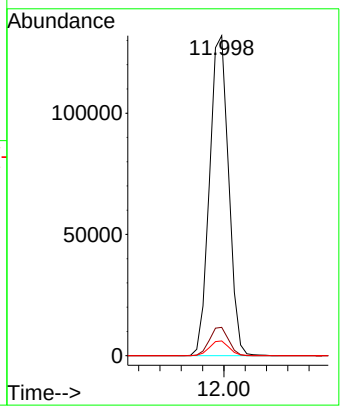




#74
Di-n-butylphthalate
Concen: 4.864 ng
RT: 11.998 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:149 Resp: 16386

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	4.6	3.6	5.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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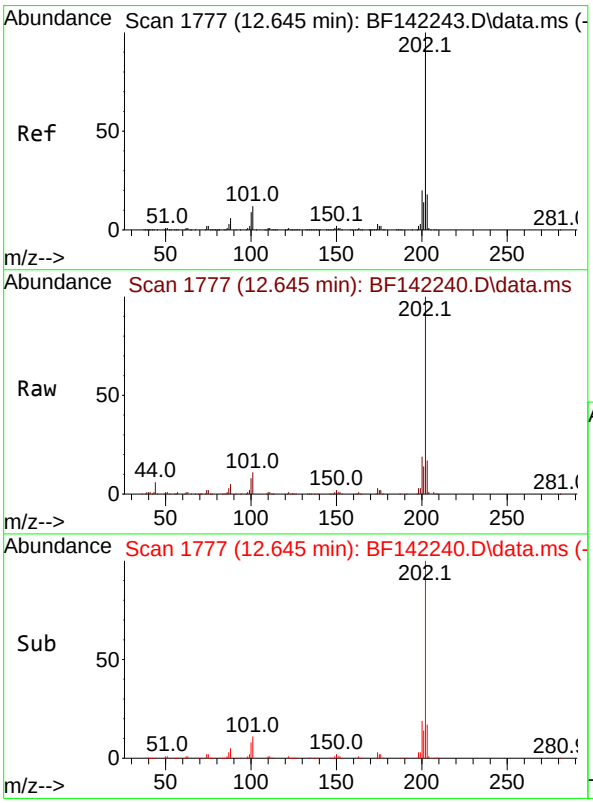
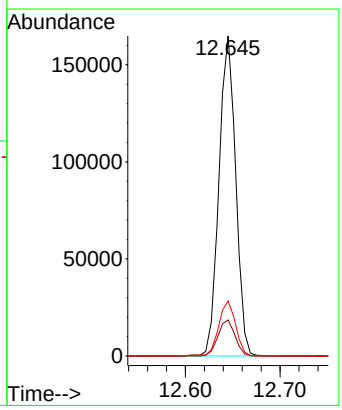
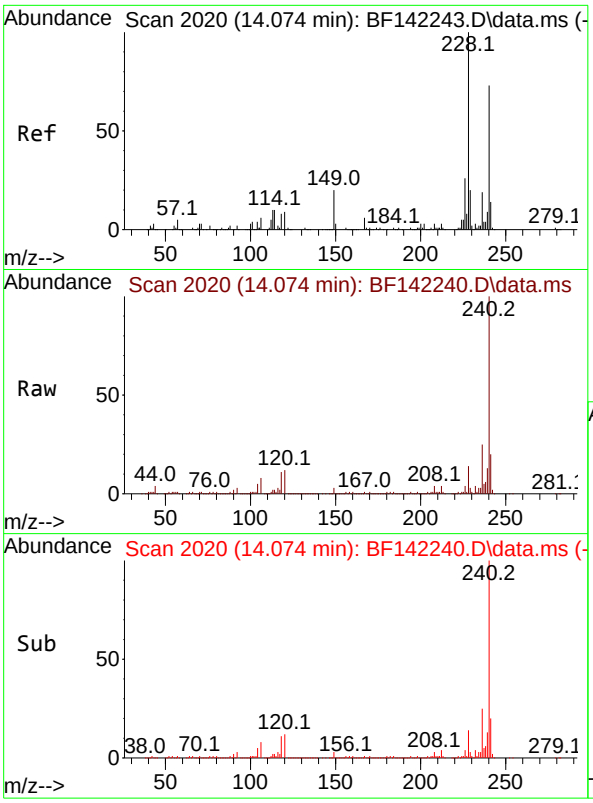


#75
Fluoranthene
Concen: 5.715 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:202 Resp: 202911

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	32.4
203	17.2	0.0	37.5

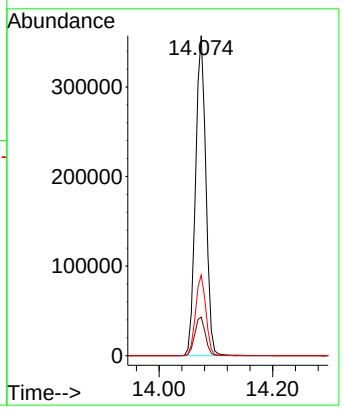




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:240 Resp: 45491

Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.1	15.1
236	25.2	20.5	30.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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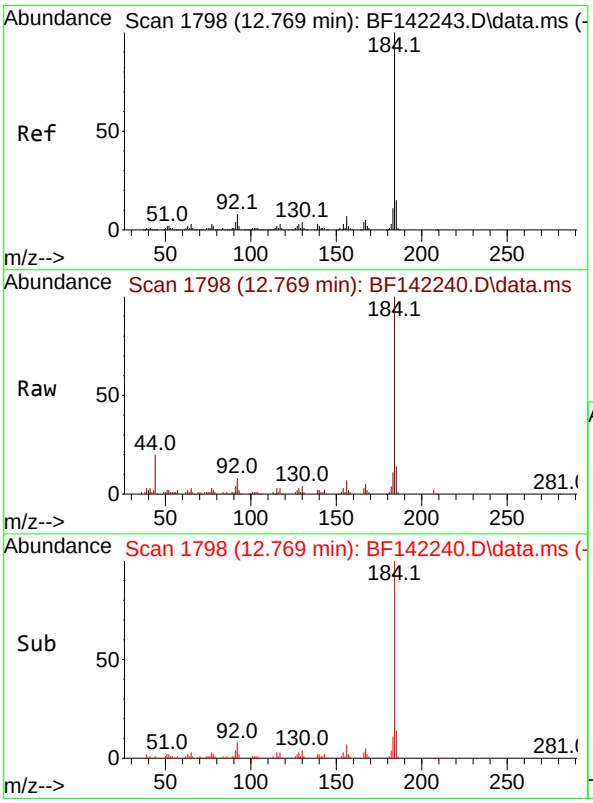
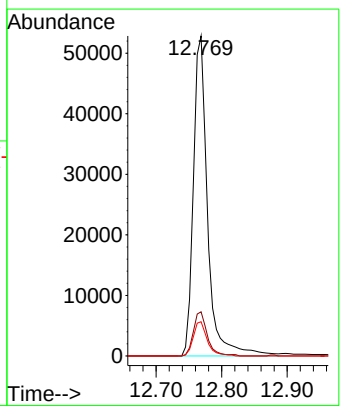
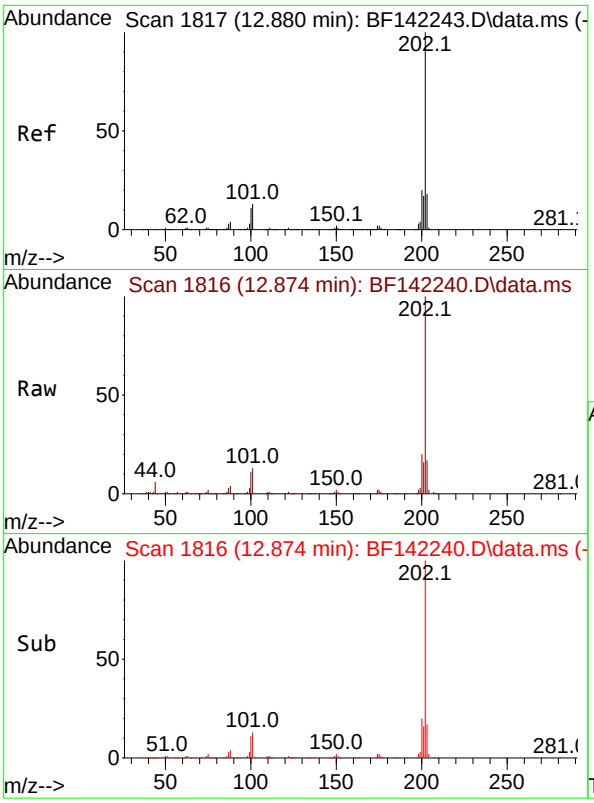


#77
Benzidine
Concen: 4.132 ng
RT: 12.769 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:184 Resp: 79877

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.8	17.6
183	10.7	8.9	13.3

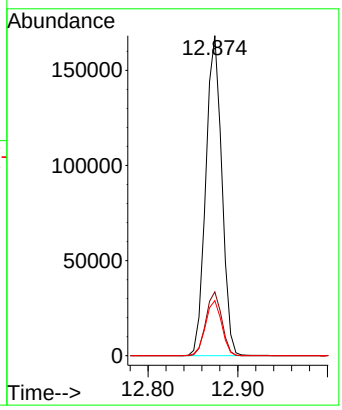




#78
Pyrene
Concen: 4.968 ng
RT: 12.874 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:202 Resp: 20846

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.1	24.1
203	17.2	14.1	21.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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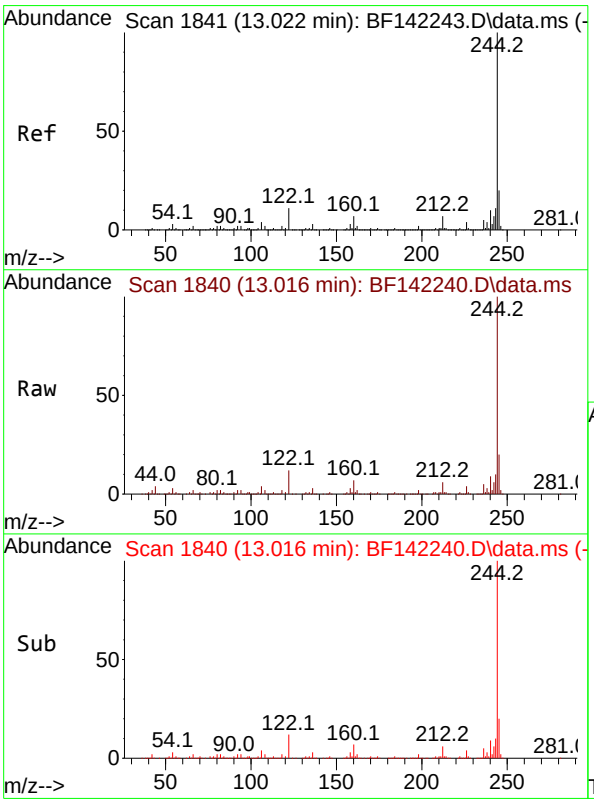
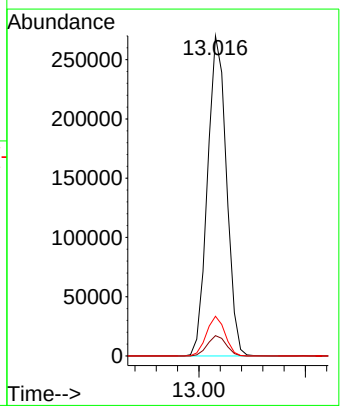
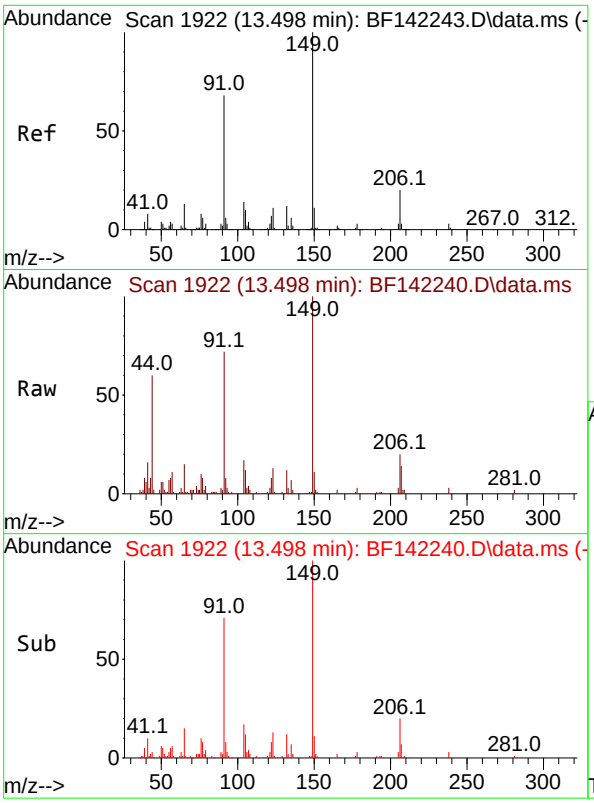


#79
Terphenyl-d14
Concen: 10.706 ng
RT: 13.016 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:244 Resp: 334852

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.3	7.9
122	12.4	9.1	13.7

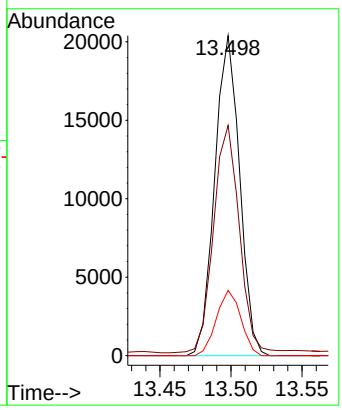




#80
Butylbenzylphthalate
Concen: 5.714 ng
RT: 13.498 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:149 Resp: 2484

Ion	Ratio	Lower	Upper
149	100		
91	71.9	54.4	81.6
206	20.4	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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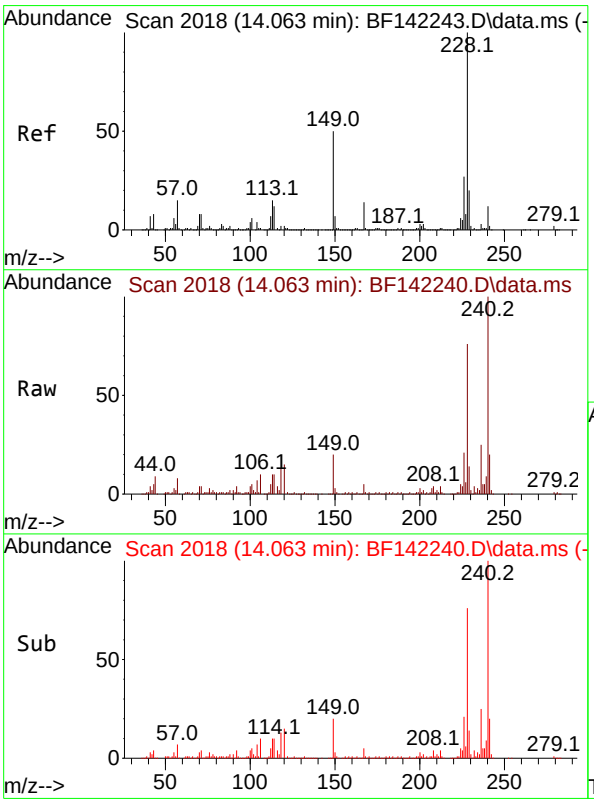
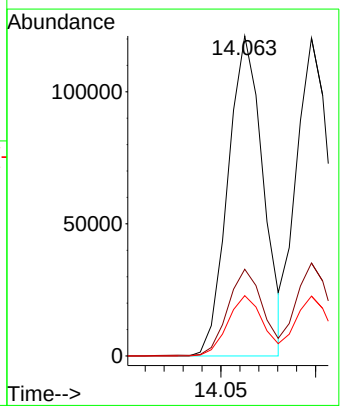
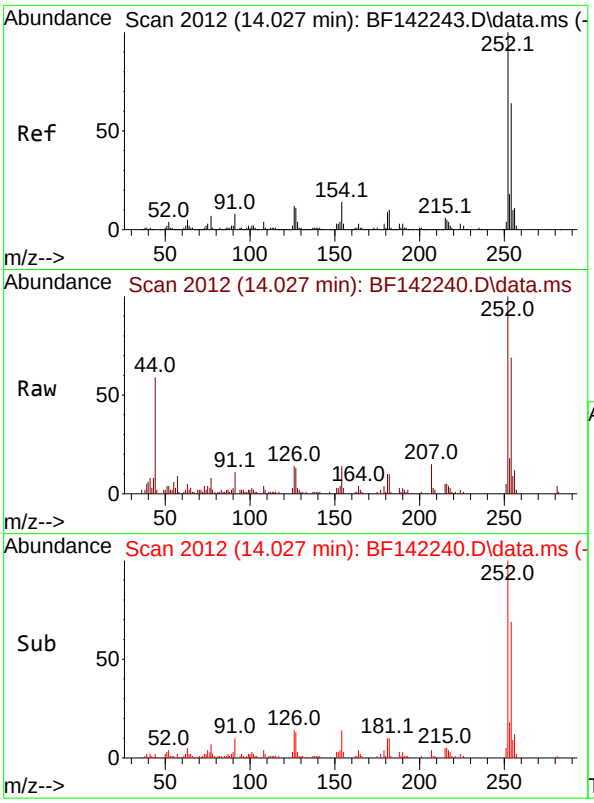


#81
Benzo(a)anthracene
Concen: 5.136 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:228 Resp: 156840

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.9	32.9
229	18.8	16.0	24.0

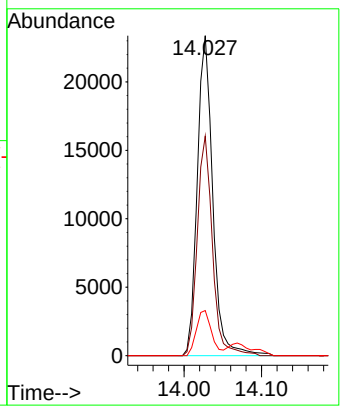




#82
3,3'-Dichlorobenzidine
Concen: 3.623 ng
RT: 14.027 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:252 Resp: 3250

Ion	Ratio	Lower	Upper
252	100		
254	68.6	51.0	76.6
126	14.1	9.4	14.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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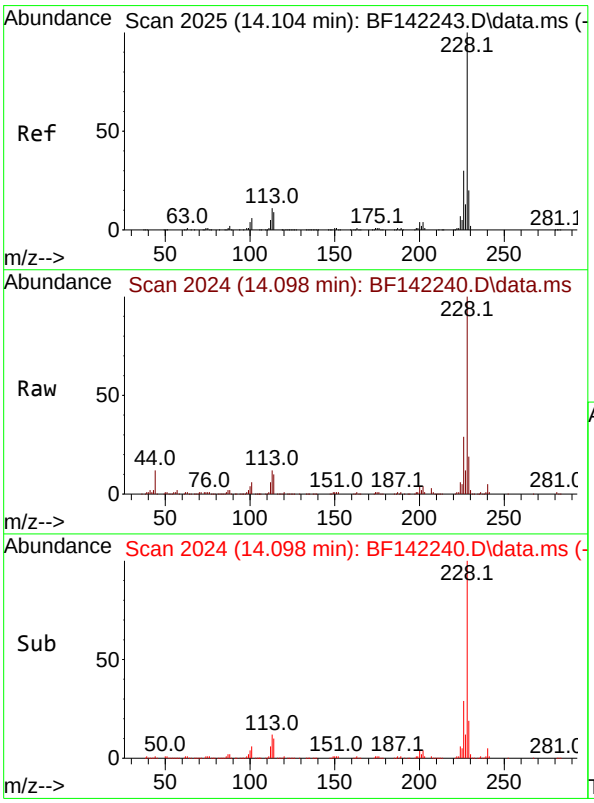
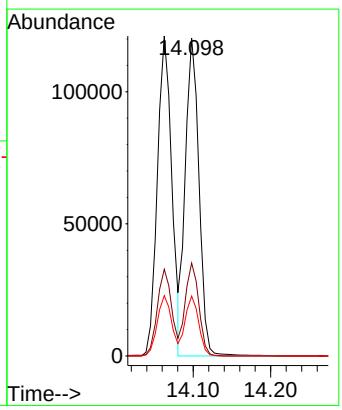
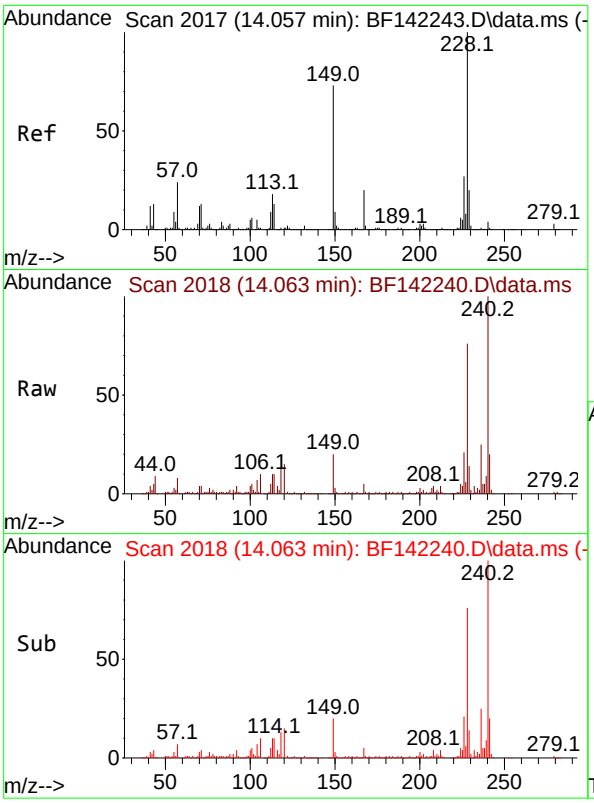


#83
Chrysene
Concen: 5.328 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:228 Resp: 148119

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	18.8	15.7	23.5





#84
Bis(2-ethylhexyl)phthalate
Concen: 6.006 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

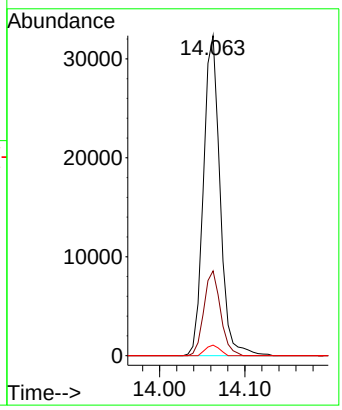
Tgt Ion:149 Resp: 4369

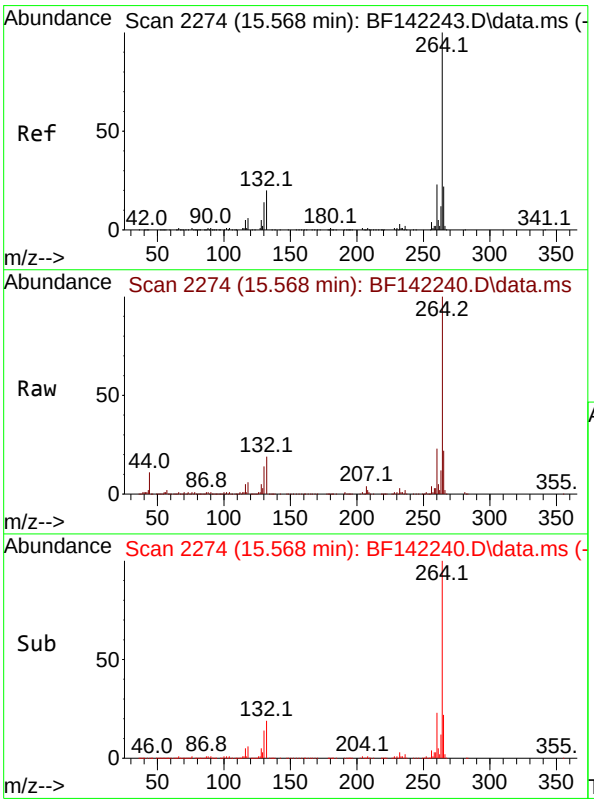
Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.7	32.5
279	3.3	3.0	4.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

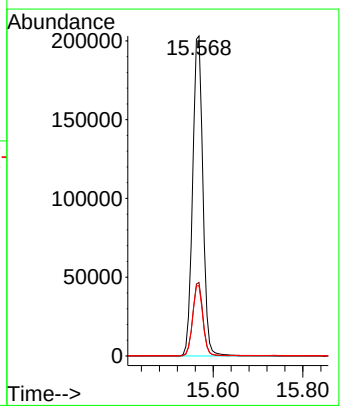


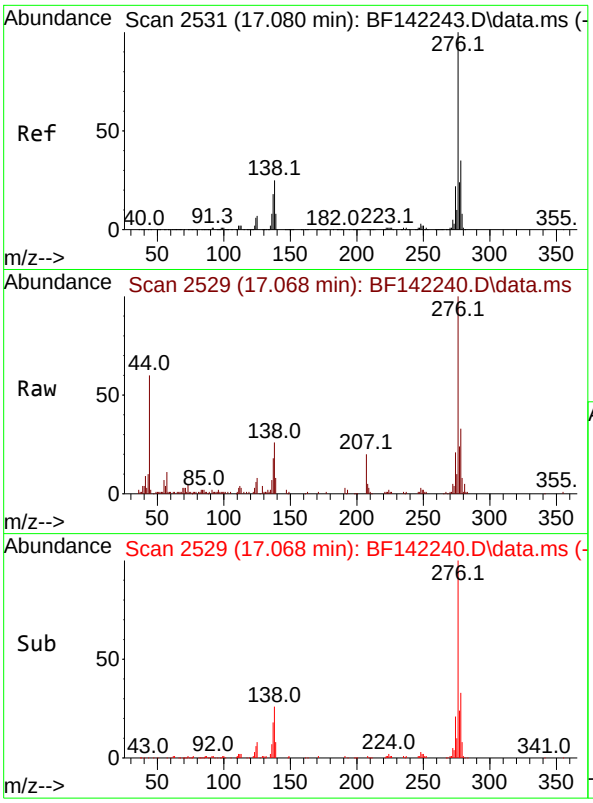


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:264 Resp: 322126

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	22.0	17.3	25.9

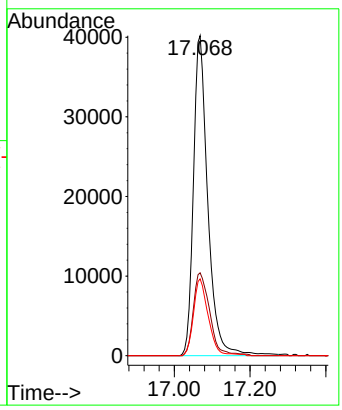




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.516 ng
RT: 17.068 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:276 Resp: 10655

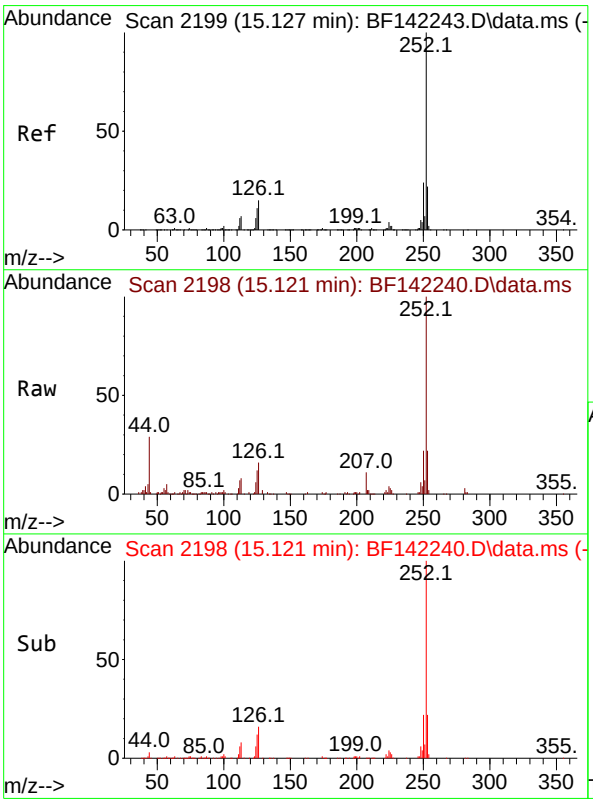
Ion	Ratio	Lower	Upper
276	100		
138	29.4	22.6	33.8
277	24.7	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

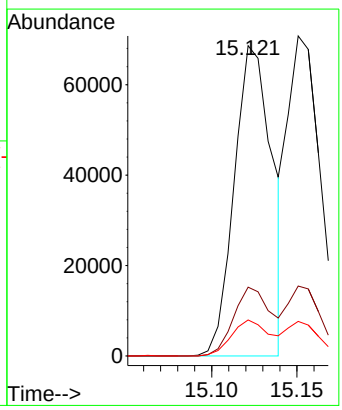
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

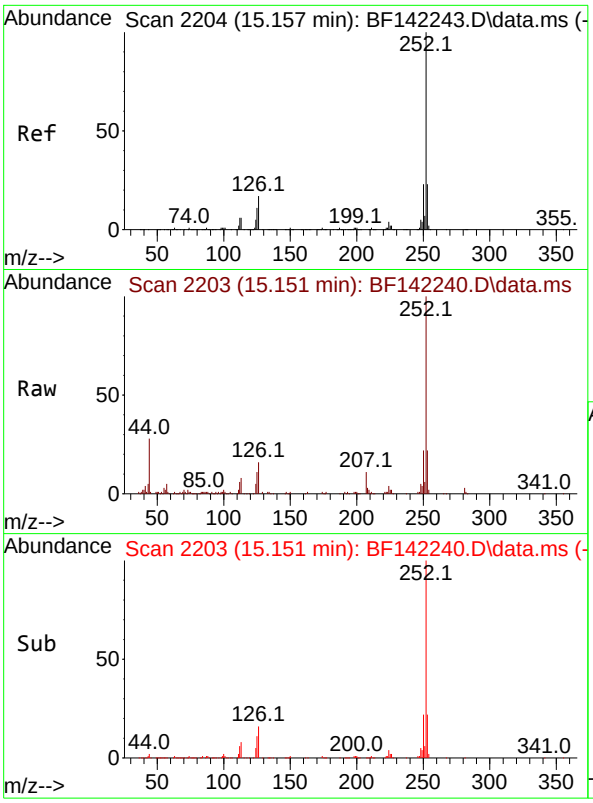


#88
Benzo(b)fluoranthene
Concen: 5.301 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:252 Resp: 106072

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	11.6	9.0	13.4

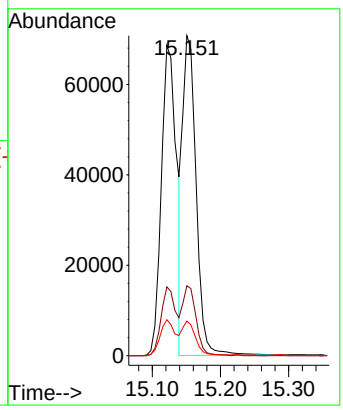




#89
Benzo(k)fluoranthene
Concen: 5.327 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:252 Resp: 9749

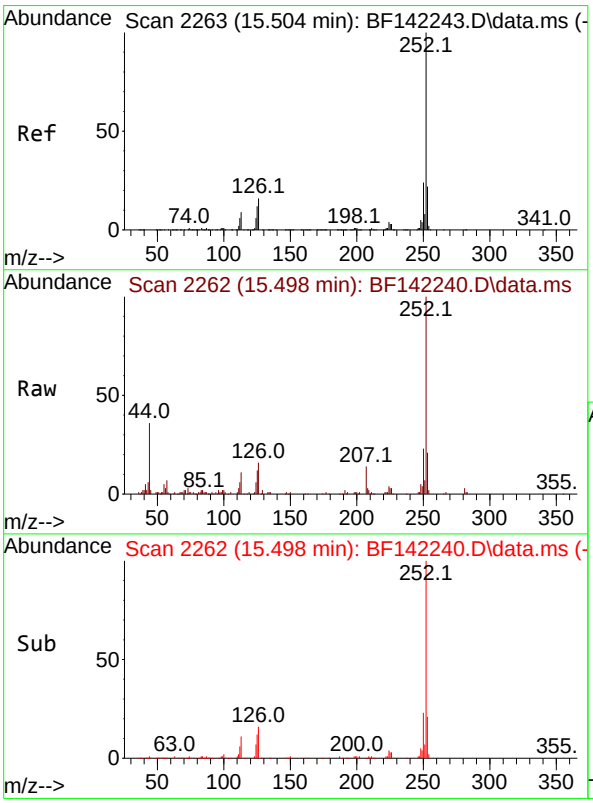
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	10.8	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

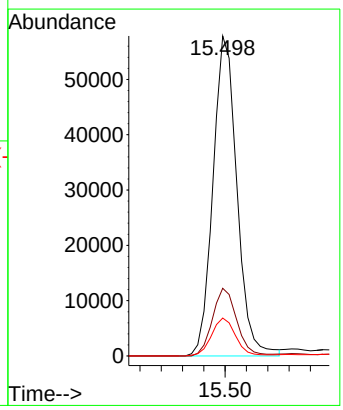
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

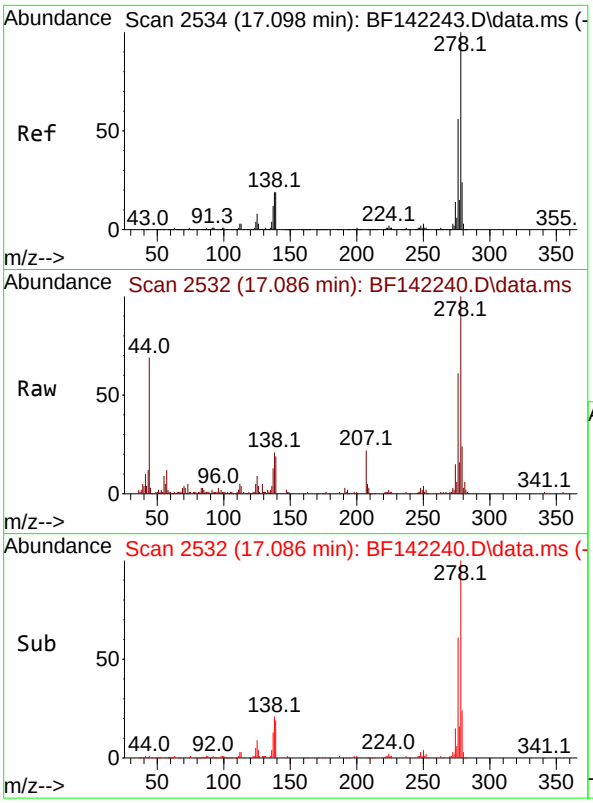


#90
Benzo(a)pyrene
Concen: 4.928 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:252 Resp: 90284

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.6	26.4
125	11.9	9.5	14.3

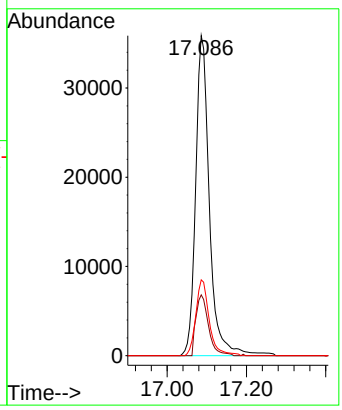




#91
Dibenzo(a,h)anthracene
Concen: 4.520 ng
RT: 17.086 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:278 Resp: 8655

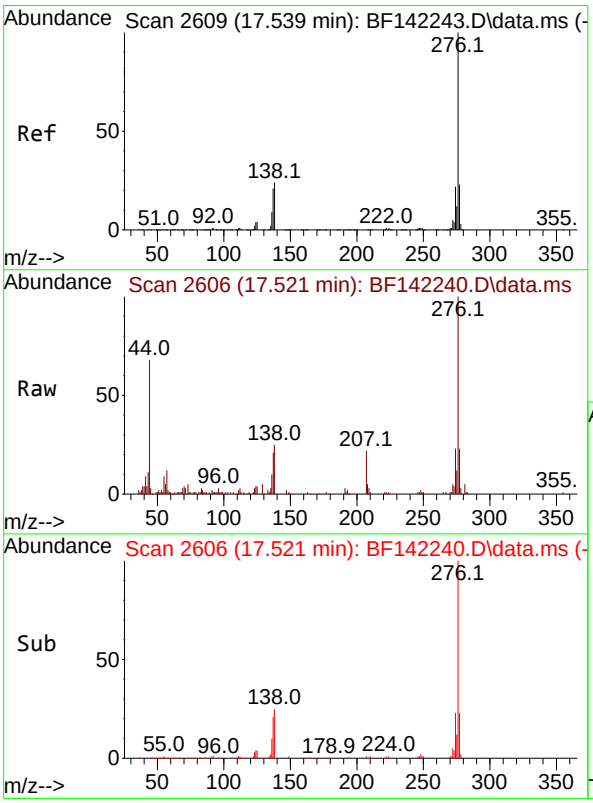
Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.2	22.8
279	23.7	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

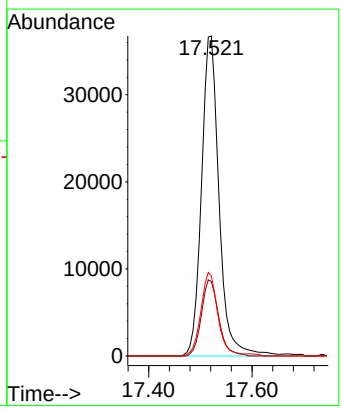
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#92
Benzo(g,h,i)perylene
Concen: 4.500 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.018 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:276 Resp: 86631

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.7	28.1
138	25.0	19.4	29.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142241.D
Acq On : 30 Apr 2025 12:20
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Apr 30 15:41:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.910	152	198828	20.000	ng		0.00
21) Naphthalene-d8	8.192	136	764114	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	402628	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	692116	20.000	ng		0.00
76) Chrysene-d12	14.074	240	449534	20.000	ng		0.00
86) Perylene-d12	15.568	264	332067	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	246136	19.771	ng		0.00
7) Phenol-d6	6.516	99	299244	19.905	ng		-0.01
23) Nitrobenzene-d5	7.463	82	192172	16.523	ng		-0.01
42) 2,4,6-Tribromophenol	10.727	330	63470	17.292	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	636078	22.275	ng		0.00
79) Terphenyl-d14	13.016	244	635233	20.552	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	53052	9.541	ng		97
3) Pyridine	3.469	79	138279	9.569	ng		99
4) n-Nitrosodimethylamine	3.399	42	69527	9.297	ng	#	98
6) Aniline	6.563	93	207232	9.739	ng		100
8) 2-Chlorophenol	6.687	128	122451	9.519	ng		98
9) Benzaldehyde	6.457	77	108198	10.297	ng		99
10) Phenol	6.528	94	157877	9.755	ng		99
11) bis(2-Chloroethyl)ether	6.634	93	124281	9.909	ng		99
12) 1,3-Dichlorobenzene	6.851	146	147587	10.141	ng		99
13) 1,4-Dichlorobenzene	6.928	146	147728	10.075	ng		99
14) 1,2-Dichlorobenzene	7.081	146	140999	10.073	ng		99
15) Benzyl Alcohol	7.039	79	101094	9.481	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	227340	10.038	ng		99
17) 2-Methylphenol	7.145	107	102299	9.707	ng		99
18) Hexachloroethane	7.422	117	46369	9.662	ng		94
19) n-Nitroso-di-n-propyla...	7.310	70	93168	10.029	ng		99
20) 3+4-Methylphenols	7.298	107	131546	9.981	ng		97
22) Acetophenone	7.310	105	184253	10.423	ng		96
24) Nitrobenzene	7.481	77	99900	8.754	ng		95
25) Isophorone	7.722	82	240659	9.859	ng		100
26) 2-Nitrophenol	7.804	139	21744	9.530	ng		98
27) 2,4-Dimethylphenol	7.834	122	121707	9.889	ng		97
28) bis(2-Chloroethoxy)met...	7.934	93	154349	10.026	ng		99
29) 2,4-Dichlorophenol	8.034	162	96761	9.404	ng		98
30) 1,2,4-Trichlorobenzene	8.128	180	115815	10.087	ng		99
31) Naphthalene	8.210	128	397159	10.422	ng		99
32) Benzoic acid	7.881	122	18272	13.045	ng		96
33) 4-Chloroaniline	8.257	127	157999	9.957	ng		99
34) Hexachlorobutadiene	8.334	225	66829	9.976	ng		98
35) Caprolactam	8.586	113	27800	8.989	ng		98
36) 4-Chloro-3-methylphenol	8.722	107	101179	9.576	ng		99
37) 2-Methylnaphthalene	8.904	142	243429	10.390	ng		99
38) 1-Methylnaphthalene	9.004	142	250299	10.312	ng		99
40) 1,2,4,5-Tetrachloroben...	9.069	216	115685	10.209	ng		98
41) Hexachlorocyclopentadiene	9.057	237	53365	8.298	ng		98
43) 2,4,6-Trichlorophenol	9.175	196	66271	9.438	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142241.D
Acq On : 30 Apr 2025 12:20
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Apr 30 15:41:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

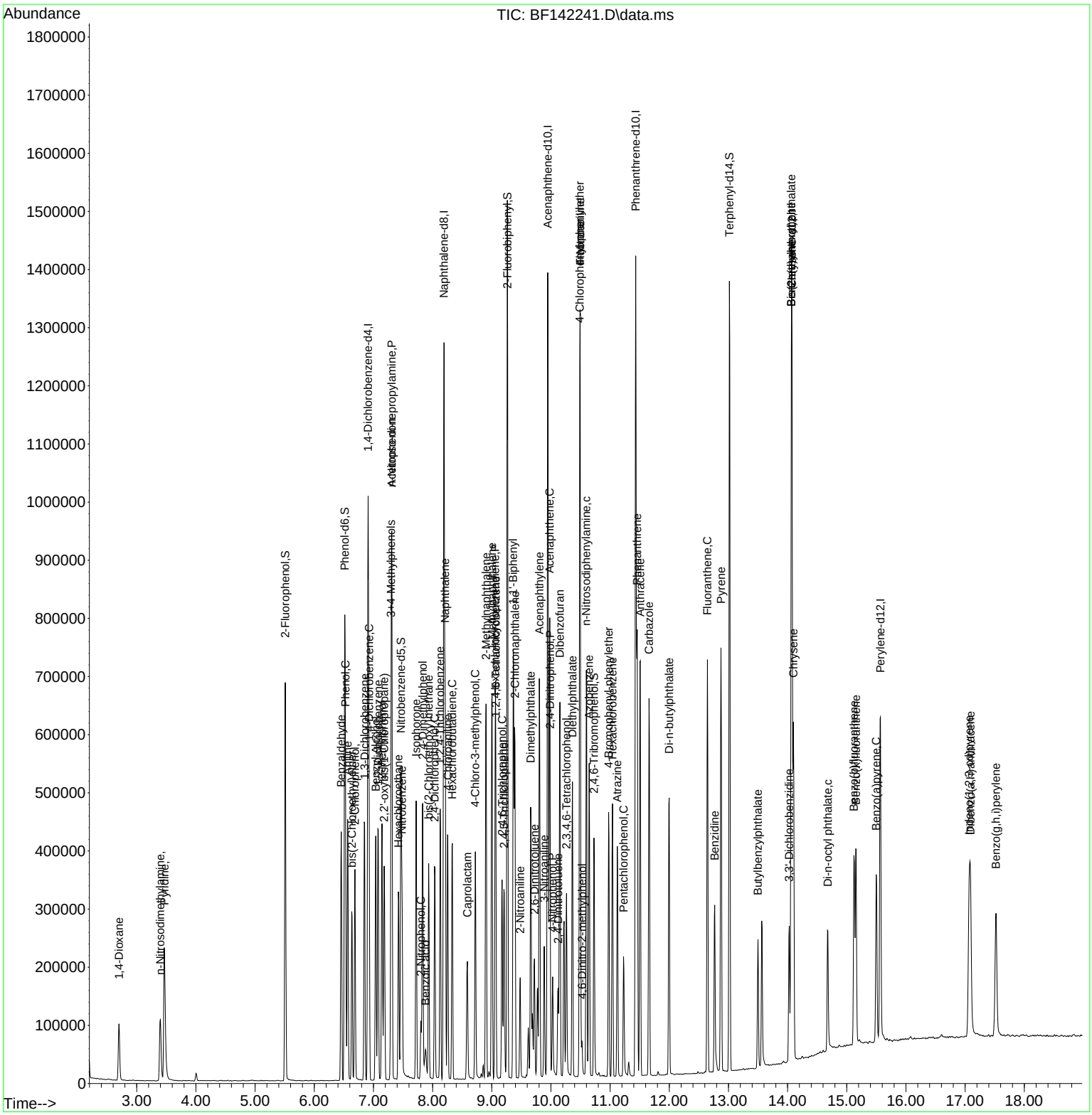
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.210	196	66509	9.009	ng		98
46)	1,1'-Biphenyl	9.363	154	326241	10.423	ng		99
47)	2-Chloronaphthalene	9.392	162	236725	10.165	ng		99
48)	2-Nitroaniline	9.480	65	31455	9.382	ng		98
49)	Acenaphthylene	9.804	152	407630	10.373	ng		98
50)	Dimethylphthalate	9.657	163	258512	10.036	ng		99
51)	2,6-Dinitrotoluene	9.722	165	27624	9.147	ng		91
52)	Acenaphthene	9.980	154	236444	10.305	ng		99
53)	3-Nitroaniline	9.886	138	37727	9.049	ng	#	97
54)	2,4-Dinitrophenol	9.986	184	4993	11.362	ng	#	1
55)	Dibenzofuran	10.151	168	357431	10.392	ng		99
56)	4-Nitrophenol	10.028	139	26399	6.520	ng		91
57)	2,4-Dinitrotoluene	10.122	165	29245	9.405	ng		94
58)	Fluorene	10.492	166	282449	10.800	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.263	232	53660	8.775	ng		99
60)	Diethylphthalate	10.363	149	254431	10.003	ng		98
61)	4-Chlorophenyl-phenyle...	10.486	204	129149	10.398	ng		99
62)	4-Nitroaniline	10.492	138	35703	8.911	ng		88
63)	Azobenzene	10.645	77	253731	10.102	ng		99
65)	4,6-Dinitro-2-methylph...	10.527	198	7762	13.263	ng		95
66)	n-Nitrosodiphenylamine	10.598	169	237471	10.042	ng		100
67)	4-Bromophenyl-phenylether	10.975	248	75692	9.820	ng		97
68)	Hexachlorobenzene	11.039	284	84881	9.832	ng		96
69)	Atrazine	11.122	200	59553	9.554	ng		98
70)	Pentachlorophenol	11.227	266	32058	7.029	ng		99
71)	Phenanthrene	11.457	178	385677	10.316	ng		99
72)	Anthracene	11.510	178	401700	10.509	ng		98
73)	Carbazole	11.657	167	362249	10.389	ng		98
74)	Di-n-butylphthalate	11.998	149	348111	9.927	ng		99
75)	Fluoranthene	12.645	202	395757	10.709	ng		99
77)	Benzidine	12.769	184	168038	8.797	ng		99
78)	Pyrene	12.874	202	404860	9.763	ng		100
80)	Butylbenzylphthalate	13.498	149	65964	9.084	ng		98
81)	Benzo(a)anthracene	14.063	228	296710	9.832	ng		99
82)	3,3'-Dichlorobenzidine	14.027	252	71321	8.046	ng		98
83)	Chrysene	14.098	228	271875	9.897	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.063	149	100777	9.409	ng		99
85)	Di-n-octyl phthalate	14.680	149	150072	10.622	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.068	276	229818	9.449	ng		100
88)	Benzo(b)fluoranthene	15.121	252	202615	9.823	ng		99
89)	Benzo(k)fluoranthene	15.157	252	192500	10.203	ng		98
90)	Benzo(a)pyrene	15.498	252	182258	9.651	ng		99
91)	Dibenzo(a,h)anthracene	17.092	278	187788	9.513	ng		99
92)	Benzo(g,h,i)perylene	17.521	276	188891	9.518	ng		99

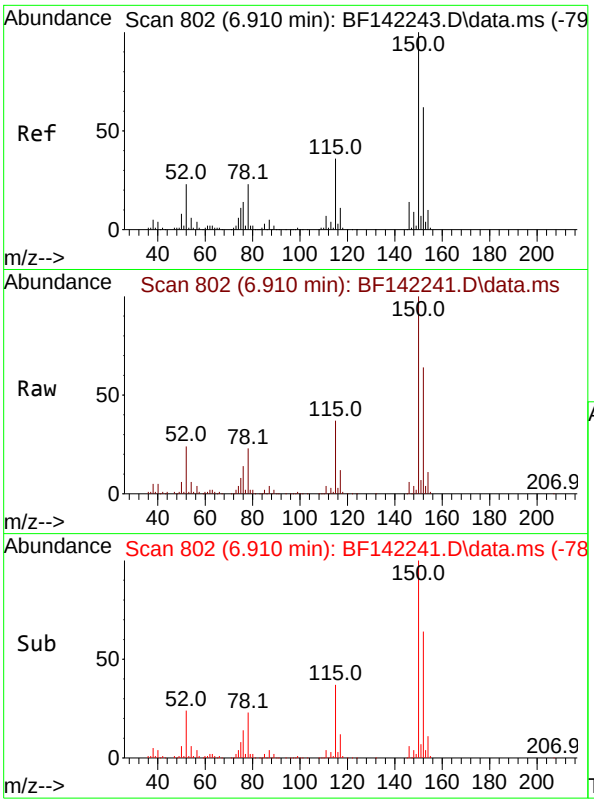
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142241.D
Acq On : 30 Apr 2025 12:20
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Apr 30 15:41:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration



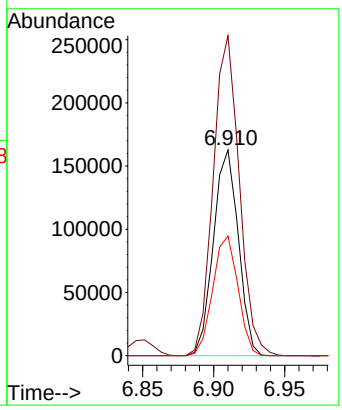


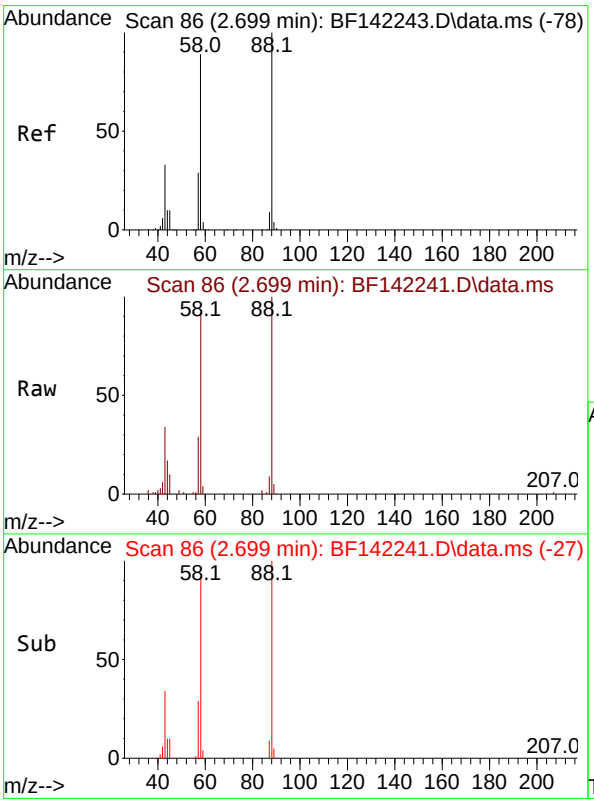
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 198828

Ion	Ratio	Lower	Upper
152	100		
150	155.6	130.2	195.2
115	58.2	47.0	70.4

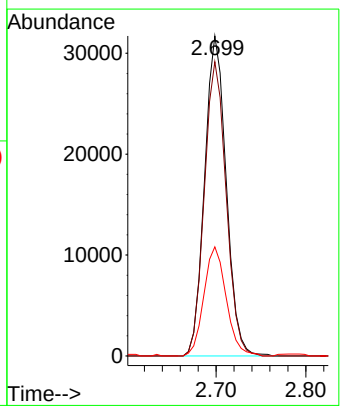


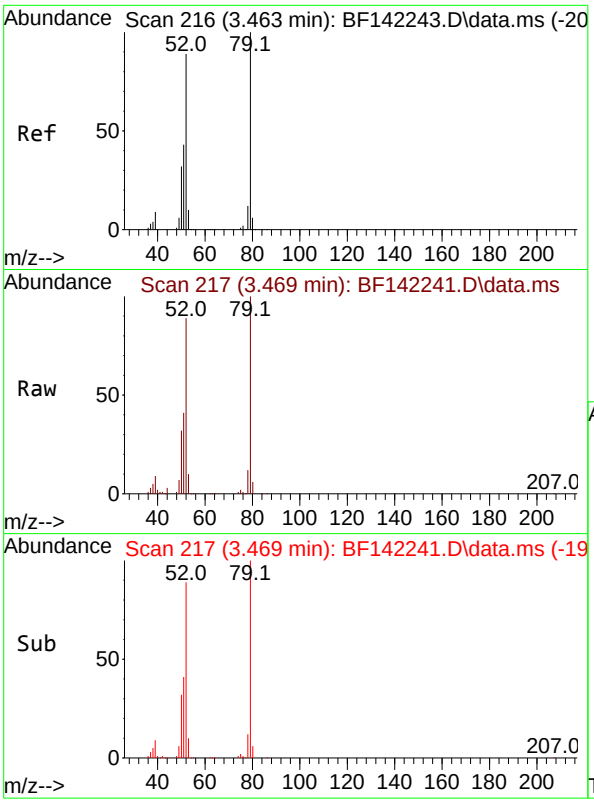


#2
1,4-Dioxane
Concen: 9.541 ng
RT: 2.699 min Scan# 86
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion: 88 Resp: 53052

Ion	Ratio	Lower	Upper
88	100		
58	92.8	72.2	108.2
43	35.3	27.0	40.6



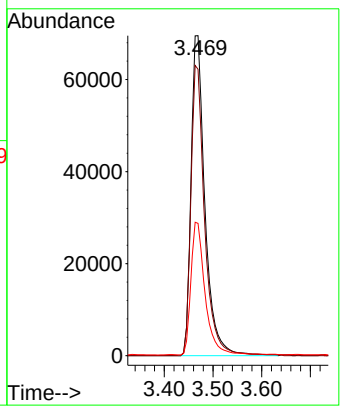


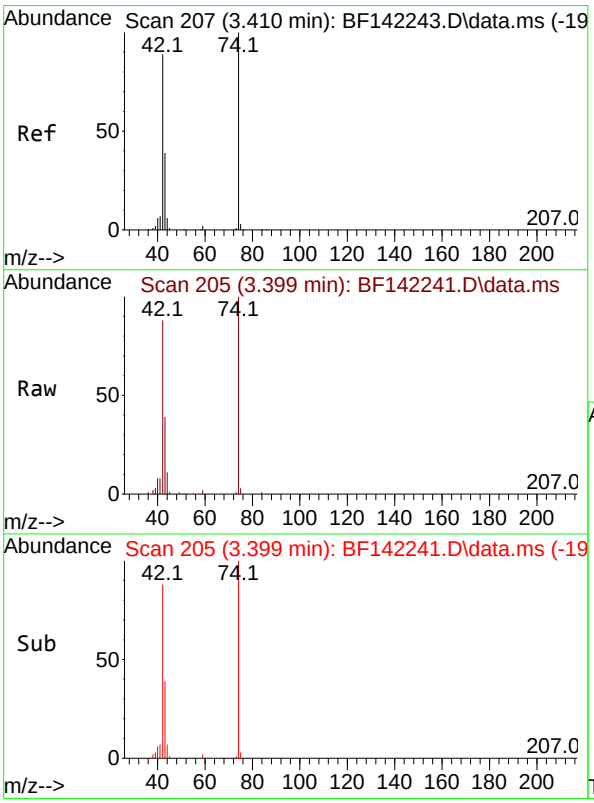
#3
Pyridine
Concen: 9.569 ng
RT: 3.469 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 138279

Ion	Ratio	Lower	Upper
79	100		
52	89.5	71.5	107.3
51	41.3	34.5	51.7

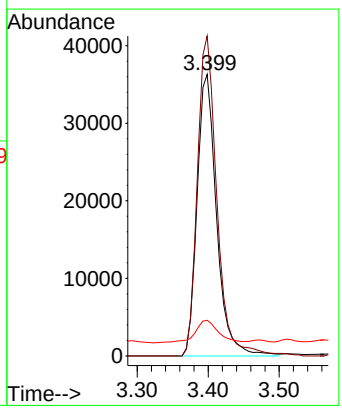


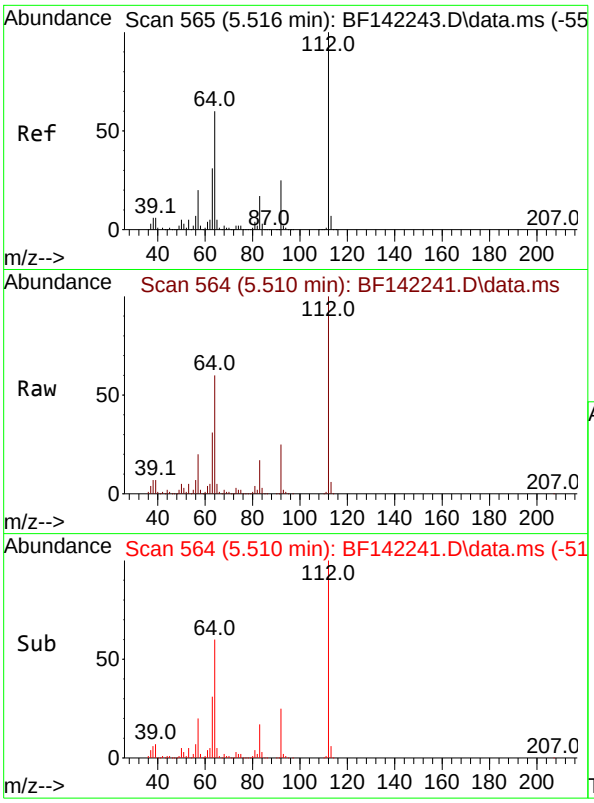


#4
n-Nitrosodimethylamine
Concen: 9.297 ng
RT: 3.399 min Scan# 205
Delta R.T. -0.012 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion: 42 Resp: 69527

Ion	Ratio	Lower	Upper
42	100		
74	113.7	89.5	134.3
44	12.7	6.6	9.8#



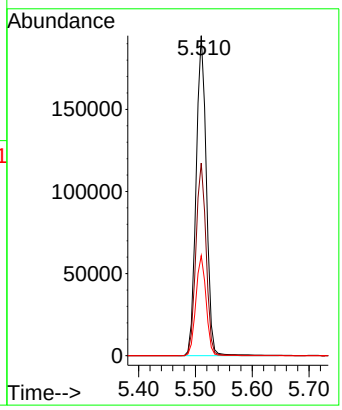


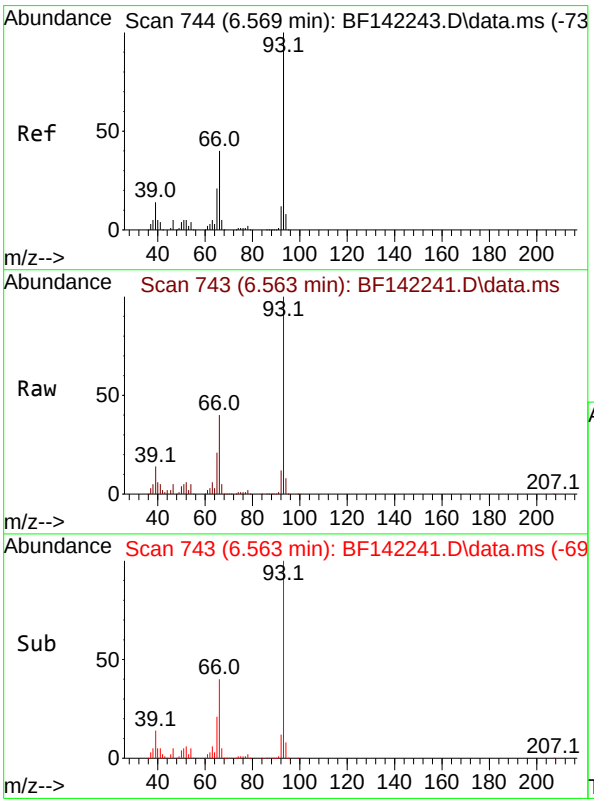
#5
2-Fluorophenol
Concen: 19.771 ng
RT: 5.510 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 246136

Ion	Ratio	Lower	Upper
112	100		
64	60.2	48.4	72.6
63	31.3	24.8	37.2

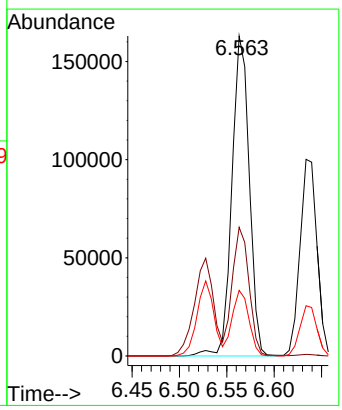


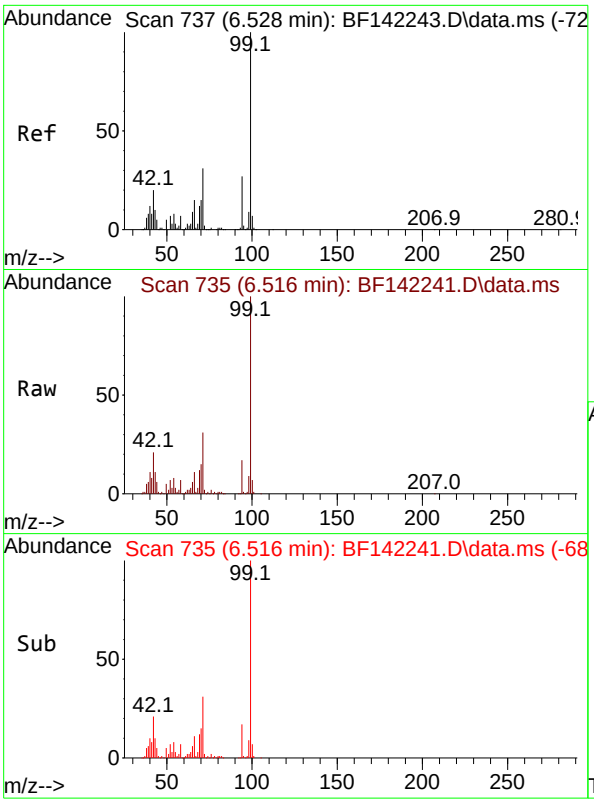


#6
Aniline
Concen: 9.739 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion: 93 Resp: 207232

Ion	Ratio	Lower	Upper
93	100		
66	40.2	32.1	48.1
65	20.5	16.6	24.8



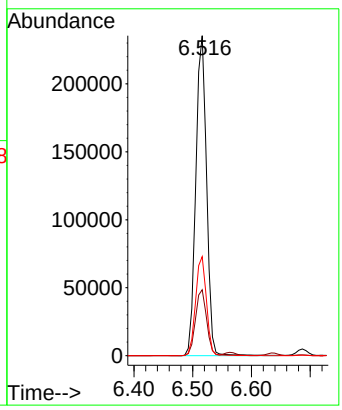


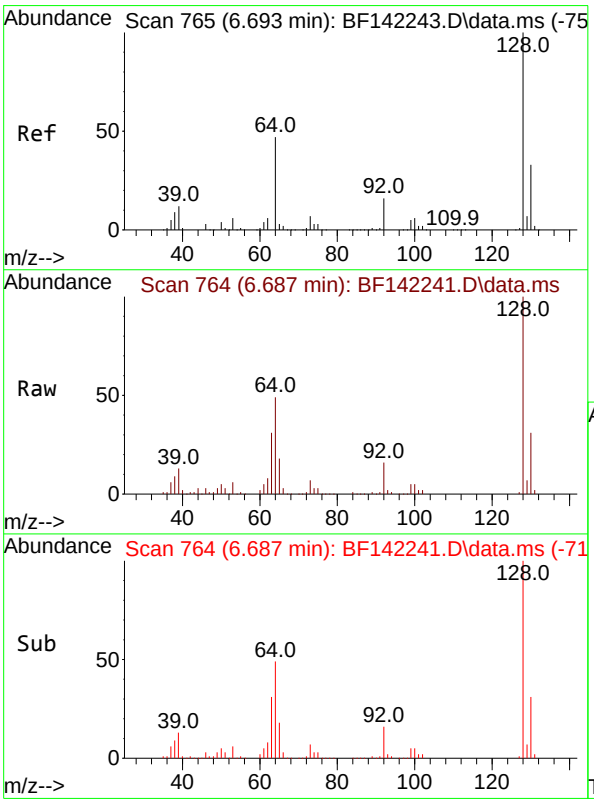
#7
Phenol-d6
Concen: 19.905 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 299244

Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.3	24.5
71	30.9	25.0	37.4

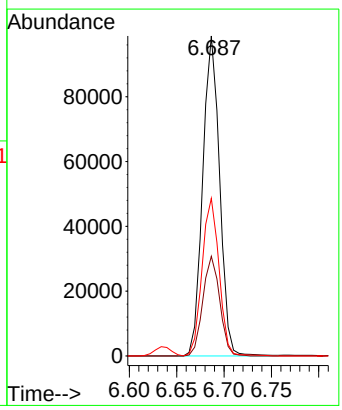


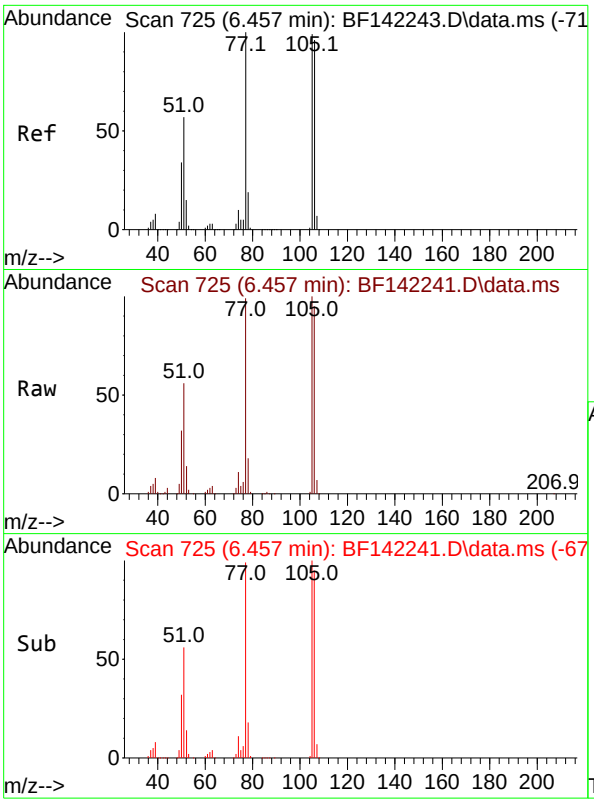


#8
2-Chlorophenol
Concen: 9.519 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:128 Resp: 122451

Ion	Ratio	Lower	Upper
128	100		
130	31.1	13.1	53.1
64	49.2	28.6	68.6



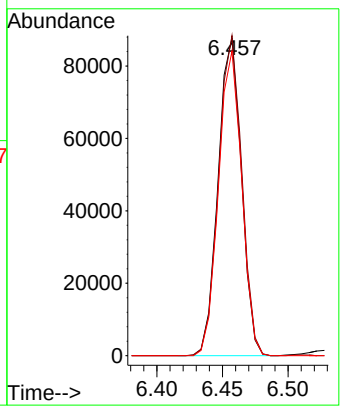


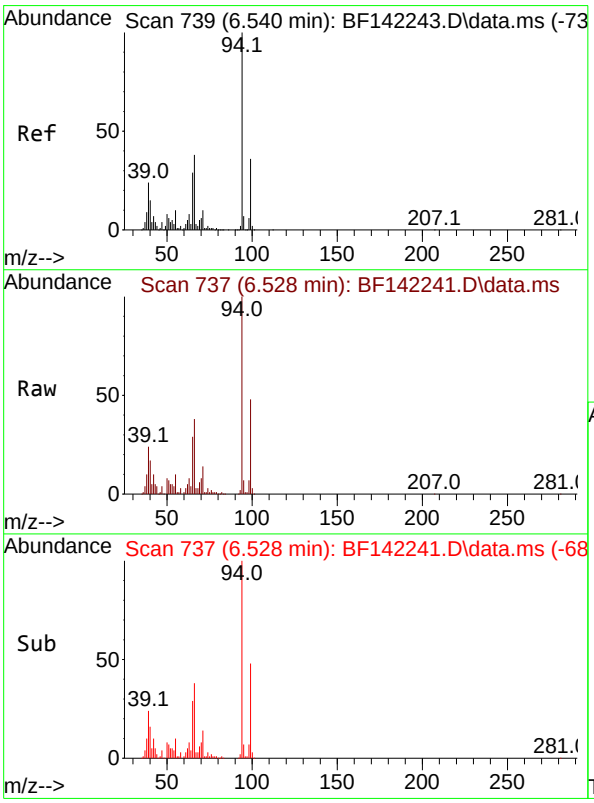
#9
Benzaldehyde
Concen: 10.297 ng
RT: 6.457 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 108198

Ion	Ratio	Lower	Upper
77	100		
105	100.7	79.1	119.1
106	95.9	76.0	116.0

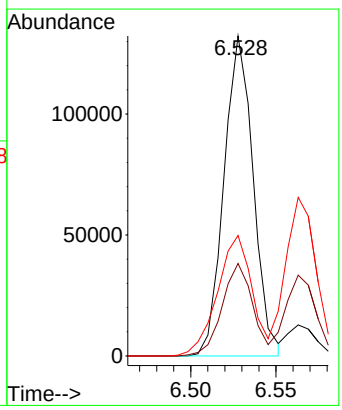


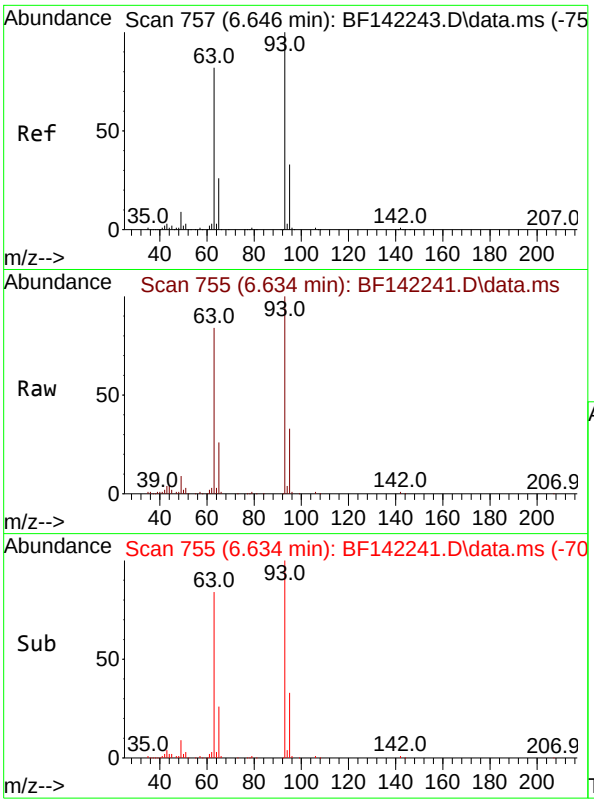


#10
Phenol
Concen: 9.755 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.012 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion: 94 Resp: 157877

Ion	Ratio	Lower	Upper
94	100		
65	28.9	8.9	48.9
66	37.6	18.7	58.7



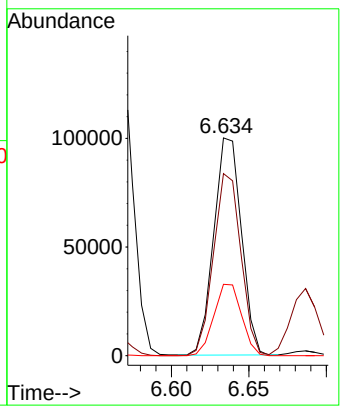


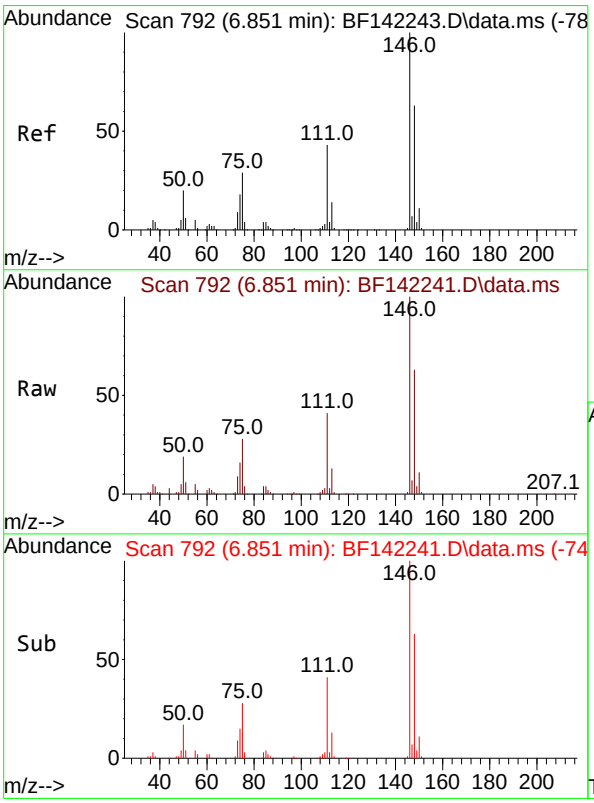
#11
bis(2-Chloroethyl)ether
Concen: 9.909 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 124281

Ion	Ratio	Lower	Upper
93	100		
63	83.6	62.2	102.2
95	32.8	12.7	52.7

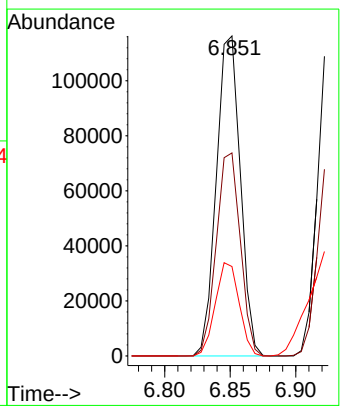


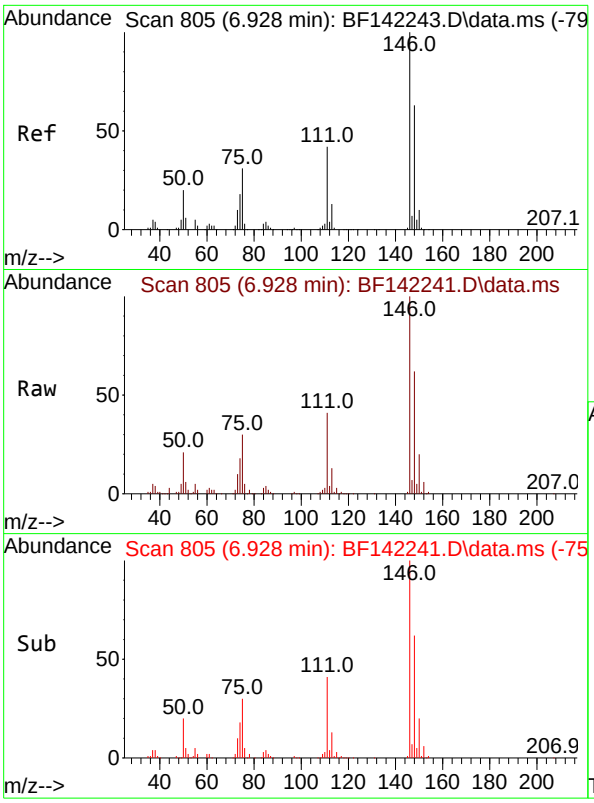


#12
1,3-Dichlorobenzene
Concen: 10.141 ng
RT: 6.851 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:146 Resp: 147587

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.5	75.7
75	28.0	23.2	34.8



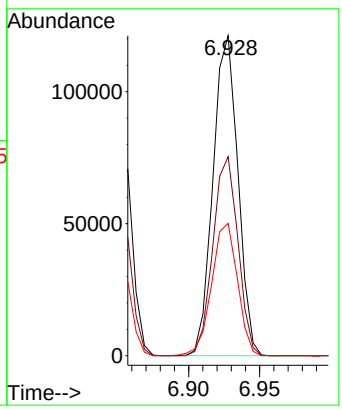


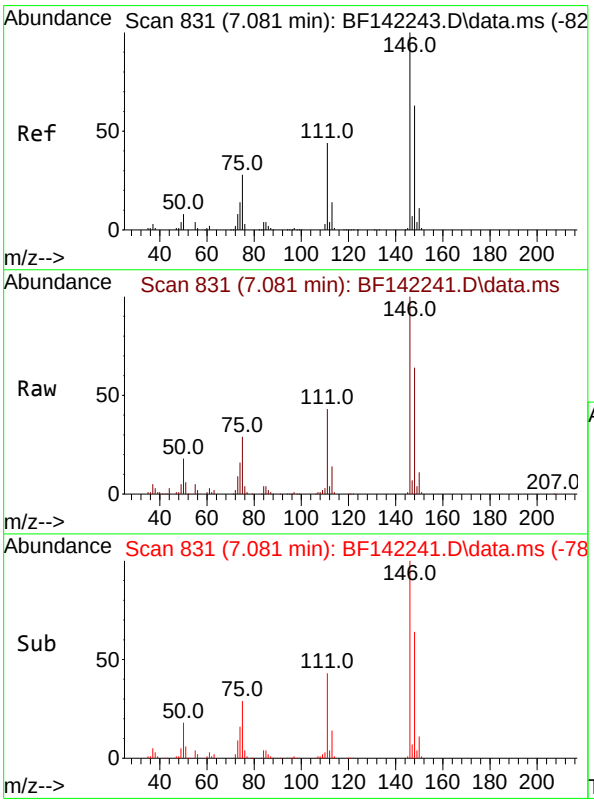
#13
1,4-Dichlorobenzene
Concen: 10.075 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 147728

Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.6	76.0
111	41.4	33.4	50.0

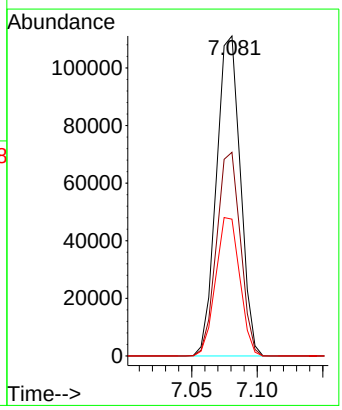


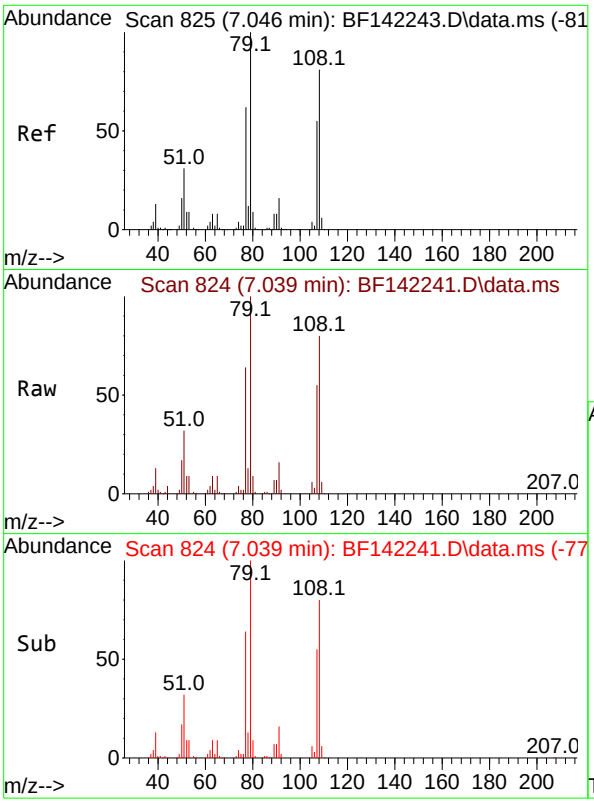


#14
1,2-Dichlorobenzene
Concen: 10.073 ng
RT: 7.081 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:146 Resp: 140999

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.5	75.7
111	42.8	34.9	52.3



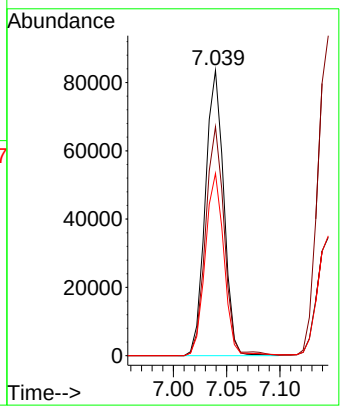


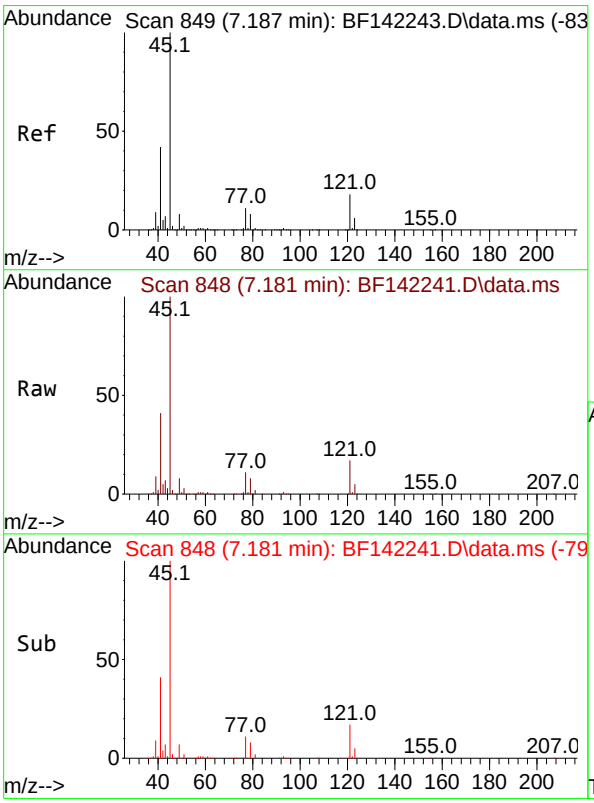
#15
Benzyl Alcohol
Concen: 9.481 ng
RT: 7.039 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 101094

Ion	Ratio	Lower	Upper
79	100		
108	80.3	64.5	96.7
77	63.9	49.2	73.8

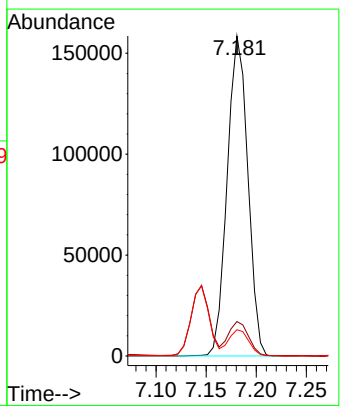


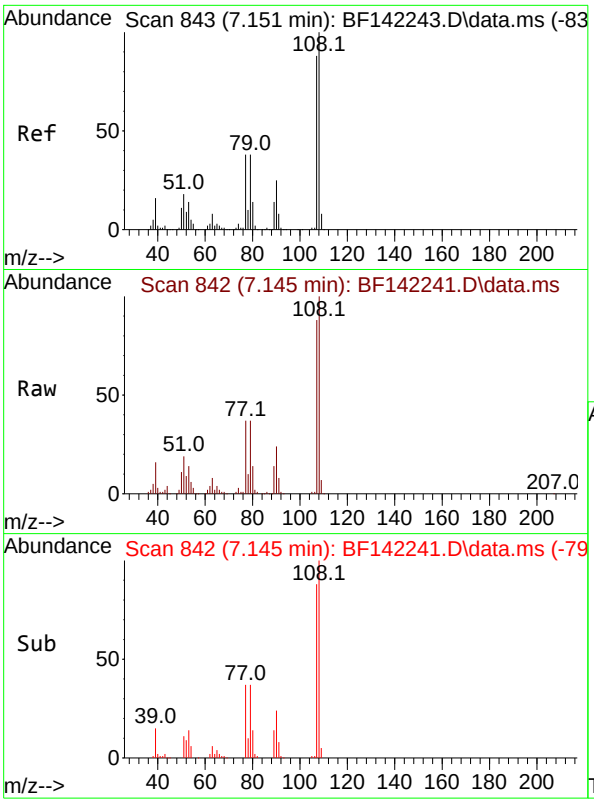


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.038 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion: 45 Resp: 227340

Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	31.3
79	8.2	0.0	28.5



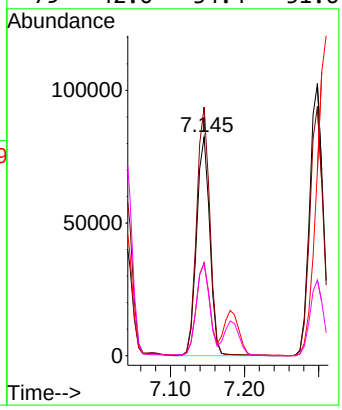


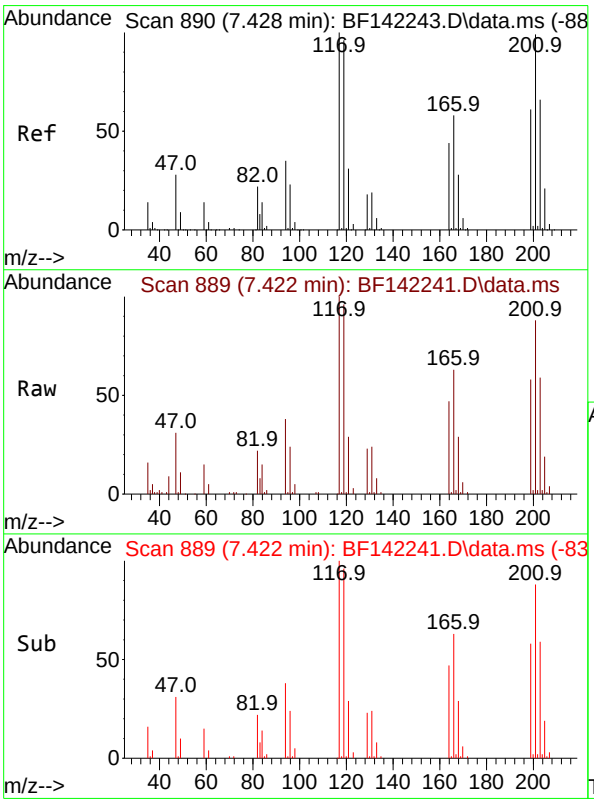
#17
2-Methylphenol
Concen: 9.707 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 102299

Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.0	136.4
77	42.5	34.4	51.6
79	42.0	34.4	51.6

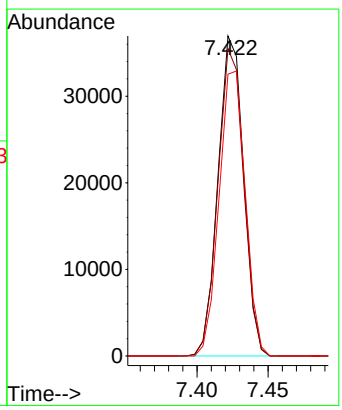


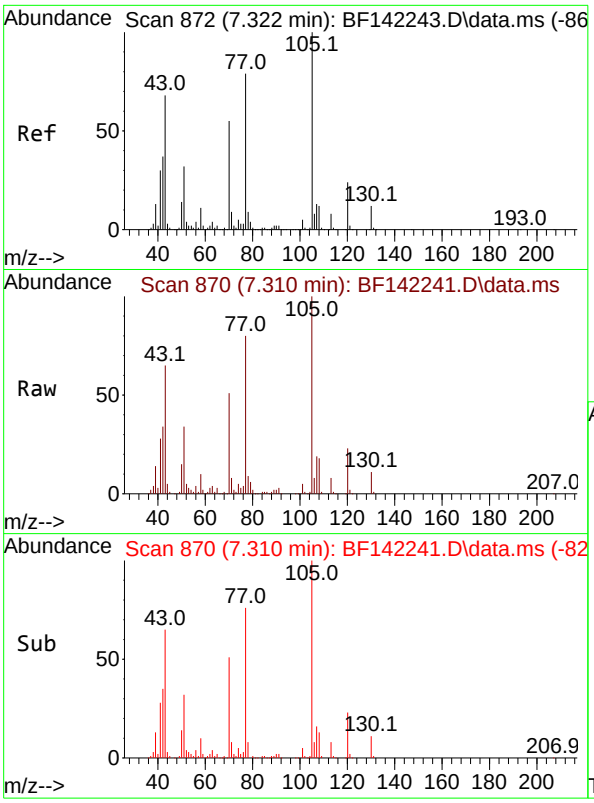


#18
Hexachloroethane
Concen: 9.662 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:117 Resp: 46369

Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.1	115.7
201	88.1	79.4	119.2



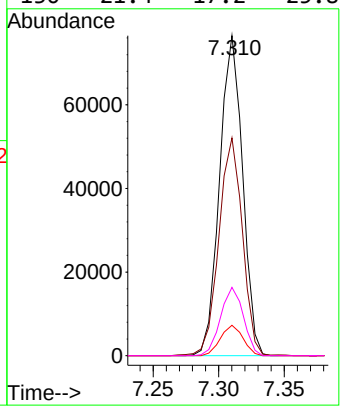


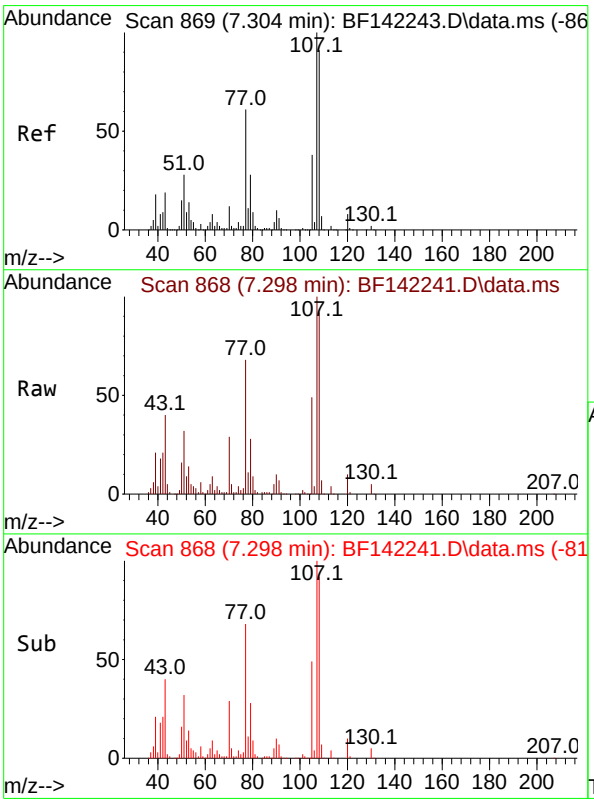
#19
n-Nitroso-di-n-propylamine
Concen: 10.029 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 93168

Ion	Ratio	Lower	Upper
70	100		
42	68.0	53.4	80.2
101	9.5	7.7	11.5
130	21.4	17.2	25.8

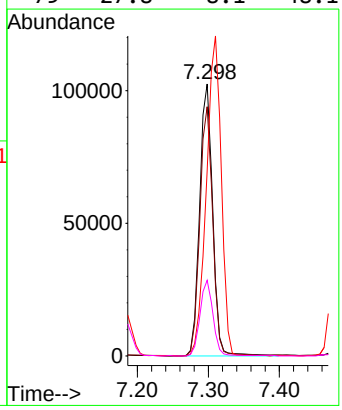


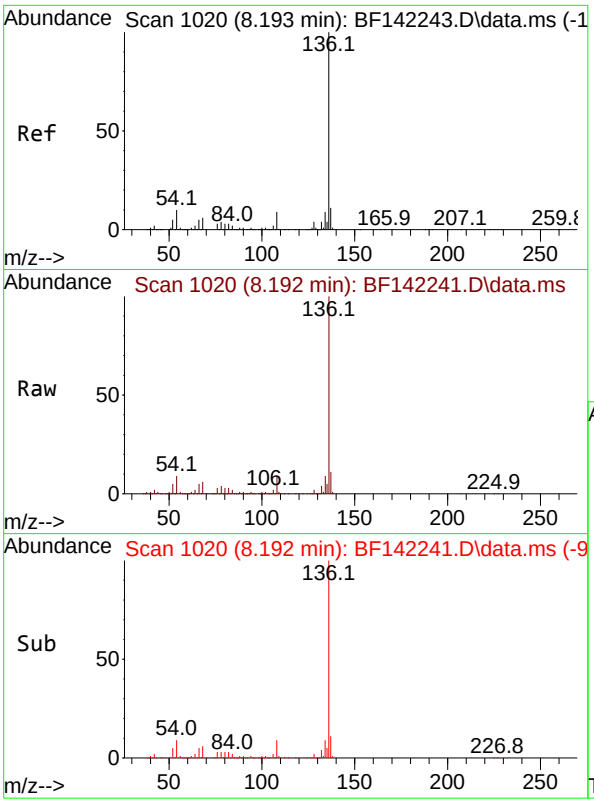


#20
3+4-Methylphenols
Concen: 9.981 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:107 Resp: 131546

Ion	Ratio	Lower	Upper
107	100		
108	91.7	71.2	111.2
77	68.1	41.1	81.1
79	27.8	8.1	48.1



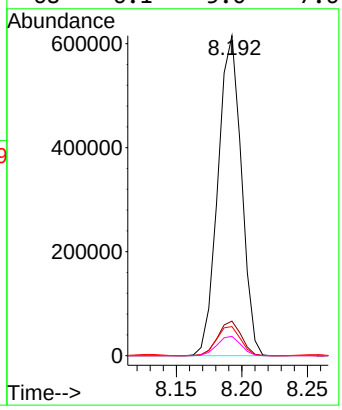


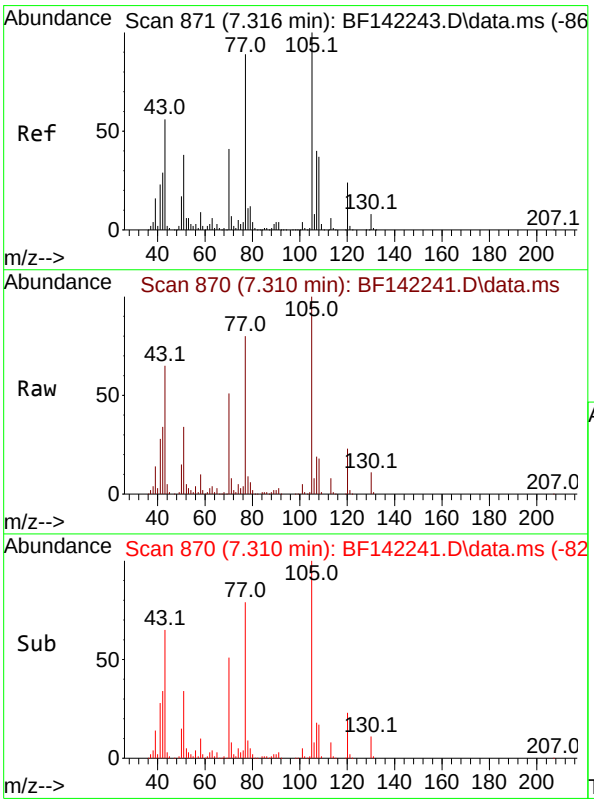
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1
Delta R.T. -0.001 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 764114

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.1	7.7	11.5
68	6.1	5.0	7.6

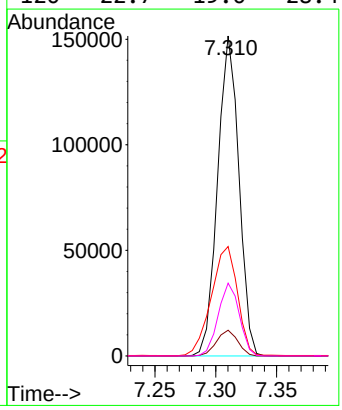


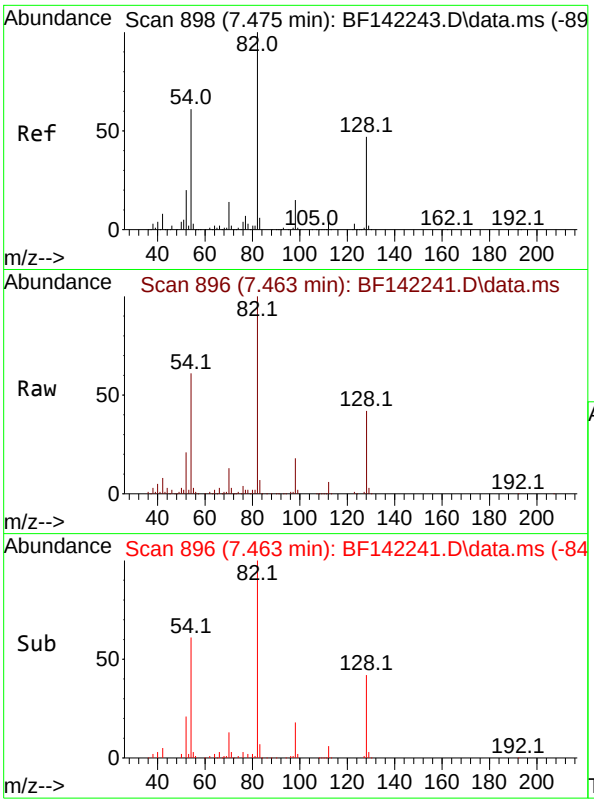


#22
Acetophenone
Concen: 10.423 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:105 Resp: 184253

Ion	Ratio	Lower	Upper
105	100		
71	8.1	5.7	8.5
51	34.2	30.1	45.1
120	22.7	19.0	28.4



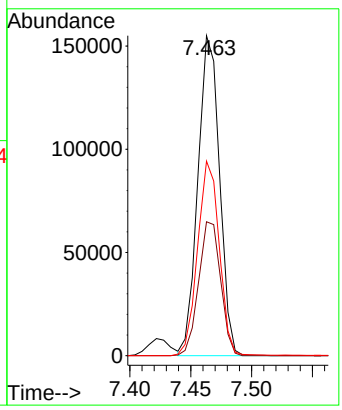


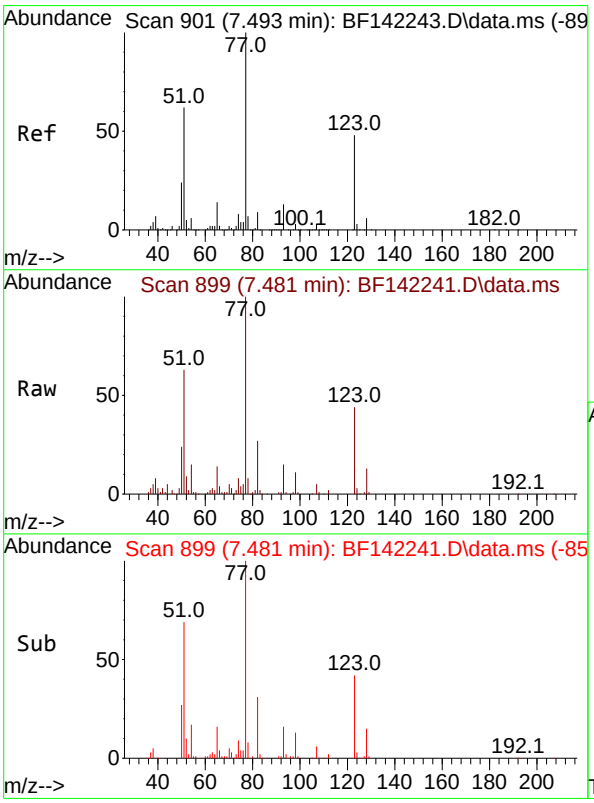
#23
Nitrobenzene-d5
Concen: 16.523 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 192172

Ion	Ratio	Lower	Upper
82	100		
128	41.8	37.0	55.6
54	60.8	48.0	72.0

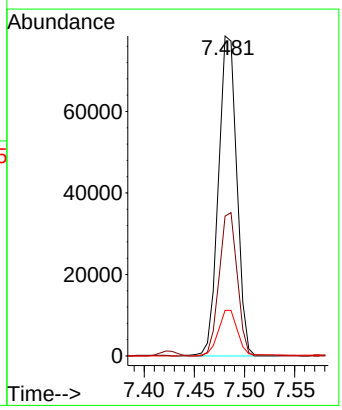


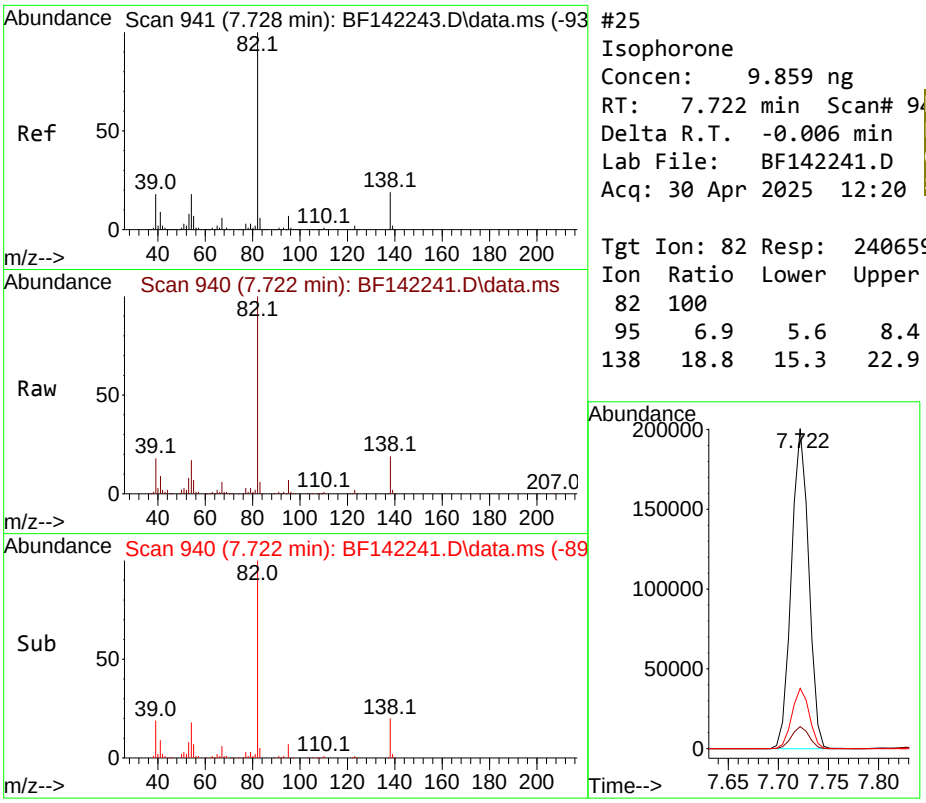


#24
Nitrobenzene
Concen: 8.754 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion: 77 Resp: 99900

Ion	Ratio	Lower	Upper
77	100		
123	43.7	38.6	58.0
65	14.3	11.5	17.3



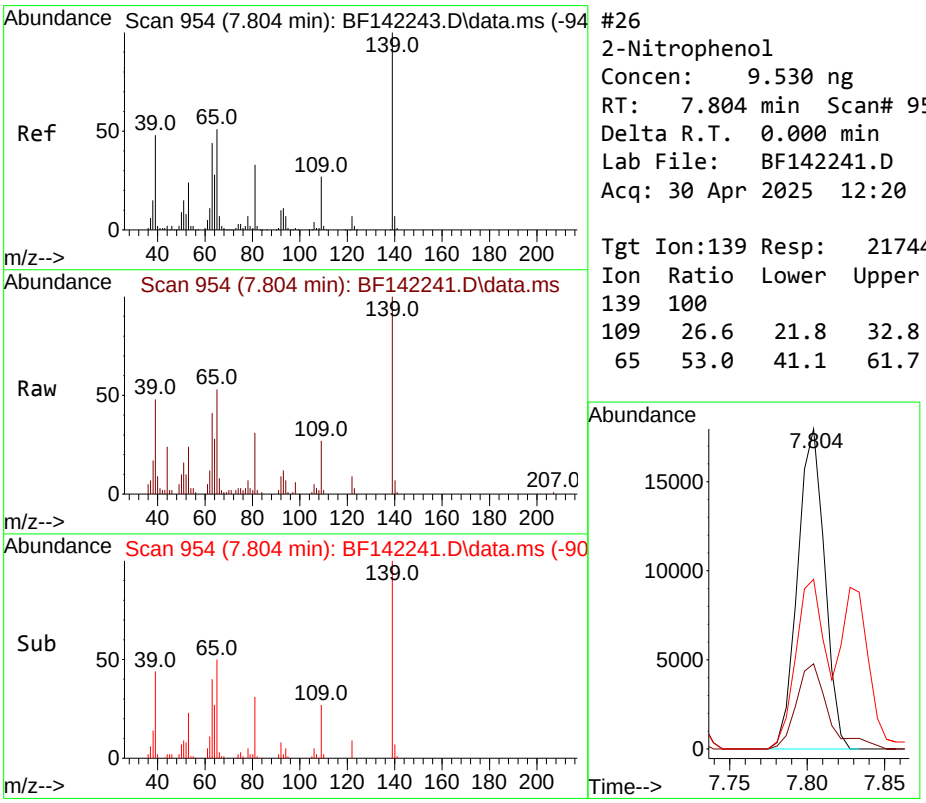


#25
Isophorone
Concen: 9.859 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 240659

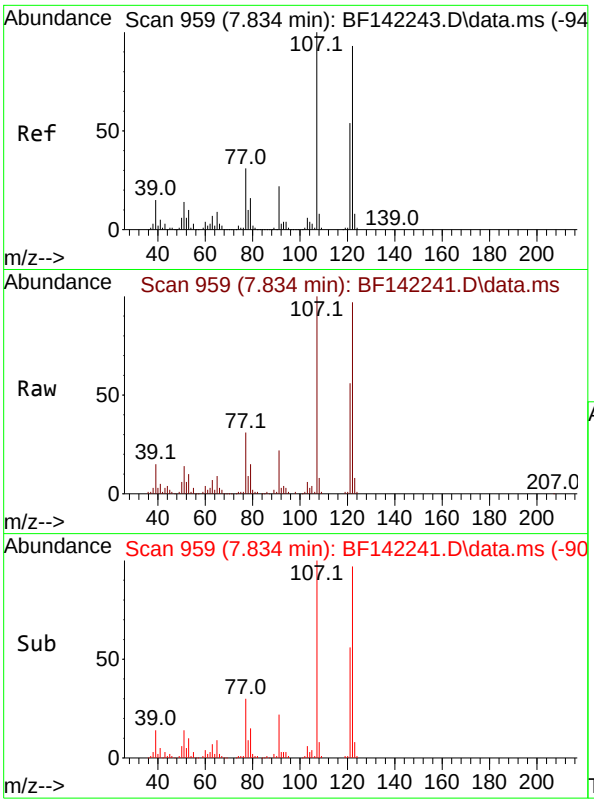
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.6	8.4
138	18.8	15.3	22.9



#26
2-Nitrophenol
Concen: 9.530 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:139 Resp: 21744

Ion	Ratio	Lower	Upper
139	100		
109	26.6	21.8	32.8
65	53.0	41.1	61.7

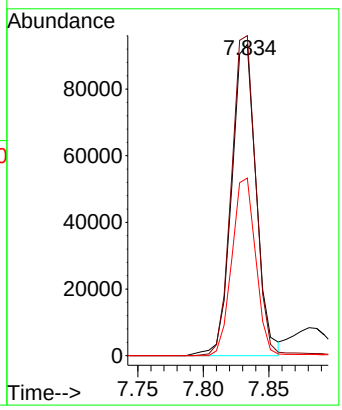


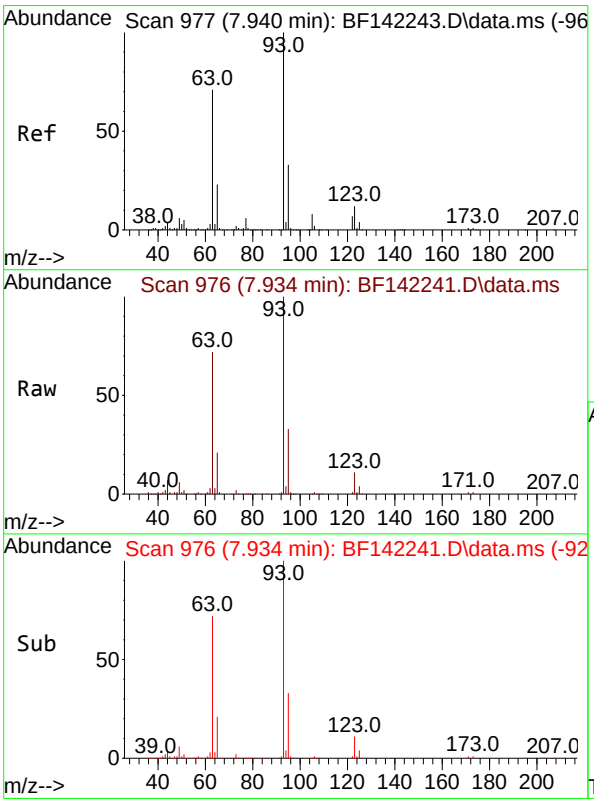
#27
2,4-Dimethylphenol
Concen: 9.889 ng
RT: 7.834 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 121707

Ion	Ratio	Lower	Upper
122	100		
107	102.8	86.0	129.0
121	57.1	46.3	69.5

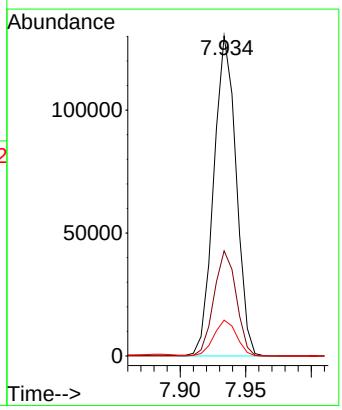


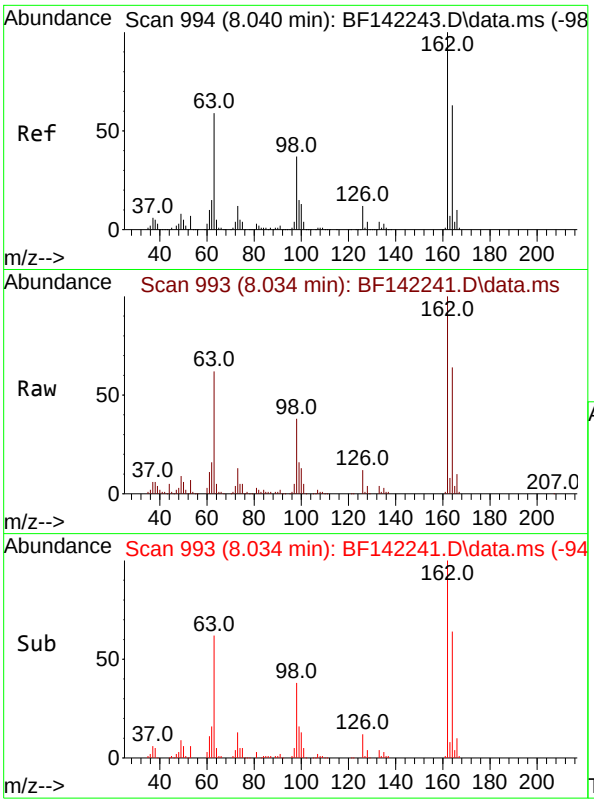


#28
bis(2-Chloroethoxy)methane
Concen: 10.026 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion: 93 Resp: 154349

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.2
123	11.2	9.7	14.5



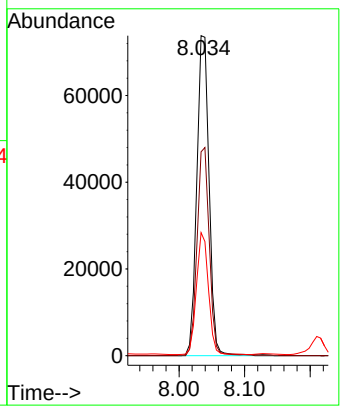


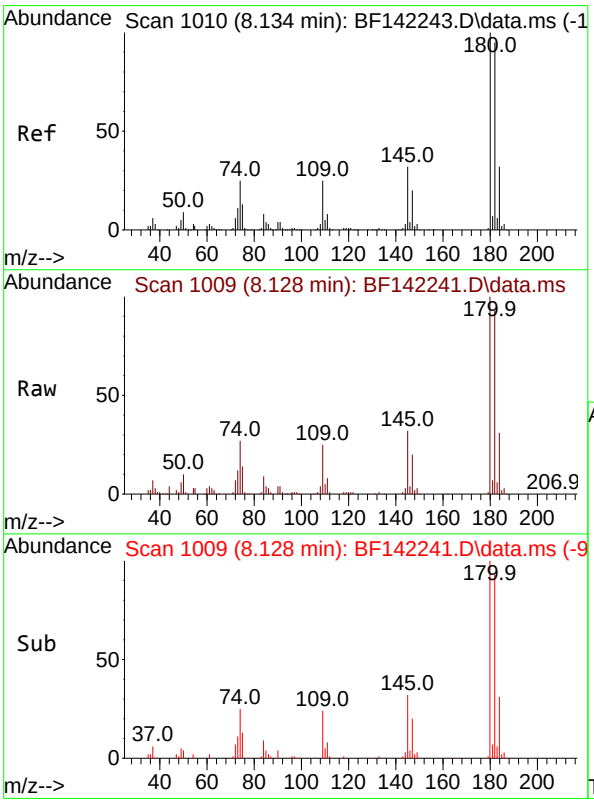
#29
2,4-Dichlorophenol
Concen: 9.404 ng
RT: 8.034 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 96761

Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.0	83.0
98	38.4	16.7	56.7

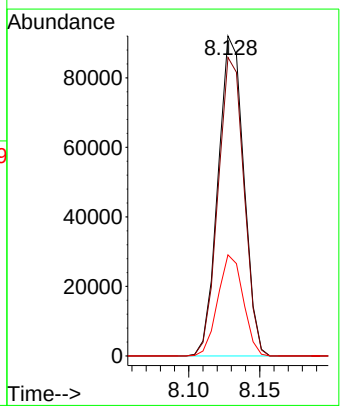


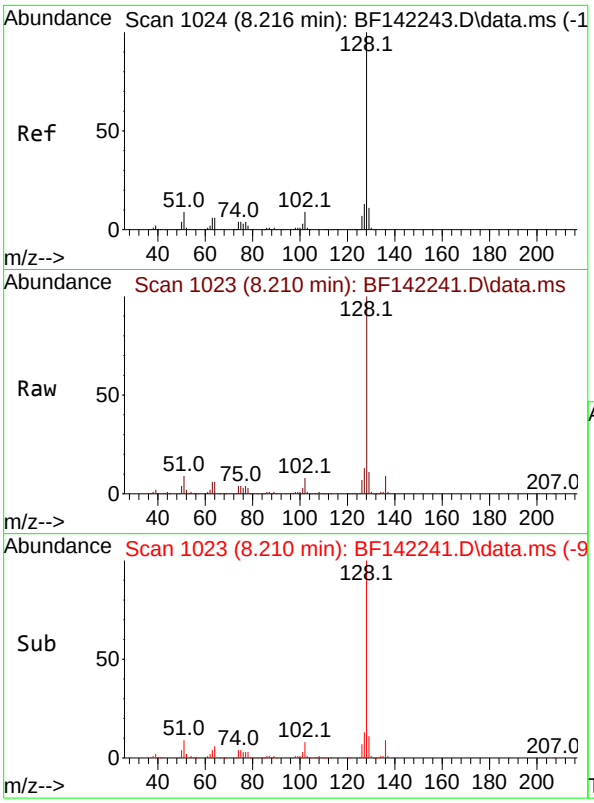


#30
1,2,4-Trichlorobenzene
Concen: 10.087 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:180 Resp: 115815

Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.7	113.5
145	31.6	25.4	38.0



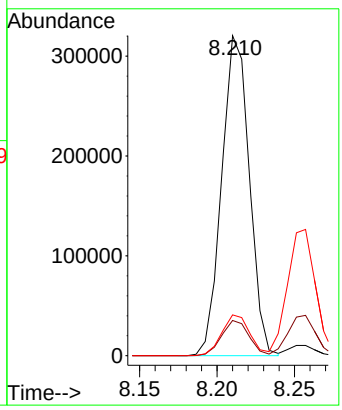


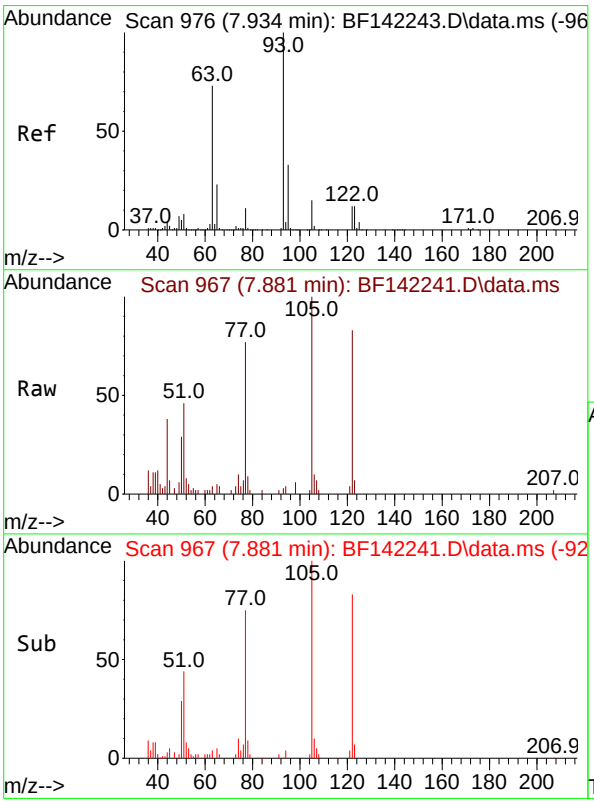
#31
Naphthalene
Concen: 10.422 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 397159

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	12.8	10.6	15.8

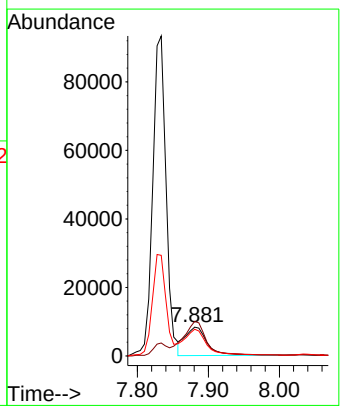


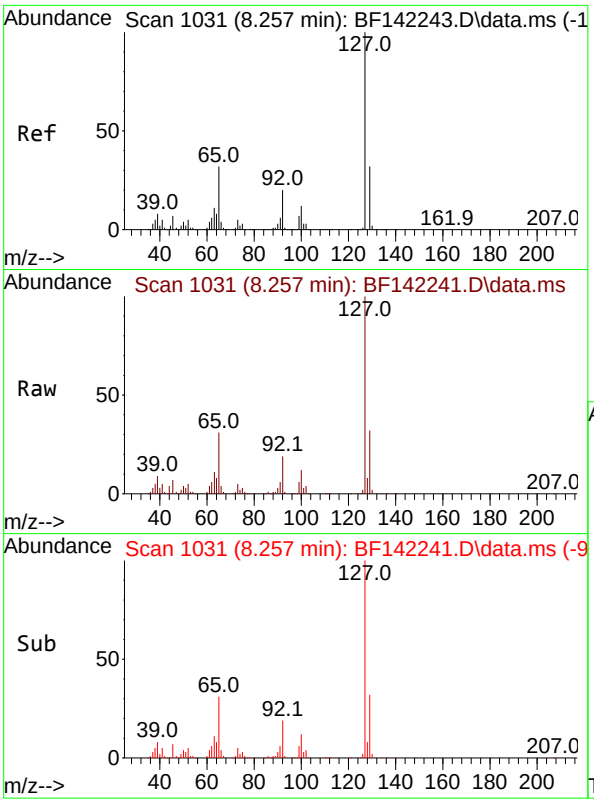


#32
Benzoic acid
Concen: 13.045 ng
RT: 7.881 min Scan# 967
Delta R.T. -0.053 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:122 Resp: 18272

Ion	Ratio	Lower	Upper
122	100		
105	120.0	98.2	138.2
77	92.6	66.8	106.8



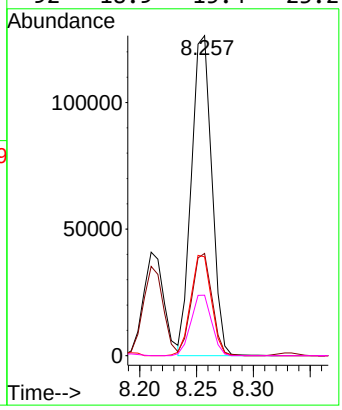


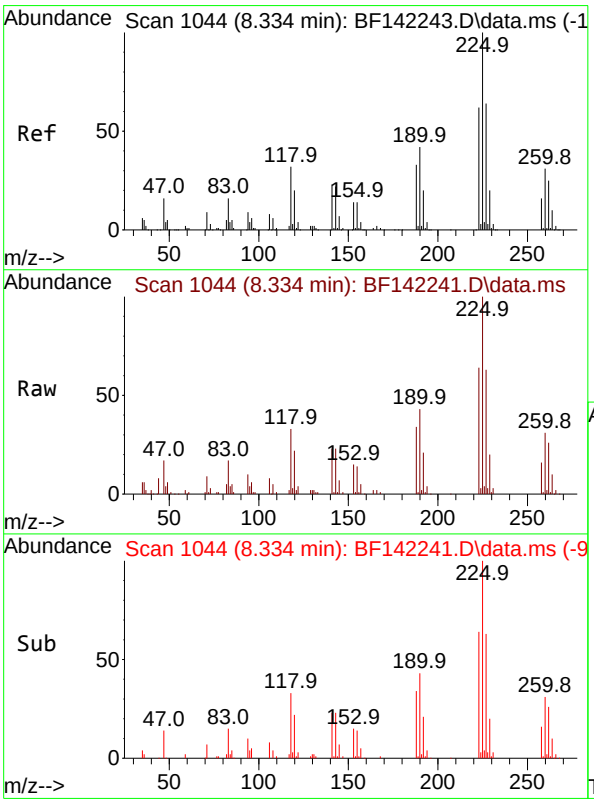
#33
4-Chloroaniline
Concen: 9.957 ng
RT: 8.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 157999

Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.1	39.1
65	30.9	25.5	38.3
92	18.9	15.4	23.2

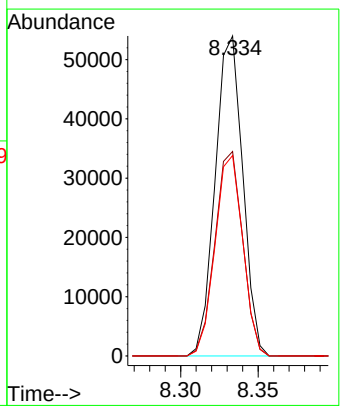


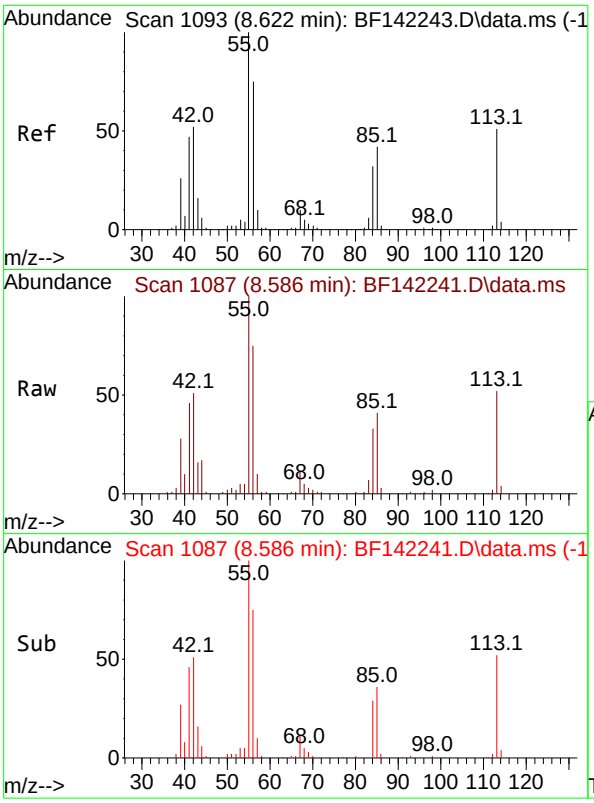


#34
Hexachlorobutadiene
Concen: 9.976 ng
RT: 8.334 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:225 Resp: 66829

Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.7	74.5
227	62.6	51.0	76.4



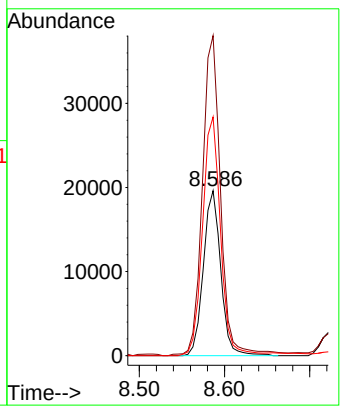


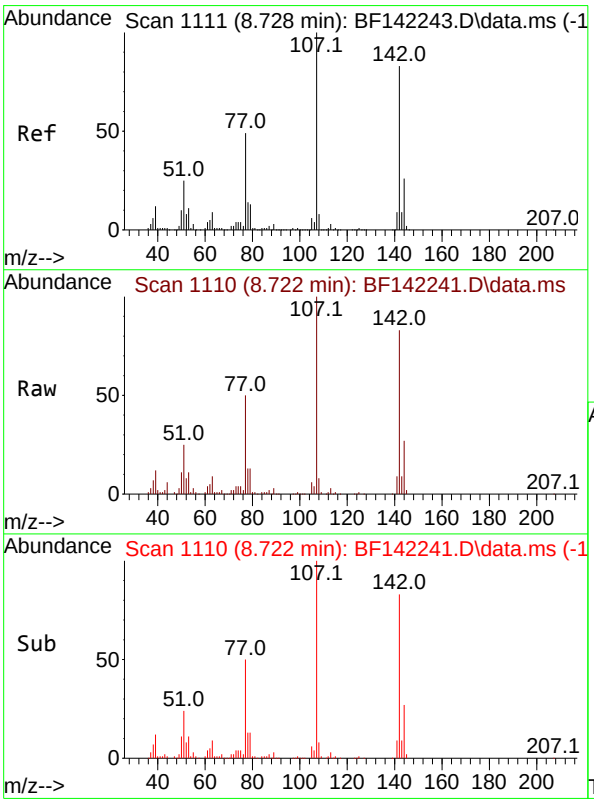
#35
Caprolactam
Concen: 8.989 ng
RT: 8.586 min Scan# 1
Delta R.T. -0.035 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 27800

Ion	Ratio	Lower	Upper
113	100		
55	194.0	177.7	217.7
56	144.7	127.1	167.1

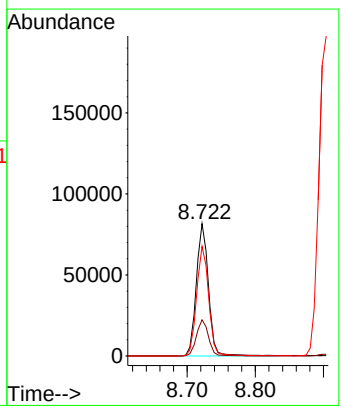


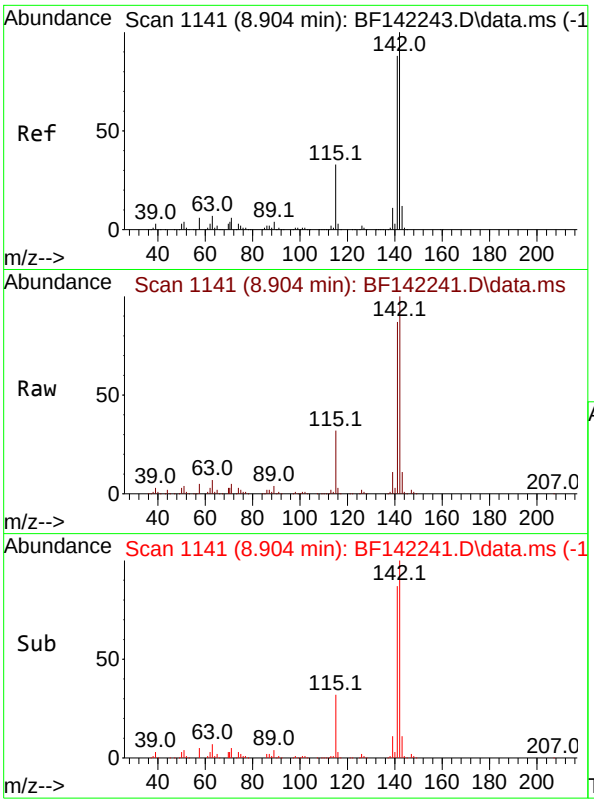


#36
4-Chloro-3-methylphenol
Concen: 9.576 ng
RT: 8.722 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:107 Resp: 101179

Ion	Ratio	Lower	Upper
107	100		
144	27.3	21.0	31.4
142	82.8	66.1	99.1



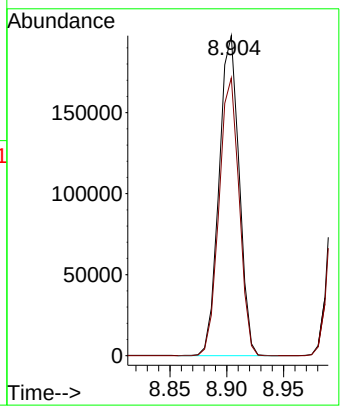


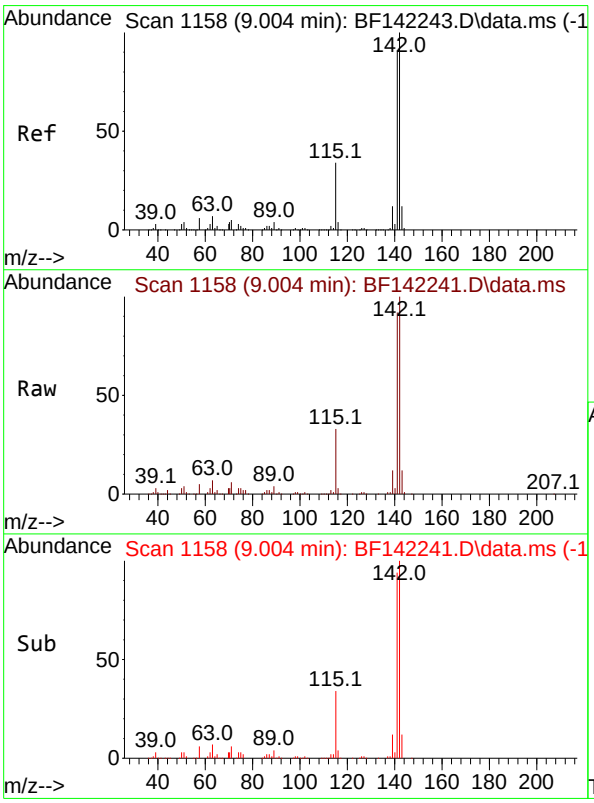
#37
2-Methylnaphthalene
Concen: 10.390 ng
RT: 8.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 243429

Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.5	105.7

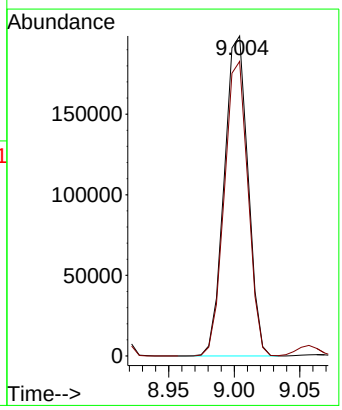


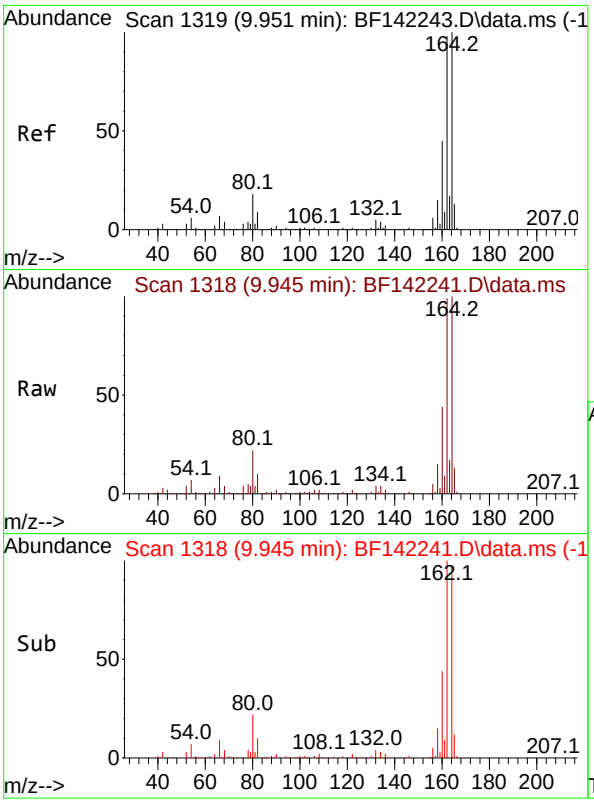


#38
1-Methylnaphthalene
Concen: 10.312 ng
RT: 9.004 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:142 Resp: 250299

Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.8	109.2



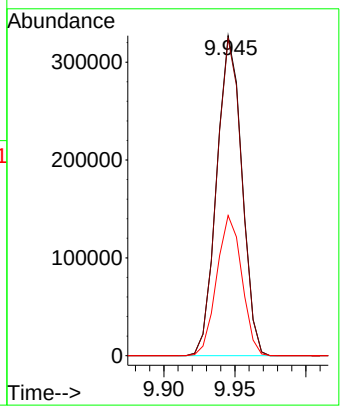


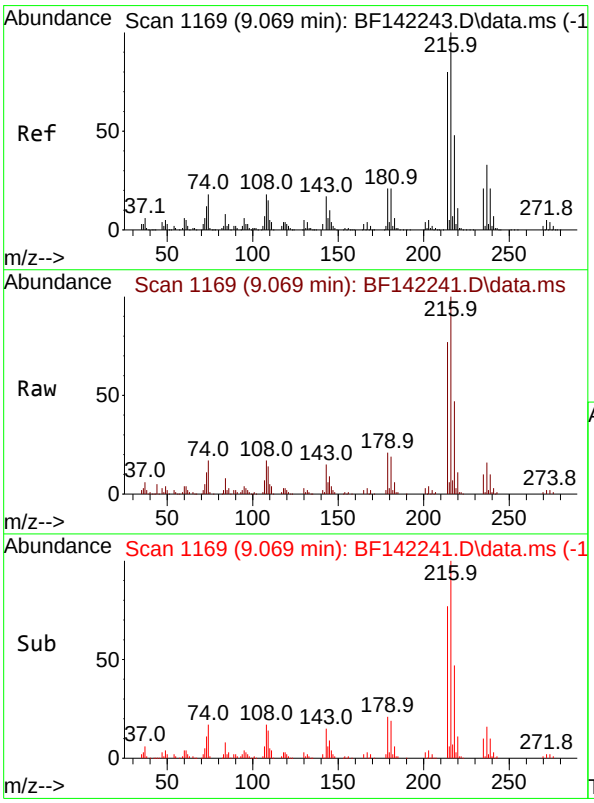
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 402628

Ion	Ratio	Lower	Upper
164	100		
162	99.1	78.6	117.8
160	43.8	35.7	53.5

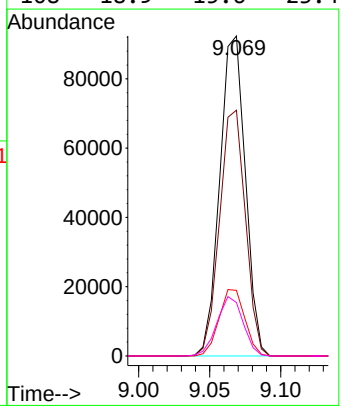


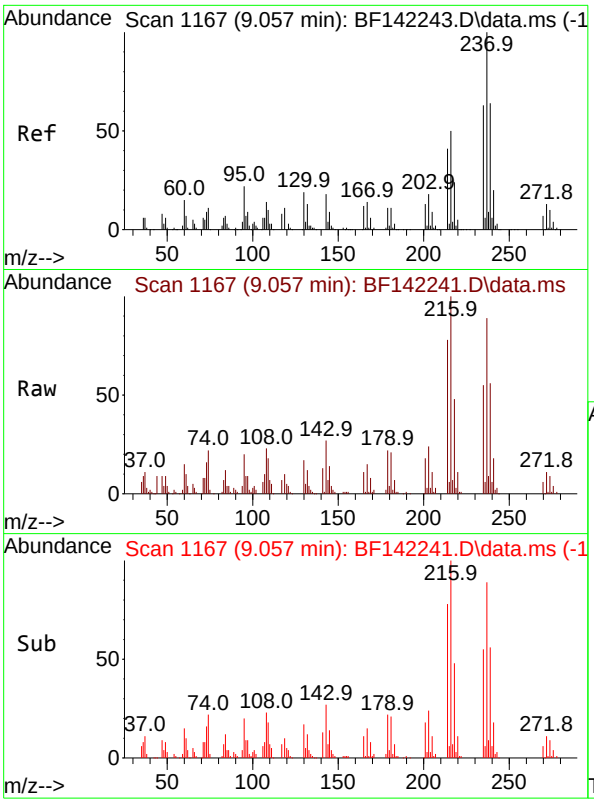


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.209 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:216 Resp: 115685

Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.8	95.6
179	21.0	16.7	25.1
108	18.9	15.6	23.4



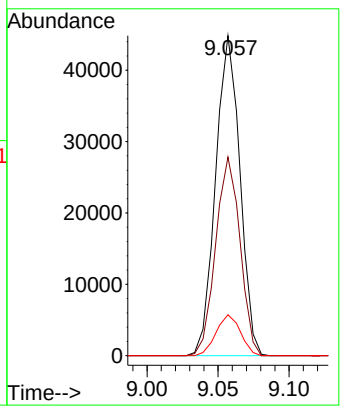


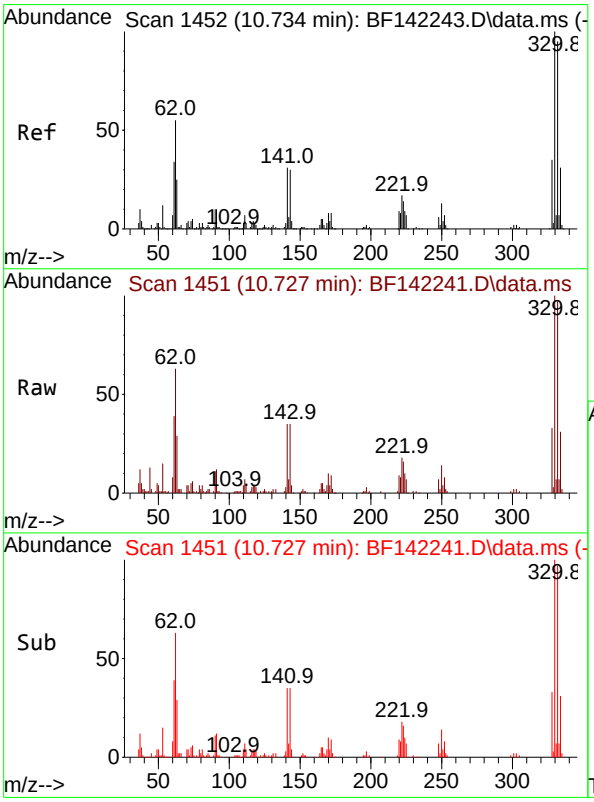
#41
Hexachlorocyclopentadiene
Concen: 8.298 ng
RT: 9.057 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 53365

Ion	Ratio	Lower	Upper
237	100		
235	62.1	43.5	83.5
272	12.8	0.0	32.9

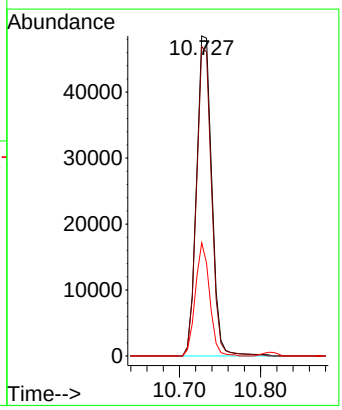


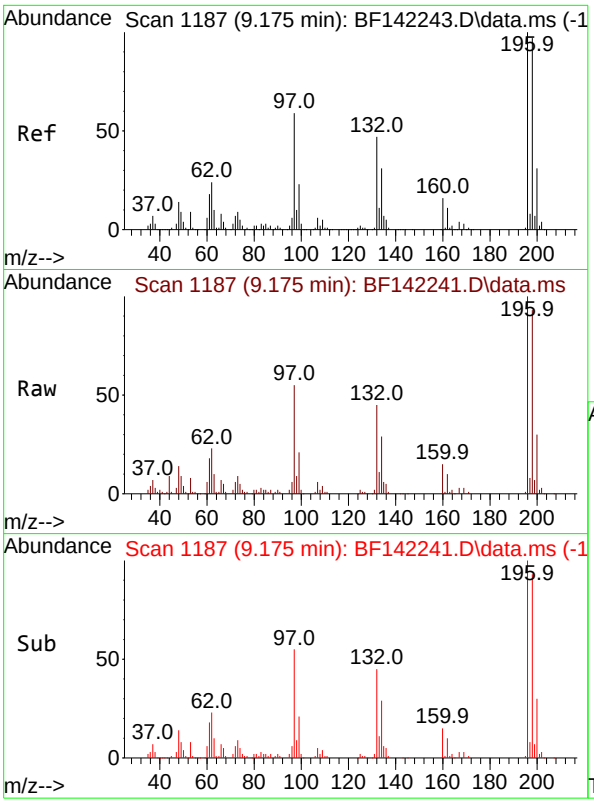


#42
2,4,6-Tribromophenol
Concen: 17.292 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:330 Resp: 63470

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.5	114.7
141	32.9	24.3	36.5



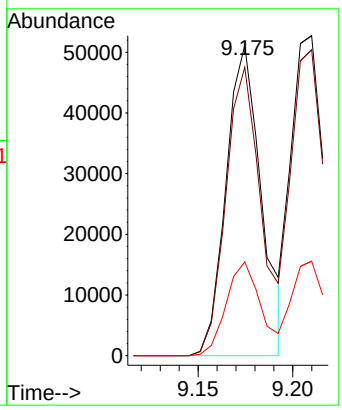


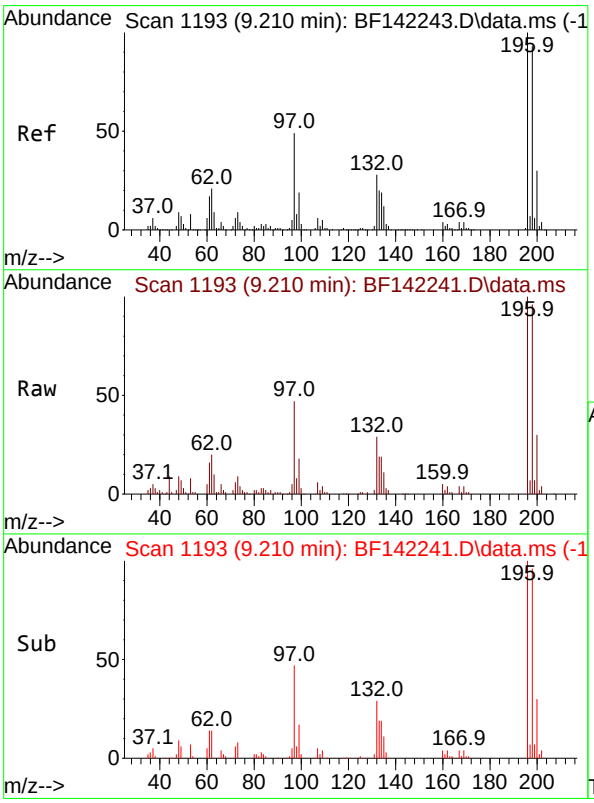
#43
2,4,6-Trichlorophenol
Concen: 9.438 ng
RT: 9.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 66271

Ion	Ratio	Lower	Upper
196	100		
198	92.9	77.4	116.2
200	30.2	24.6	37.0

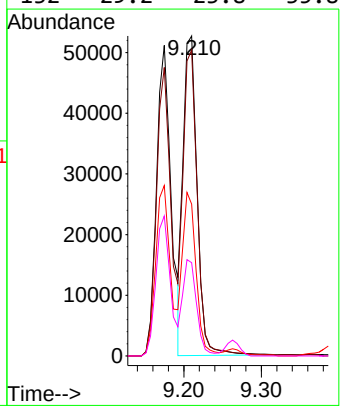


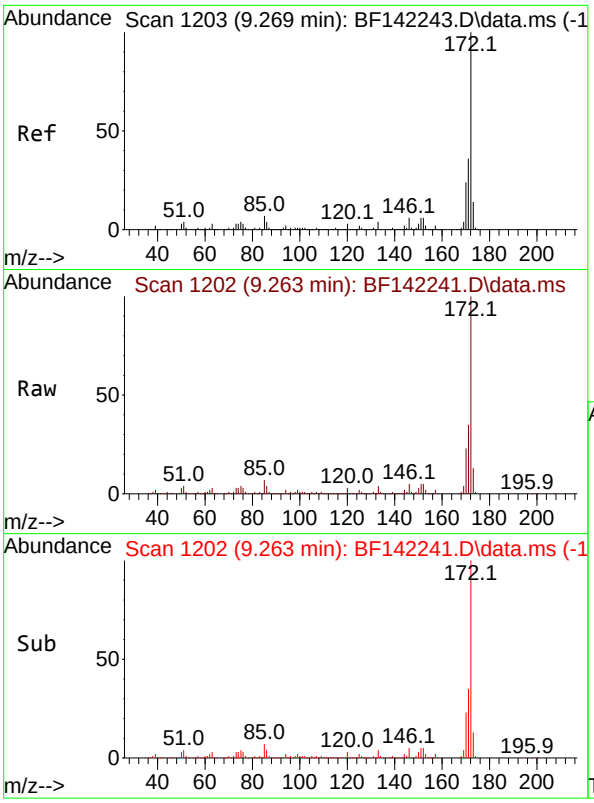


#44
2,4,5-Trichlorophenol
Concen: 9.009 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:196 Resp: 66509

Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.2	112.8
97	47.5	39.8	59.8
132	29.2	23.8	35.8



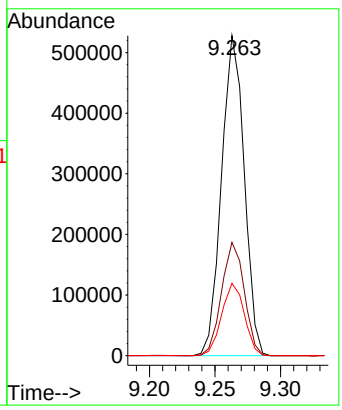


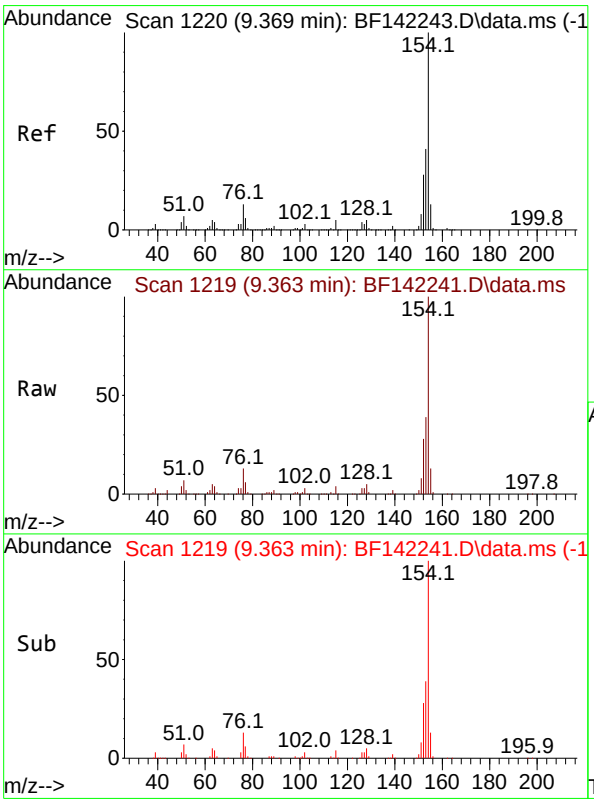
#45
2-Fluorobiphenyl
Concen: 22.275 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 636078

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.4
170	22.6	19.4	29.0

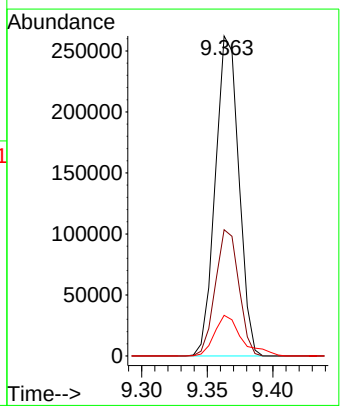


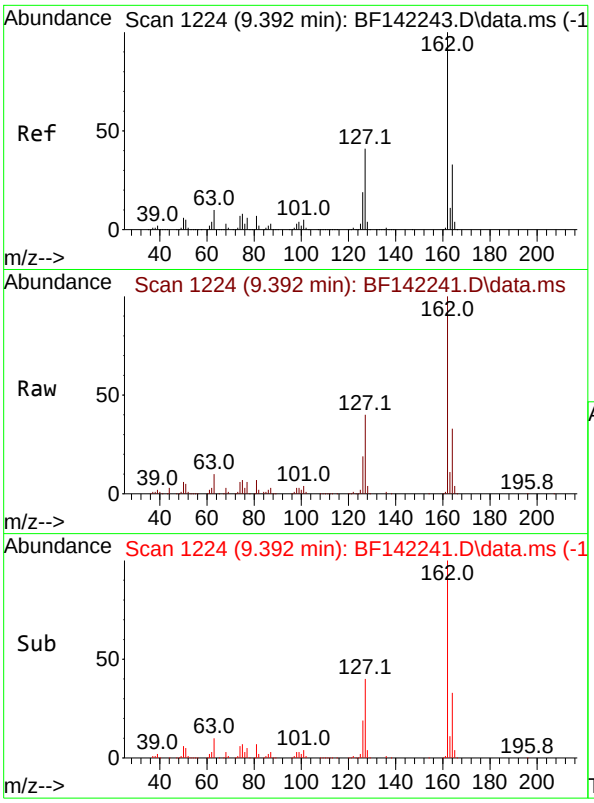


#46
1,1'-Biphenyl
Concen: 10.423 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:154 Resp: 326241

Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.5	60.5
76	12.7	0.0	32.8



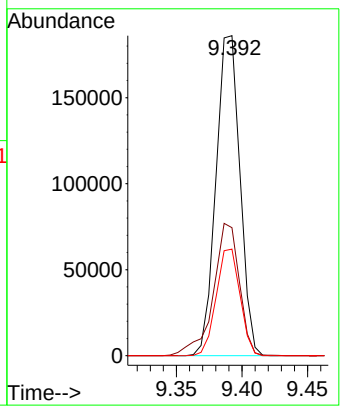


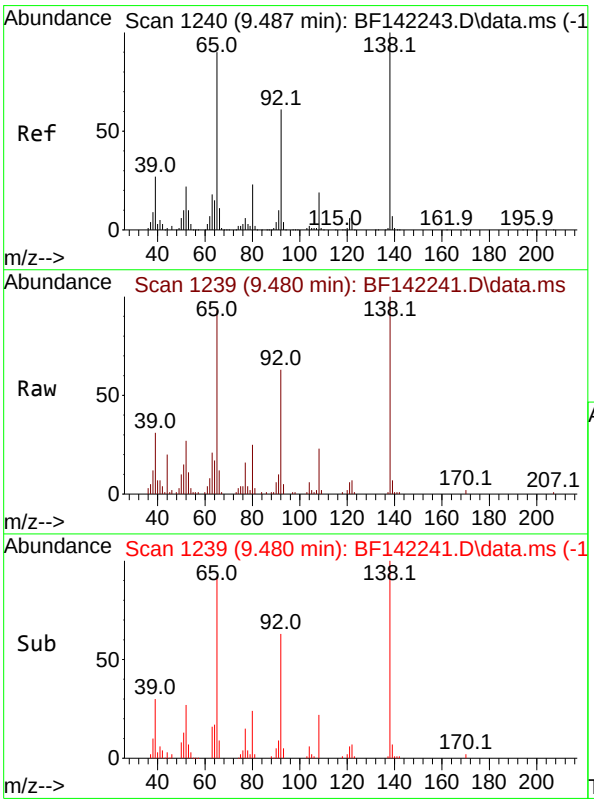
#47
2-Chloronaphthalene
Concen: 10.165 ng
RT: 9.392 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 236725

Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.6	49.0
164	33.3	26.1	39.1

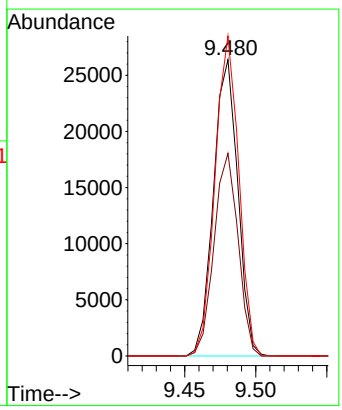


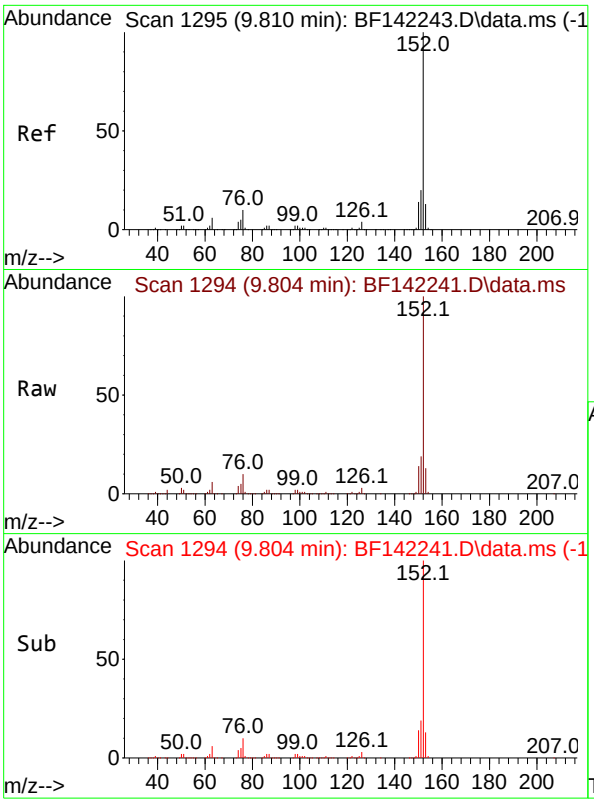


#48
2-Nitroaniline
Concen: 9.382 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.007 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion: 65 Resp: 31455

Ion	Ratio	Lower	Upper
65	100		
92	68.4	54.3	81.5
138	108.0	88.6	133.0



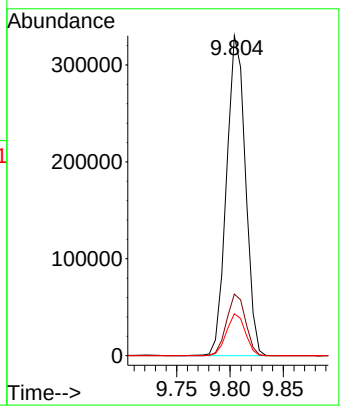


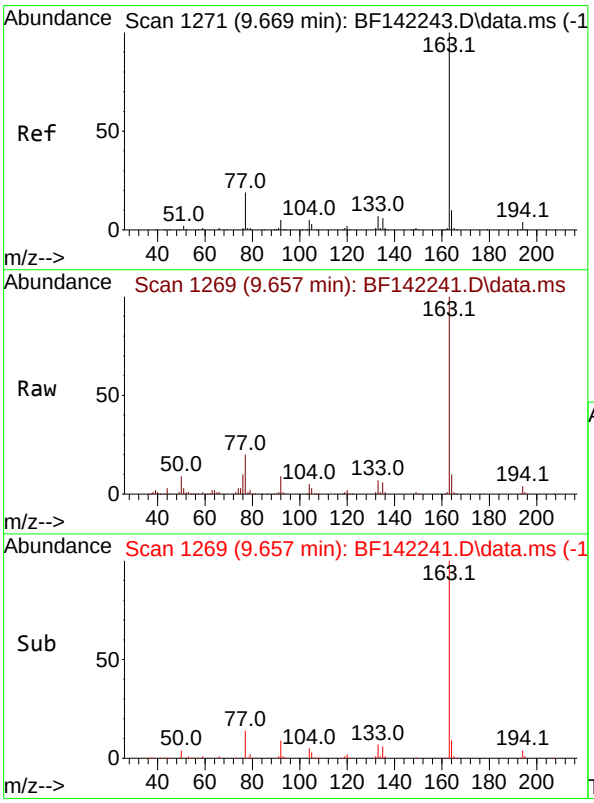
#49
Acenaphthylene
Concen: 10.373 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 407630

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.2
153	13.1	10.7	16.1

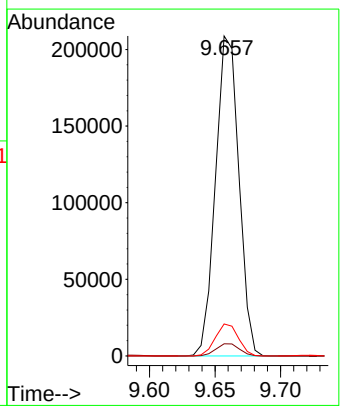


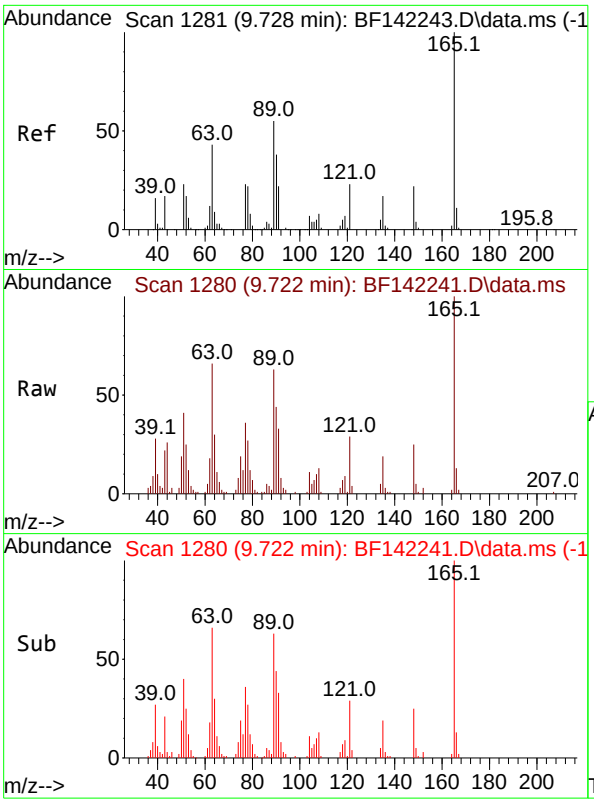


#50
Dimethylphthalate
Concen: 10.036 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:163 Resp: 258512

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.0	8.2	12.2



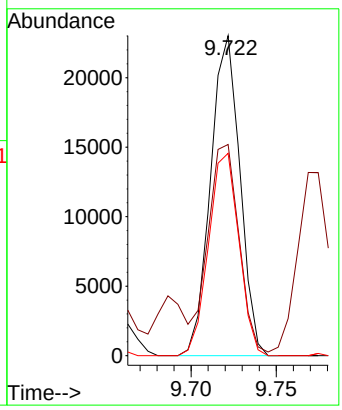


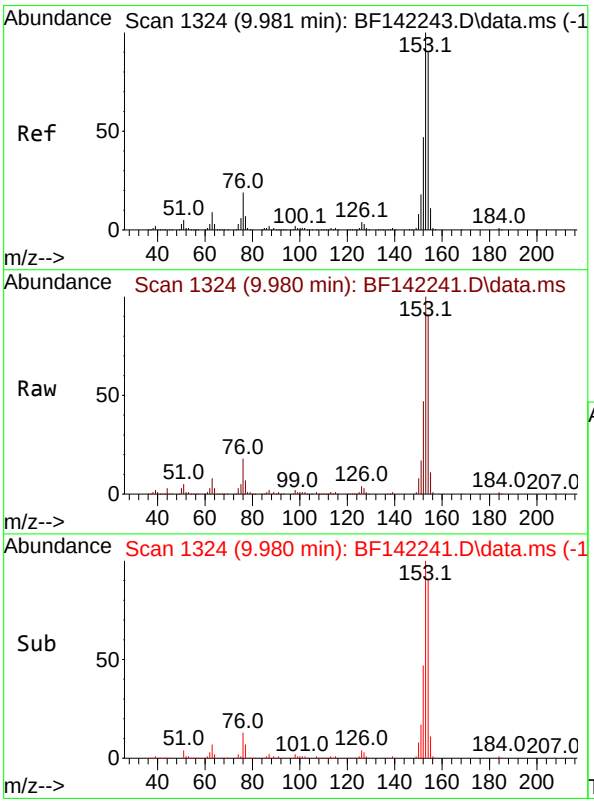
#51
2,6-Dinitrotoluene
Concen: 9.147 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 27624

Ion	Ratio	Lower	Upper
165	100		
63	66.0	48.5	72.7
89	63.2	43.9	65.9

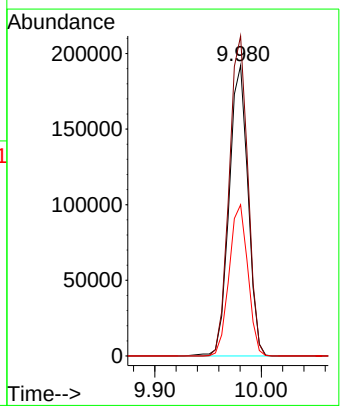


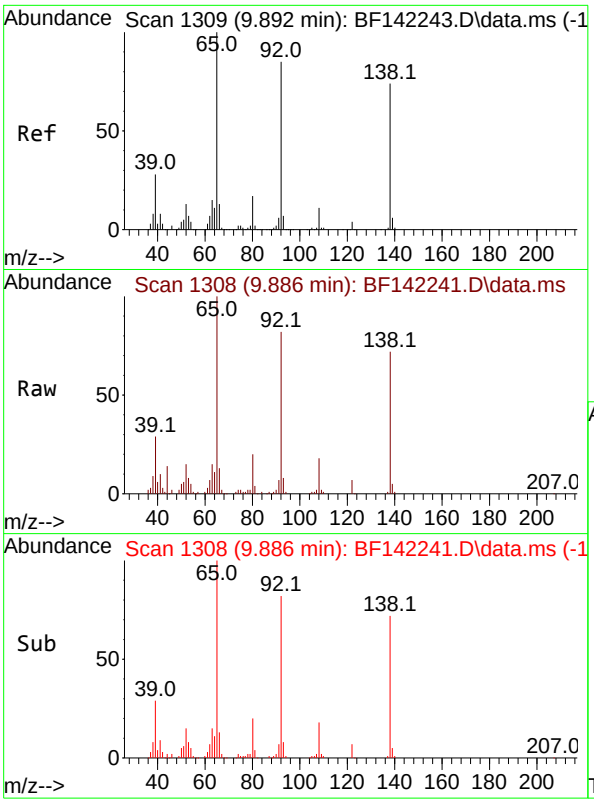


#52
Acenaphthene
Concen: 10.305 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:154 Resp: 236444

Ion	Ratio	Lower	Upper
154	100		
153	110.2	88.6	133.0
152	52.1	42.1	63.1



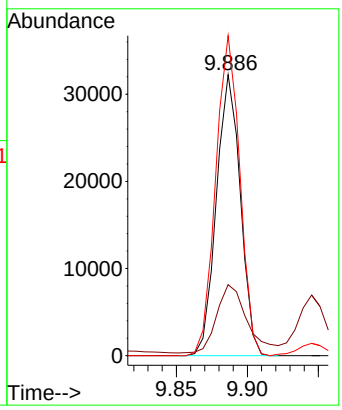


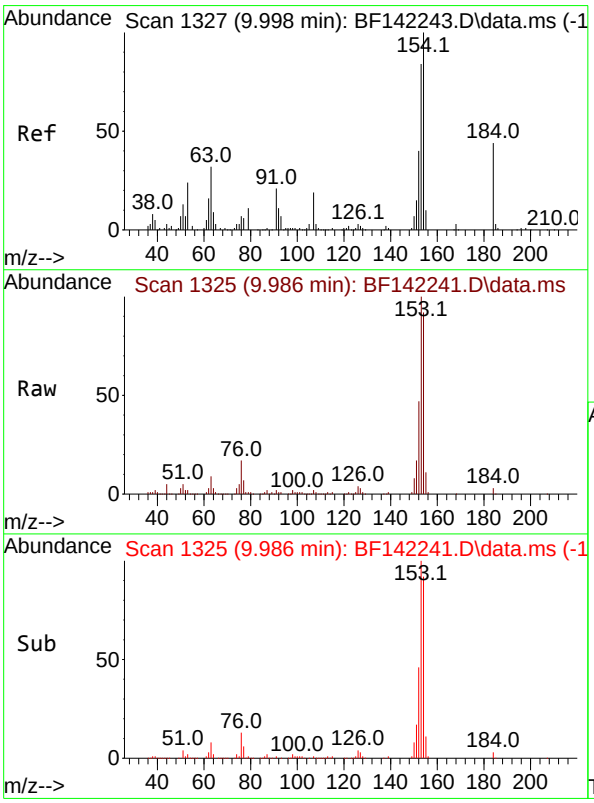
#53
3-Nitroaniline
Concen: 9.049 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 37727

Ion	Ratio	Lower	Upper
138	100		
108	25.3	11.7	17.5#
92	113.9	91.2	136.8

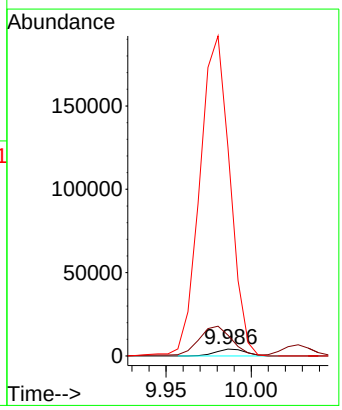


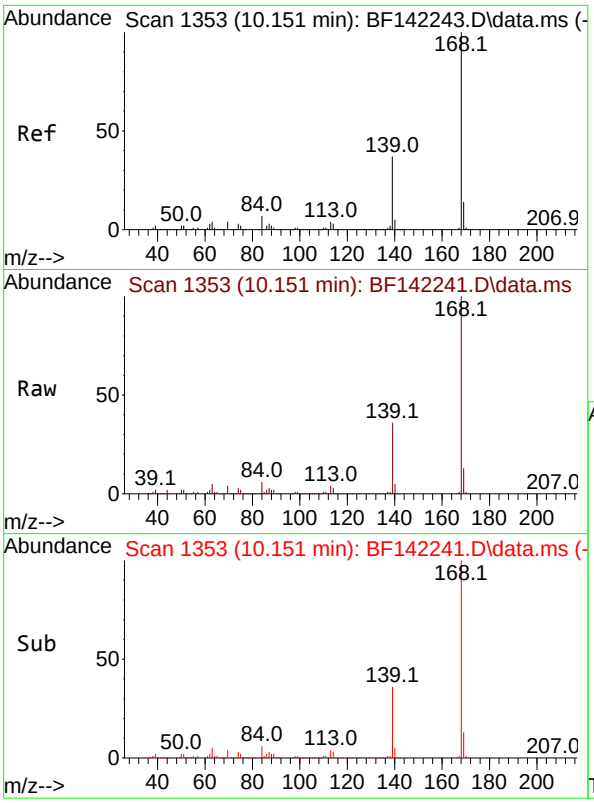


#54
2,4-Dinitrophenol
Concen: 11.362 ng
RT: 9.986 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:184 Resp: 4993

Ion	Ratio	Lower	Upper
184	100		
63	302.8	69.2	103.8#
154	3030.9	271.4	407.2#



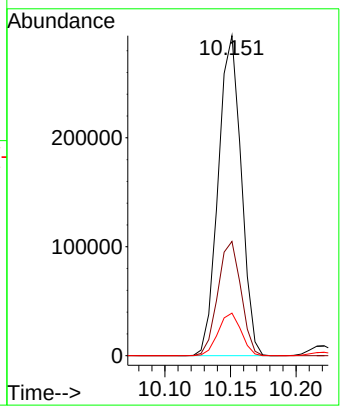


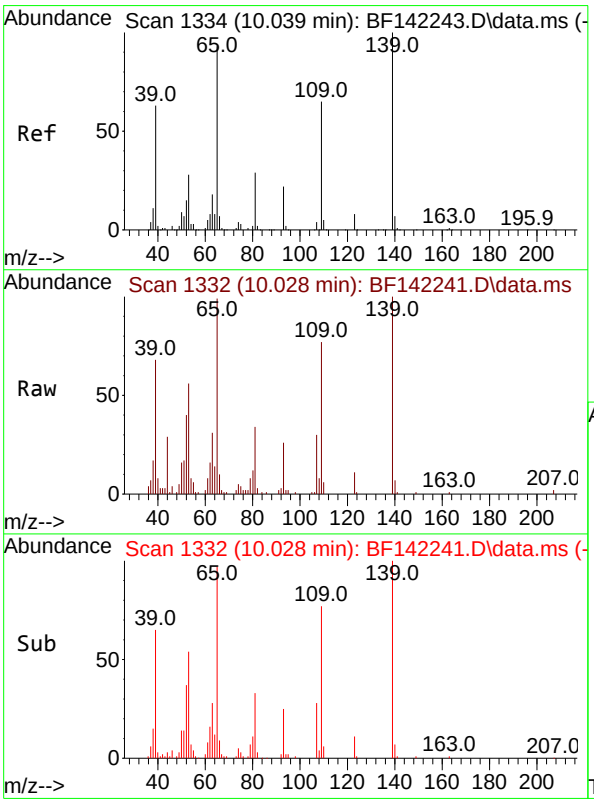
#55
Dibenzofuran
Concen: 10.392 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 357431

Ion	Ratio	Lower	Upper
168	100		
139	35.7	29.4	44.0
169	13.3	11.0	16.4

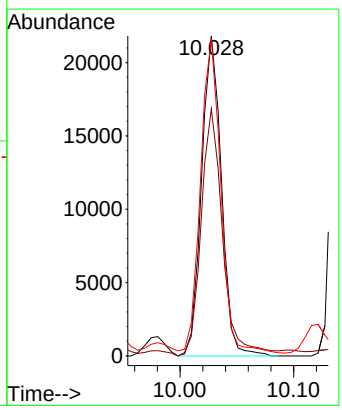


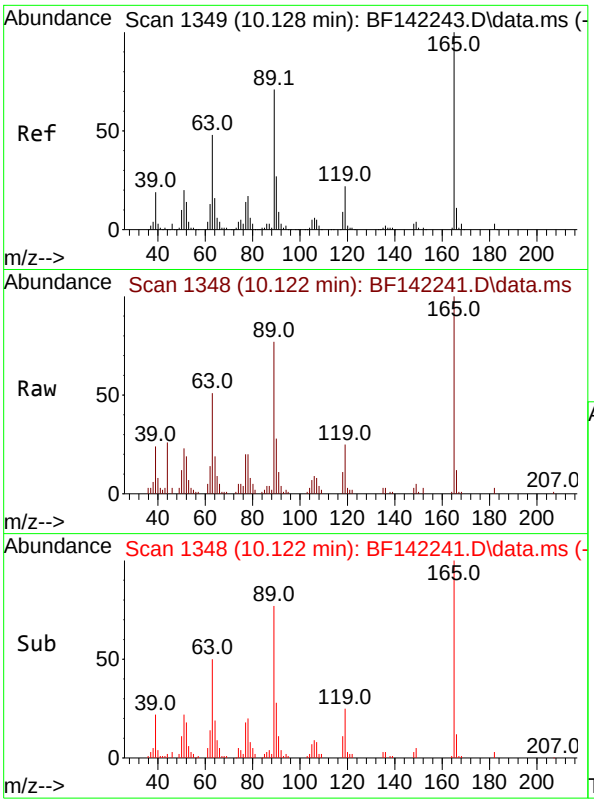


#56
4-Nitrophenol
Concen: 6.520 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.011 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:139 Resp: 26399

Ion	Ratio	Lower	Upper
139	100		
109	77.2	44.9	84.9
65	99.0	74.7	114.7



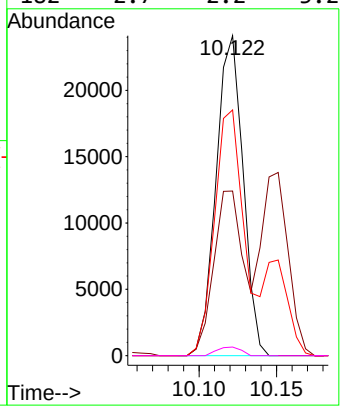


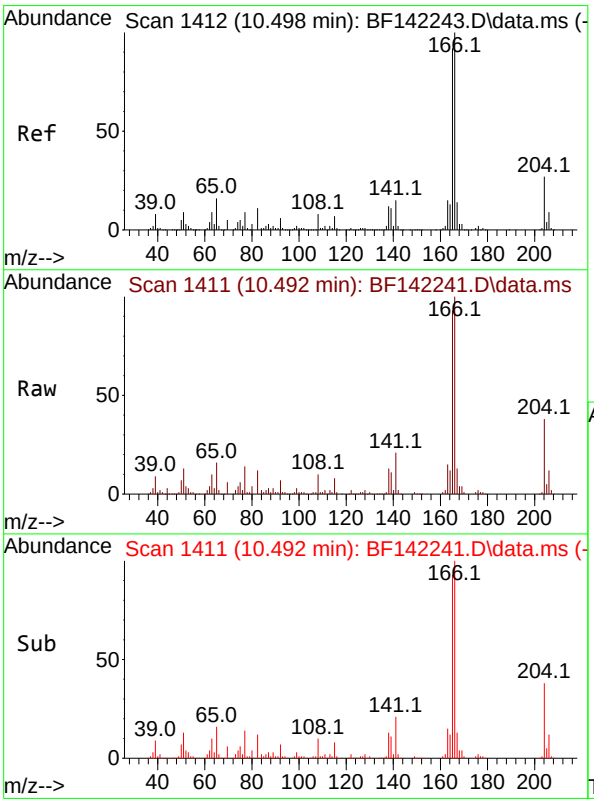
#57
2,4-Dinitrotoluene
Concen: 9.405 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 29245

Ion	Ratio	Lower	Upper
165	100		
63	51.5	38.8	58.2
89	76.8	57.1	85.7
182	2.7	2.2	3.2

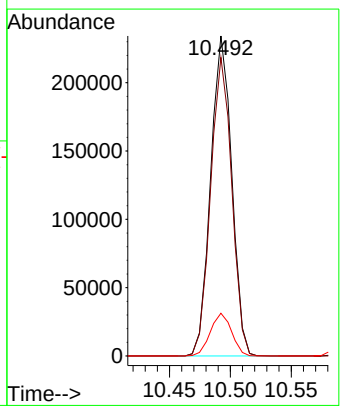


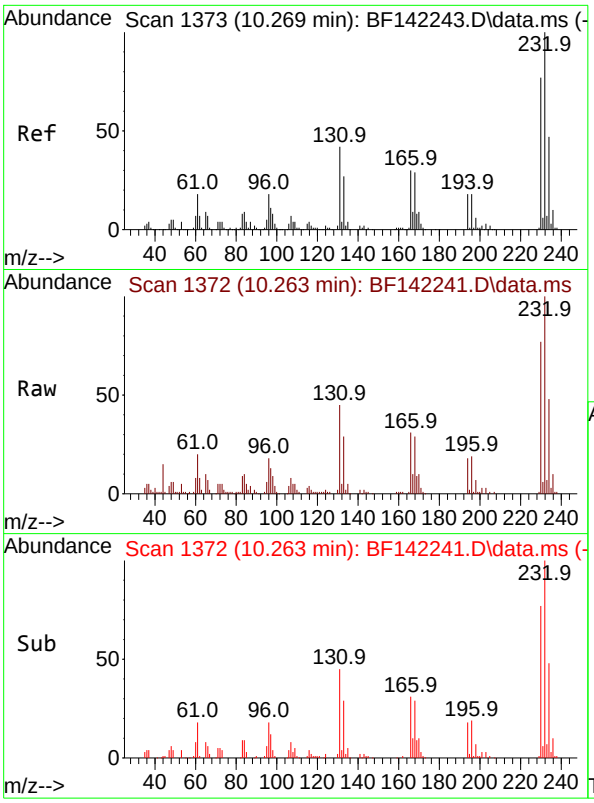


#58
Fluorene
Concen: 10.800 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:166 Resp: 282449

Ion	Ratio	Lower	Upper
166	100		
165	93.3	73.9	110.9
167	13.4	10.8	16.2



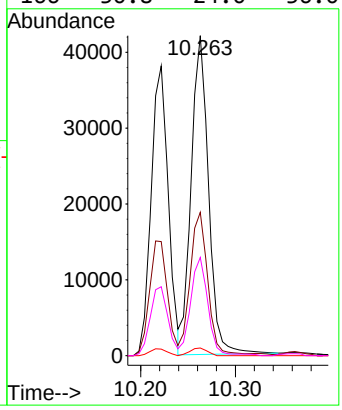


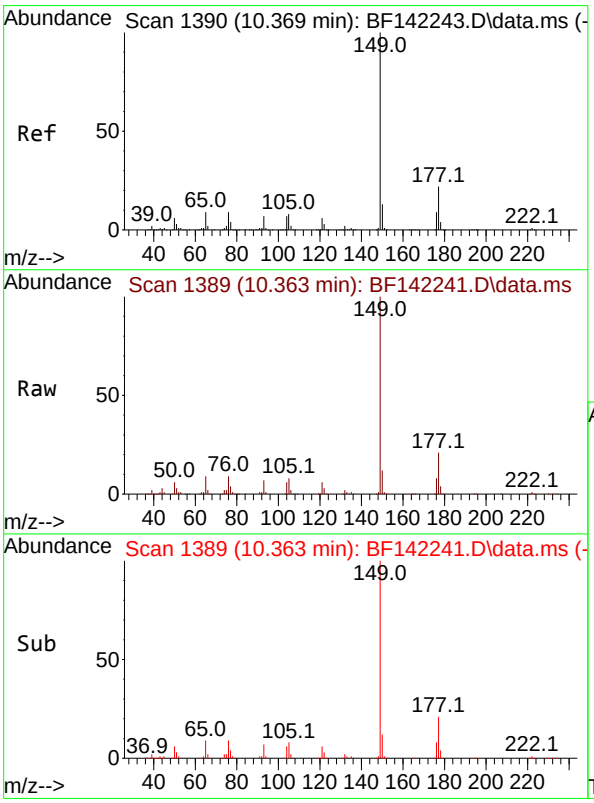
#59
2,3,4,6-Tetrachlorophenol
Concen: 8.775 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 53660

Ion	Ratio	Lower	Upper
232	100		
131	44.3	35.9	53.9
130	2.4	1.8	2.6
166	30.8	24.0	36.0

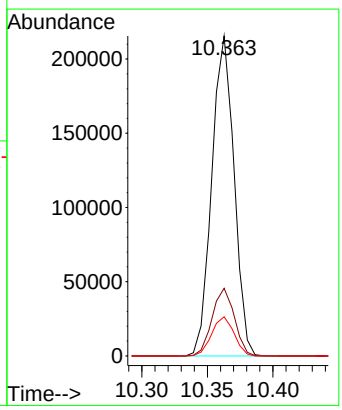


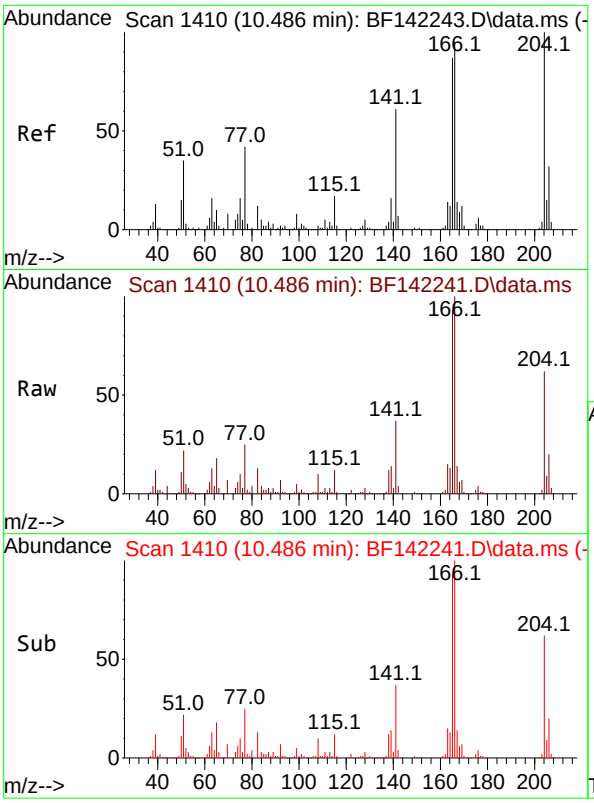


#60
Diethylphthalate
Concen: 10.003 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:149 Resp: 254431

Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.6	26.4
150	12.3	10.2	15.2



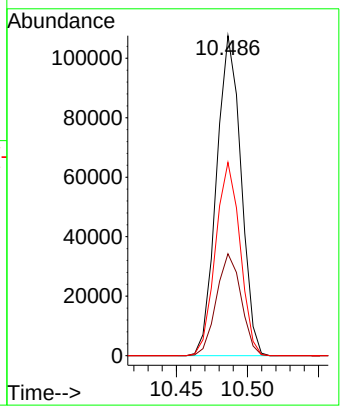


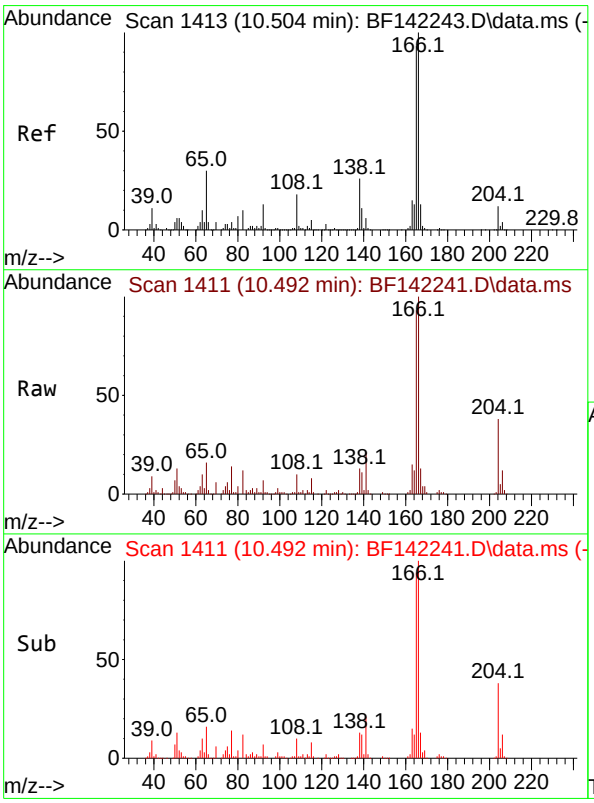
#61
4-Chlorophenyl-phenylether
Concen: 10.398 ng
RT: 10.486 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 129149

Ion	Ratio	Lower	Upper
204	100		
206	31.9	25.6	38.4
141	60.4	48.9	73.3

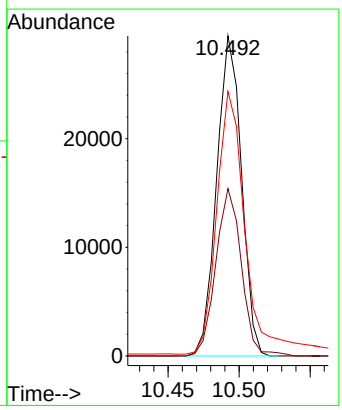


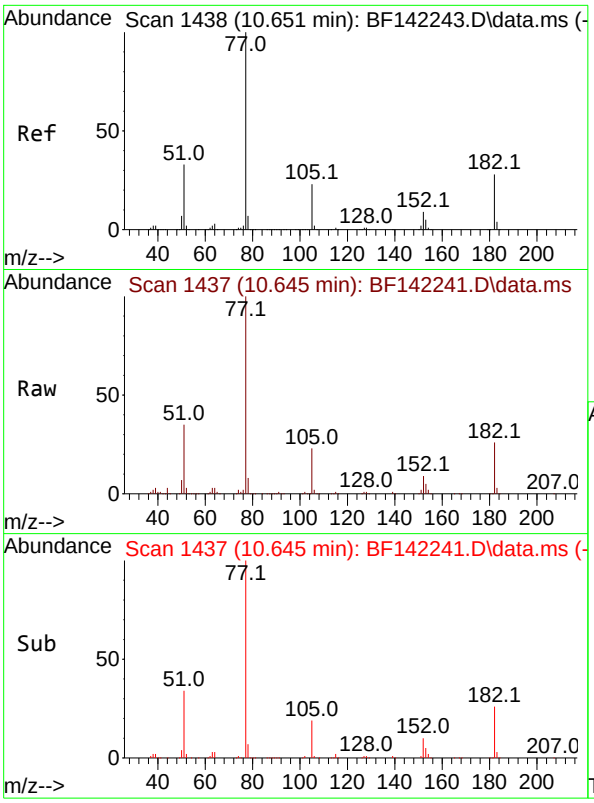


#62
4-Nitroaniline
Concen: 8.911 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.012 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:138 Resp: 35703

Ion	Ratio	Lower	Upper
138	100		
92	52.3	29.2	69.2
108	82.7	49.1	89.1



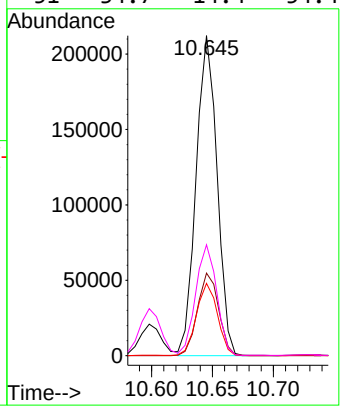


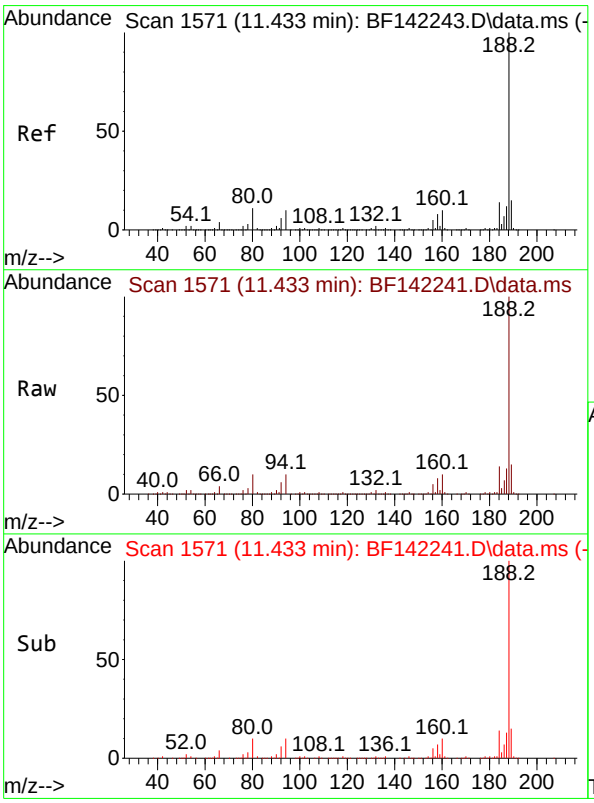
#63
Azobenzene
Concen: 10.102 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 253731

Ion	Ratio	Lower	Upper
77	100		
182	25.8	7.3	47.3
105	22.6	2.5	42.5
51	34.7	14.4	54.4

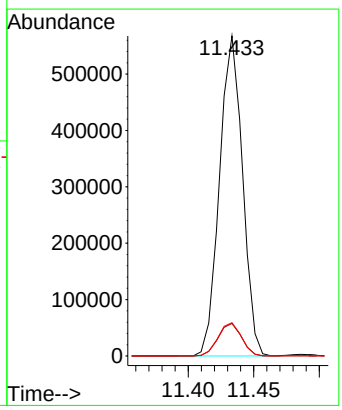


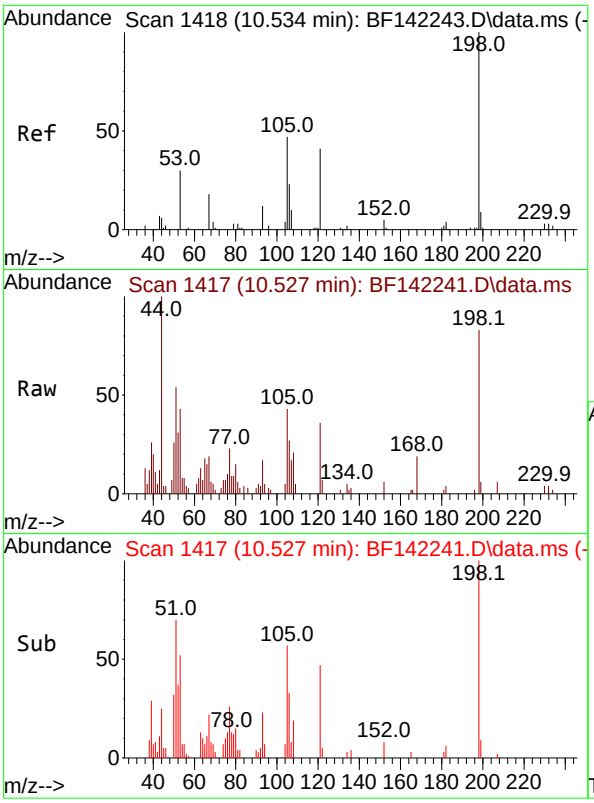


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:188 Resp: 692116

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.2	12.2
80	10.4	8.6	12.8



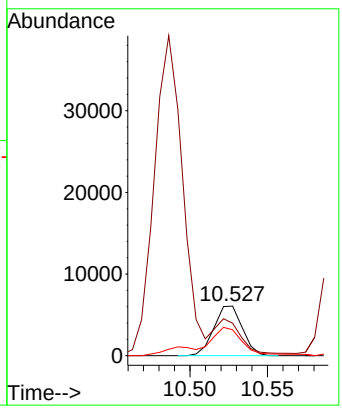


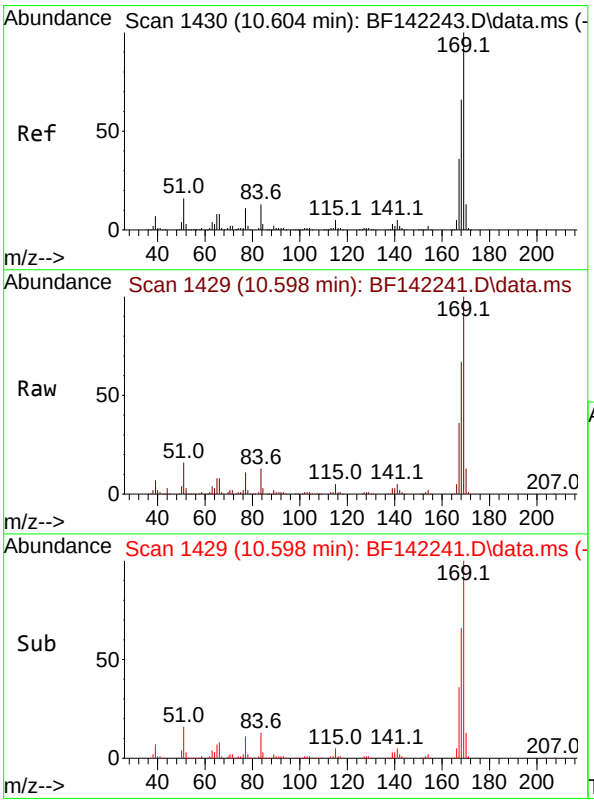
#65
4,6-Dinitro-2-methylphenol
Concen: 13.263 ng
RT: 10.527 min Scan# 14
Delta R.T. -0.007 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 7762

Ion	Ratio	Lower	Upper
198	100		
51	65.4	40.6	80.6
105	52.1	29.2	69.2

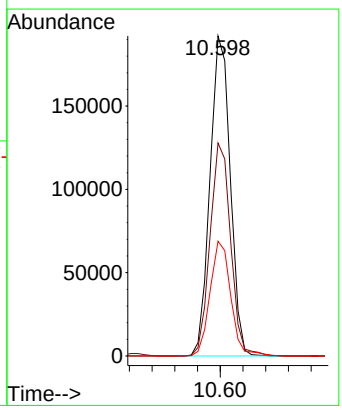


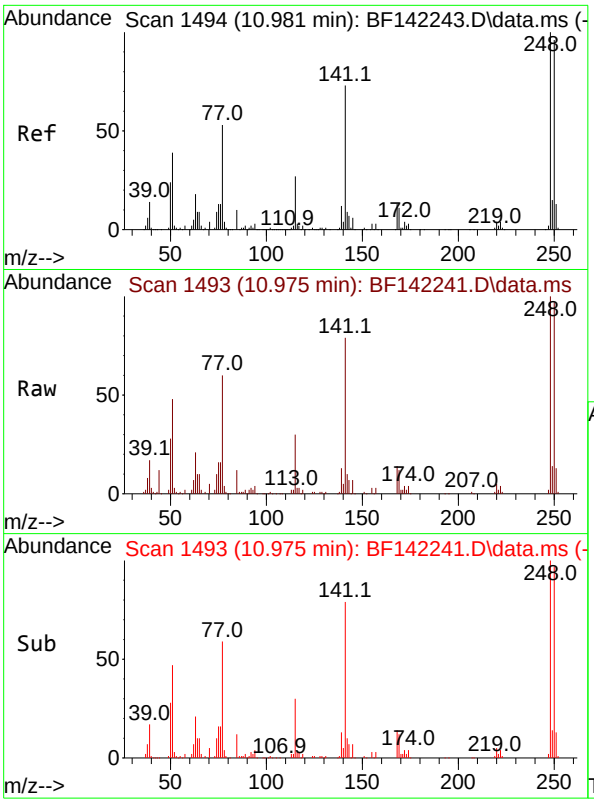


#66
n-Nitrosodiphenylamine
Concen: 10.042 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:169 Resp: 237471

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.0	79.6
167	35.9	28.8	43.2



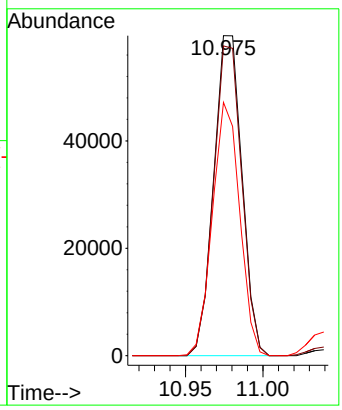


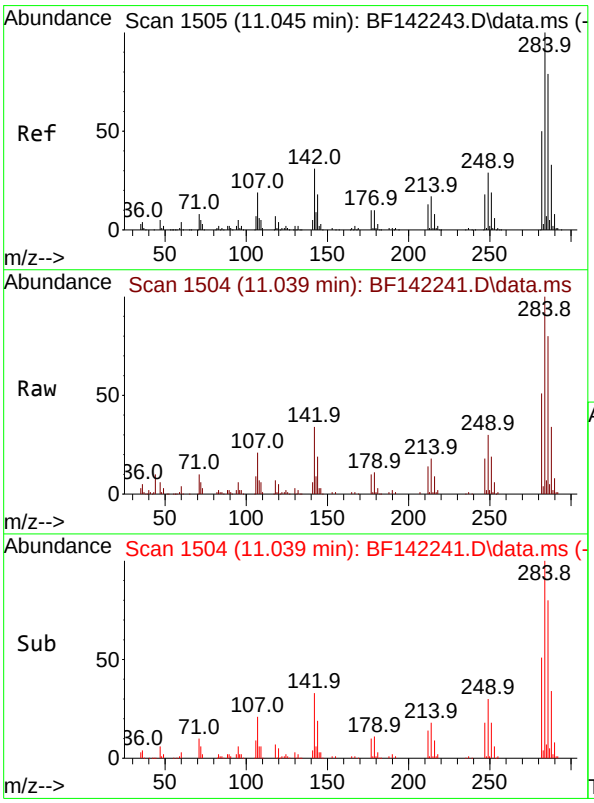
#67
4-Bromophenyl-phenylether
Concen: 9.820 ng
RT: 10.975 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 75692

Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.2	115.8
141	79.1	58.4	87.6

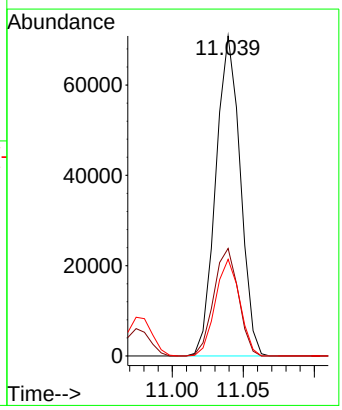


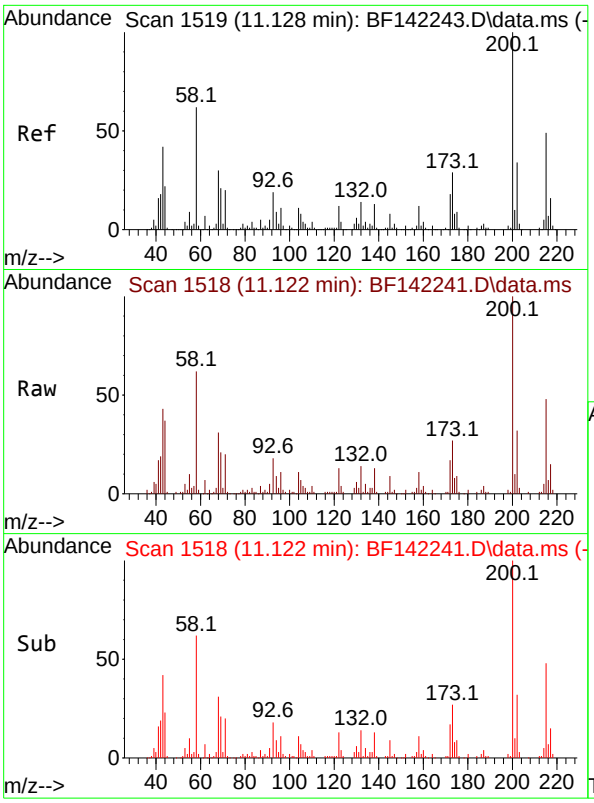


#68
Hexachlorobenzene
Concen: 9.832 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:284 Resp: 84881

Ion	Ratio	Lower	Upper
284	100		
142	33.6	24.6	37.0
249	30.2	23.2	34.8



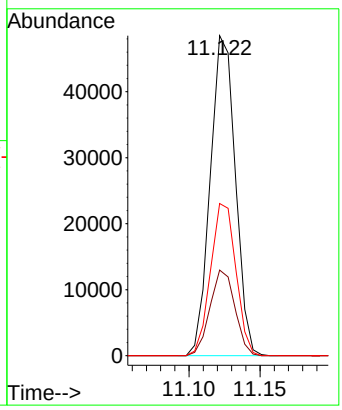


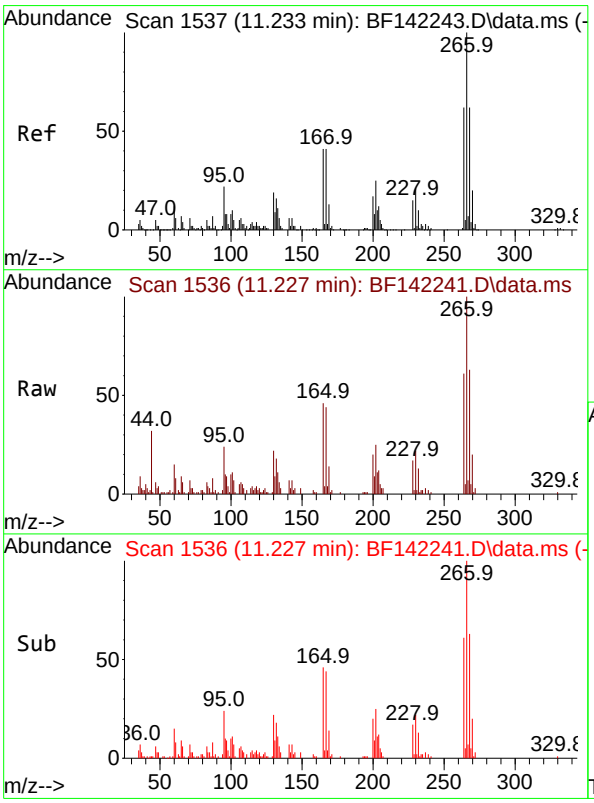
#69
Atrazine
Concen: 9.554 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 59553

Ion	Ratio	Lower	Upper
200	100		
173	26.8	8.6	48.6
215	47.6	28.5	68.5

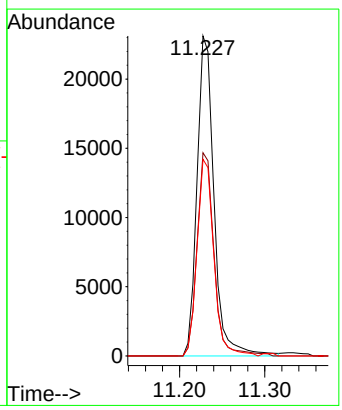


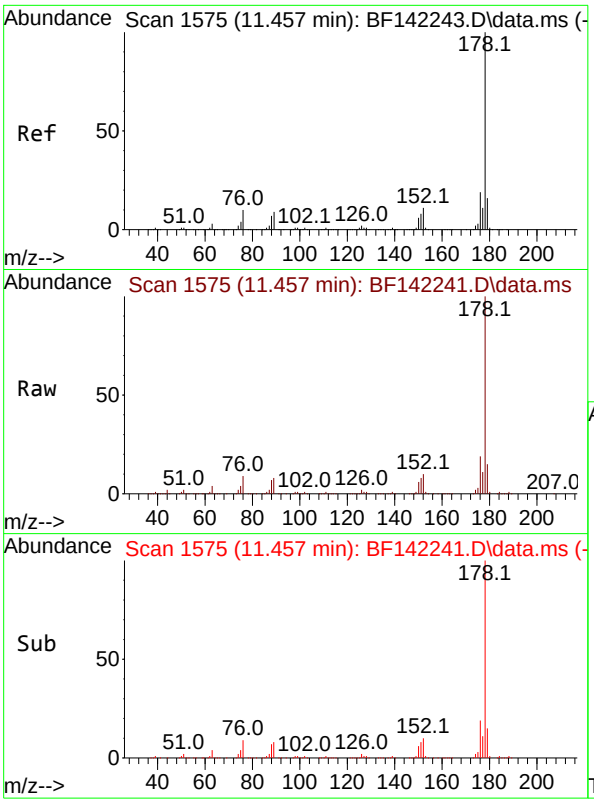


#70
Pentachlorophenol
Concen: 7.029 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:266 Resp: 32058

Ion	Ratio	Lower	Upper
266	100		
268	63.5	50.0	75.0
264	61.4	49.3	73.9



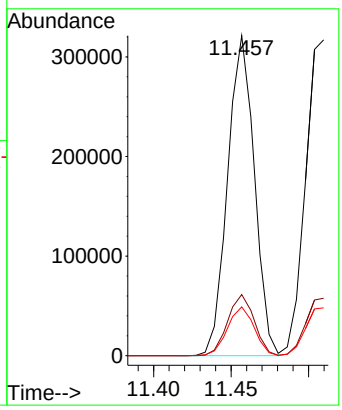


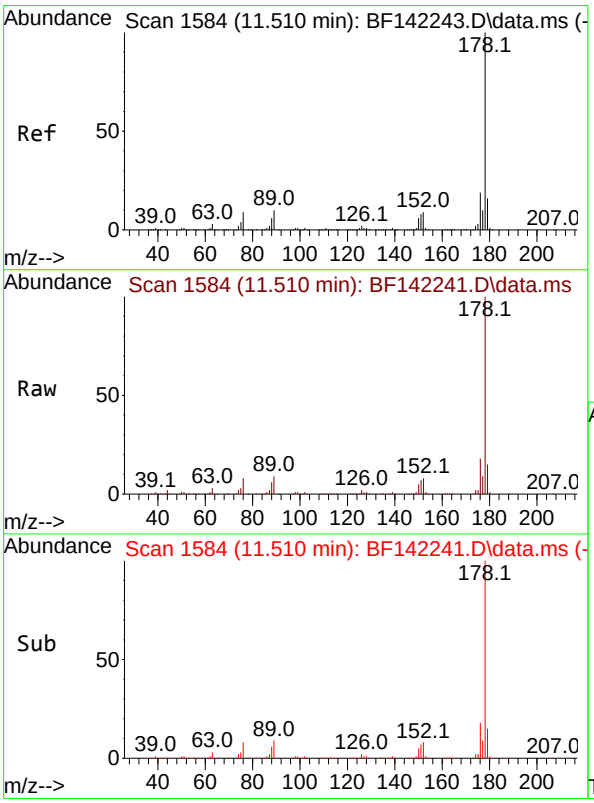
#71
Phenanthrene
Concen: 10.316 ng
RT: 11.457 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 385677

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.2	12.6	19.0

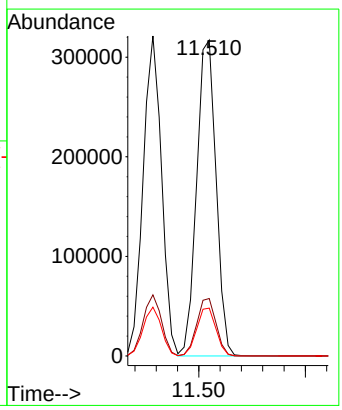


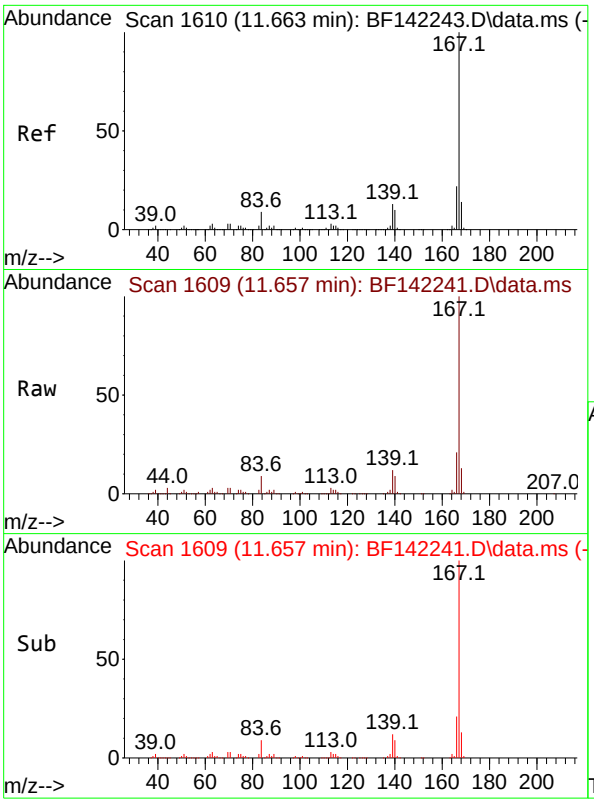


#72
Anthracene
Concen: 10.509 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:178 Resp: 401700

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.3	22.9
179	15.1	12.7	19.1



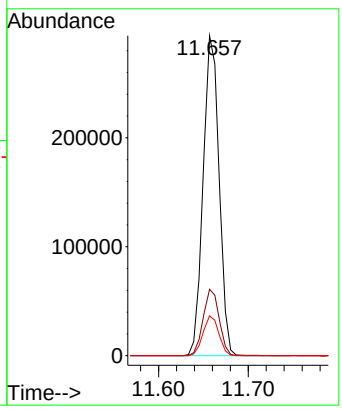


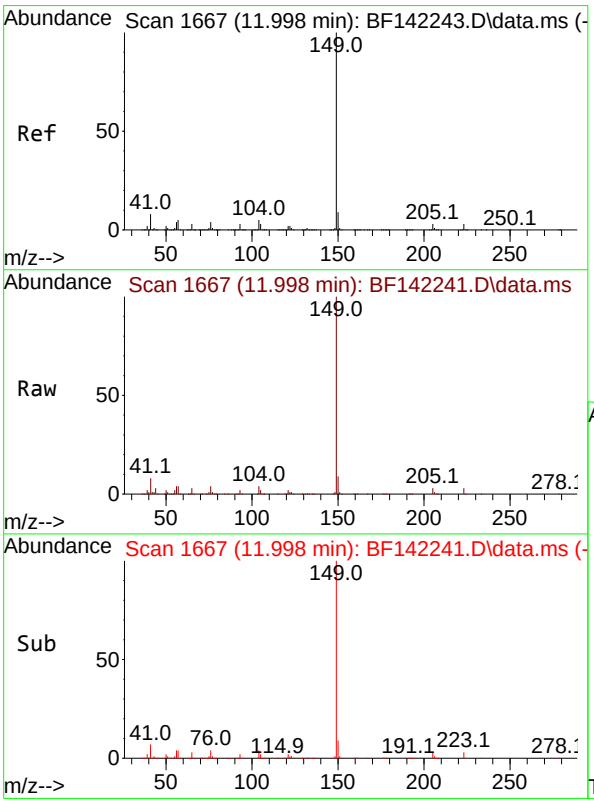
#73
Carbazole
Concen: 10.389 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 362249

Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.3	25.9
139	12.5	10.3	15.5

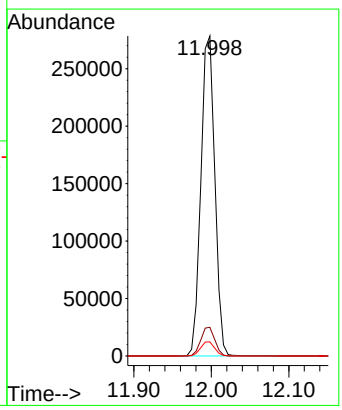


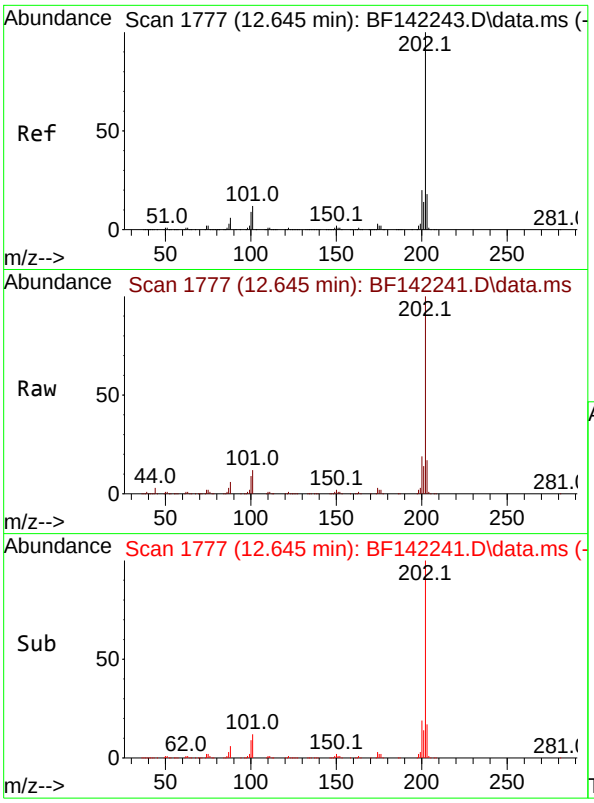


#74
Di-n-butylphthalate
Concen: 9.927 ng
RT: 11.998 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:149 Resp: 348111

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	4.4	3.6	5.4



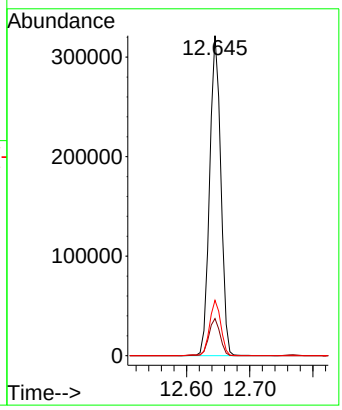


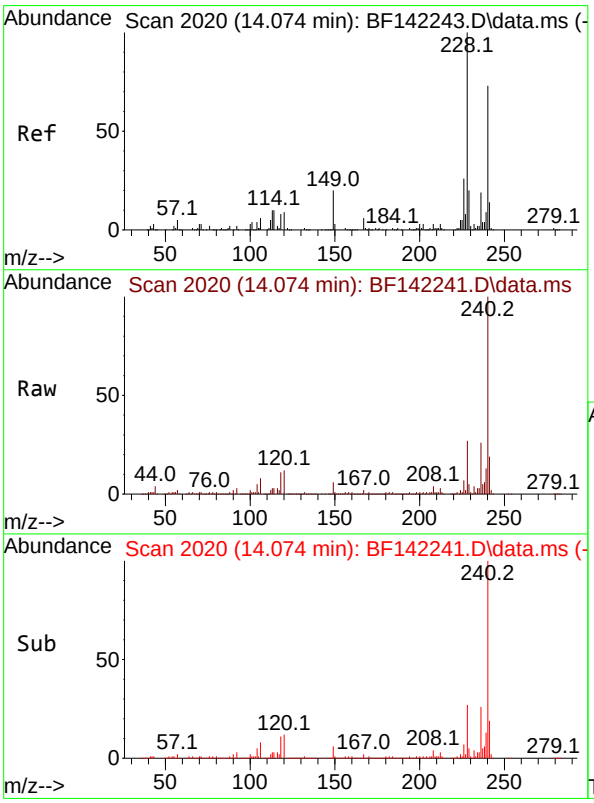
#75
Fluoranthene
Concen: 10.709 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 395757

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	32.4
203	17.3	0.0	37.5

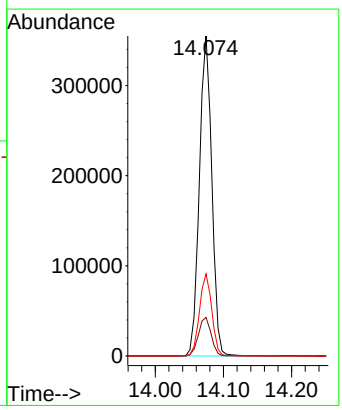


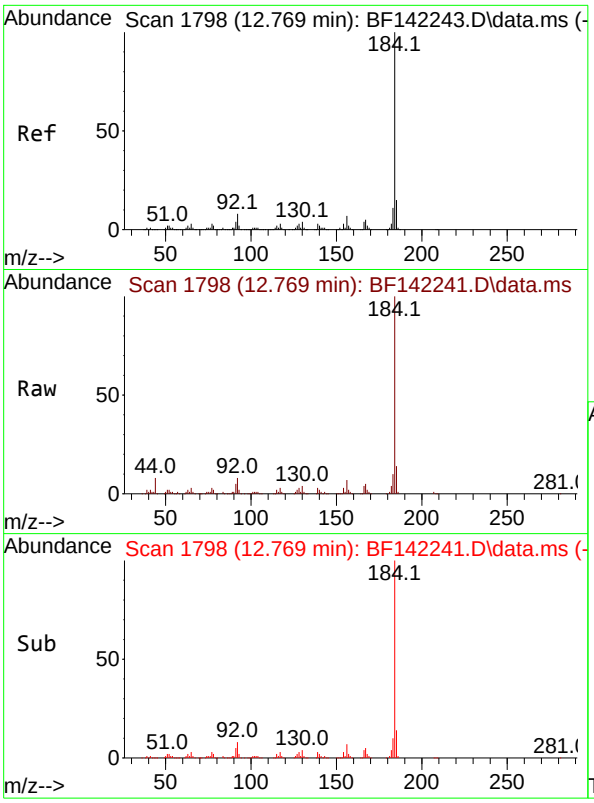


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:240 Resp: 449534

Ion	Ratio	Lower	Upper
240	100		
120	12.0	10.1	15.1
236	25.6	20.5	30.7



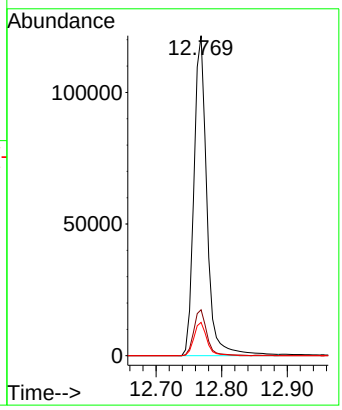


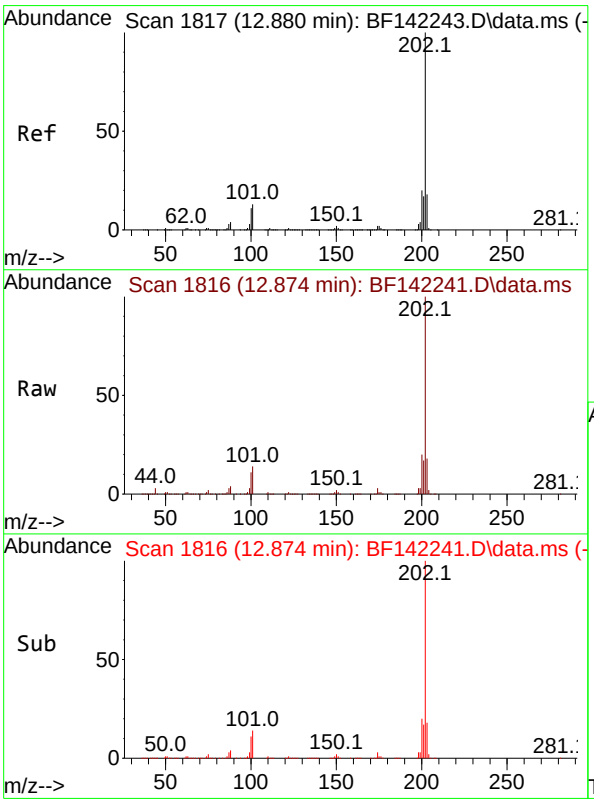
#77
Benzidine
Concen: 8.797 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 168038

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.8	17.6
183	10.4	8.9	13.3

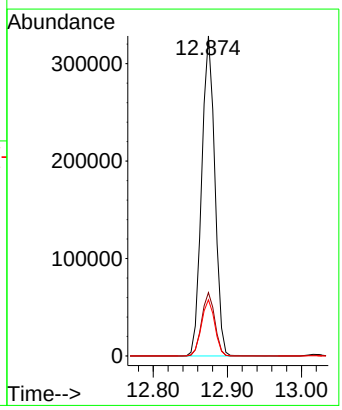


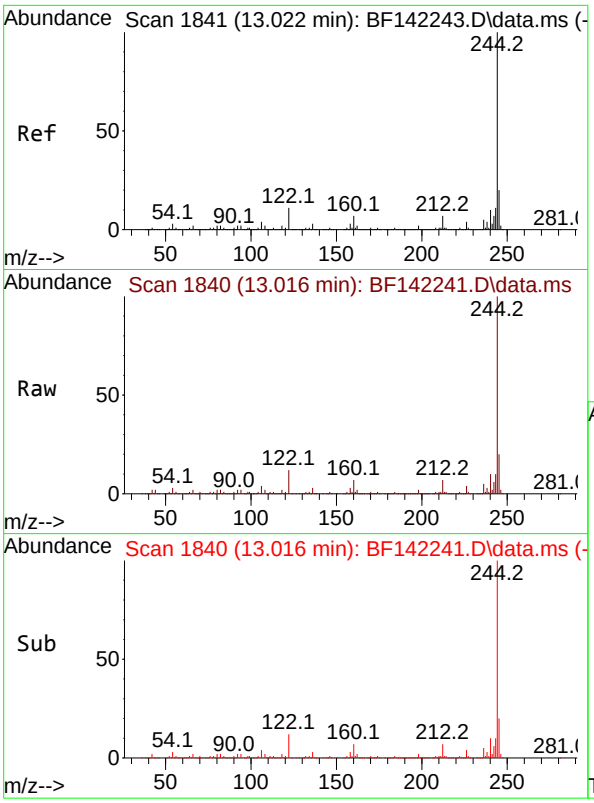


#78
Pyrene
Concen: 9.763 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:202 Resp: 404860

Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.1	24.1
203	17.6	14.1	21.1



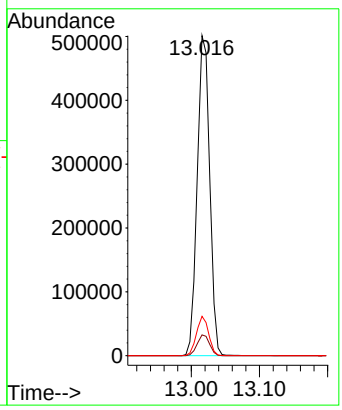


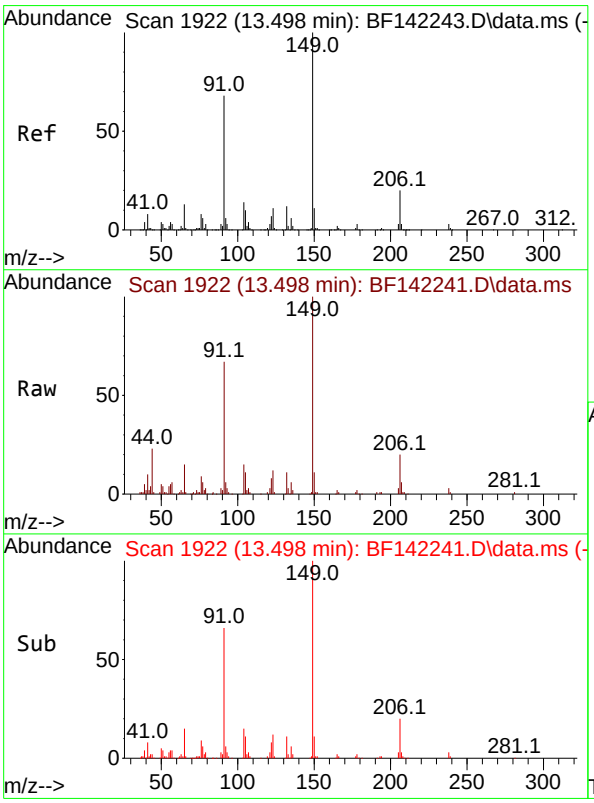
#79
Terphenyl-d14
Concen: 20.552 ng
RT: 13.016 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 635233

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.3	7.9
122	12.3	9.1	13.7

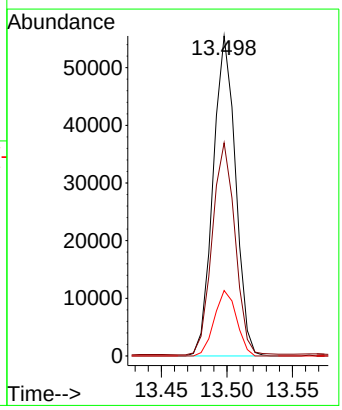


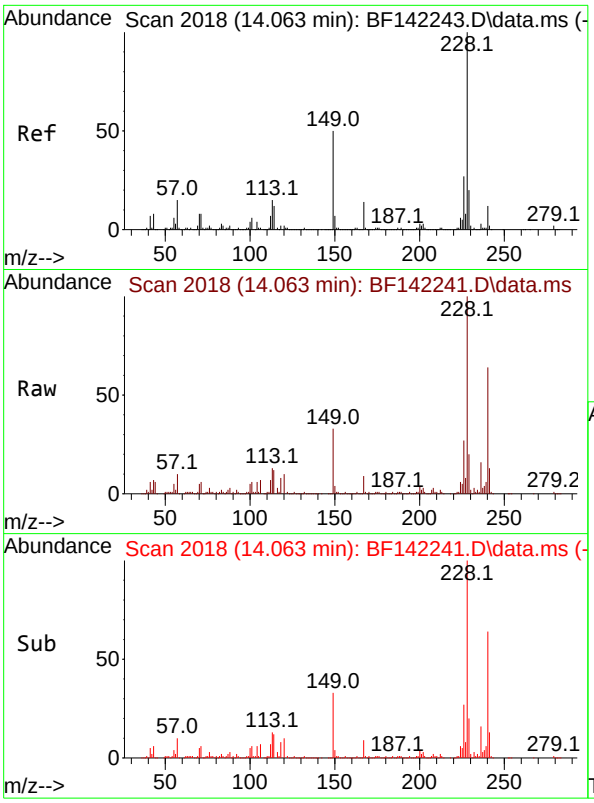


#80
Butylbenzylphthalate
Concen: 9.084 ng
RT: 13.498 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:149 Resp: 65964

Ion	Ratio	Lower	Upper
149	100		
91	66.6	54.4	81.6
206	20.5	15.9	23.9



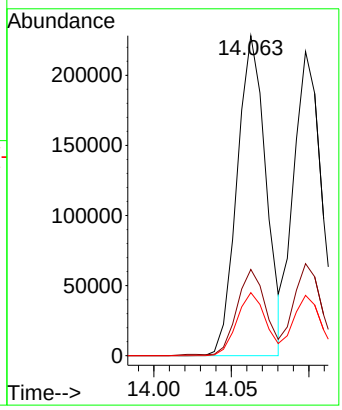


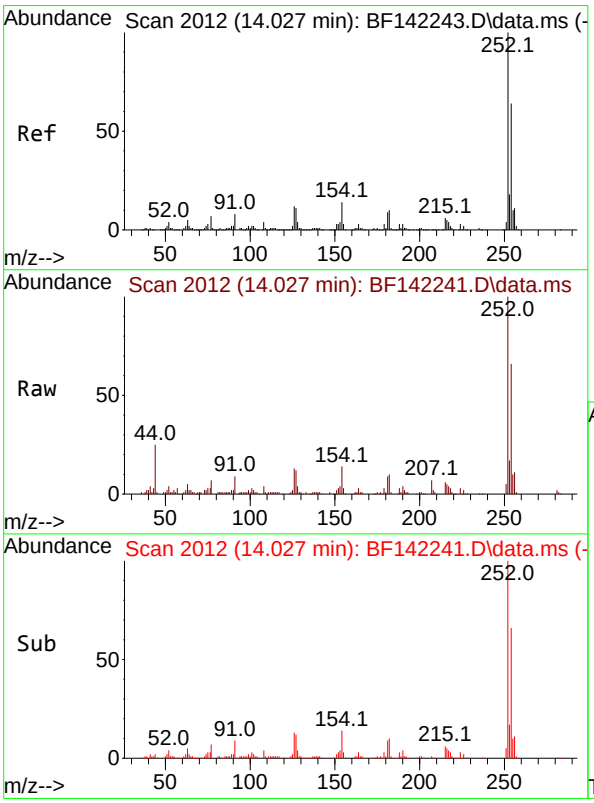
#81
Benzo(a)anthracene
Concen: 9.832 ng
RT: 14.063 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 296710

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.9	32.9
229	19.7	16.0	24.0

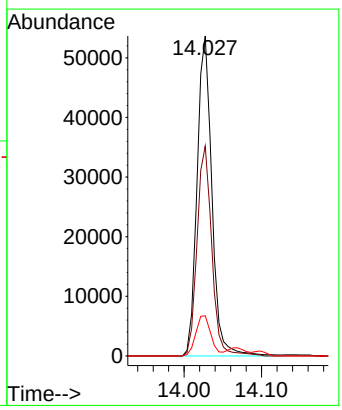


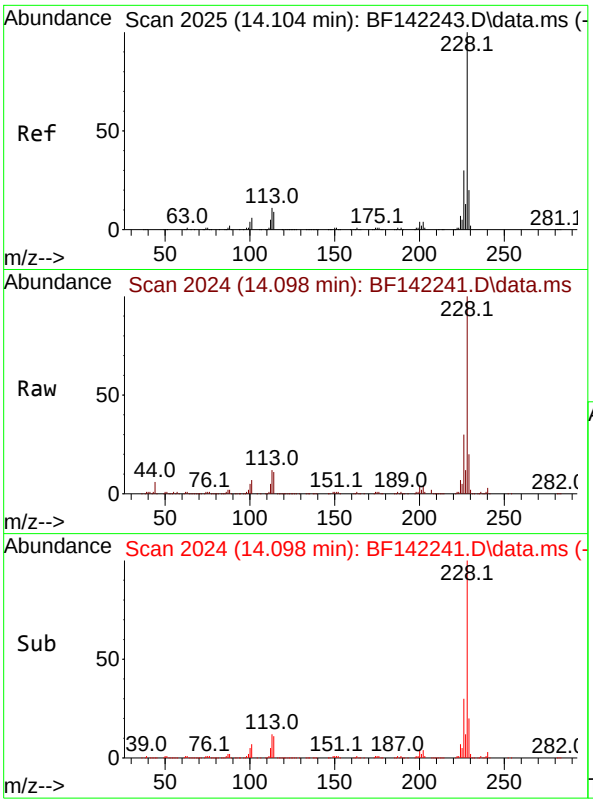


#82
3,3'-Dichlorobenzidine
Concen: 8.046 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:252 Resp: 71321

Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.0	76.6
126	12.5	9.4	14.2



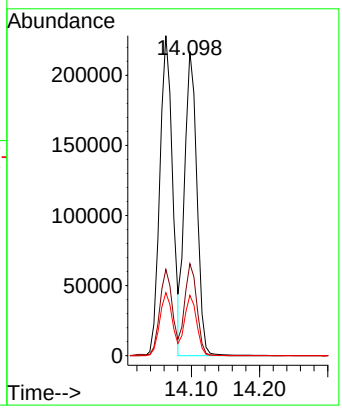


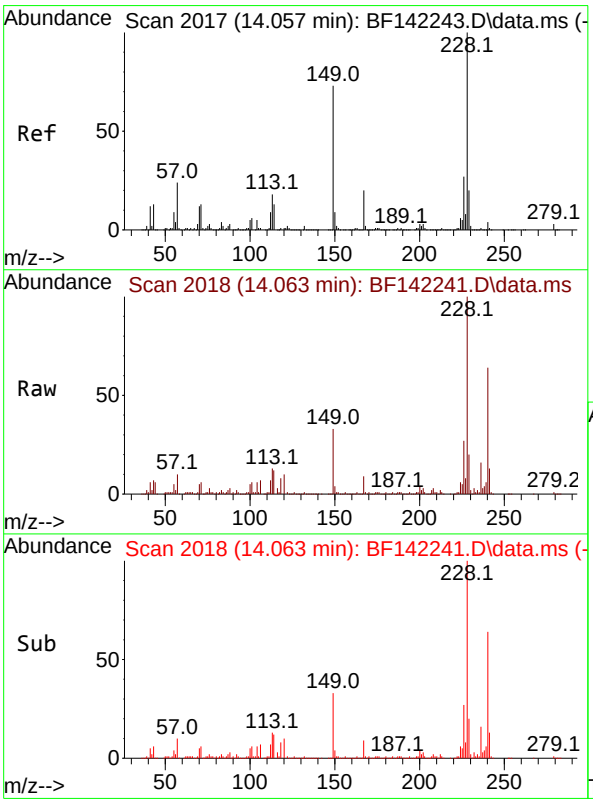
#83
Chrysene
Concen: 9.897 ng
RT: 14.098 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 271875

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	19.8	15.7	23.5

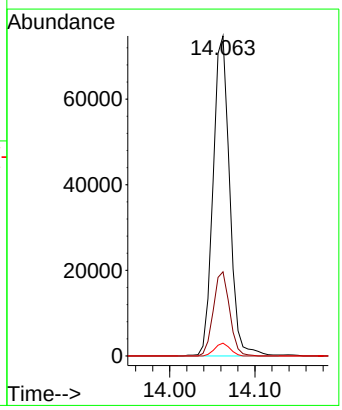


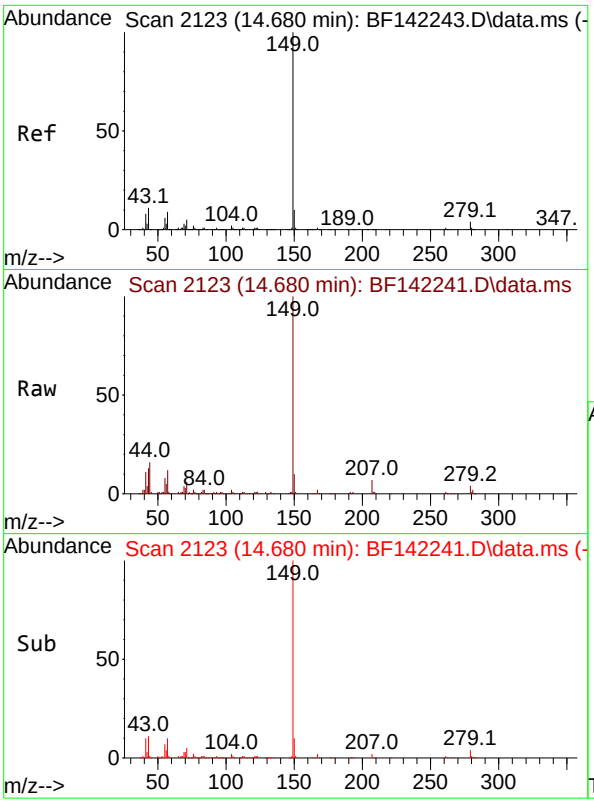


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.409 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:149 Resp: 100777

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.7	32.5
279	4.0	3.0	4.4



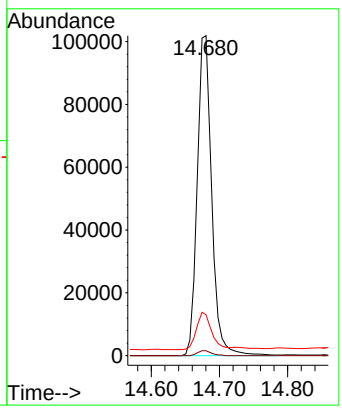


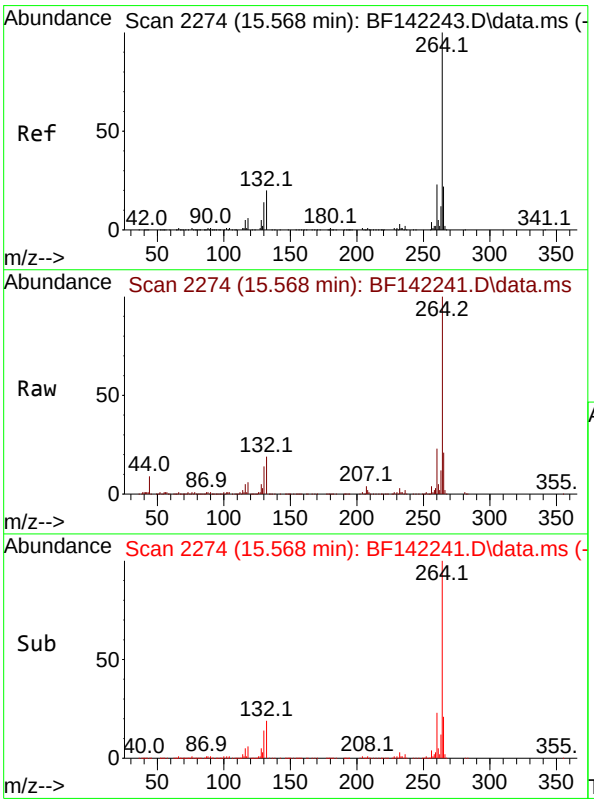
#85
Di-n-octyl phthalate
Concen: 10.622 ng
RT: 14.680 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 150072

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.1	9.3	13.9

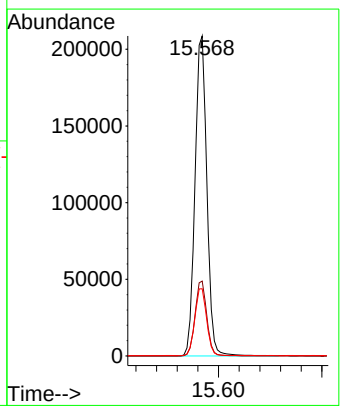


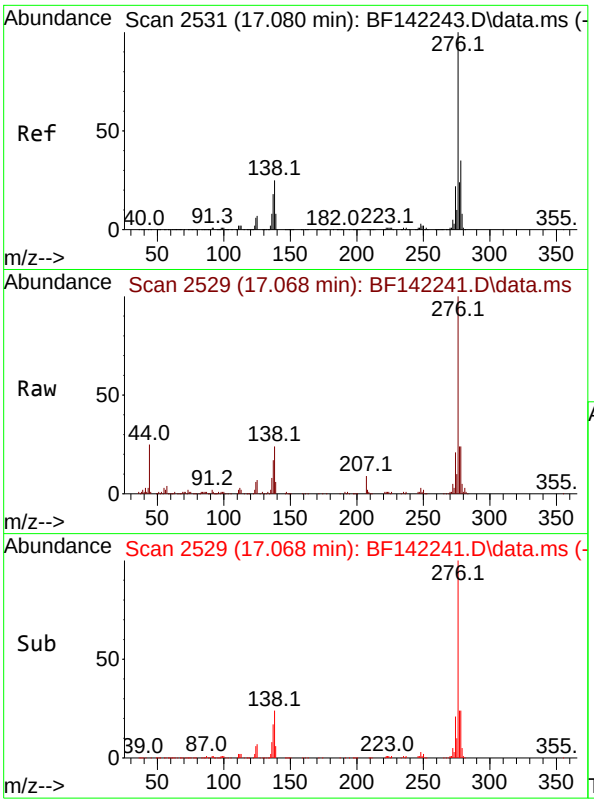


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:264 Resp: 332067

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	21.0	17.3	25.9



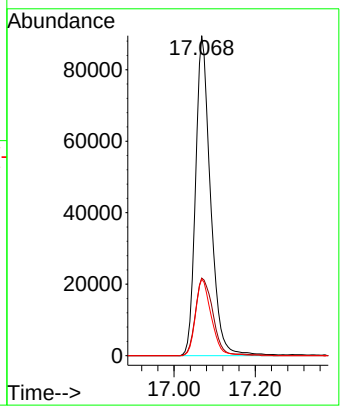


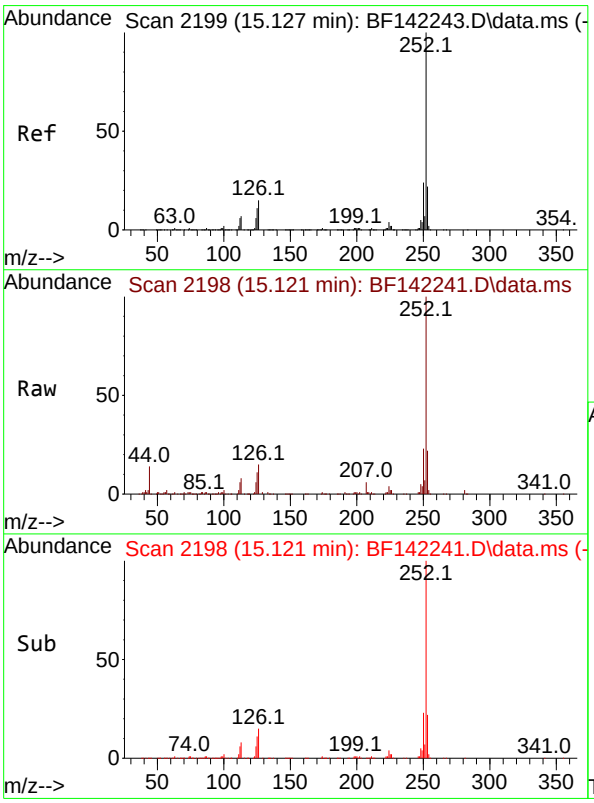
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.449 ng
RT: 17.068 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 229818

Ion	Ratio	Lower	Upper
276	100		
138	28.5	22.6	33.8
277	25.1	20.1	30.1

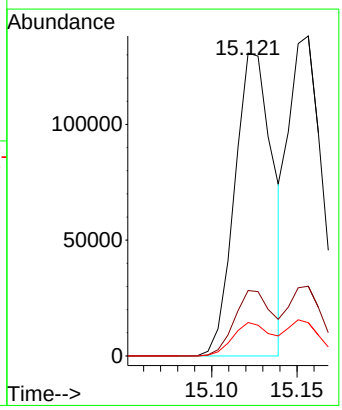


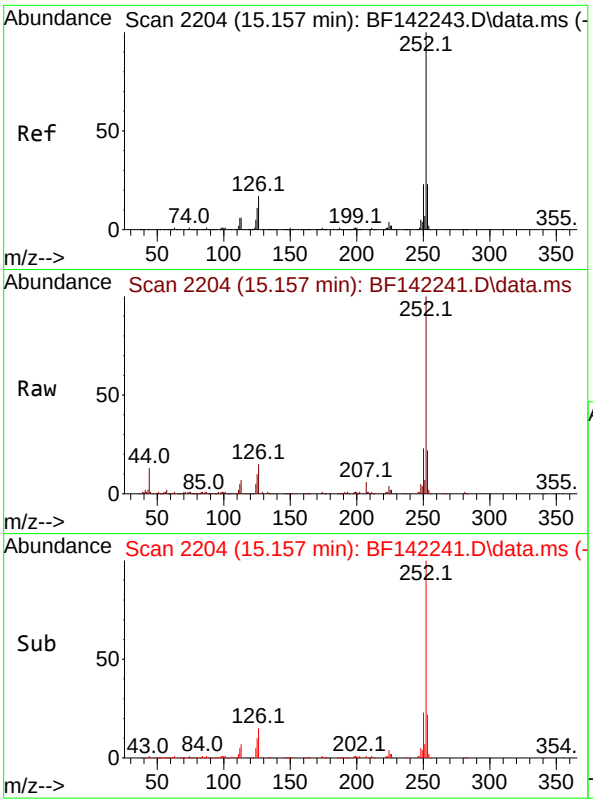


#88
Benzo(b)fluoranthene
Concen: 9.823 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:252 Resp: 202615

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	11.1	9.0	13.4



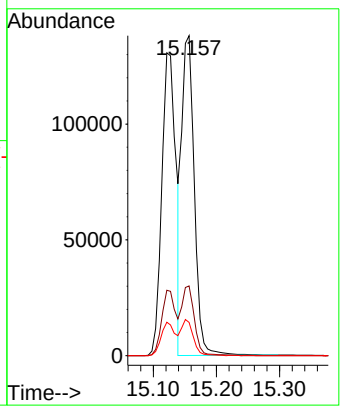


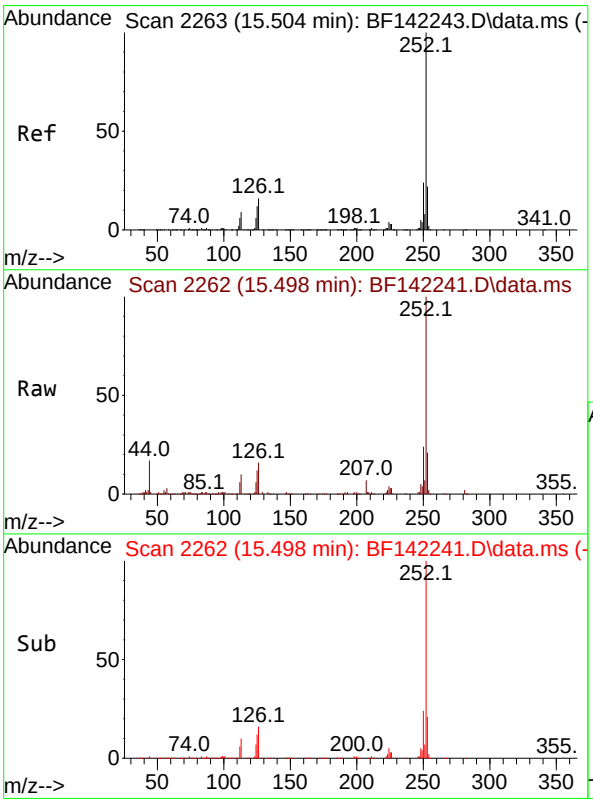
#89
Benzo(k)fluoranthene
Concen: 10.203 ng
RT: 15.157 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 192500

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	10.4	9.0	13.6

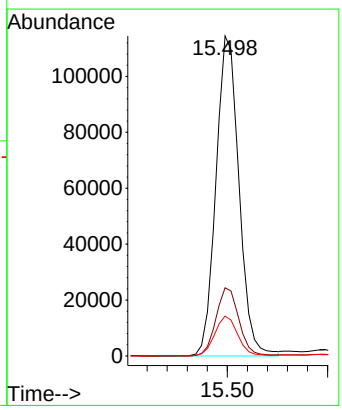


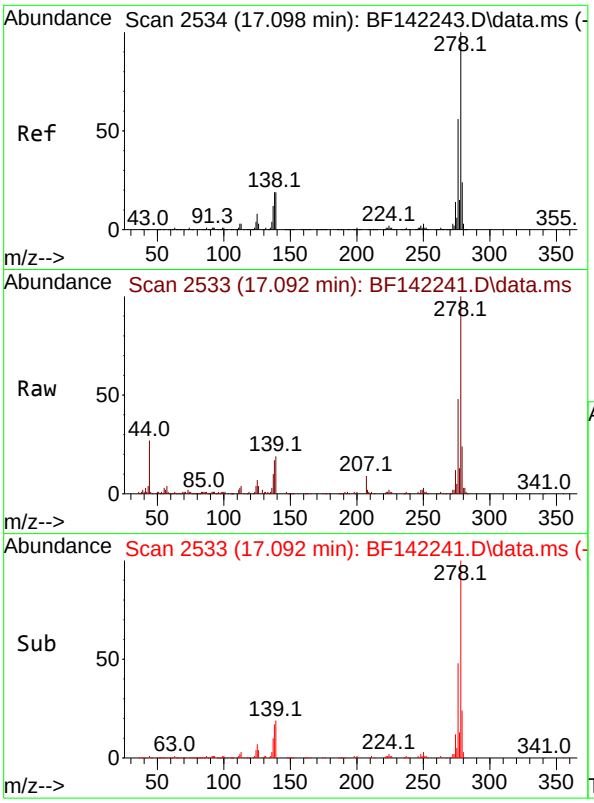


#90
Benzo(a)pyrene
Concen: 9.651 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:252 Resp: 182258

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.6	26.4
125	12.5	9.5	14.3



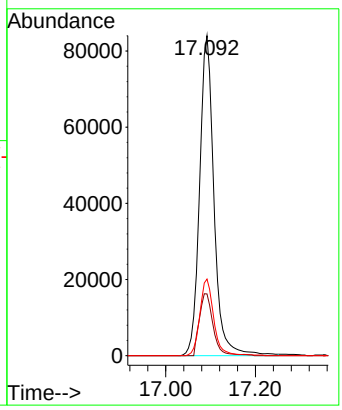


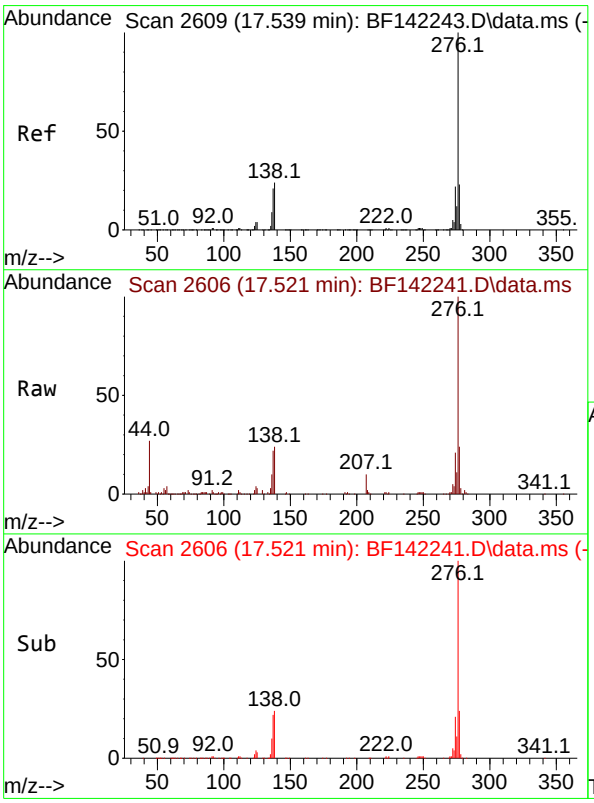
#91
Dibenzo(a,h)anthracene
Concen: 9.513 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 187788

Ion	Ratio	Lower	Upper
278	100		
139	19.3	15.2	22.8
279	24.0	19.0	28.6

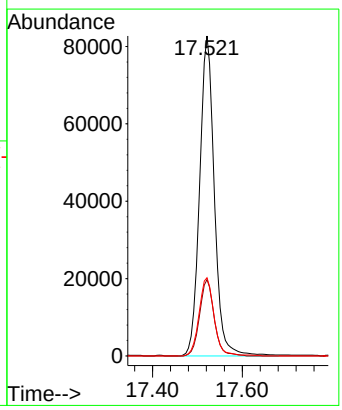




#92
Benzo(g,h,i)perylene
Concen: 9.518 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.018 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:276 Resp: 188891

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.7	28.1
138	24.4	19.4	29.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142242.D
Acq On : 30 Apr 2025 12:49
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 30 15:42:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	194641	20.000	ng	0.00
21) Naphthalene-d8	8.193	136	746567	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	398805	20.000	ng	0.00
64) Phenanthrene-d10	11.434	188	679379	20.000	ng	0.00
76) Chrysene-d12	14.075	240	430351	20.000	ng	0.00
86) Perylene-d12	15.569	264	350840	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	492356	40.399	ng	0.00
7) Phenol-d6	6.516	99	597221	40.580	ng	-0.01
23) Nitrobenzene-d5	7.469	82	450837	39.673	ng	0.00
42) 2,4,6-Tribromophenol	10.734	330	146779	40.372	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1212743	42.876	ng	0.00
79) Terphenyl-d14	13.022	244	1223735	41.357	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	109201	20.062	ng	100
3) Pyridine	3.458	79	282987	20.004	ng	100
4) n-Nitrosodimethylamine	3.399	42	141737	19.361	ng	97
6) Aniline	6.569	93	419797	20.152	ng	99
8) 2-Chlorophenol	6.687	128	253840	20.156	ng	99
9) Benzaldehyde	6.457	77	213052	20.712	ng	98
10) Phenol	6.534	94	322435	20.352	ng	98
11) bis(2-Chloroethyl)ether	6.640	93	247179	20.132	ng	99
12) 1,3-Dichlorobenzene	6.851	146	289129	20.294	ng	100
13) 1,4-Dichlorobenzene	6.928	146	290927	20.268	ng	99
14) 1,2-Dichlorobenzene	7.081	146	278592	20.331	ng	99
15) Benzyl Alcohol	7.040	79	207042	19.835	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	448250	20.218	ng	99
17) 2-Methylphenol	7.146	107	207957	20.157	ng	99
18) Hexachloroethane	7.422	117	93572	19.917	ng	96
19) n-Nitroso-di-n-propyla...	7.316	70	184776	20.318	ng	99
20) 3+4-Methylphenols	7.298	107	267057	20.700	ng	96
22) Acetophenone	7.310	105	360484	20.872	ng	98
24) Nitrobenzene	7.487	77	221499	19.865	ng	98
25) Isophorone	7.722	82	479096	20.088	ng	99
26) 2-Nitrophenol	7.804	139	61615	17.893	ng	98
27) 2,4-Dimethylphenol	7.834	122	248864	20.696	ng	97
28) bis(2-Chloroethoxy)met...	7.934	93	309073	20.549	ng	99
29) 2,4-Dichlorophenol	8.040	162	204821	20.374	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	227898	20.315	ng	100
31) Naphthalene	8.210	128	772839	20.758	ng	100
32) Benzoic acid	7.904	122	64656m	19.412	ng	
33) 4-Chloroaniline	8.257	127	320218	20.654	ng	99
34) Hexachlorobutadiene	8.334	225	133474	20.393	ng	99
35) Caprolactam	8.604	113	60791	20.118	ng	99
36) 4-Chloro-3-methylphenol	8.722	107	208419	20.190	ng	99
37) 2-Methylnaphthalene	8.904	142	472896	20.658	ng	100
38) 1-Methylnaphthalene	9.004	142	497635	20.985	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	228311	20.342	ng	99
41) Hexachlorocyclopentadiene	9.057	237	121953	19.145	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	140807	20.246	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142242.D
Acq On : 30 Apr 2025 12:49
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 30 15:42:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	144462	19.756	ng		99
46) 1,1'-Biphenyl	9.369	154	643017	20.740	ng		99
47) 2-Chloronaphthalene	9.392	162	474899	20.588	ng		98
48) 2-Nitroaniline	9.481	65	90798	18.213	ng		97
49) Acenaphthylene	9.810	152	807654	20.749	ng		99
50) Dimethylphthalate	9.663	163	518802	20.334	ng		100
51) 2,6-Dinitrotoluene	9.722	165	76955	18.432	ng		93
52) Acenaphthene	9.981	154	460927	20.281	ng		100
53) 3-Nitroaniline	9.892	138	100560	18.959	ng	#	95
54) 2,4-Dinitrophenol	9.992	184	14553	18.804	ng	#	1
55) Dibenzofuran	10.151	168	698155	20.493	ng		100
56) 4-Nitrophenol	10.034	139	70423	17.561	ng		97
57) 2,4-Dinitrotoluene	10.122	165	84812	17.844	ng		95
58) Fluorene	10.492	166	538647	20.793	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	124353	20.530	ng		99
60) Diethylphthalate	10.363	149	519294	20.611	ng		98
61) 4-Chlorophenyl-phenyle...	10.486	204	252213	20.502	ng		99
62) 4-Nitroaniline	10.498	138	92884	18.933	ng		97
63) Azobenzene	10.645	77	508482	20.438	ng		98
65) 4,6-Dinitro-2-methylph...	10.528	198	23400	18.756	ng		98
66) n-Nitrosodiphenylamine	10.604	169	470767	20.280	ng		100
67) 4-Bromophenyl-phenylether	10.981	248	151720	20.053	ng		99
68) Hexachlorobenzene	11.039	284	168767	19.916	ng		97
69) Atrazine	11.128	200	126444	20.665	ng		99
70) Pentachlorophenol	11.228	266	81929	18.301	ng		99
71) Phenanthrene	11.457	178	760476	20.723	ng		99
72) Anthracene	11.510	178	782215	20.848	ng		99
73) Carbazole	11.657	167	720775	21.059	ng		99
74) Di-n-butylphthalate	11.998	149	739011	21.469	ng		99
75) Fluoranthene	12.645	202	784880	21.636	ng		100
77) Benzidine	12.769	184	381034	20.837	ng		99
78) Pyrene	12.875	202	795806	20.046	ng		100
80) Butylbenzylphthalate	13.498	149	174268	18.529	ng		99
81) Benzo(a)anthracene	14.063	228	573438	19.849	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	163359	19.251	ng		100
83) Chrysene	14.098	228	537388	20.435	ng		100
84) Bis(2-ethylhexyl)phtha...	14.057	149	236325	18.042	ng		100
85) Di-n-octyl phthalate	14.674	149	376362	17.998	ng		98
87) Indeno(1,2,3-cd)pyrene	17.074	276	514496	20.021	ng		99
88) Benzo(b)fluoranthene	15.127	252	423694	19.442	ng		98
89) Benzo(k)fluoranthene	15.157	252	428646	21.504	ng		98
90) Benzo(a)pyrene	15.504	252	402101	20.154	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	420029	20.139	ng		98
92) Benzo(g,h,i)perylene	17.527	276	422497	20.150	ng		100

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

ICAL Form

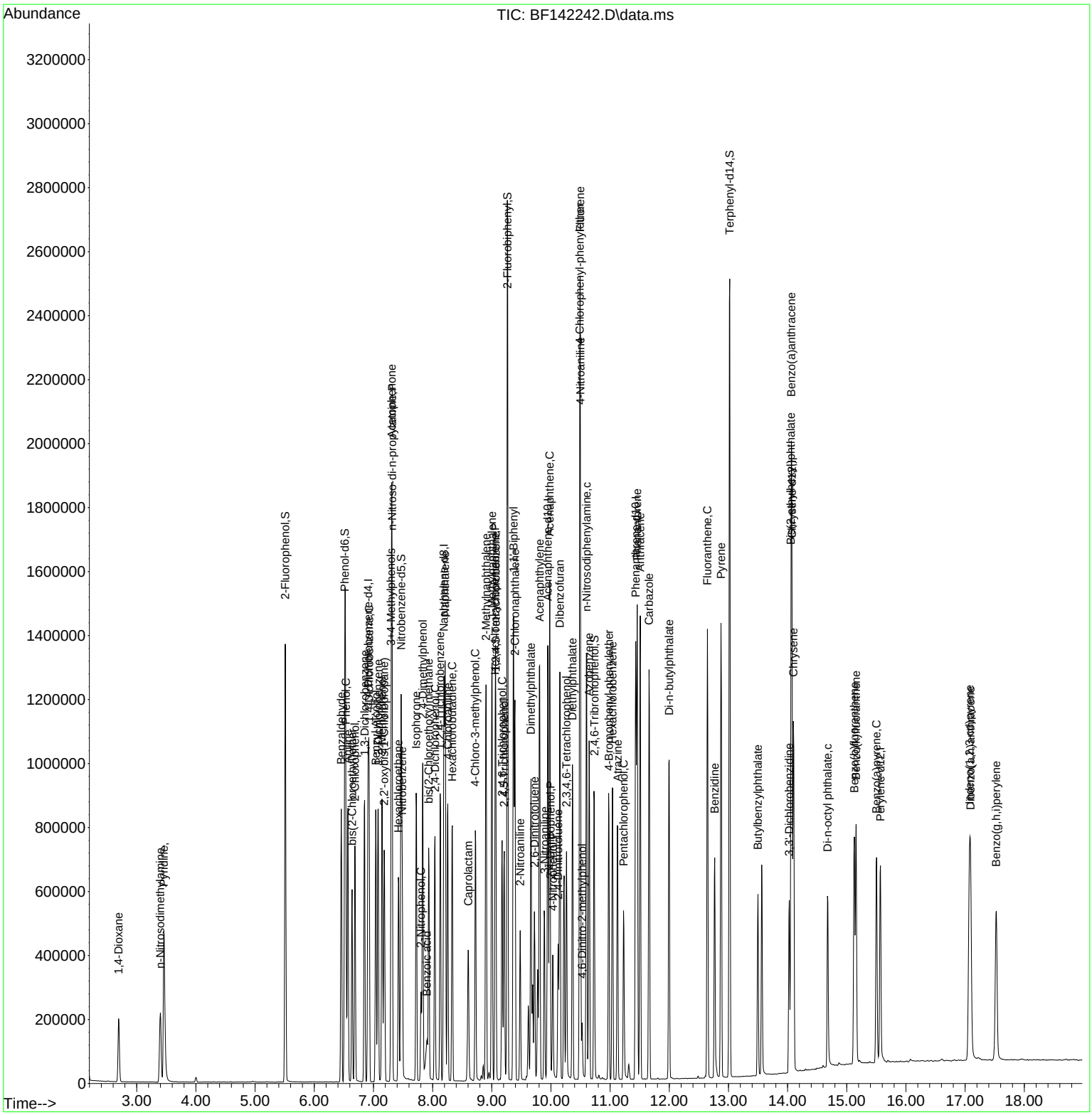
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142242.D
Acq On : 30 Apr 2025 12:49
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

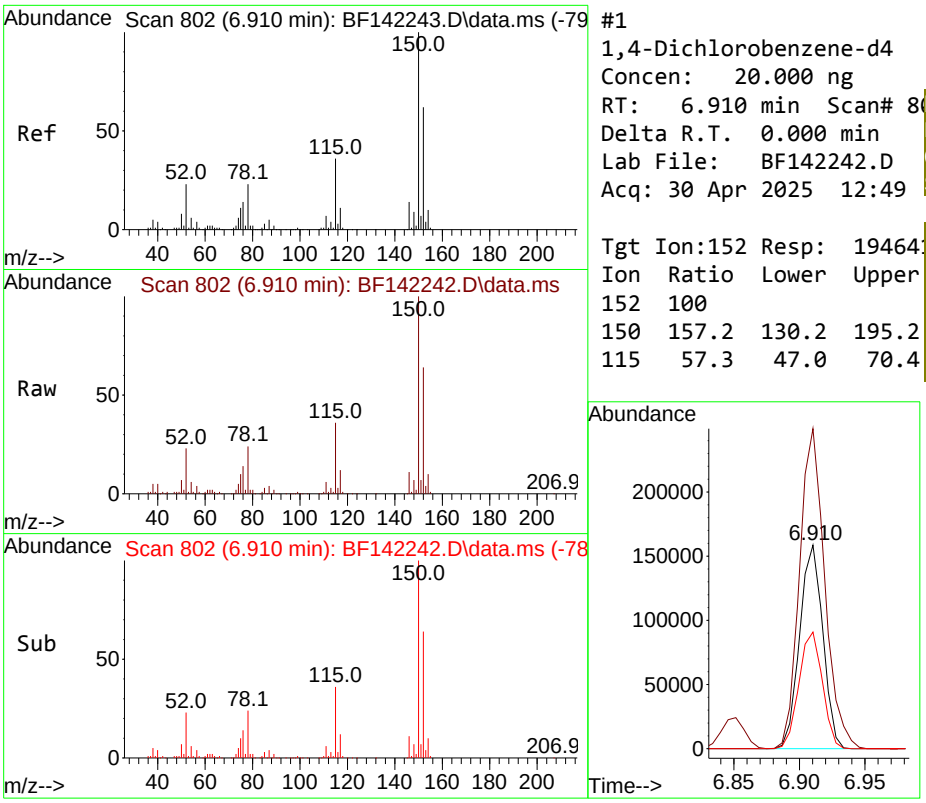
Quant Time: Apr 30 15:42:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:152 Resp: 19464

Ion	Ratio	Lower	Upper
152	100		
150	157.2	130.2	195.2
115	57.3	47.0	70.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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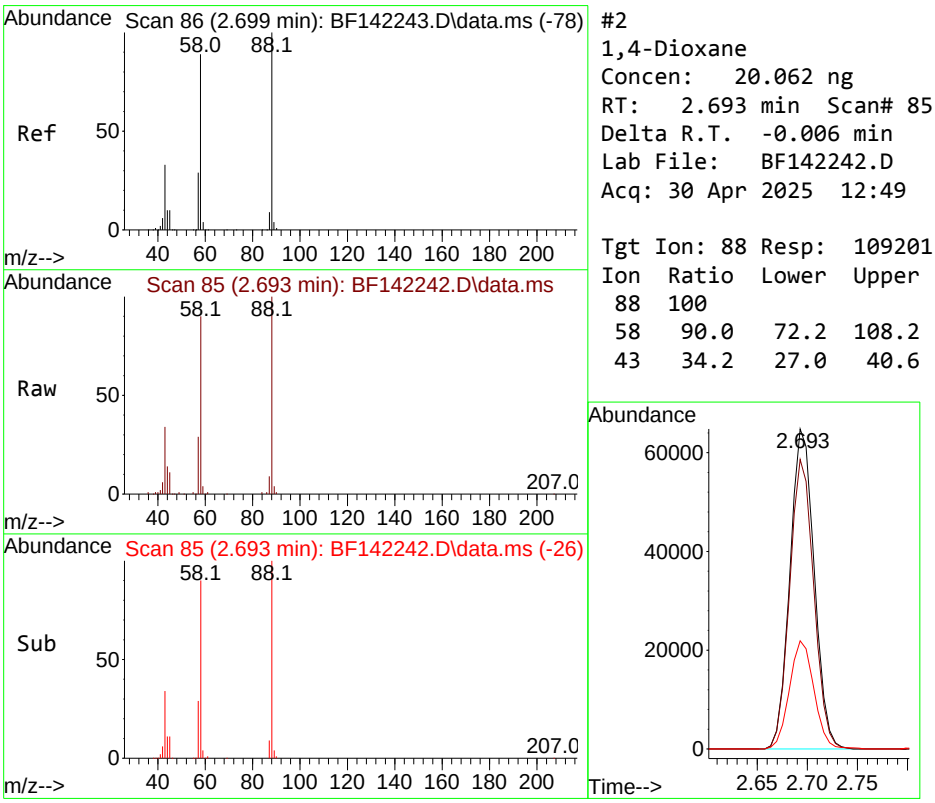
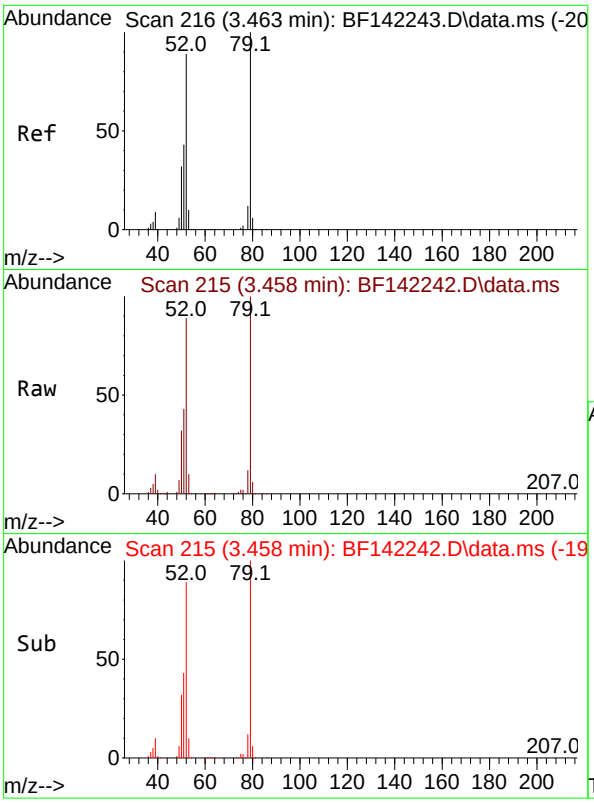


#2
1,4-Dioxane
Concen: 20.062 ng
RT: 2.693 min Scan# 85
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion: 88 Resp: 109201

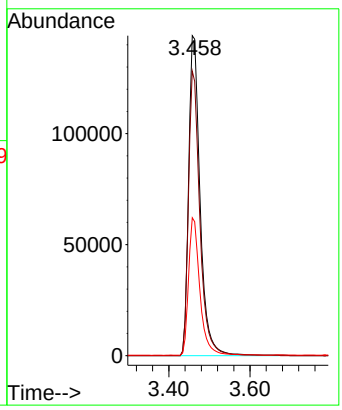
Ion	Ratio	Lower	Upper
88	100		
58	90.0	72.2	108.2
43	34.2	27.0	40.6



#3
Pyridine
Concen: 20.004 ng
RT: 3.458 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion: 79 Resp: 28298

Ion	Ratio	Lower	Upper
79	100		
52	89.0	71.5	107.3
51	43.1	34.5	51.7



Instrument :
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ClientSampleId :
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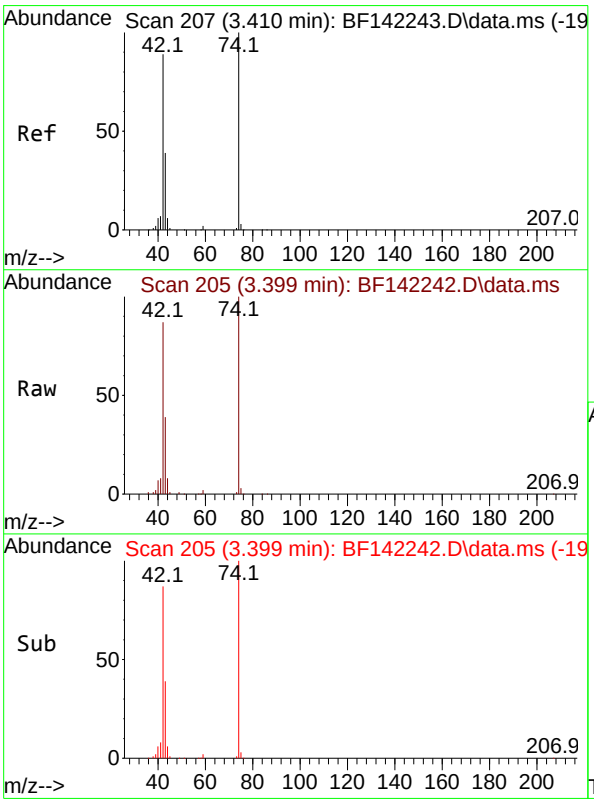
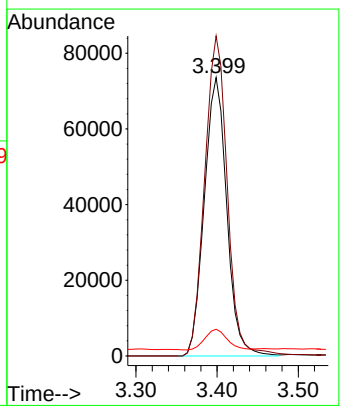
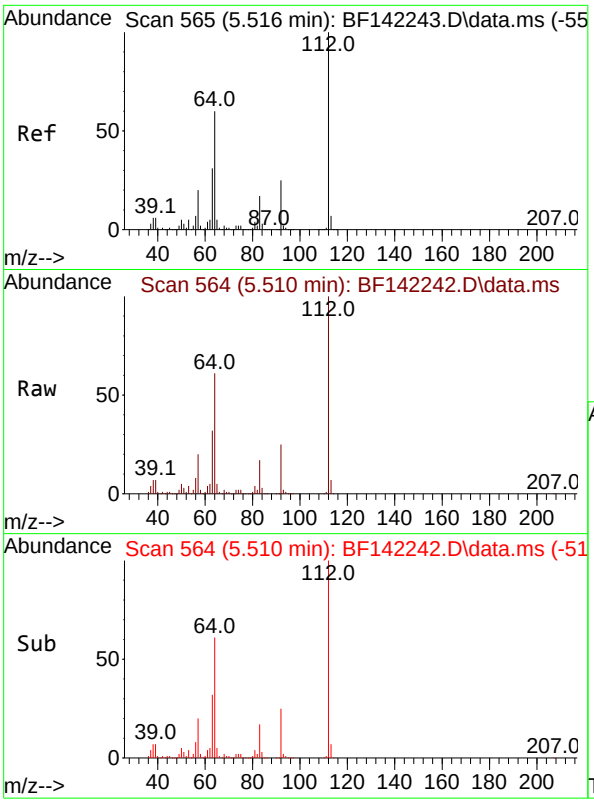


#4
n-Nitrosodimethylamine
Concen: 19.361 ng
RT: 3.399 min Scan# 205
Delta R.T. -0.012 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion: 42 Resp: 141737

Ion	Ratio	Lower	Upper
42	100		
74	114.9	89.5	134.3
44	9.6	6.6	9.8

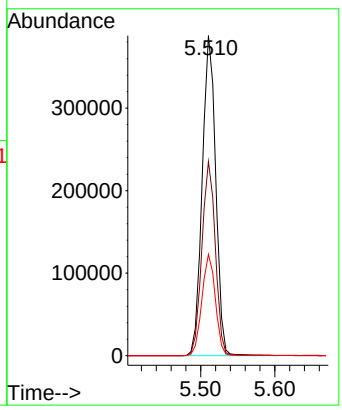




#5
2-Fluorophenol
Concen: 40.399 ng
RT: 5.510 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:112 Resp: 49235

Ion	Ratio	Lower	Upper
112	100		
64	60.7	48.4	72.6
63	31.7	24.8	37.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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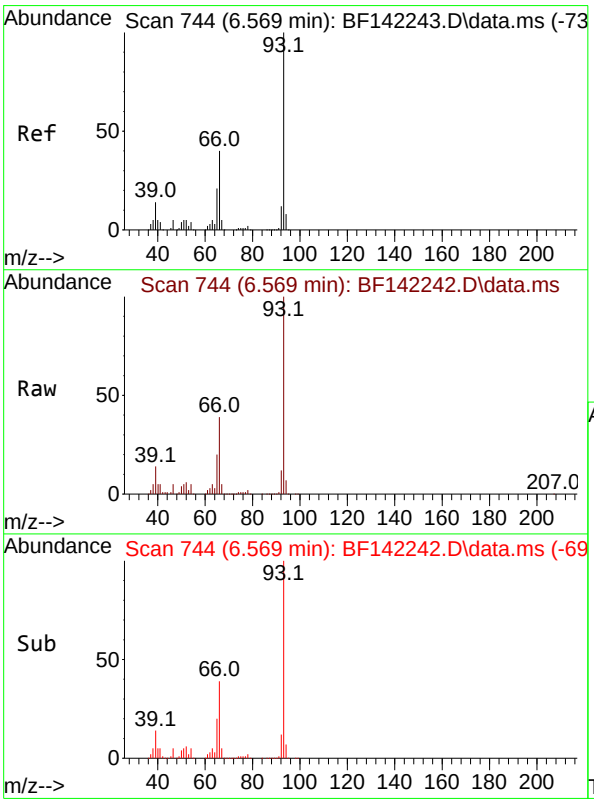
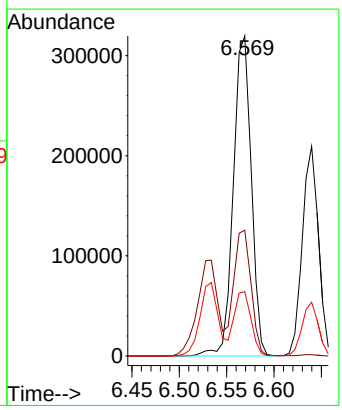
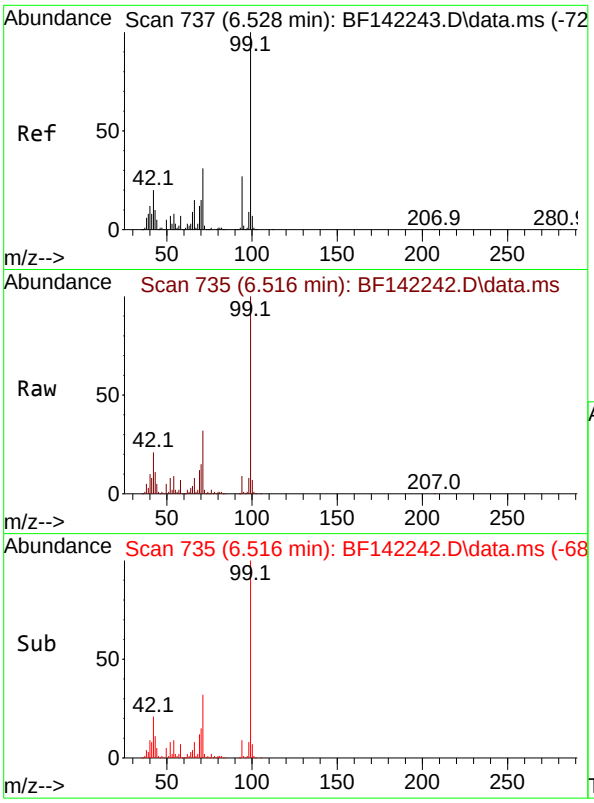


#6
Aniline
Concen: 20.152 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion: 93 Resp: 419797

Ion	Ratio	Lower	Upper
93	100		
66	39.3	32.1	48.1
65	20.1	16.6	24.8

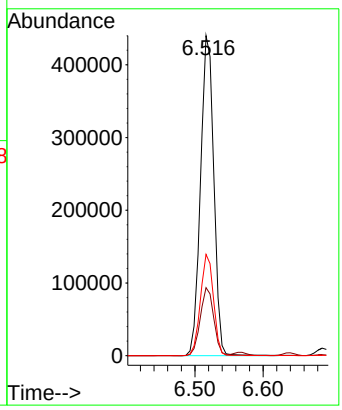




#7
Phenol-d6
Concen: 40.580 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion: 99 Resp: 59722

Ion	Ratio	Lower	Upper
99	100		
42	21.3	16.3	24.5
71	31.6	25.0	37.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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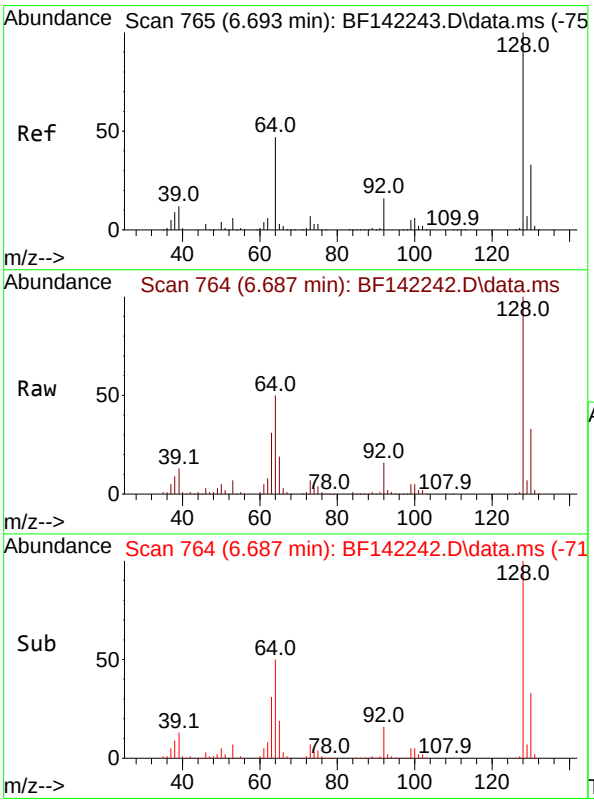
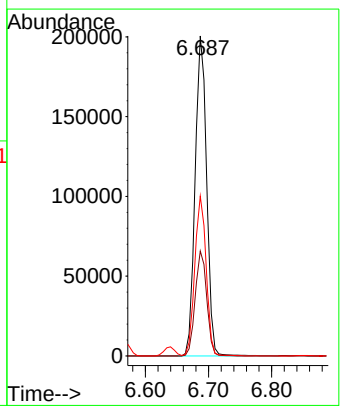
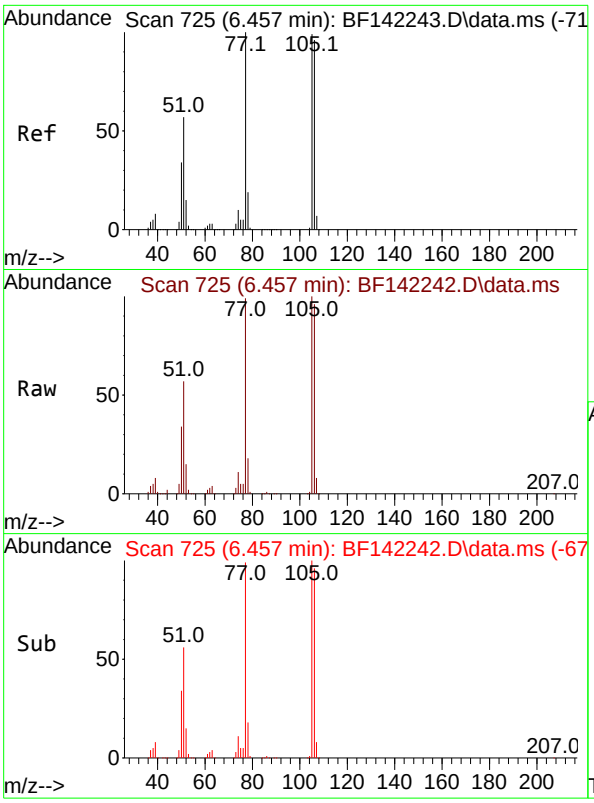


#8
2-Chlorophenol
Concen: 20.156 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:128 Resp: 253840

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.1	53.1
64	50.0	28.6	68.6

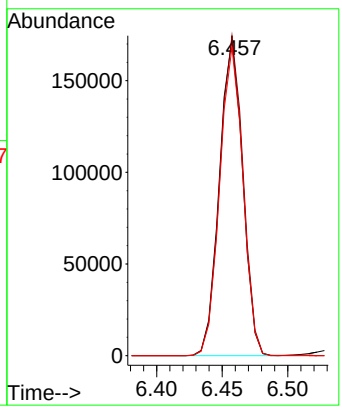




#9
Benzaldehyde
Concen: 20.712 ng
RT: 6.457 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion: 77 Resp: 21305

Ion	Ratio	Lower	Upper
77	100		
105	101.1	79.1	119.1
106	97.4	76.0	116.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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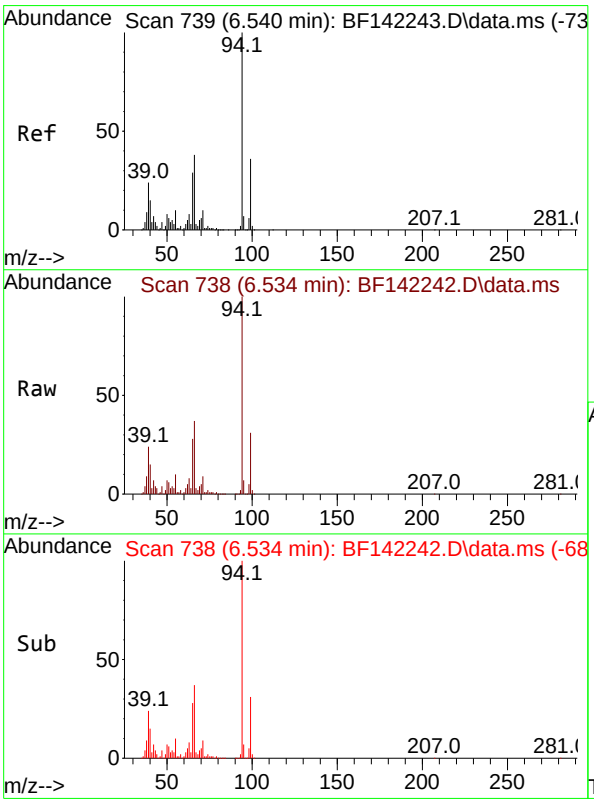
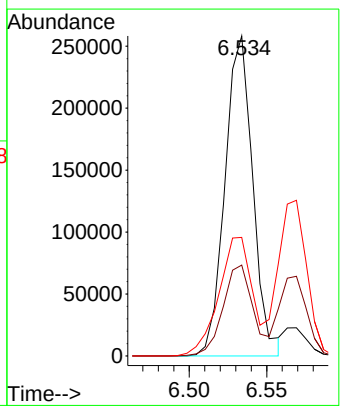
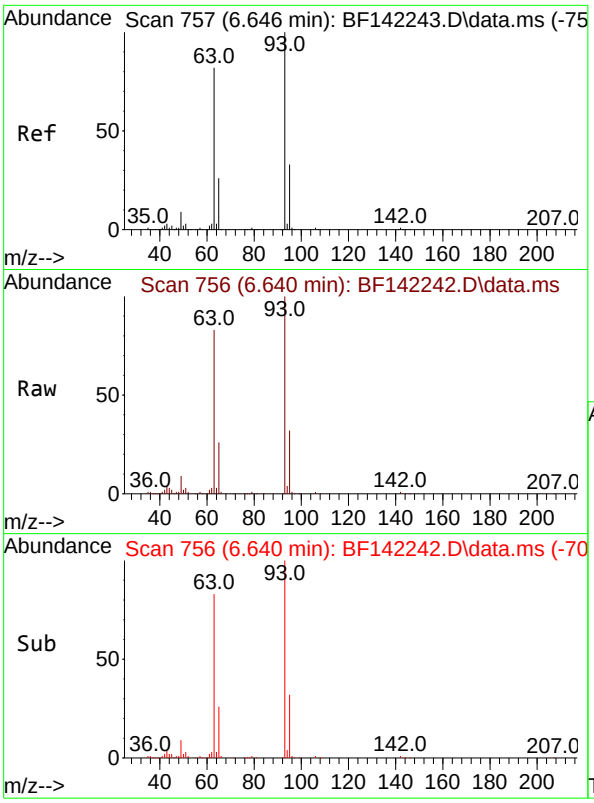


#10
Phenol
Concen: 20.352 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion: 94 Resp: 322435

Ion	Ratio	Lower	Upper
94	100		
65	28.4	8.9	48.9
66	37.1	18.7	58.7

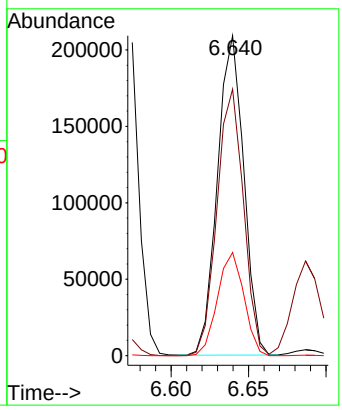




#11
bis(2-Chloroethyl)ether
Concen: 20.132 ng
RT: 6.640 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion: 93 Resp: 24717

Ion	Ratio	Lower	Upper
93	100		
63	83.3	62.2	102.2
95	32.3	12.7	52.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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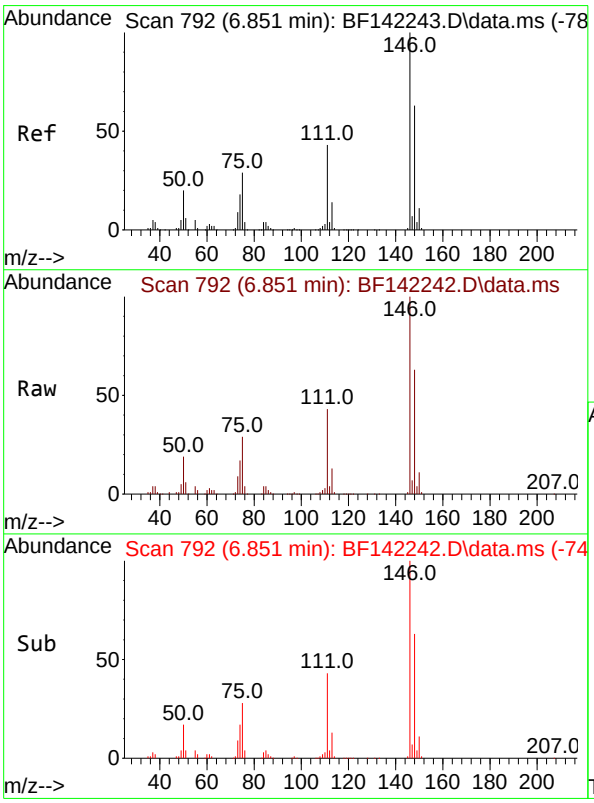
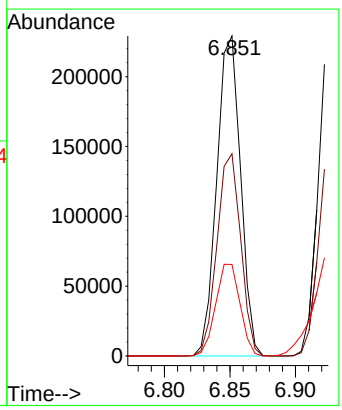
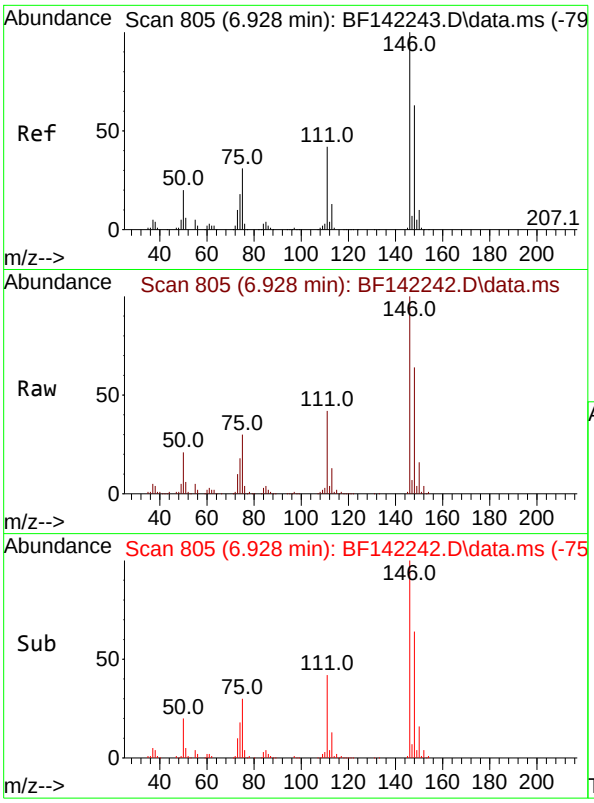


#12
1,3-Dichlorobenzene
Concen: 20.294 ng
RT: 6.851 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:146 Resp: 289129

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.5	75.7
75	28.6	23.2	34.8

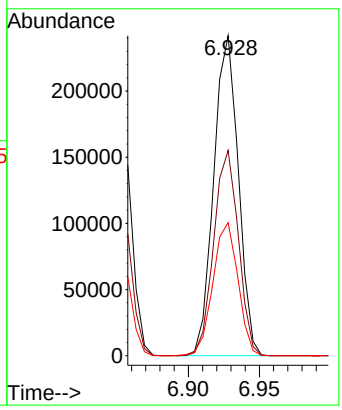




#13
1,4-Dichlorobenzene
Concen: 20.268 ng
RT: 6.928 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:146 Resp: 29092

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	76.0
111	41.6	33.4	50.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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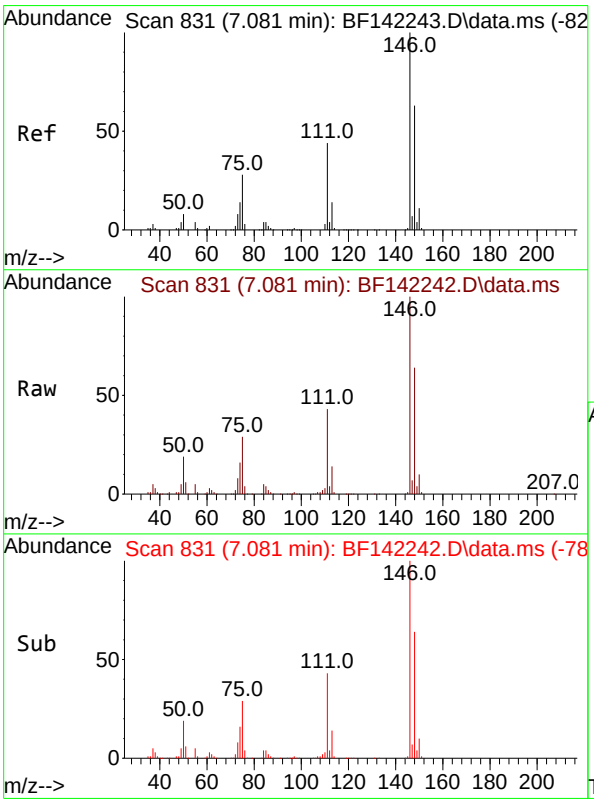
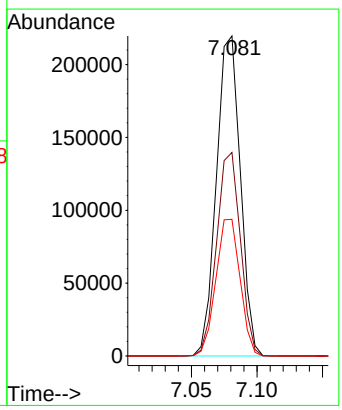
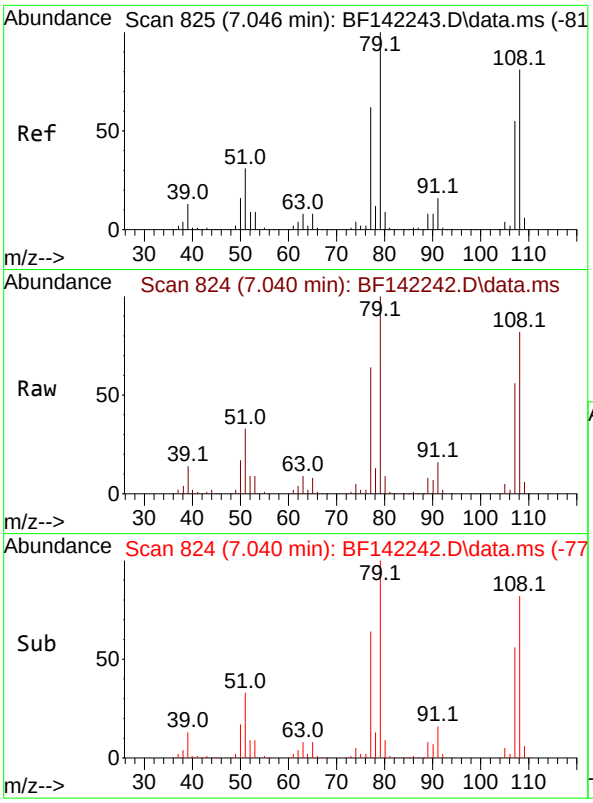


#14
1,2-Dichlorobenzene
Concen: 20.331 ng
RT: 7.081 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:146 Resp: 278592

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.5	75.7
111	42.7	34.9	52.3





#15
Benzyl Alcohol
Concen: 19.835 ng
RT: 7.040 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion: 79 Resp: 20704

Ion	Ratio	Lower	Upper
79	100		
108	81.7	64.5	96.7
77	63.5	49.2	73.8

Instrument :
BNA_F
ClientSampleId :
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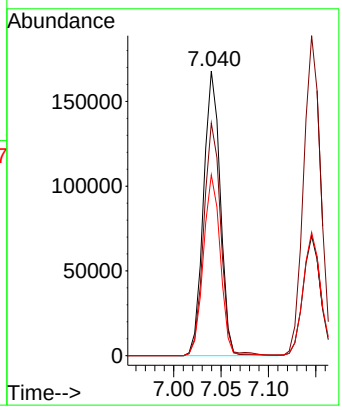
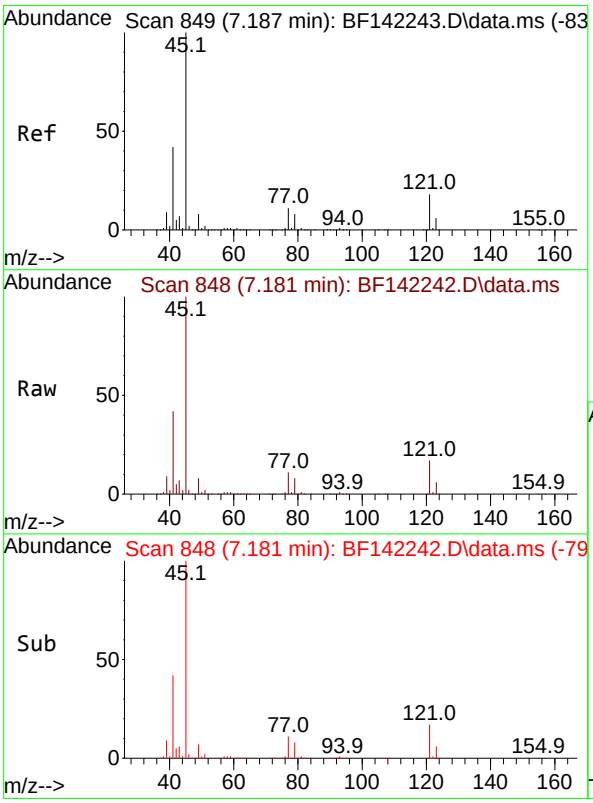
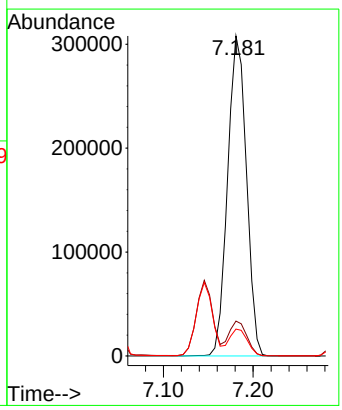


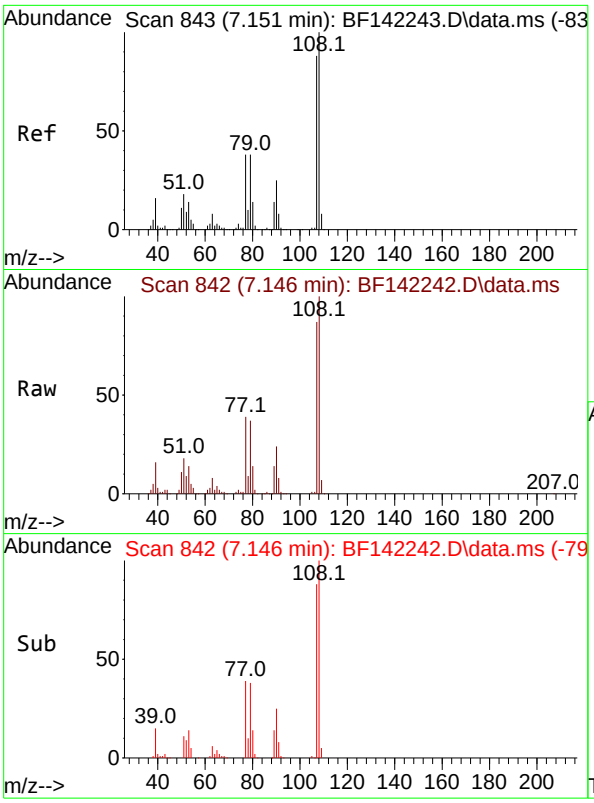


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.218 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion: 45 Resp: 448250

Ion	Ratio	Lower	Upper
45	100		
77	10.9	0.0	31.3
79	8.4	0.0	28.5

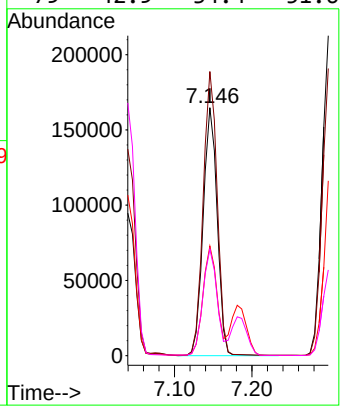




#17
2-Methylphenol
Concen: 20.157 ng
RT: 7.146 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:107 Resp: 20795

Ion	Ratio	Lower	Upper
107	100		
108	114.6	91.0	136.4
77	44.2	34.4	51.6
79	42.9	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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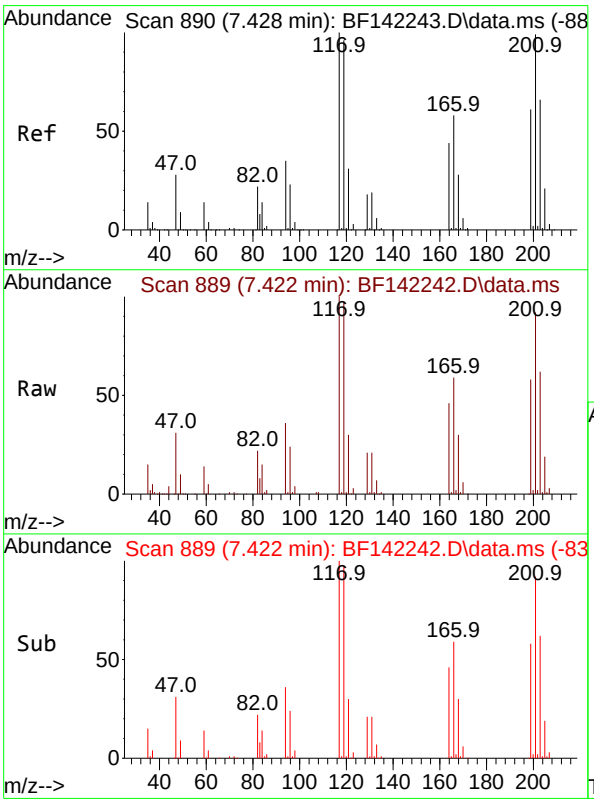
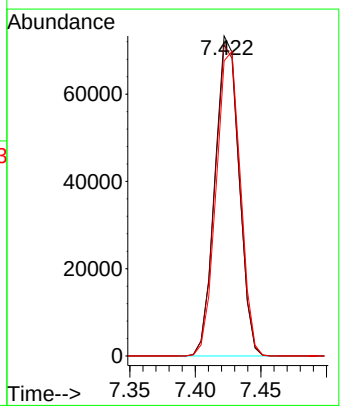
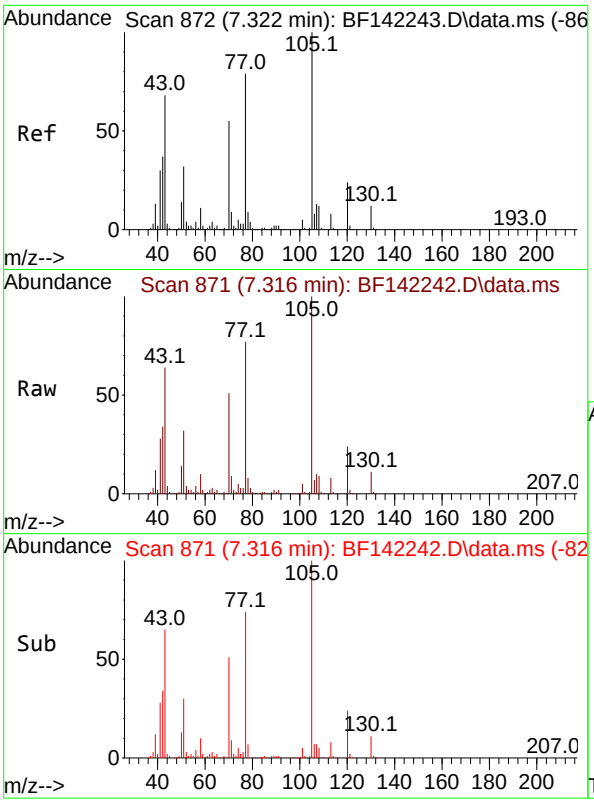


#18
Hexachloroethane
Concen: 19.917 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:117 Resp: 93572

Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.1	115.7
201	92.2	79.4	119.2

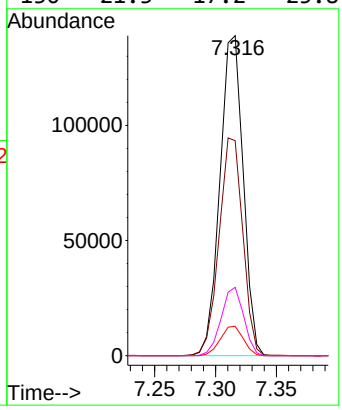




#19
n-Nitroso-di-n-propylamine
Concen: 20.318 ng
RT: 7.316 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion: 70 Resp: 18477

Ion	Ratio	Lower	Upper
70	100		
42	67.2	53.4	80.2
101	9.2	7.7	11.5
130	21.3	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
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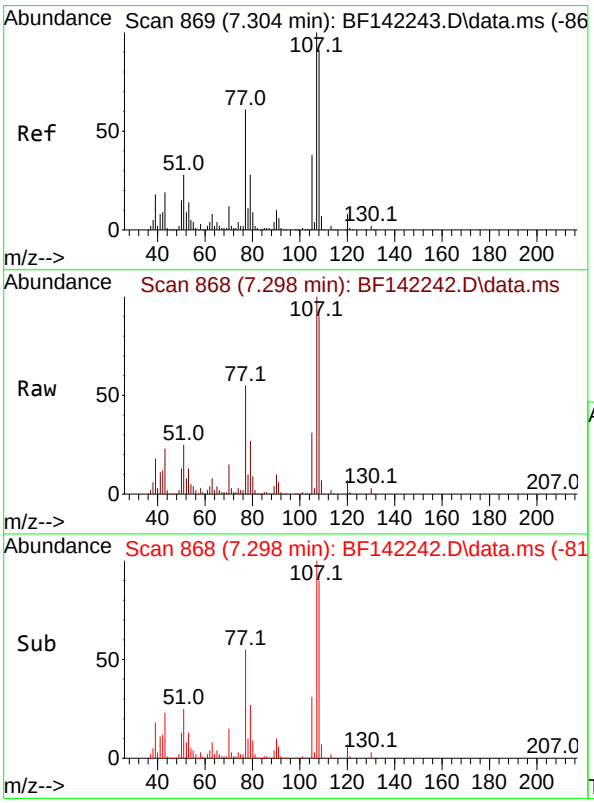
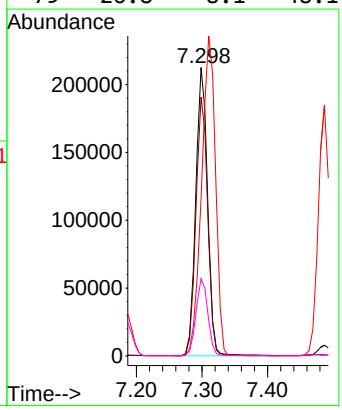
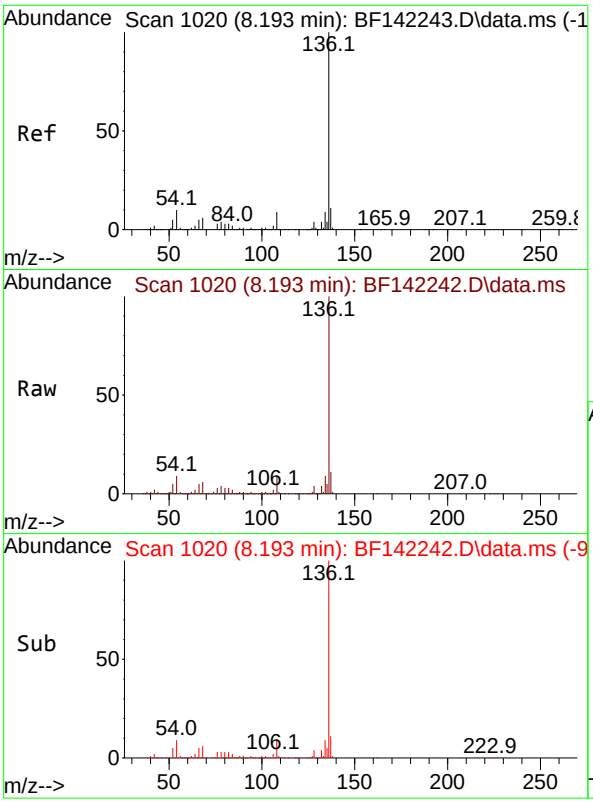


#20
3+4-Methylphenols
Concen: 20.700 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:107 Resp: 267057

Ion	Ratio	Lower	Upper
107	100		
108	89.7	71.2	111.2
77	54.6	41.1	81.1
79	26.8	8.1	48.1

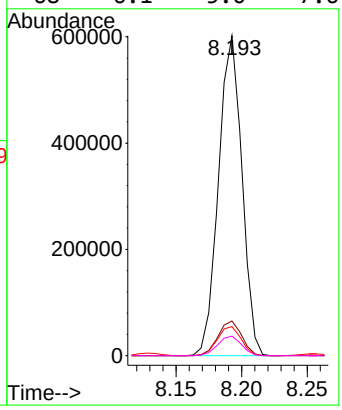




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.193 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:136 Resp: 74656

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.1	7.7	11.5
68	6.1	5.0	7.6



Instrument :
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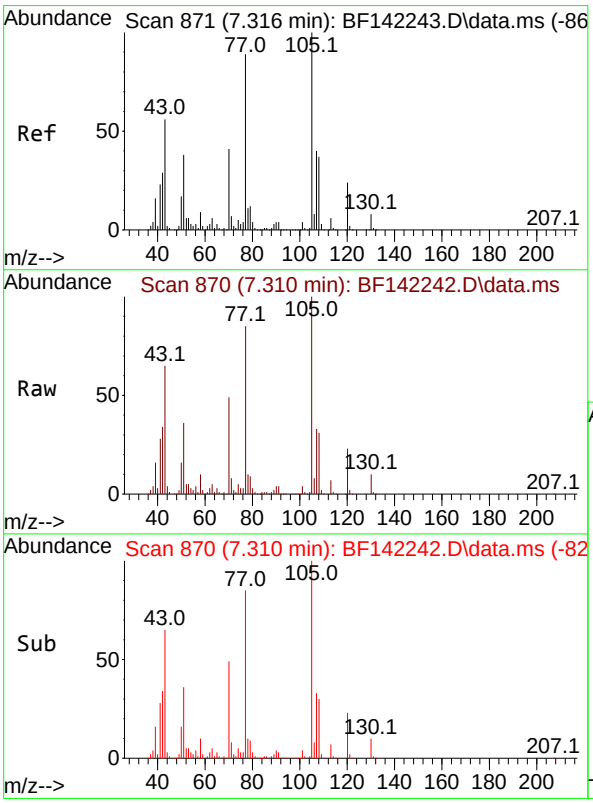
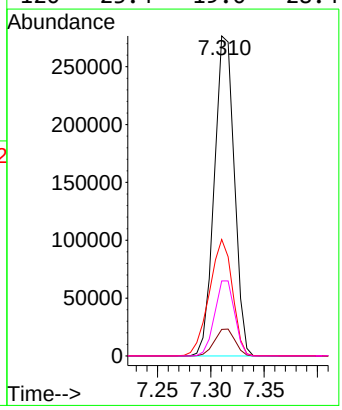
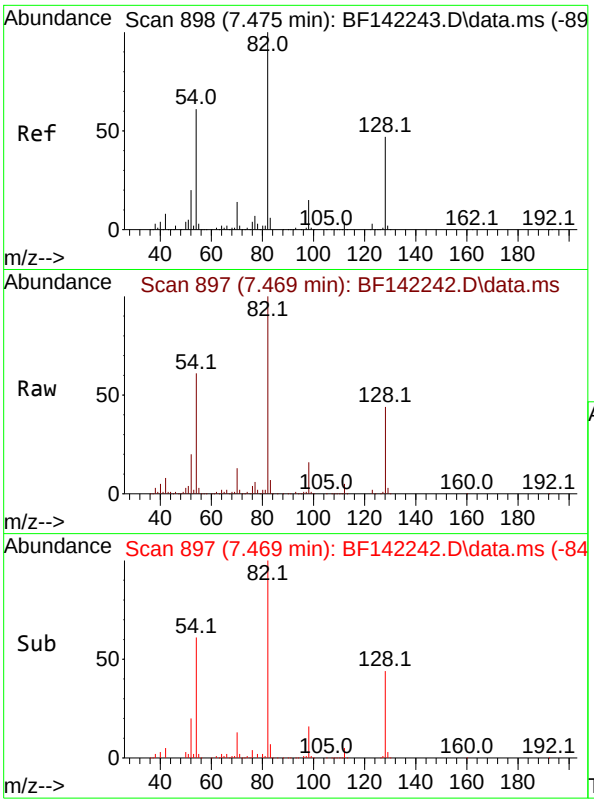


#22
Acetophenone
Concen: 20.872 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:105 Resp: 360484

Ion	Ratio	Lower	Upper
105	100		
71	8.3	5.7	8.5
51	36.4	30.1	45.1
120	23.4	19.0	28.4

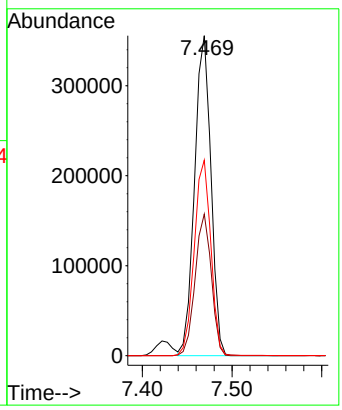




#23
Nitrobenzene-d5
Concen: 39.673 ng
RT: 7.469 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion: 82 Resp: 45083

Ion	Ratio	Lower	Upper
82	100		
128	44.3	37.0	55.6
54	61.1	48.0	72.0



Instrument :
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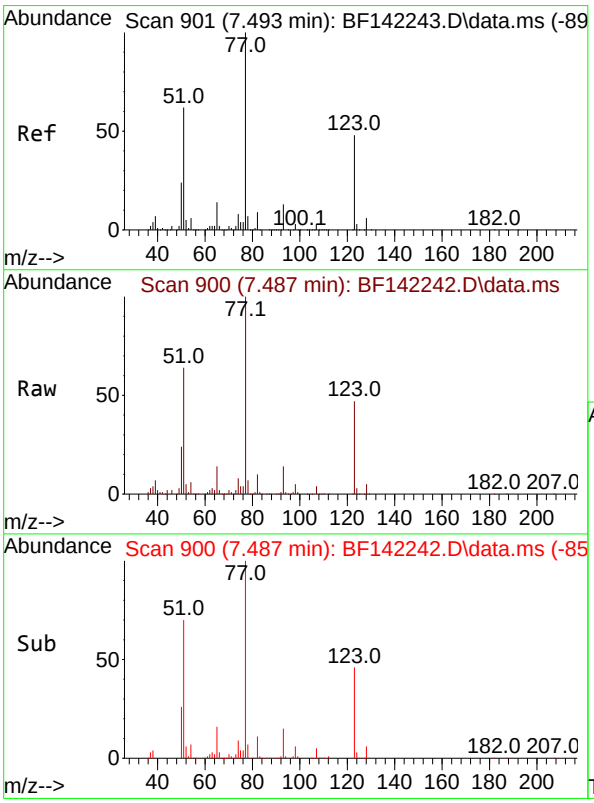
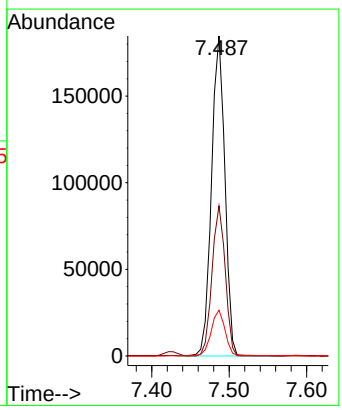
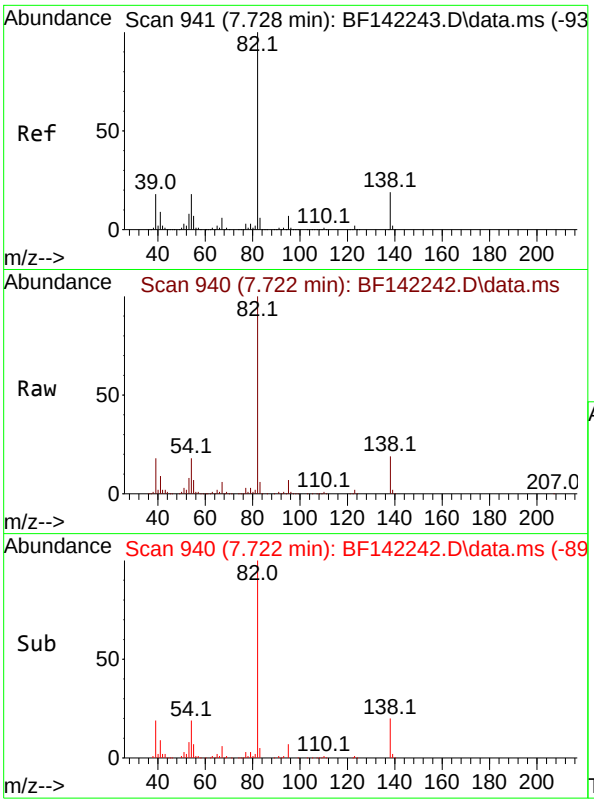


#24
Nitrobenzene
Concen: 19.865 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion: 77 Resp: 221499

Ion	Ratio	Lower	Upper
77	100		
123	46.9	38.6	58.0
65	14.3	11.5	17.3





#25
Isophorone
Concen: 20.088 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion: 82 Resp: 47909

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.6	8.4
138	19.4	15.3	22.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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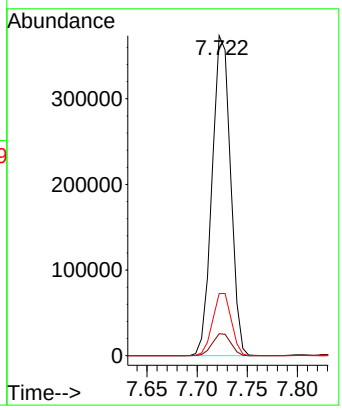
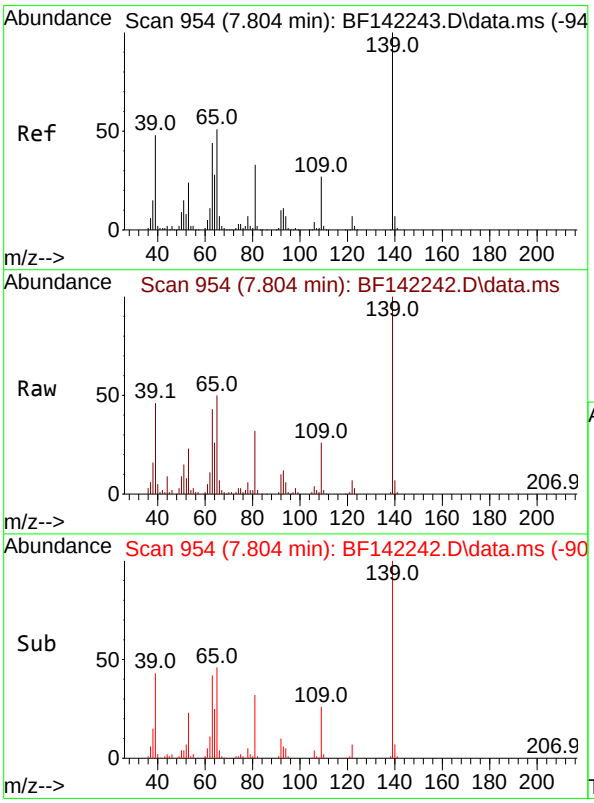
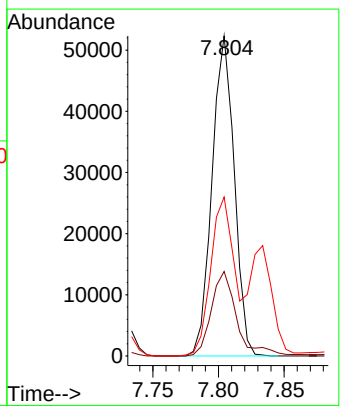


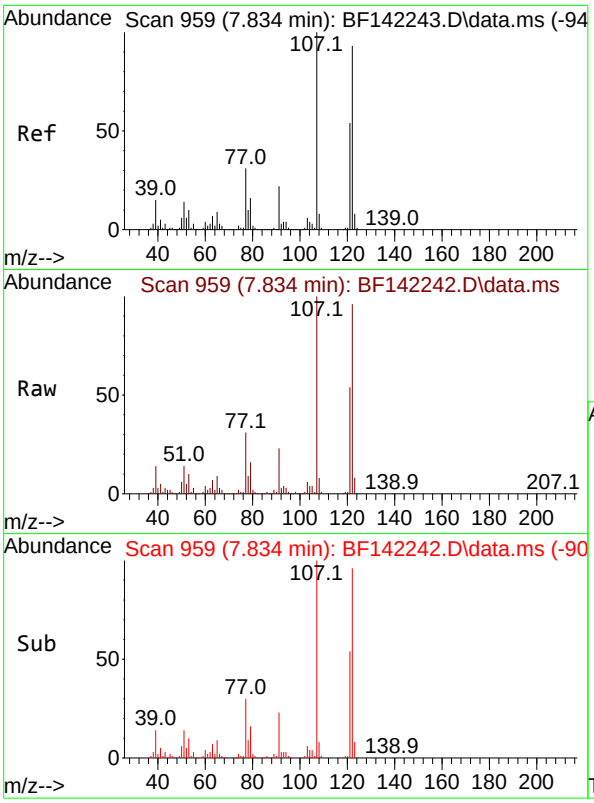


#26
2-Nitrophenol
Concen: 17.893 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:139 Resp: 61615

Ion	Ratio	Lower	Upper
139	100		
109	26.4	21.8	32.8
65	49.6	41.1	61.7

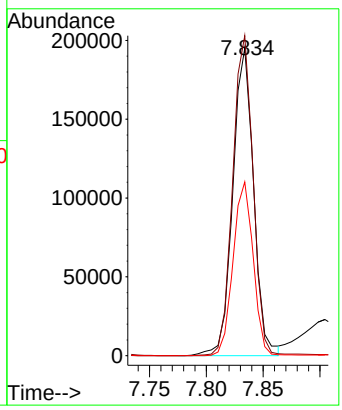




#27
2,4-Dimethylphenol
Concen: 20.696 ng
RT: 7.834 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:122 Resp: 24886

Ion	Ratio	Lower	Upper
122	100		
107	104.1	86.0	129.0
121	56.5	46.3	69.5



Instrument :
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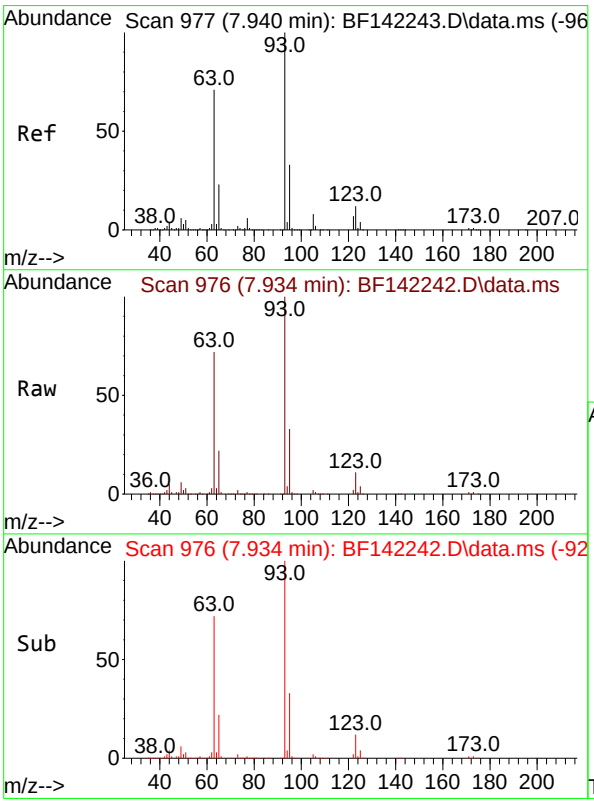
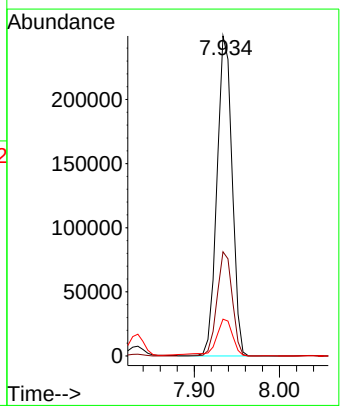
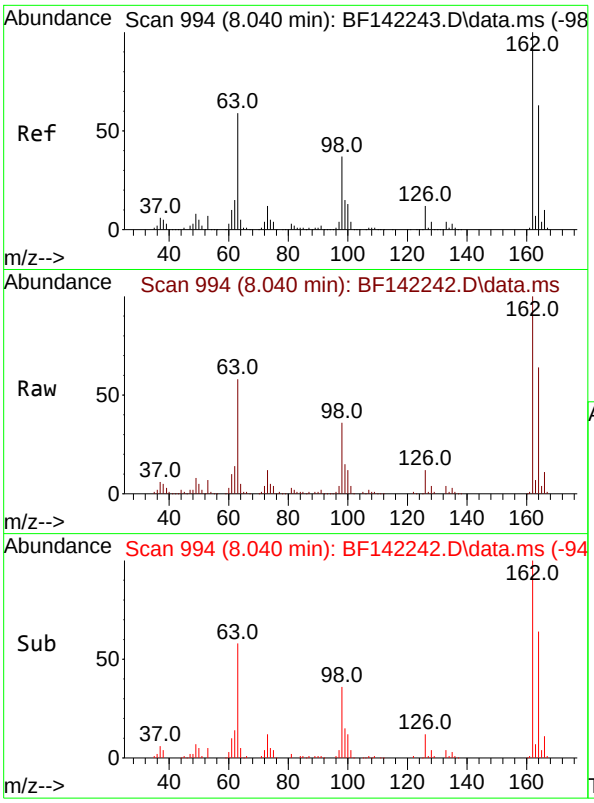


#28
bis(2-Chloroethoxy)methane
Concen: 20.549 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion: 93 Resp: 309073

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.2
123	11.5	9.7	14.5





#29
2,4-Dichlorophenol
Concen: 20.374 ng
RT: 8.040 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:162 Resp: 20482

Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.0	83.0
98	36.1	16.7	56.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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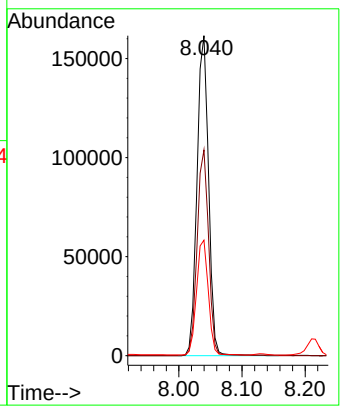
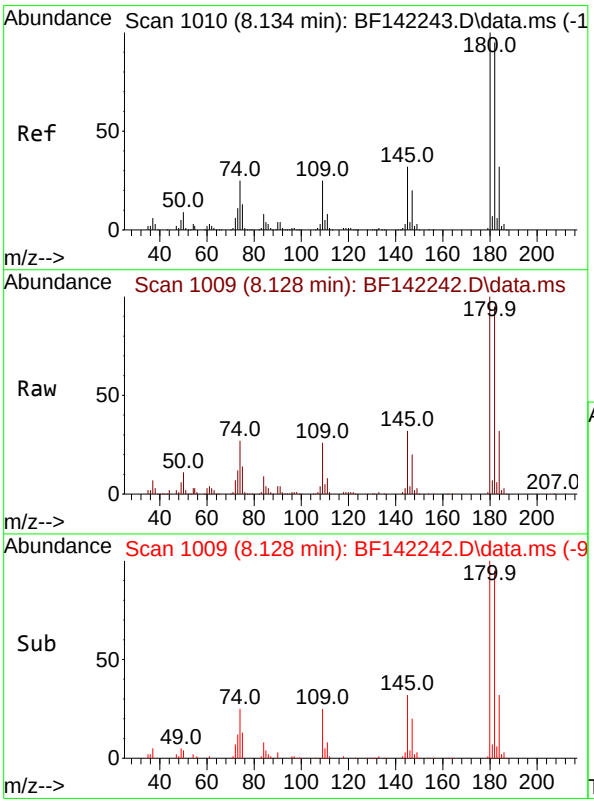
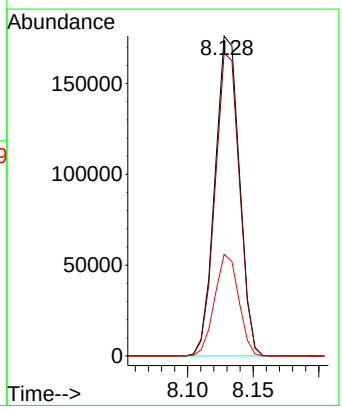


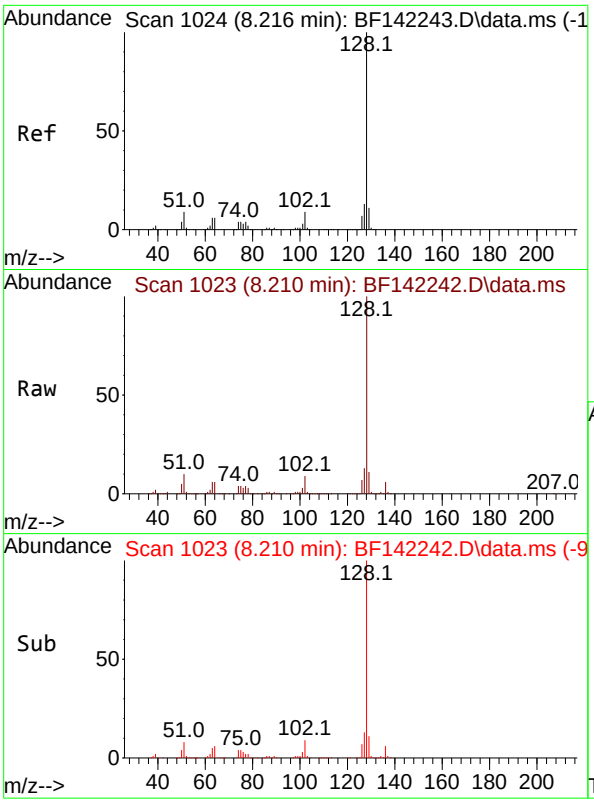


#30
1,2,4-Trichlorobenzene
Concen: 20.315 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:180 Resp: 227898

Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.7	113.5
145	31.7	25.4	38.0

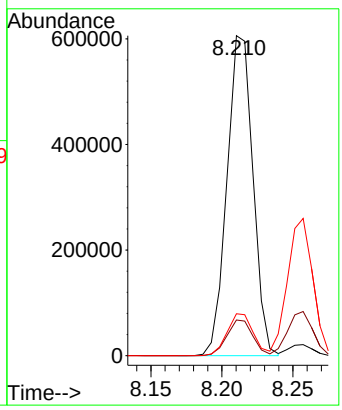




#31
Naphthalene
Concen: 20.758 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:128 Resp: 77283

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.1	10.6	15.8



Instrument :
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ClientSampleId :
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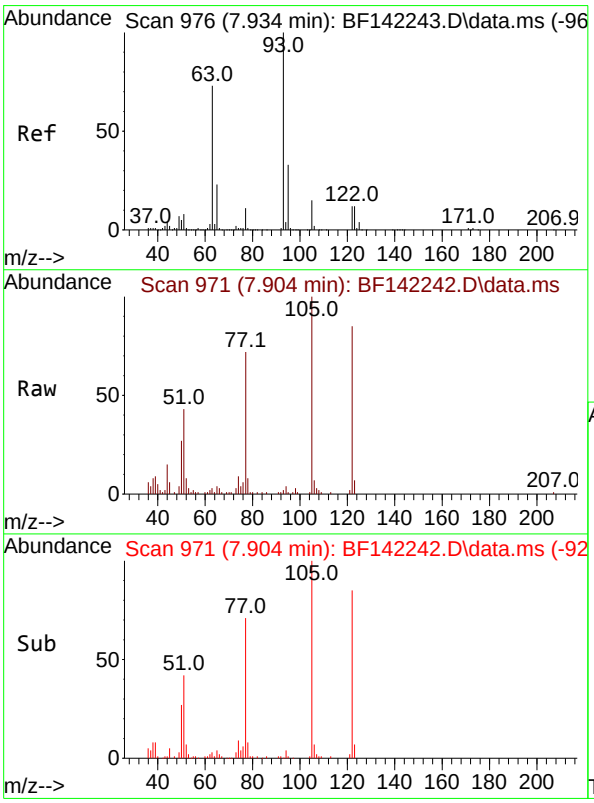
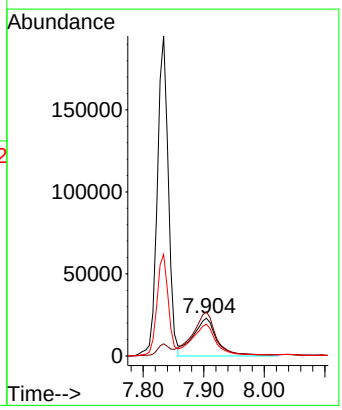
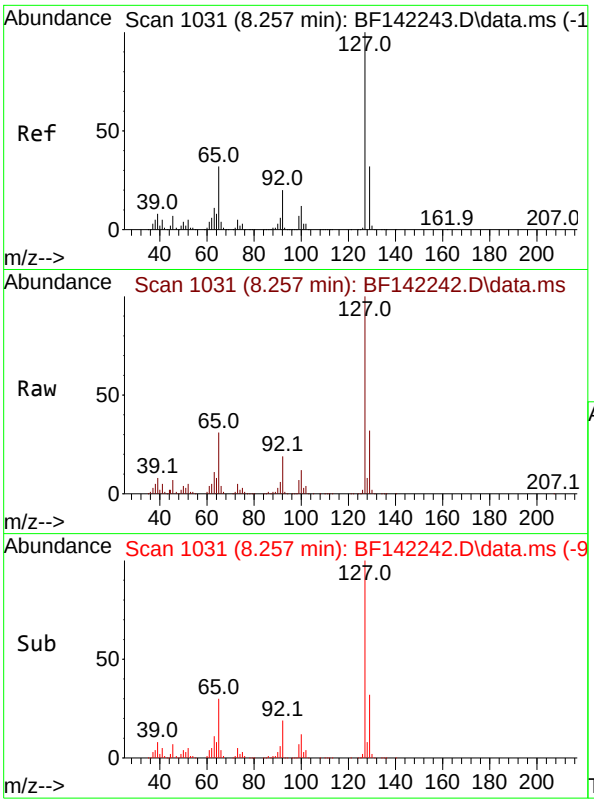


#32
Benzoic acid
Concen: 19.412 ng m
RT: 7.904 min Scan# 971
Delta R.T. -0.030 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:122 Resp: 64656

Ion	Ratio	Lower	Upper
122	100		
105	117.1	98.2	138.2
77	84.0	66.8	106.8

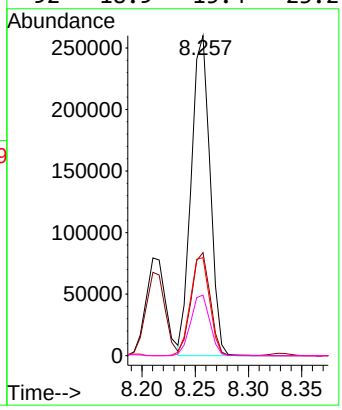




#33
4-Chloroaniline
Concen: 20.654 ng
RT: 8.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:127 Resp: 32021

Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	30.7	25.5	38.3
92	18.9	15.4	23.2



Instrument :
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ClientSampleId :
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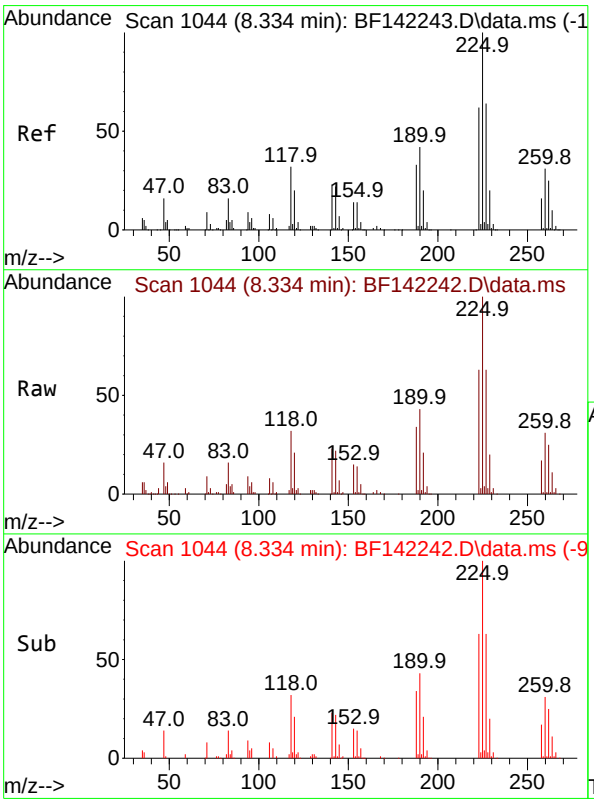
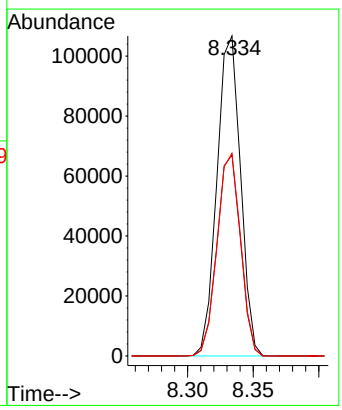
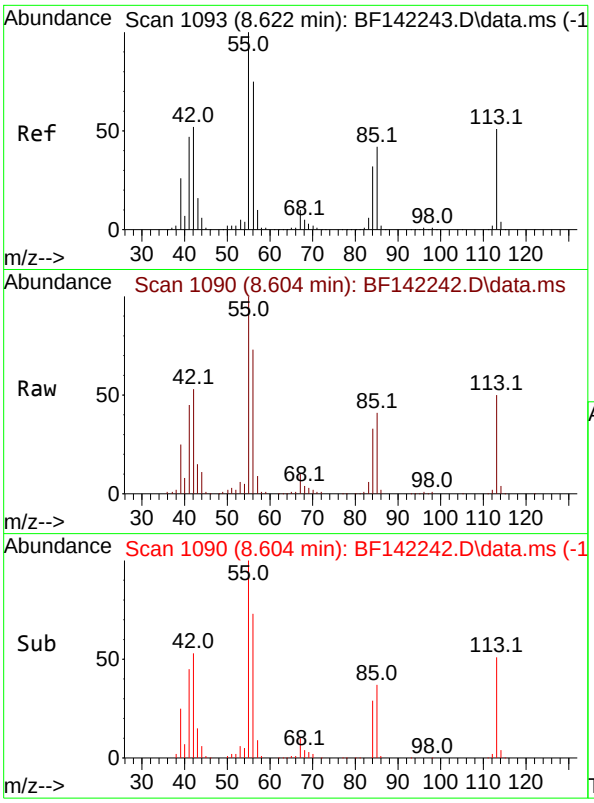


#34
Hexachlorobutadiene
Concen: 20.393 ng
RT: 8.334 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:225 Resp: 133474

Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.7	74.5
227	63.4	51.0	76.4

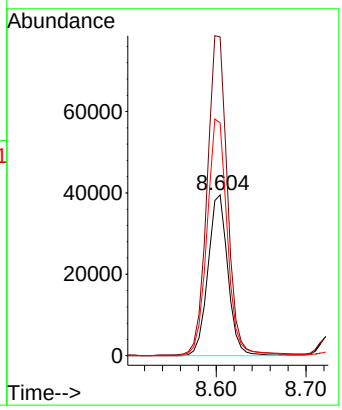




#35
Caprolactam
Concen: 20.118 ng
RT: 8.604 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:113 Resp: 6079

Ion	Ratio	Lower	Upper
113	100		
55	198.2	177.7	217.7
56	144.8	127.1	167.1



Instrument :
BNA_F
ClientSampleId :
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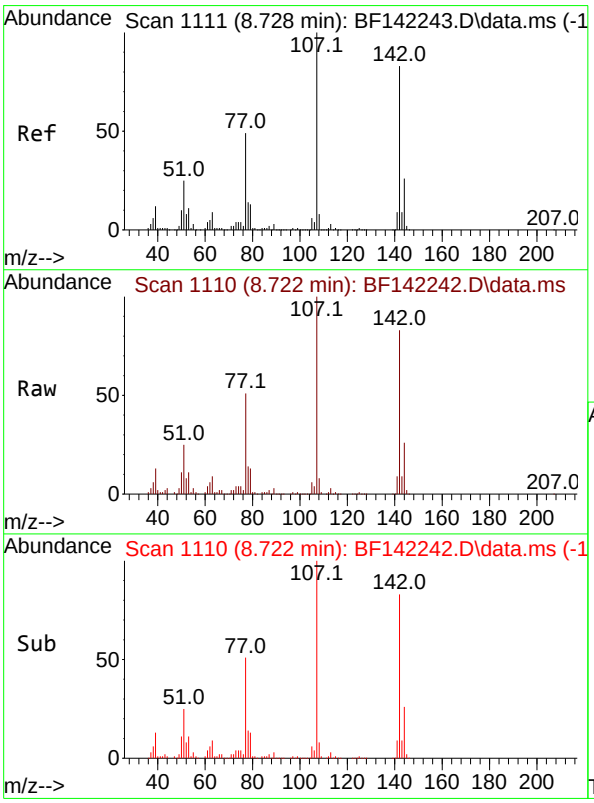
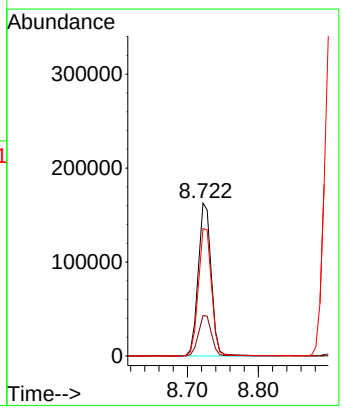
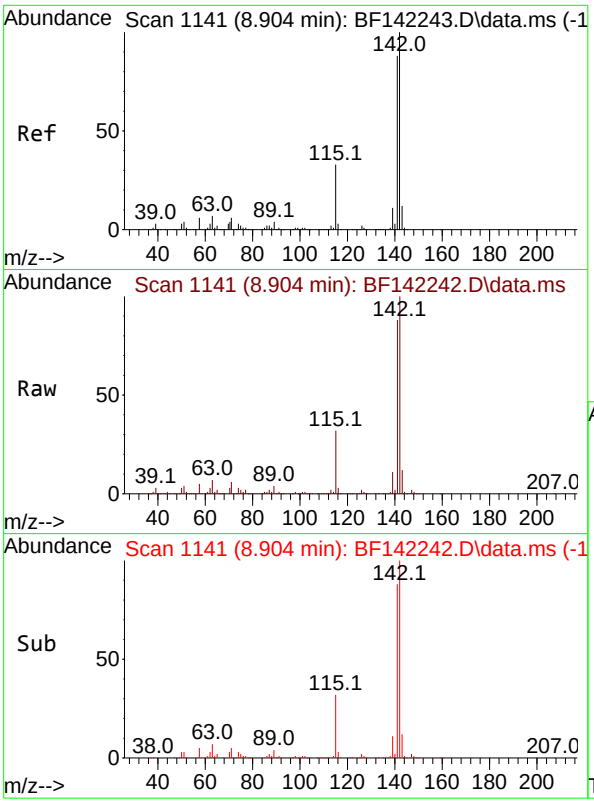


#36
4-Chloro-3-methylphenol
Concen: 20.190 ng
RT: 8.722 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:107 Resp: 208419

Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.0	31.4
142	83.4	66.1	99.1

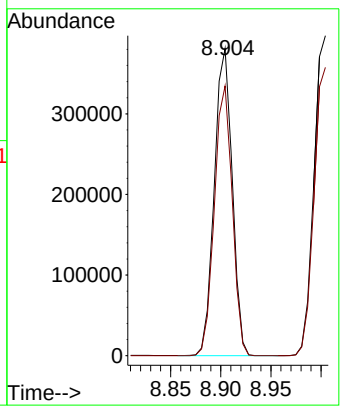




#37
2-Methylnaphthalene
Concen: 20.658 ng
RT: 8.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:142 Resp: 47289

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.5	105.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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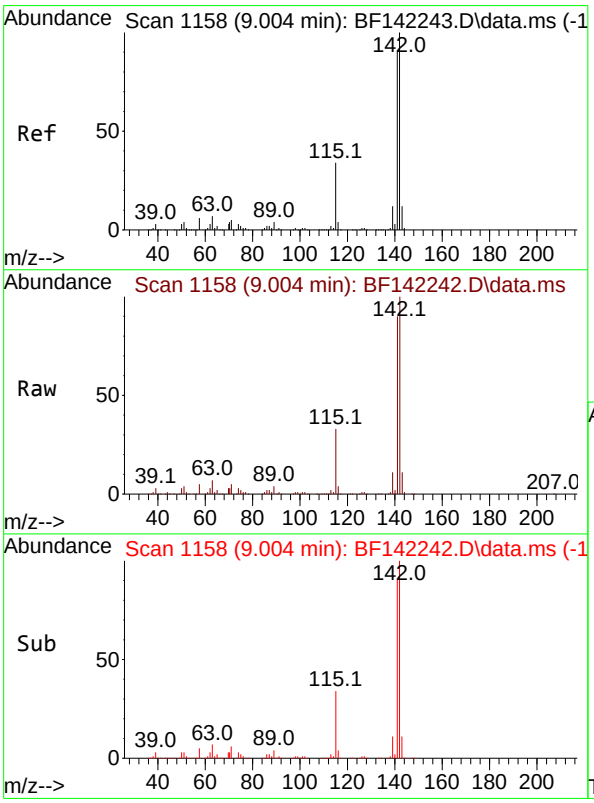
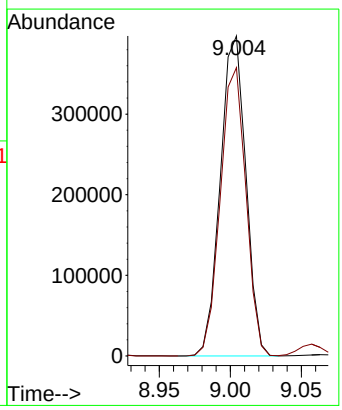
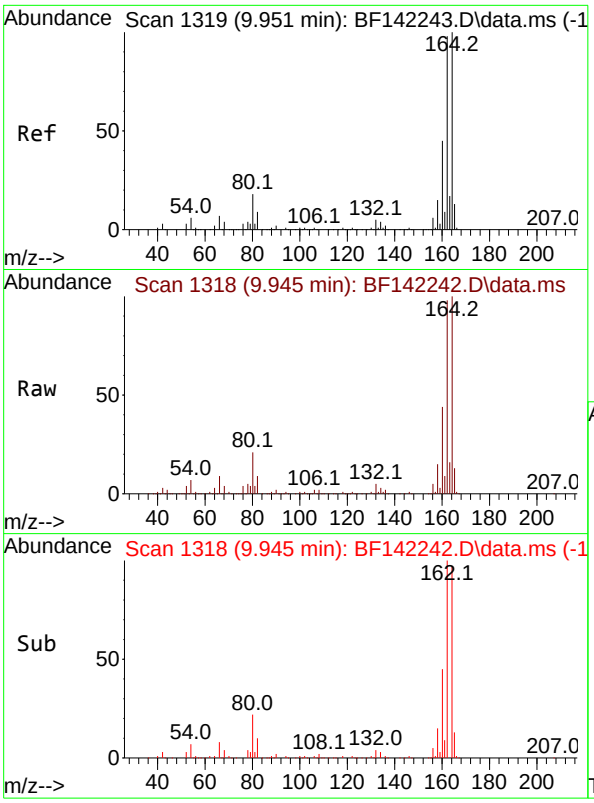


#38
1-Methylnaphthalene
Concen: 20.985 ng
RT: 9.004 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:142 Resp: 497635

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.8	109.2

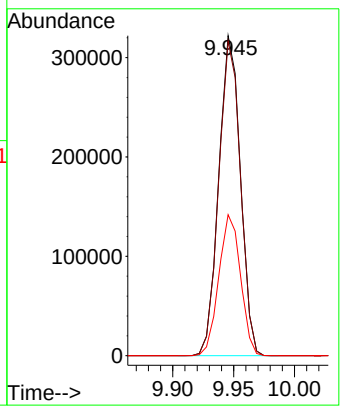




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:164 Resp: 39880

Ion	Ratio	Lower	Upper
164	100		
162	98.3	78.6	117.8
160	44.1	35.7	53.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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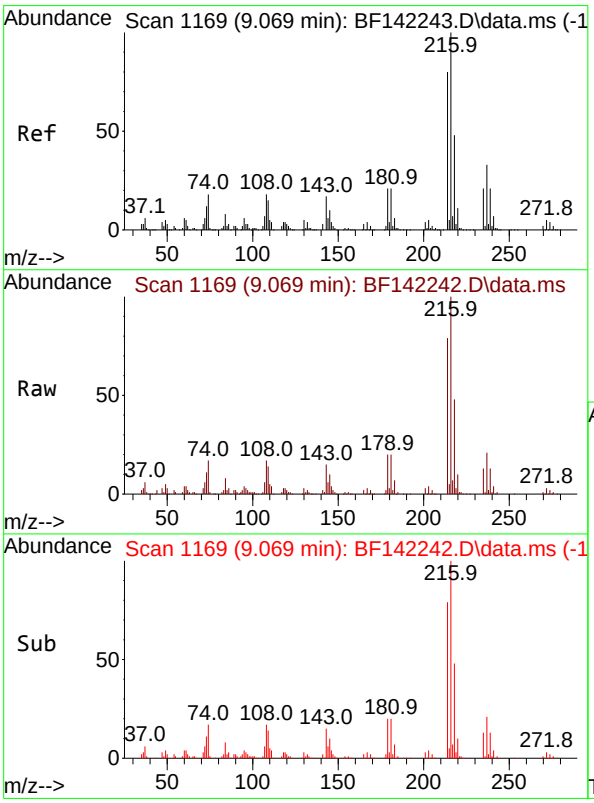
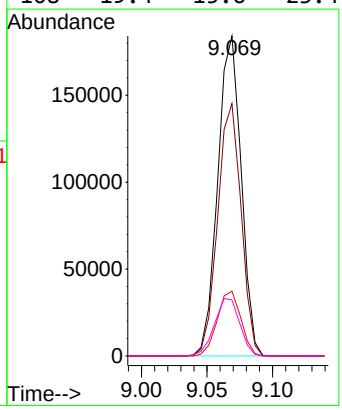
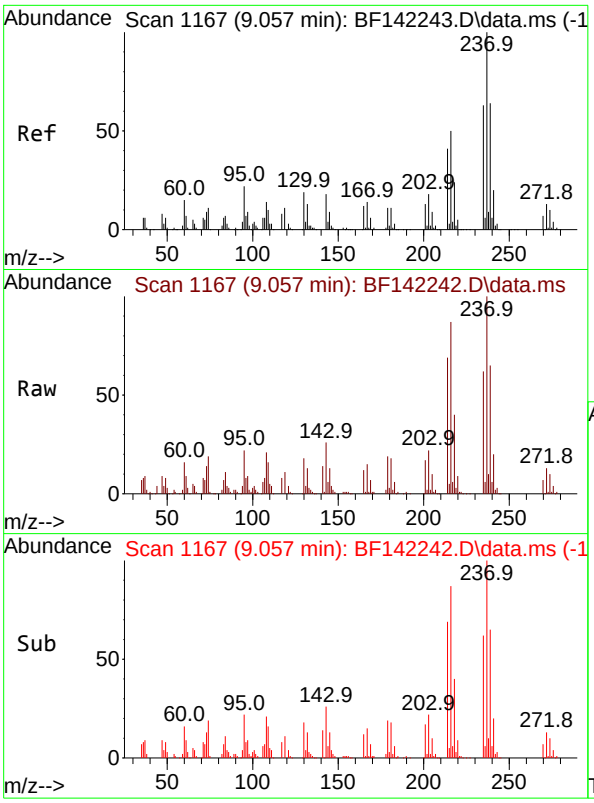


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.342 ng
RT: 9.069 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:216 Resp: 228311

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.6
179	20.5	16.7	25.1
108	19.4	15.6	23.4





#41
Hexachlorocyclopentadiene
Concen: 19.145 ng
RT: 9.057 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:237 Resp: 12195

Ion	Ratio	Lower	Upper
237	100		
235	62.4	43.5	83.5
272	12.8	0.0	32.9

Instrument :
BNA_F
ClientSampleId :
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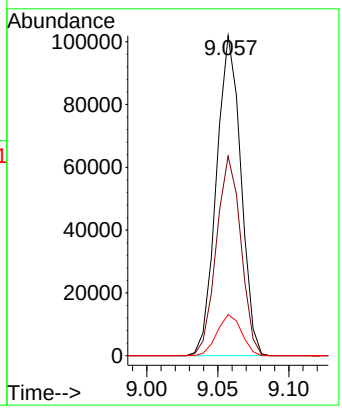
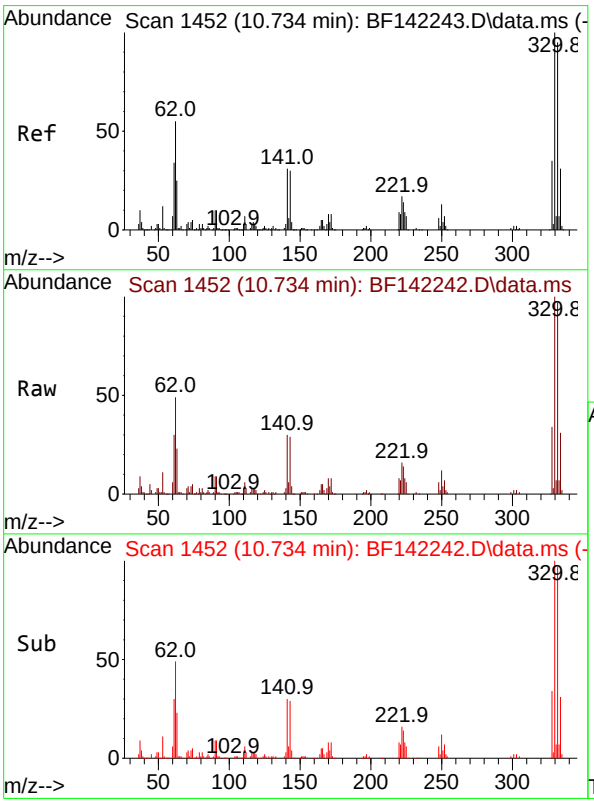
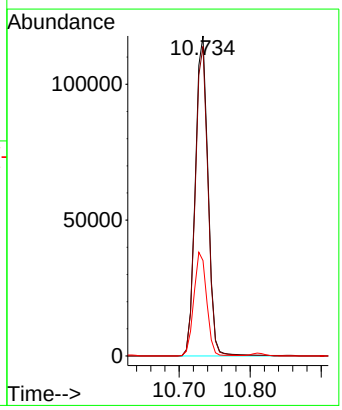


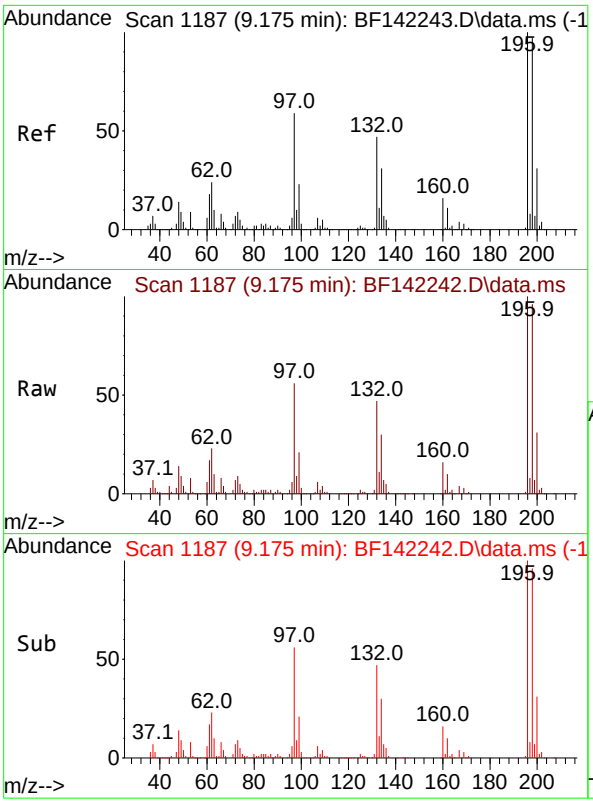


#42
2,4,6-Tribromophenol
Concen: 40.372 ng
RT: 10.734 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:330 Resp: 146779

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.5	114.7
141	32.8	24.3	36.5

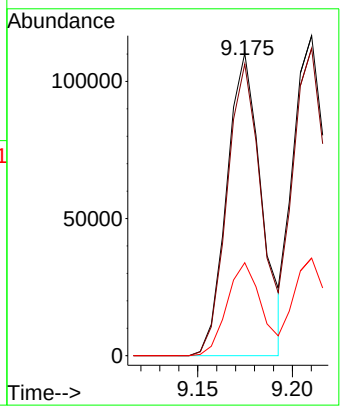




#43
2,4,6-Trichlorophenol
Concen: 20.246 ng
RT: 9.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:196 Resp: 14080

Ion	Ratio	Lower	Upper
196	100		
198	96.4	77.4	116.2
200	30.7	24.6	37.0



Instrument :
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ClientSampleId :
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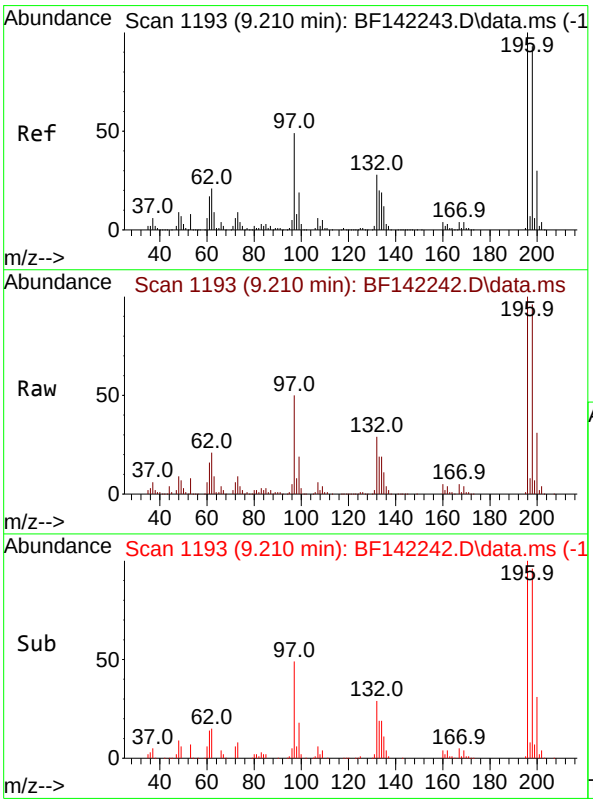
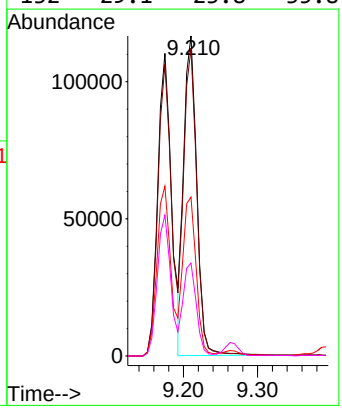
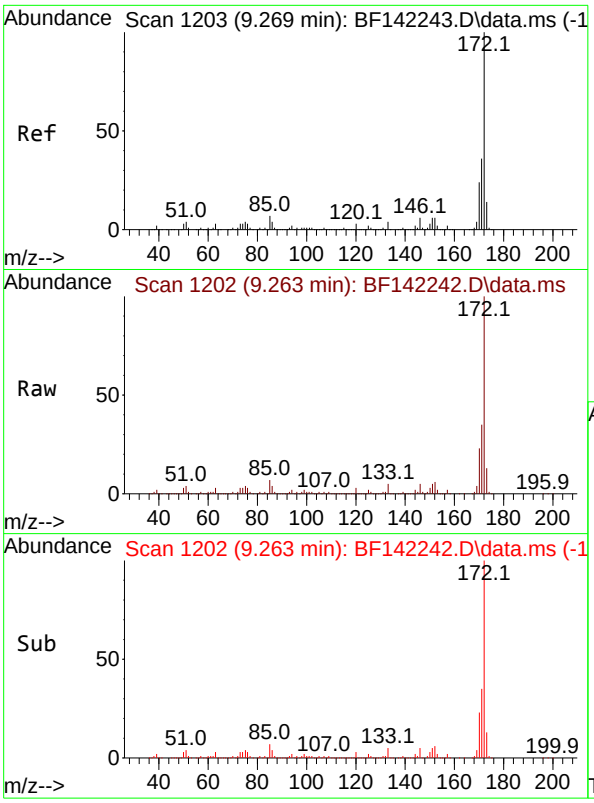


#44
2,4,5-Trichlorophenol
Concen: 19.756 ng
RT: 9.210 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:196 Resp: 144462

Ion	Ratio	Lower	Upper
196	100		
198	96.1	75.2	112.8
97	49.7	39.8	59.8
132	29.1	23.8	35.8

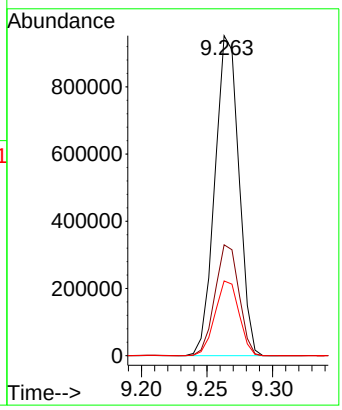




#45
2-Fluorobiphenyl
Concen: 42.876 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:172 Resp: 121274

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.0	43.4
170	23.3	19.4	29.0



Instrument :
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ClientSampleId :
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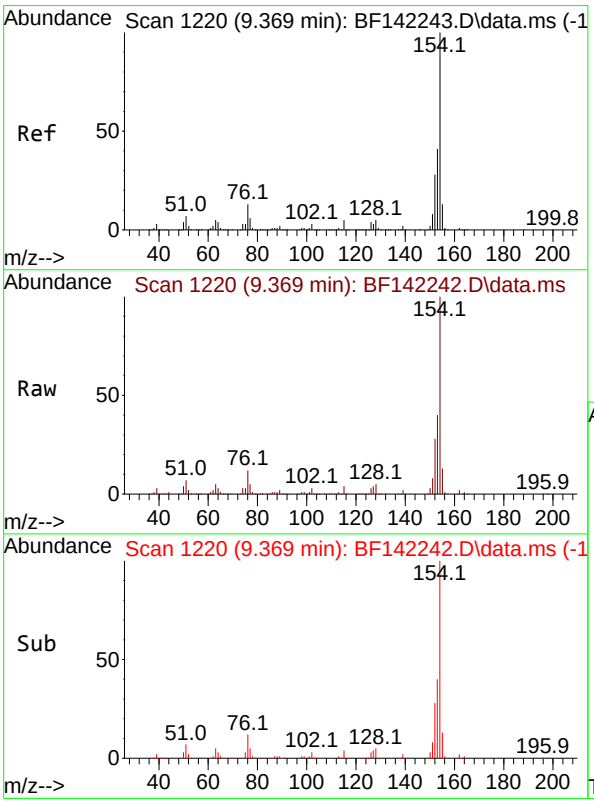
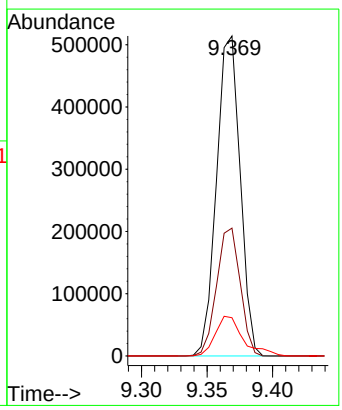
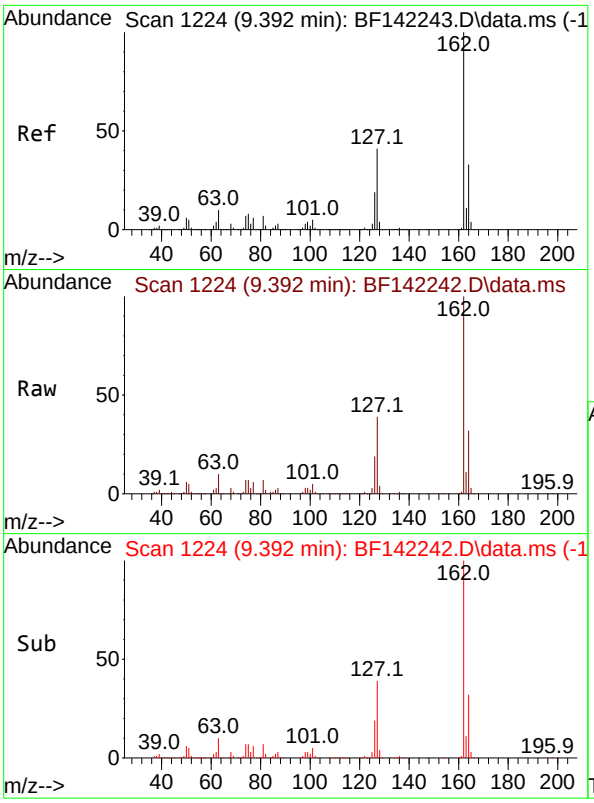


#46
1,1'-Biphenyl
Concen: 20.740 ng
RT: 9.369 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:154 Resp: 643017

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.5	60.5
76	12.0	0.0	32.8

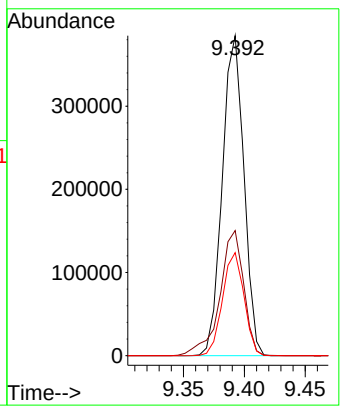




#47
2-Chloronaphthalene
Concen: 20.588 ng
RT: 9.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:162 Resp: 474899

Ion	Ratio	Lower	Upper
162	100		
127	39.1	32.6	49.0
164	32.2	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
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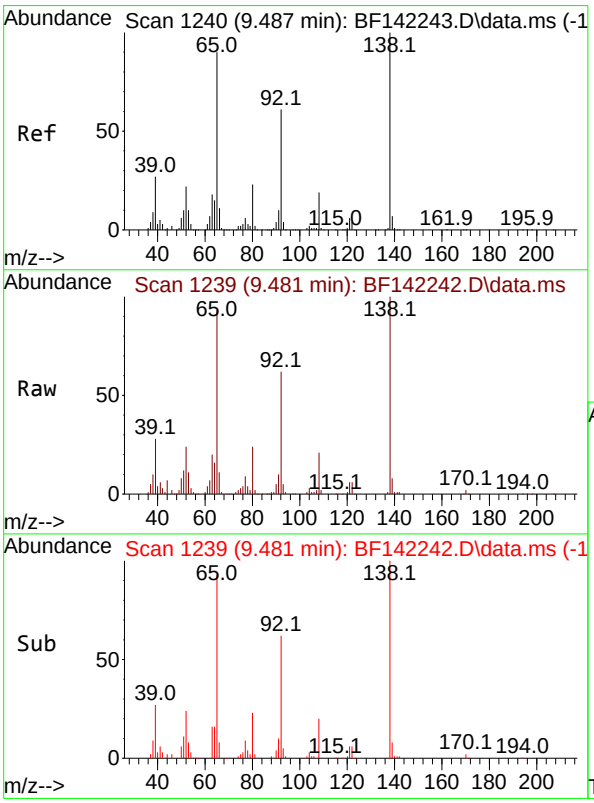
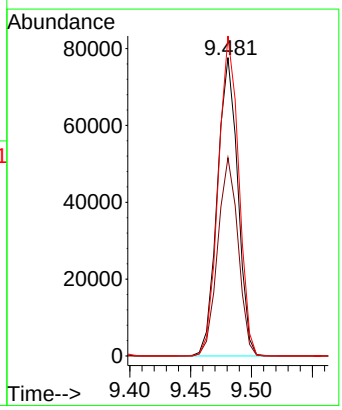
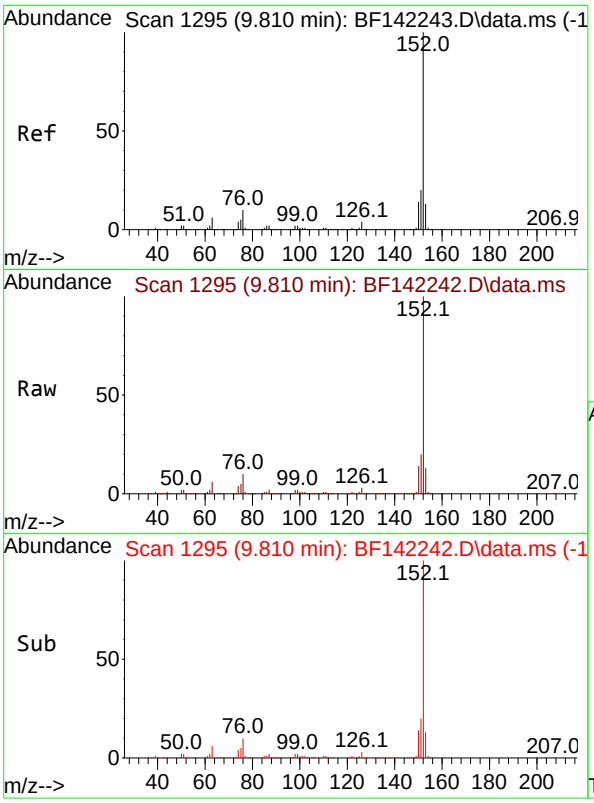


#48
2-Nitroaniline
Concen: 18.213 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion: 65 Resp: 90798

Ion	Ratio	Lower	Upper
65	100		
92	66.4	54.3	81.5
138	107.2	88.6	133.0

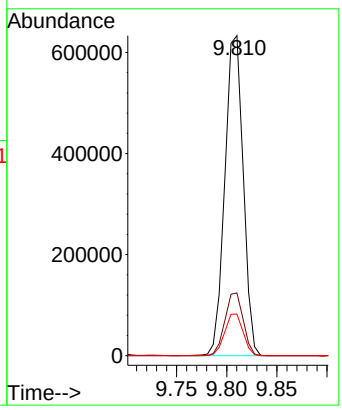




#49
Acenaphthylene
Concen: 20.749 ng
RT: 9.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:152 Resp: 80765

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.2
153	13.0	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
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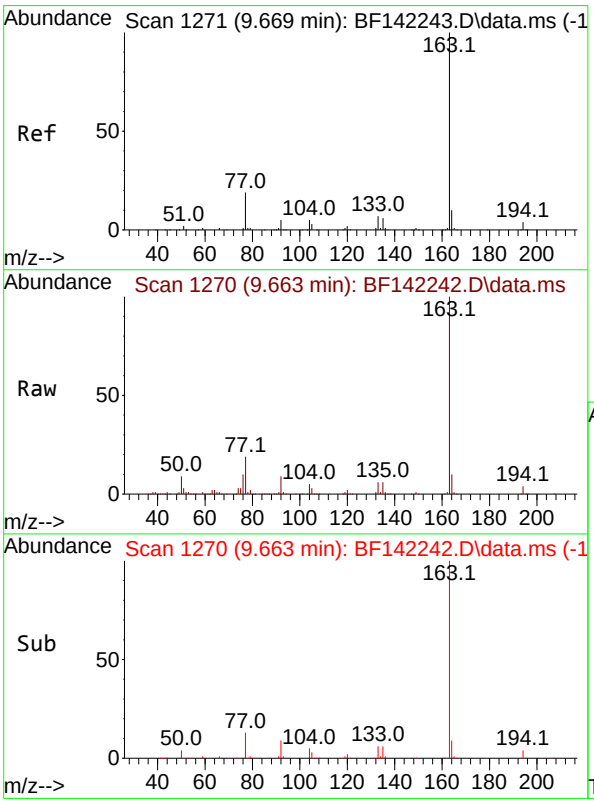
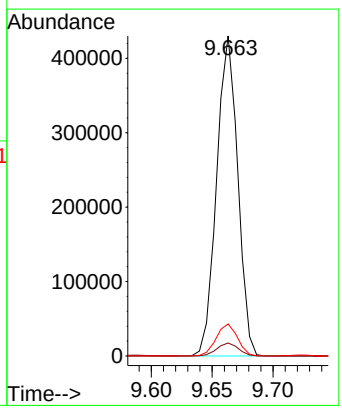
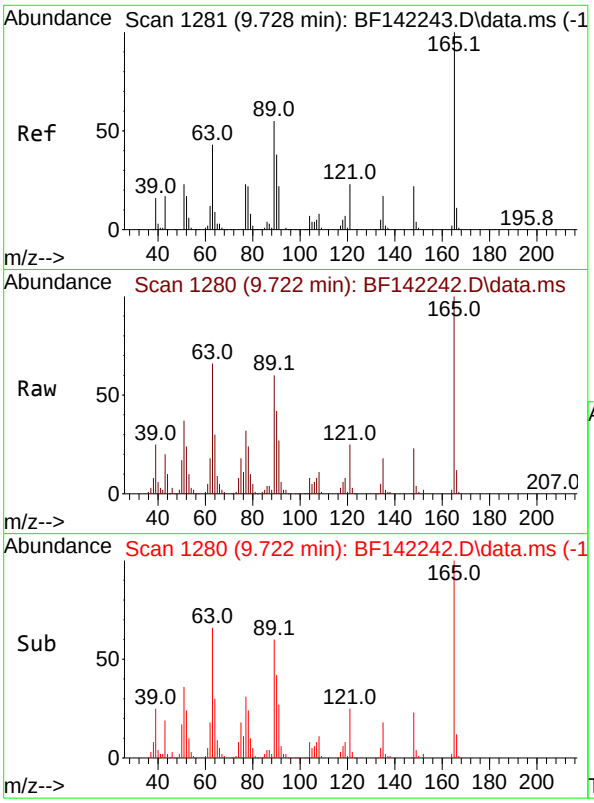


#50
Dimethylphthalate
Concen: 20.334 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:163 Resp: 518802

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.0	8.2	12.2

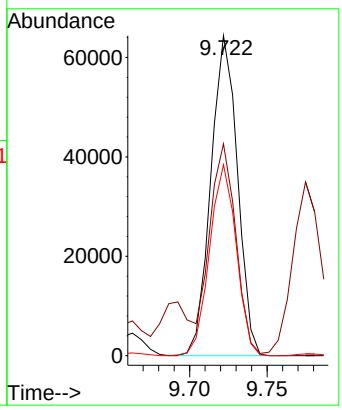




#51
2,6-Dinitrotoluene
Concen: 18.432 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:165 Resp: 7695

Ion	Ratio	Lower	Upper
165	100		
63	66.2	48.5	72.7
89	59.6	43.9	65.9



Instrument :
BNA_F
ClientSampleId :
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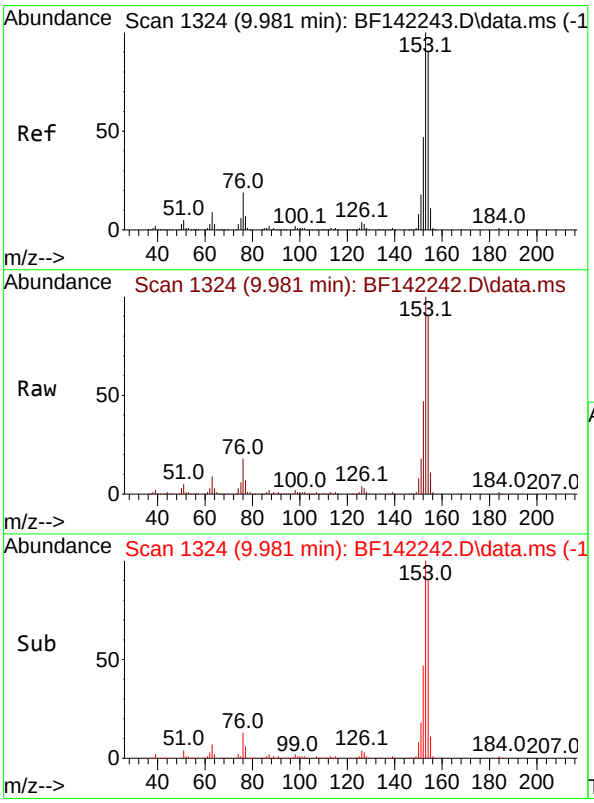
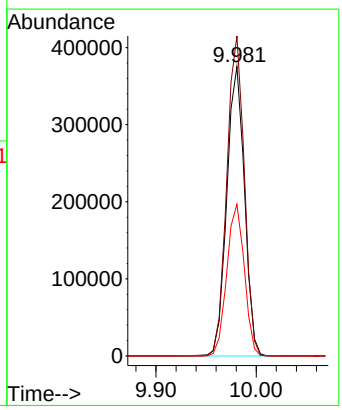
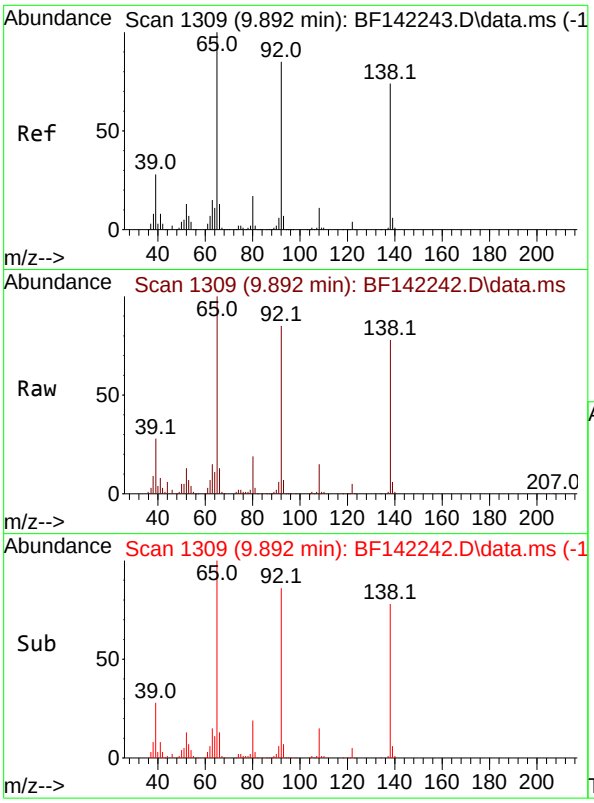


#52
Acenaphthene
Concen: 20.281 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:154 Resp: 460927

Ion	Ratio	Lower	Upper
154	100		
153	110.6	88.6	133.0
152	52.4	42.1	63.1





#53
3-Nitroaniline
Concen: 18.959 ng
RT: 9.892 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:138 Resp: 10056

Ion	Ratio	Lower	Upper
138	100		
108	19.4	11.7	17.5#
92	110.1	91.2	136.8

Instrument :
BNA_F
ClientSampleId :
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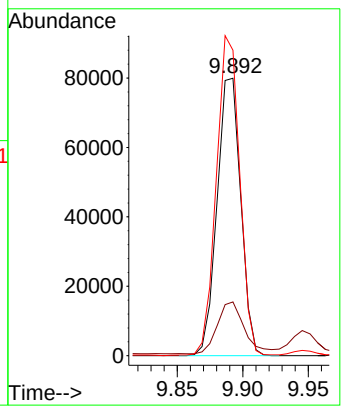
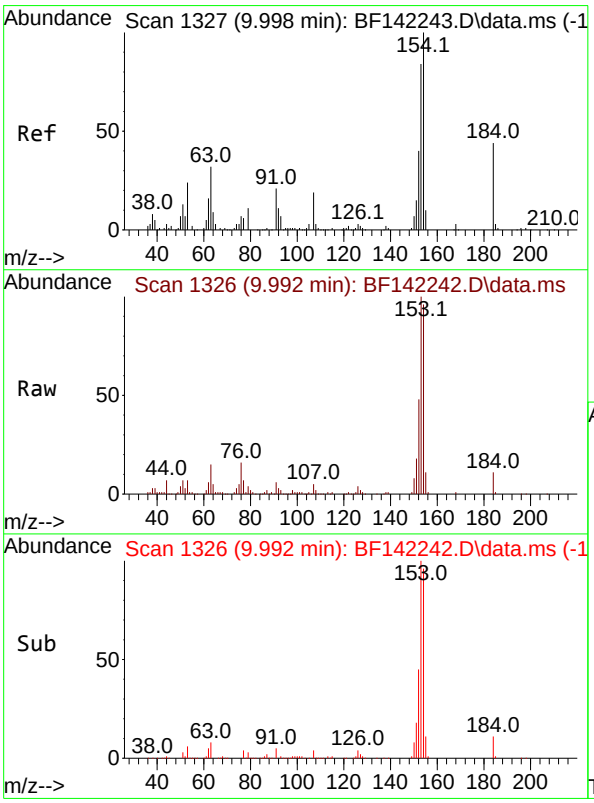
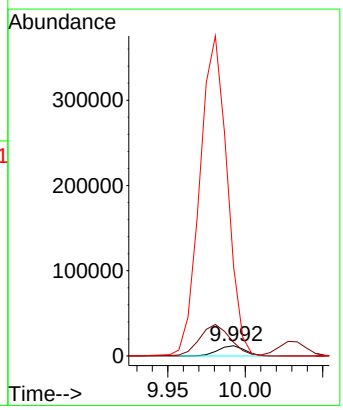


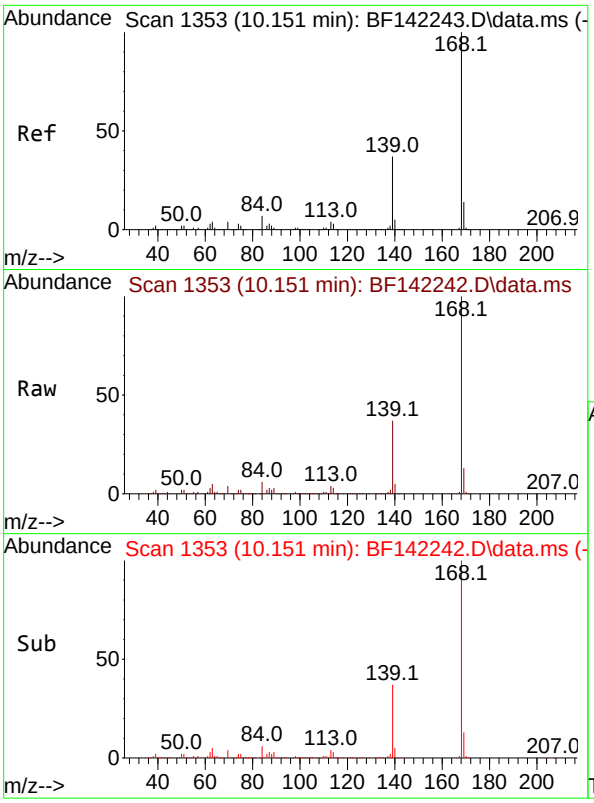


#54
2,4-Dinitrophenol
Concen: 18.804 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:184 Resp: 14553

Ion	Ratio	Lower	Upper
184	100		
63	131.7	69.2	103.8#
154	869.6	271.4	407.2#

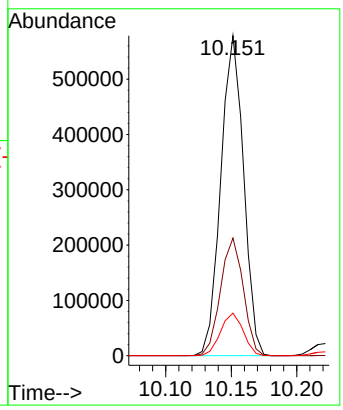




#55
Dibenzofuran
Concen: 20.493 ng
RT: 10.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:168 Resp: 69815

Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.4	44.0
169	13.3	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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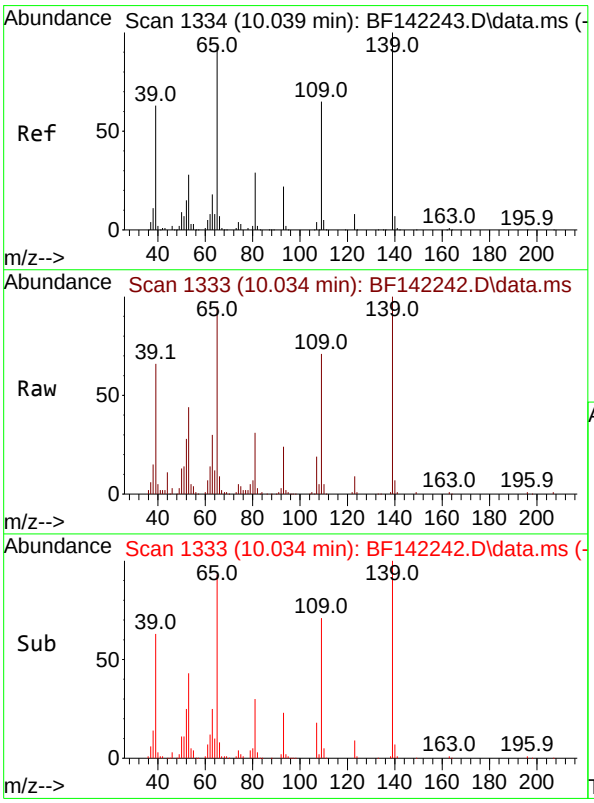
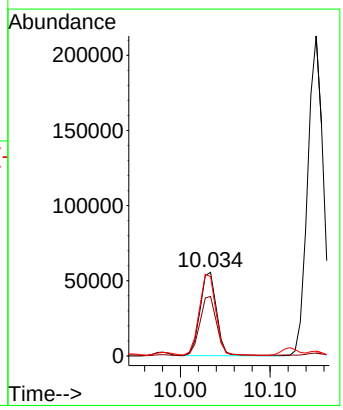
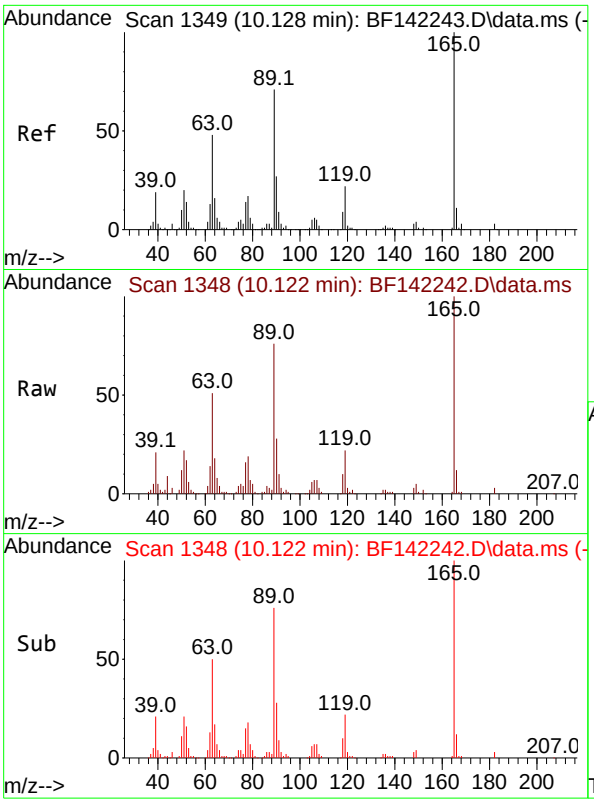


#56
4-Nitrophenol
Concen: 17.561 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.005 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:139 Resp: 70423

Ion	Ratio	Lower	Upper
139	100		
109	71.2	44.9	84.9
65	94.8	74.7	114.7

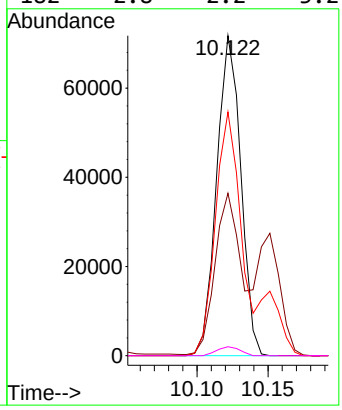




#57
2,4-Dinitrotoluene
Concen: 17.844 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:165 Resp: 8481

Ion	Ratio	Lower	Upper
165	100		
63	50.7	38.8	58.2
89	76.2	57.1	85.7
182	2.8	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
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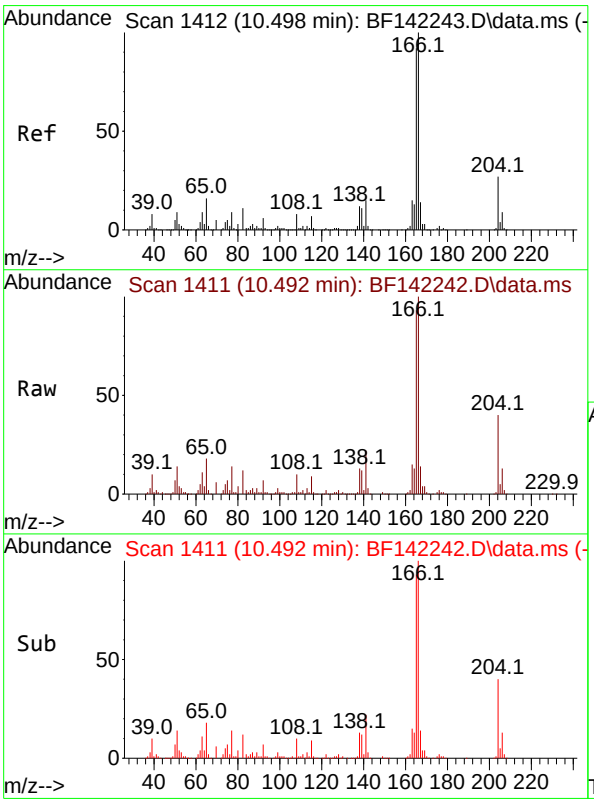
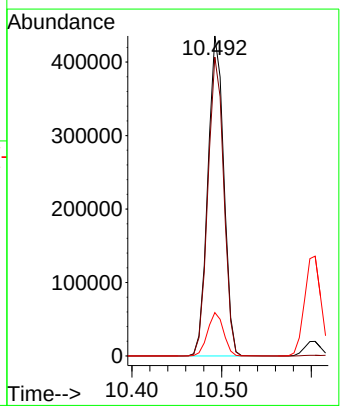
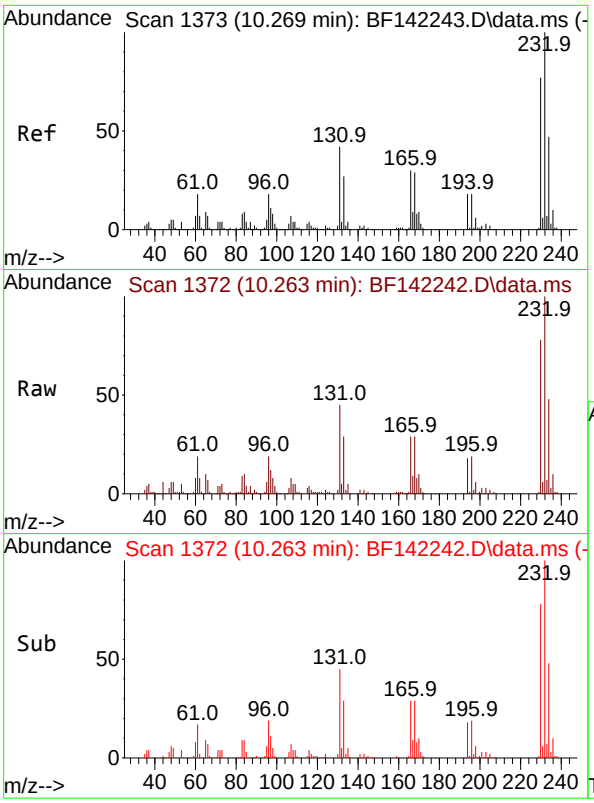


#58
Fluorene
Concen: 20.793 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:166 Resp: 538647

Ion	Ratio	Lower	Upper
166	100		
165	93.4	73.9	110.9
167	13.6	10.8	16.2

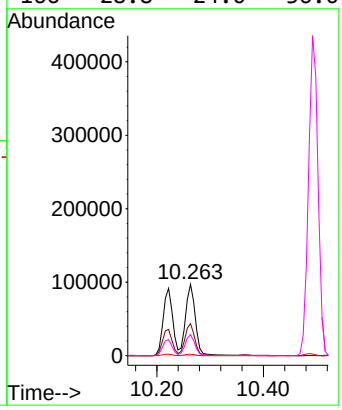




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.530 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:232 Resp: 12435

Ion	Ratio	Lower	Upper
232	100		
131	45.0	35.9	53.9
130	2.1	1.8	2.6
166	28.8	24.0	36.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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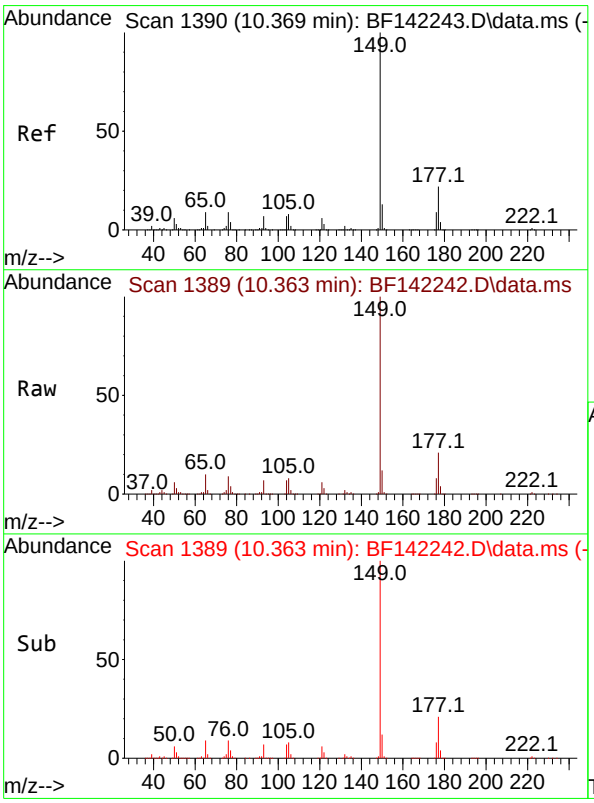
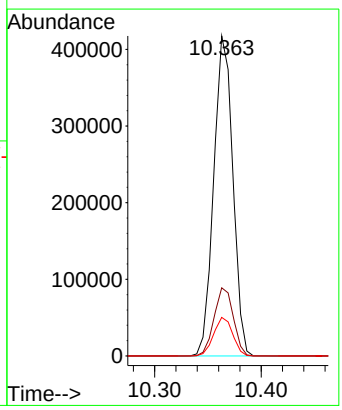
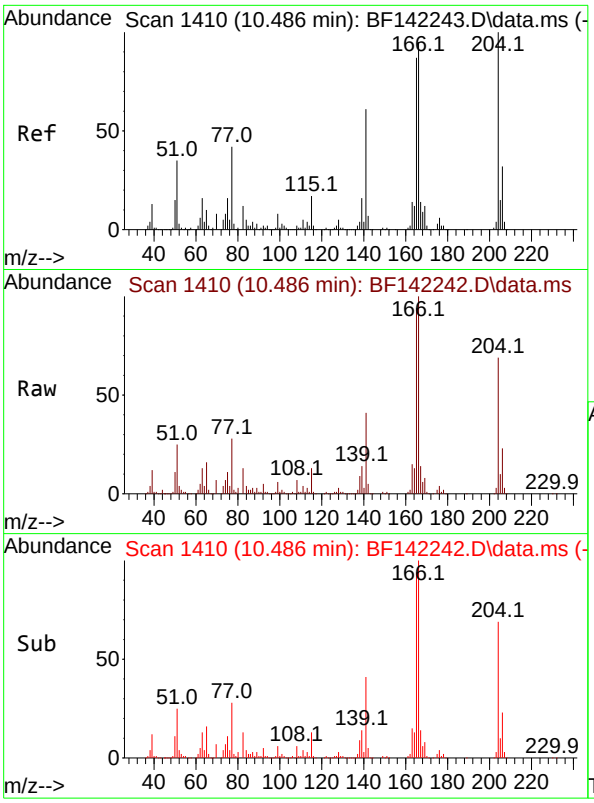


#60
Diethylphthalate
Concen: 20.611 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:149 Resp: 519294

Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.6	26.4
150	12.0	10.2	15.2

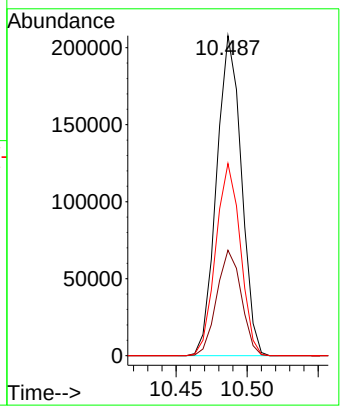




#61
4-Chlorophenyl-phenylether
Concen: 20.502 ng
RT: 10.486 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:204 Resp: 25221

Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.6	38.4
141	60.1	48.9	73.3



Instrument :
BNA_F
ClientSampleId :
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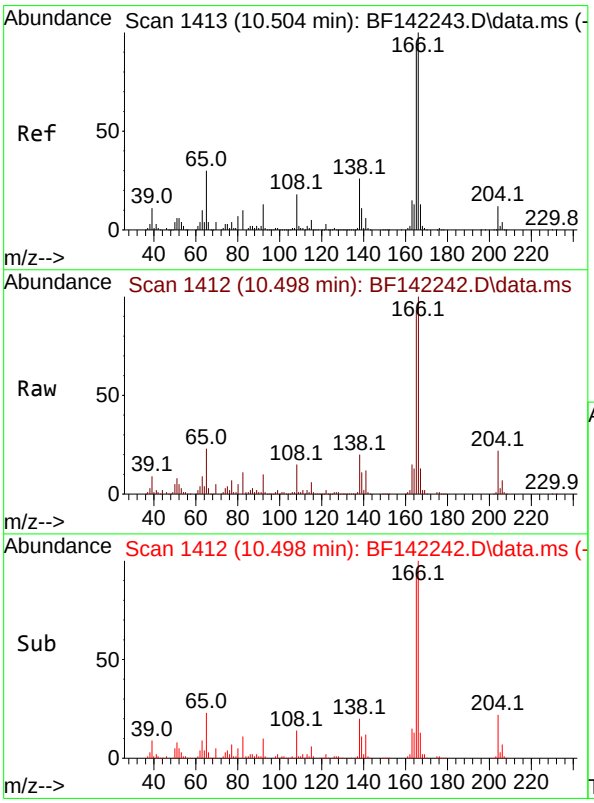
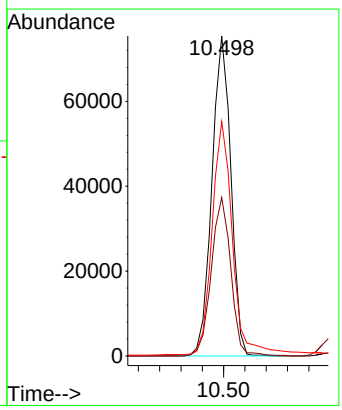
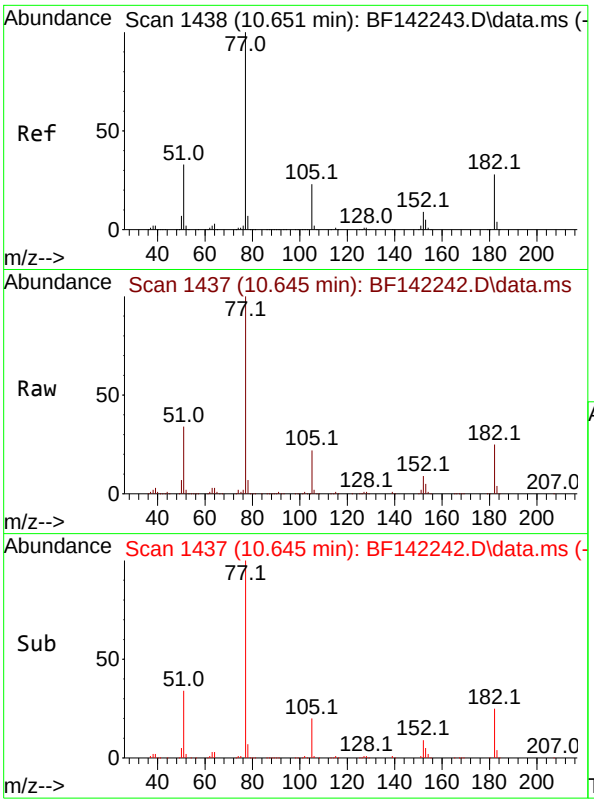


#62
4-Nitroaniline
Concen: 18.933 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:138 Resp: 92884

Ion	Ratio	Lower	Upper
138	100		
92	49.5	29.2	69.2
108	73.2	49.1	89.1

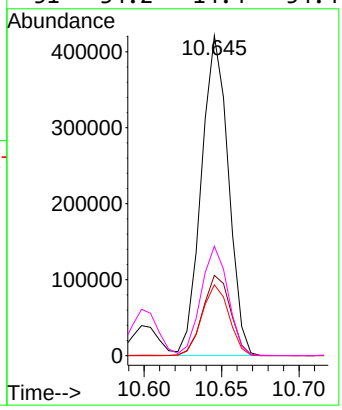




#63
Azobenzene
Concen: 20.438 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion: 77 Resp: 50848

Ion	Ratio	Lower	Upper
77	100		
182	25.1	7.3	47.3
105	22.2	2.5	42.5
51	34.2	14.4	54.4



Instrument :
BNA_F
ClientSampleId :
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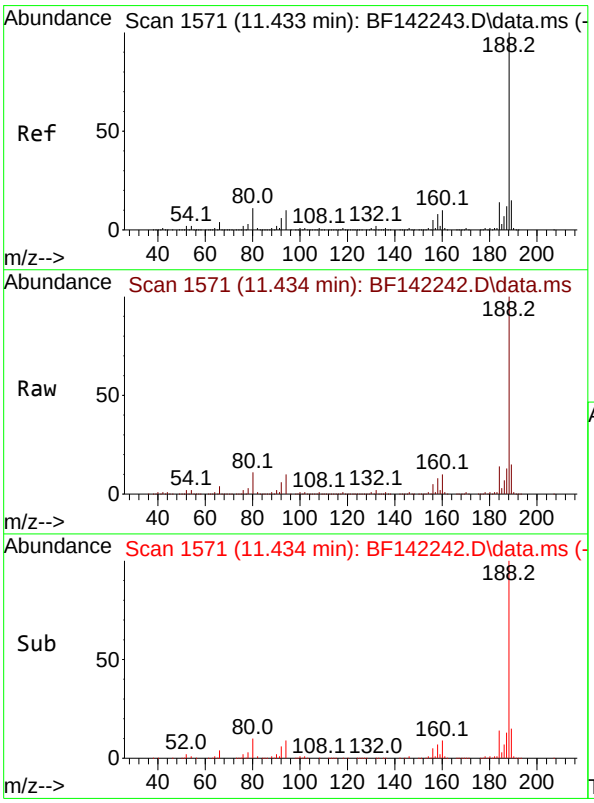
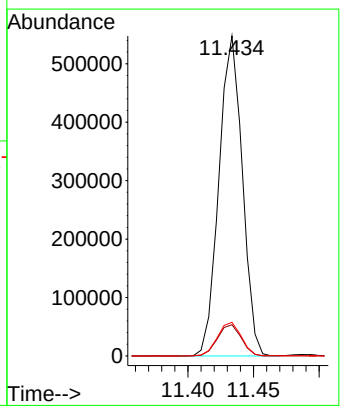
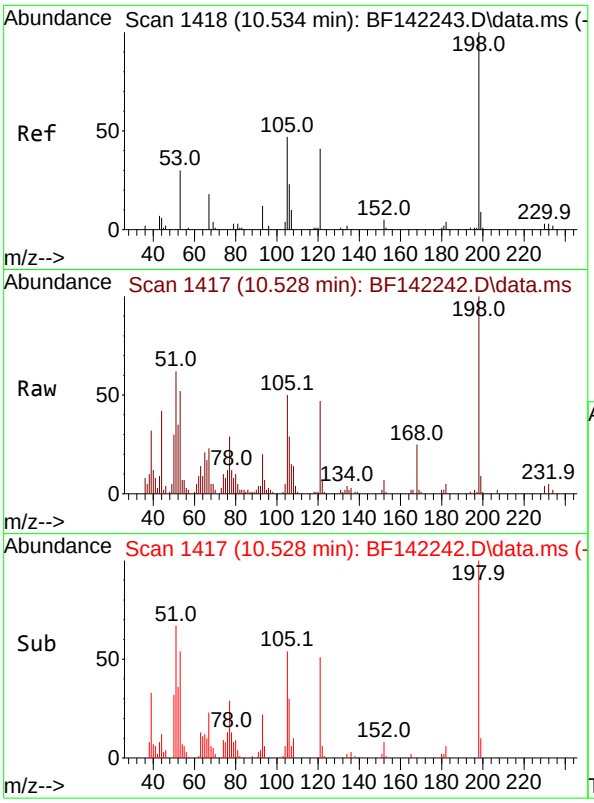


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.434 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:188 Resp: 679379

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.2	12.2
80	10.5	8.6	12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 18.756 ng
RT: 10.528 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:198 Resp: 2340

Ion	Ratio	Lower	Upper
198	100		
51	62.5	40.6	80.6
105	50.4	29.2	69.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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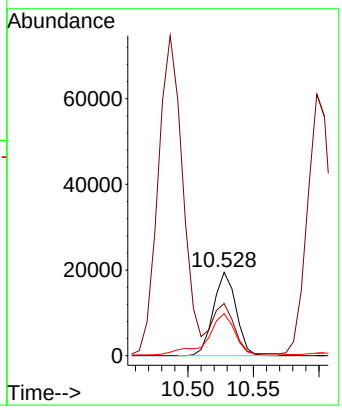
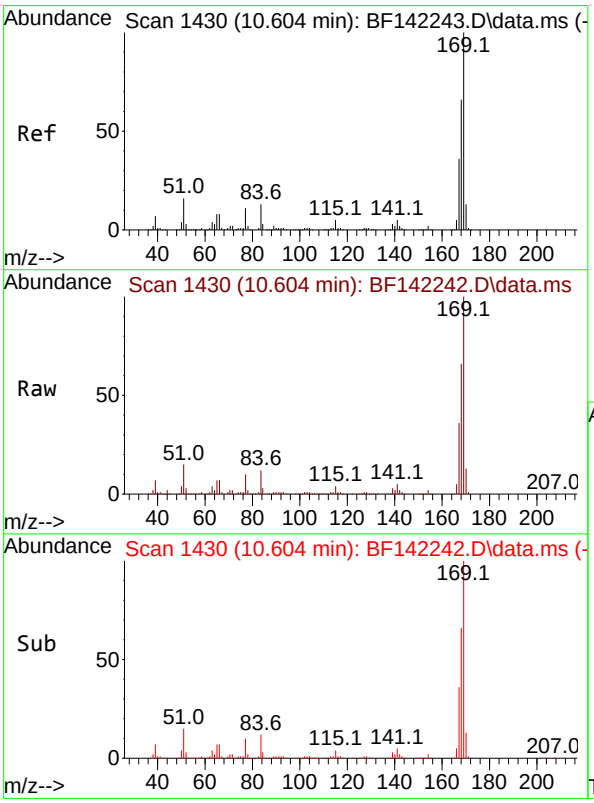
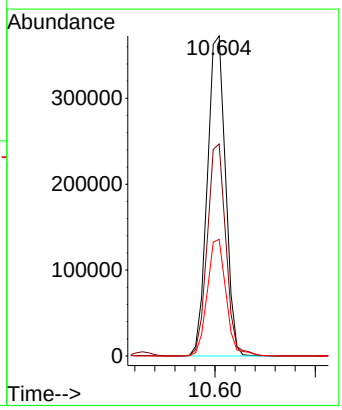


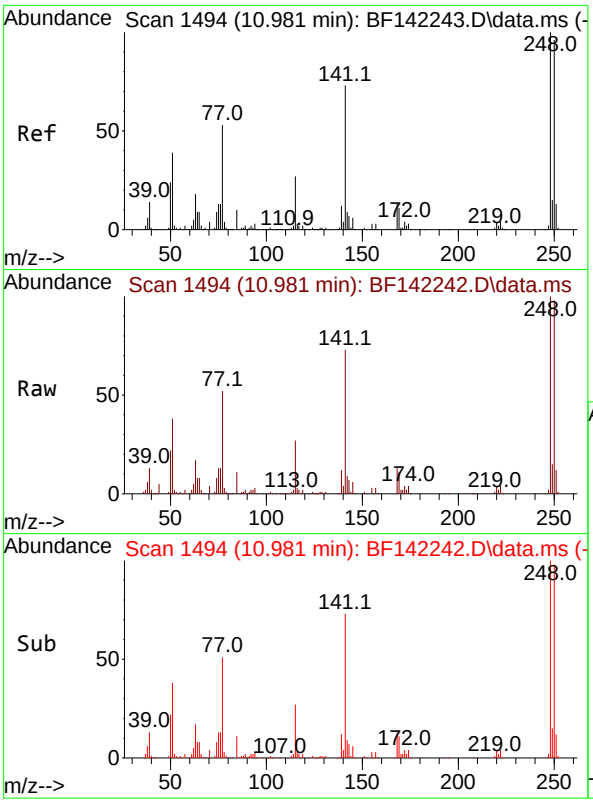


#66
n-Nitrosodiphenylamine
Concen: 20.280 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:169 Resp: 470767

Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.0	79.6
167	36.4	28.8	43.2





#67
4-Bromophenyl-phenylether
Concen: 20.053 ng
RT: 10.981 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 15172

Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.2	115.8
141	72.5	58.4	87.6

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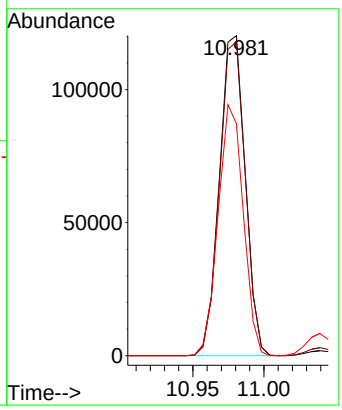
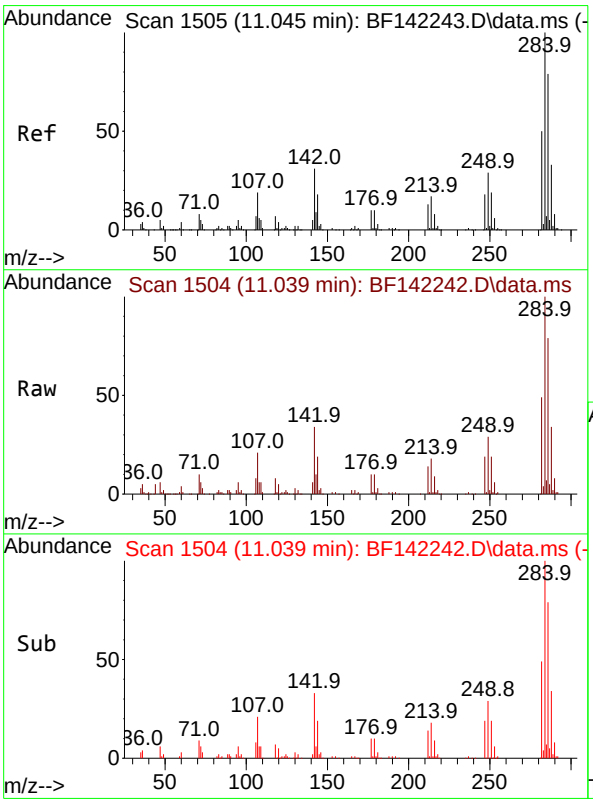
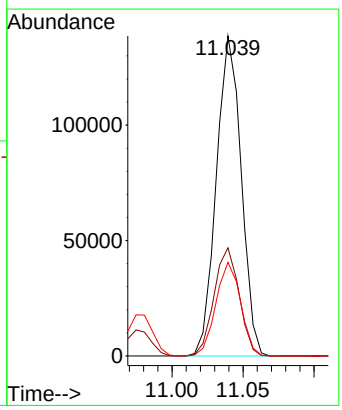


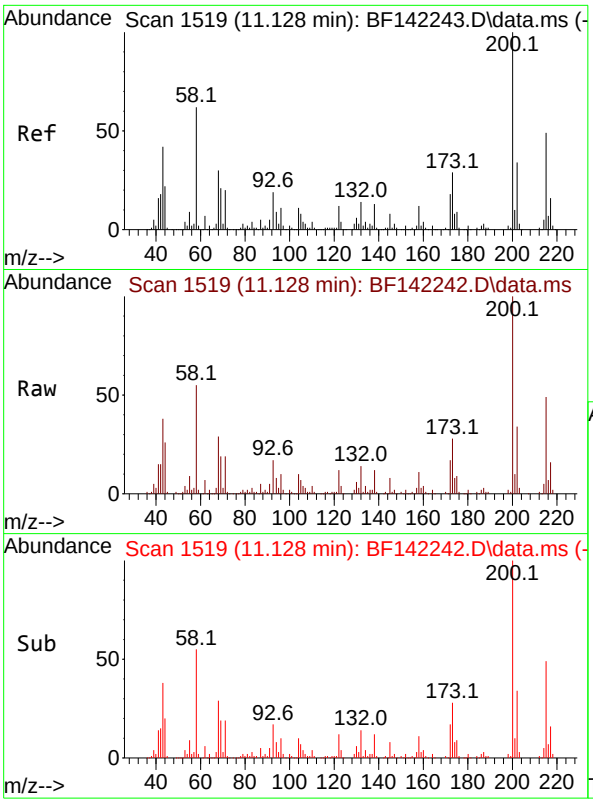


#68
Hexachlorobenzene
Concen: 19.916 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:284 Resp: 168767

Ion	Ratio	Lower	Upper
284	100		
142	33.8	24.6	37.0
249	29.3	23.2	34.8

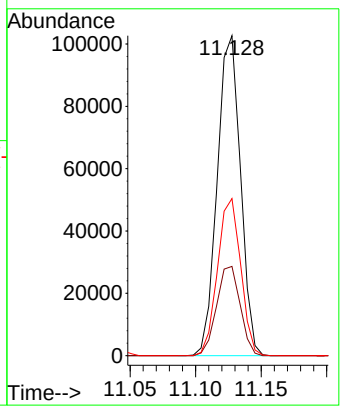




#69
Atrazine
Concen: 20.665 ng
RT: 11.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:200 Resp: 12644

Ion	Ratio	Lower	Upper
200	100		
173	27.9	8.6	48.6
215	49.1	28.5	68.5



Instrument :
BNA_F
ClientSampleId :
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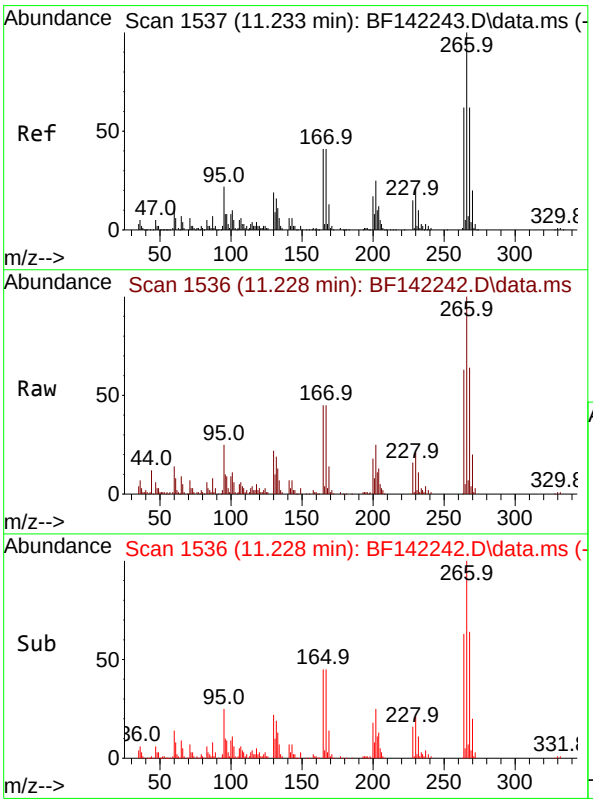
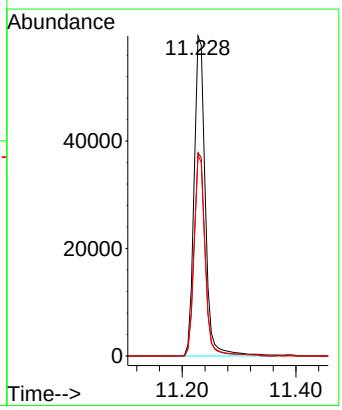
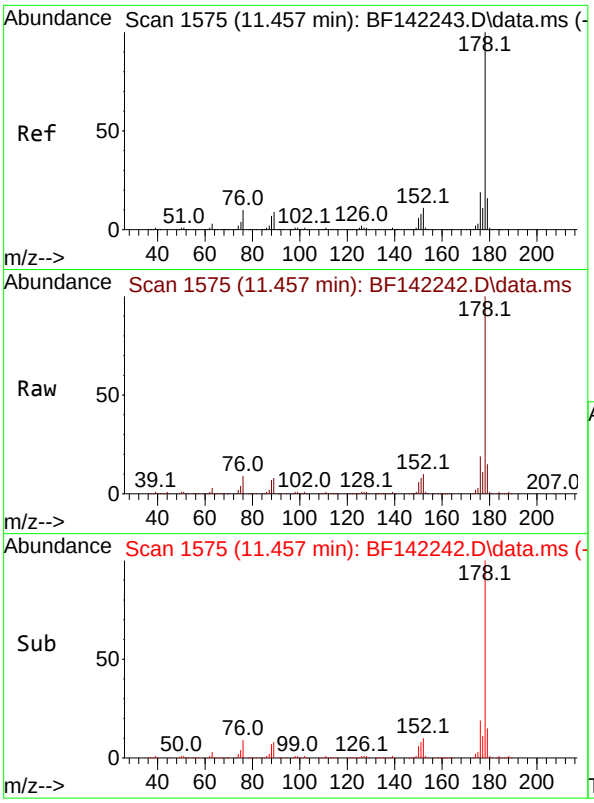


#70
Pentachlorophenol
Concen: 18.301 ng
RT: 11.228 min Scan# 1536
Delta R.T. -0.005 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:266 Resp: 81929

Ion	Ratio	Lower	Upper
266	100		
268	63.6	50.0	75.0
264	62.8	49.3	73.9

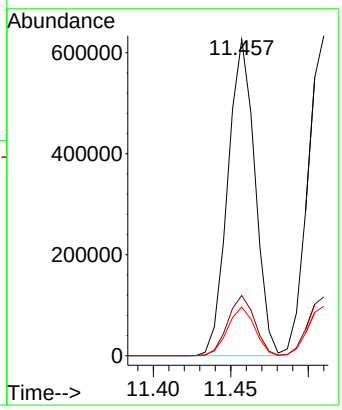




#71
Phenanthrene
Concen: 20.723 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:178 Resp: 76047

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.3	12.6	19.0



Instrument :
BNA_F
ClientSampleId :
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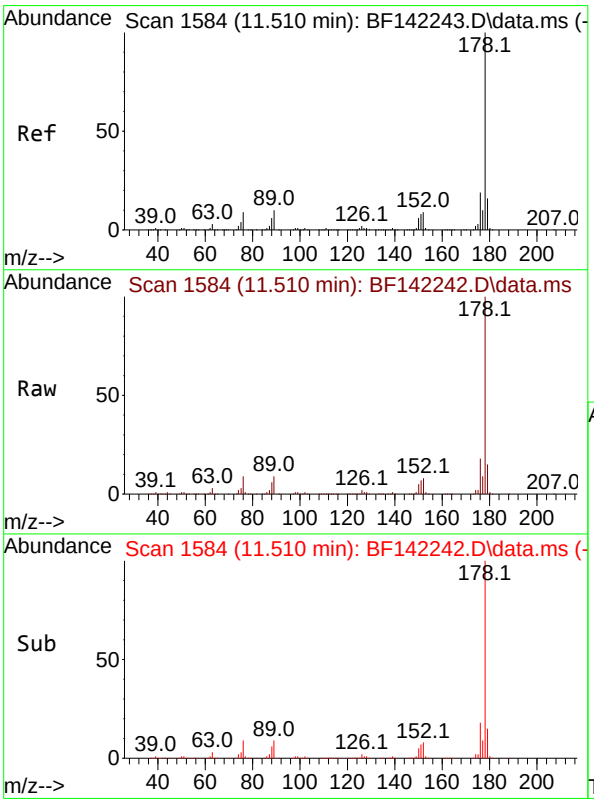
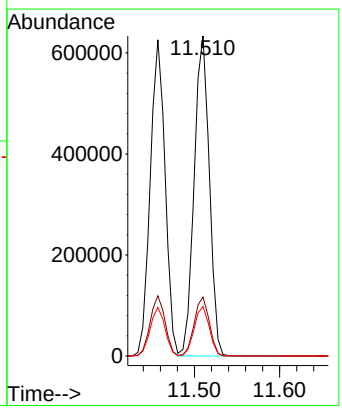
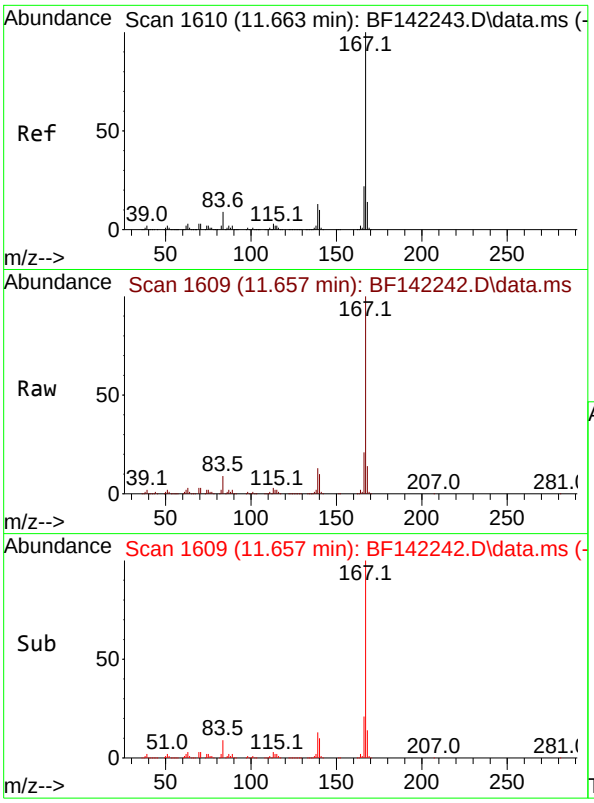


#72
Anthracene
Concen: 20.848 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:178 Resp: 782215

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.3	22.9
179	15.5	12.7	19.1

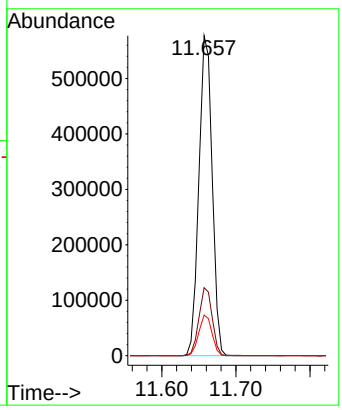




#73
Carbazole
Concen: 21.059 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:167 Resp: 72077

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.3	25.9
139	12.7	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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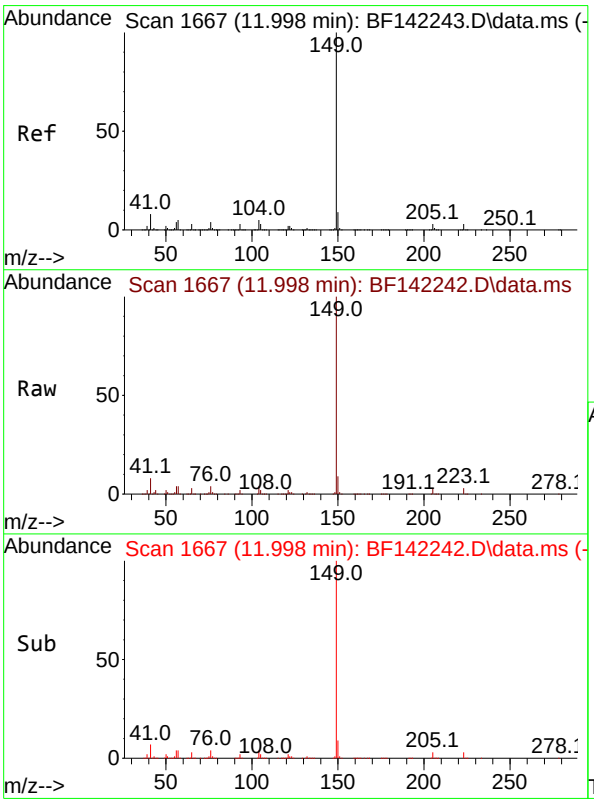
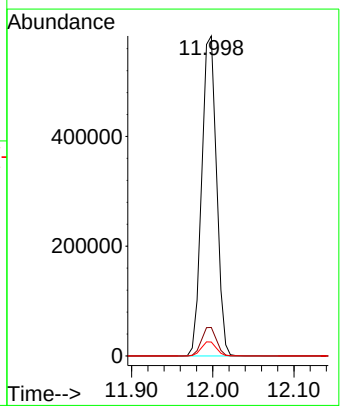
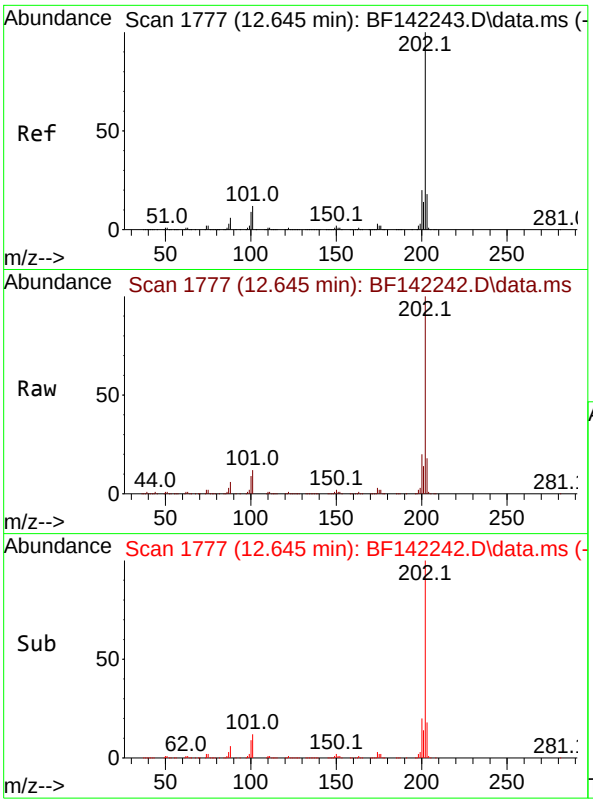


#74
Di-n-butylphthalate
Concen: 21.469 ng
RT: 11.998 min Scan# 1667
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:149 Resp: 739011

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	4.3	3.6	5.4

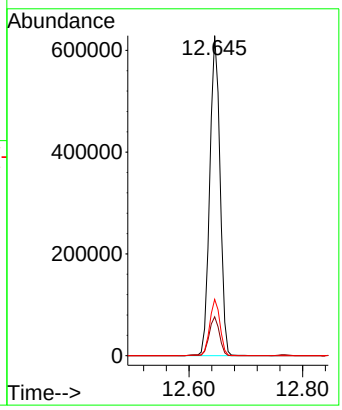




#75
Fluoranthene
Concen: 21.636 ng
RT: 12.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:202 Resp: 78488

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.4
203	17.6	0.0	37.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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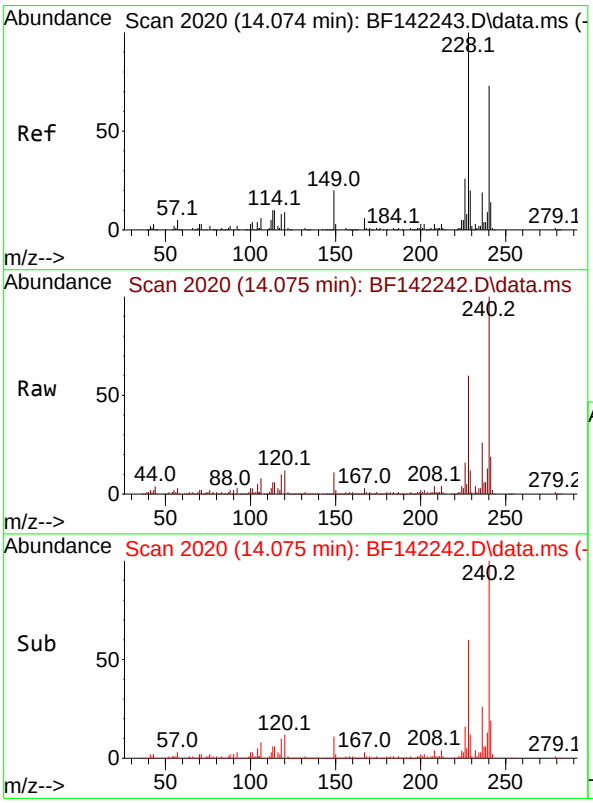
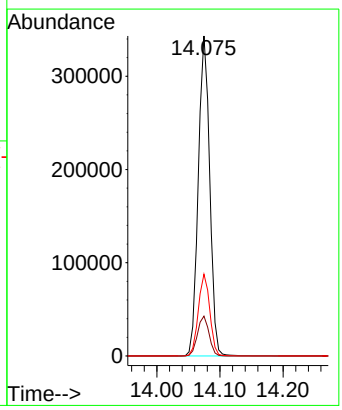
Supervised By :Jagrut Upadhyay 05/01/2025

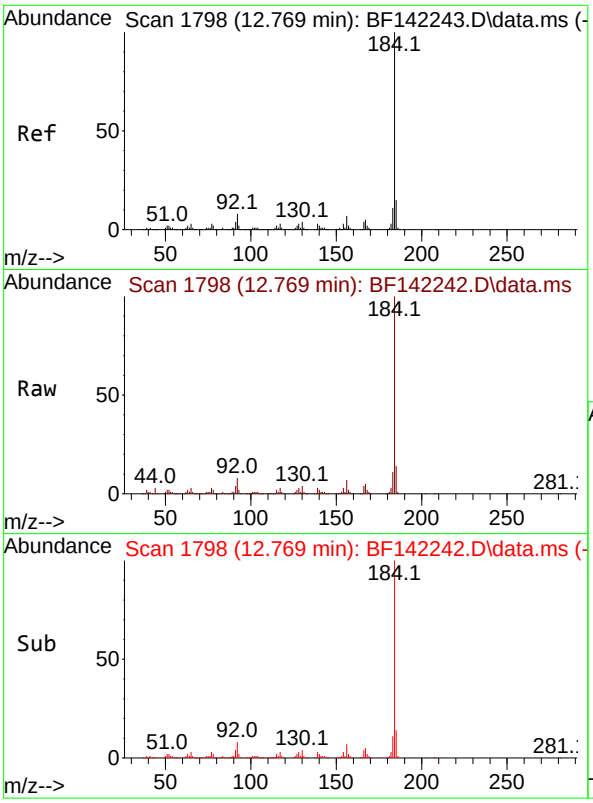


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.075 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:240 Resp: 430351

Ion	Ratio	Lower	Upper
240	100		
120	12.4	10.1	15.1
236	25.6	20.5	30.7

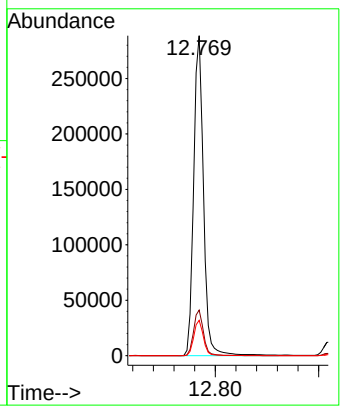




#77
Benzidine
Concen: 20.837 ng
RT: 12.769 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:184 Resp: 38103

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.8	17.6
183	11.1	8.9	13.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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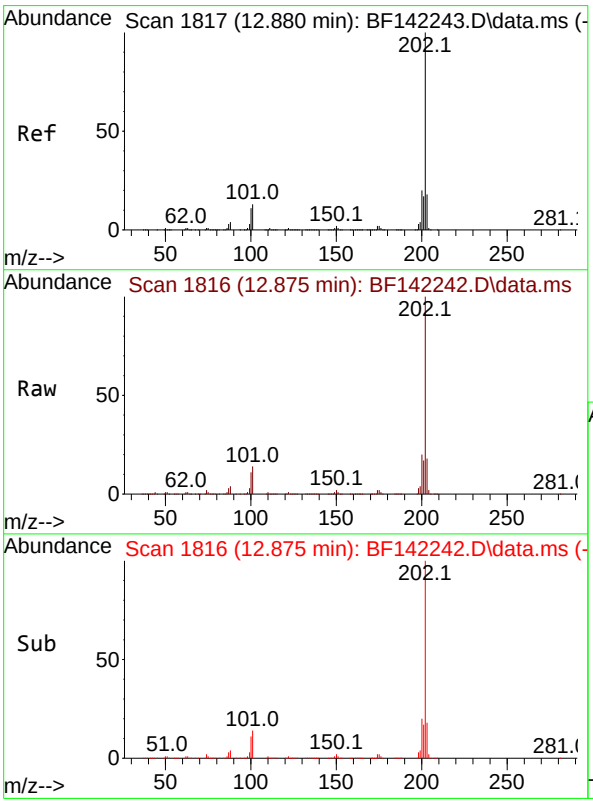
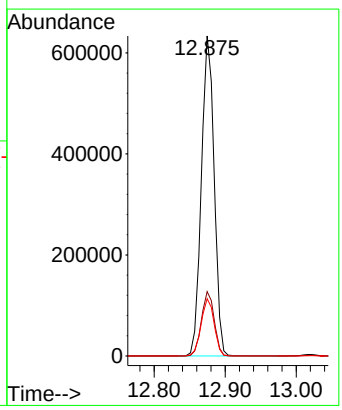
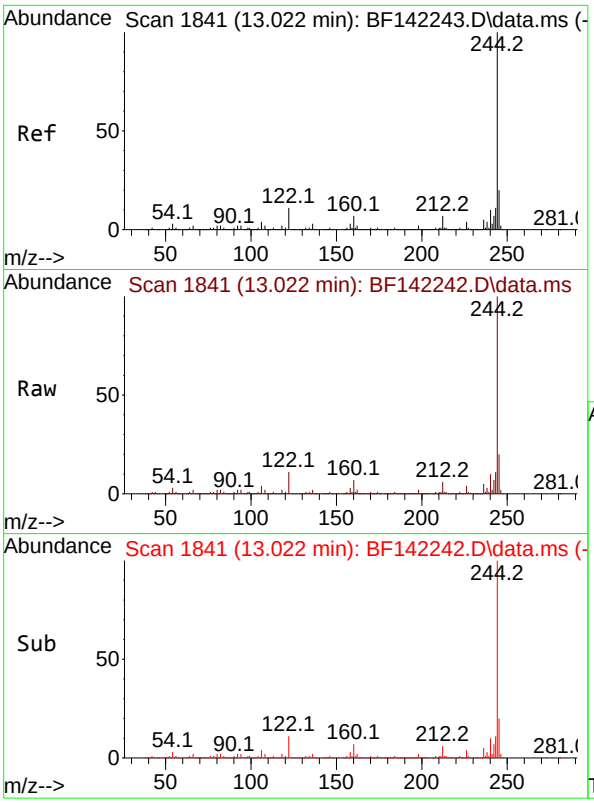


#78
Pyrene
Concen: 20.046 ng
RT: 12.875 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:202 Resp: 795806

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.1	24.1
203	17.9	14.1	21.1

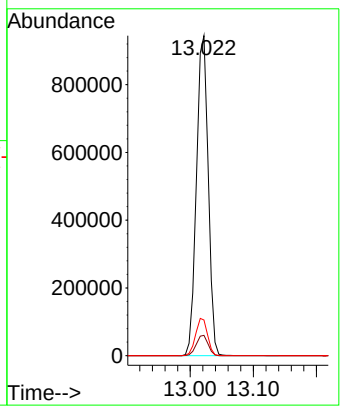




#79
Terphenyl-d14
Concen: 41.357 ng
RT: 13.022 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:244 Resp: 122373

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.3	7.9
122	11.1	9.1	13.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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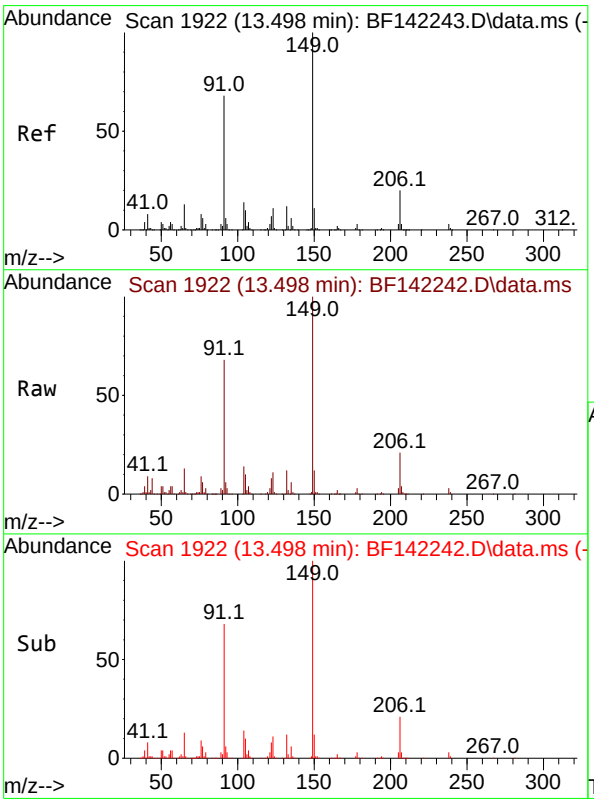
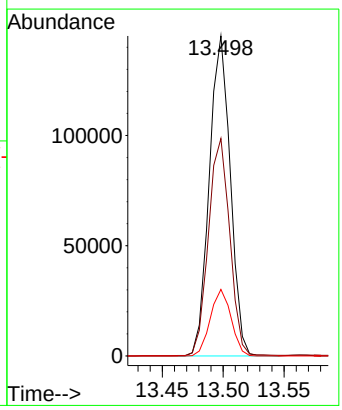
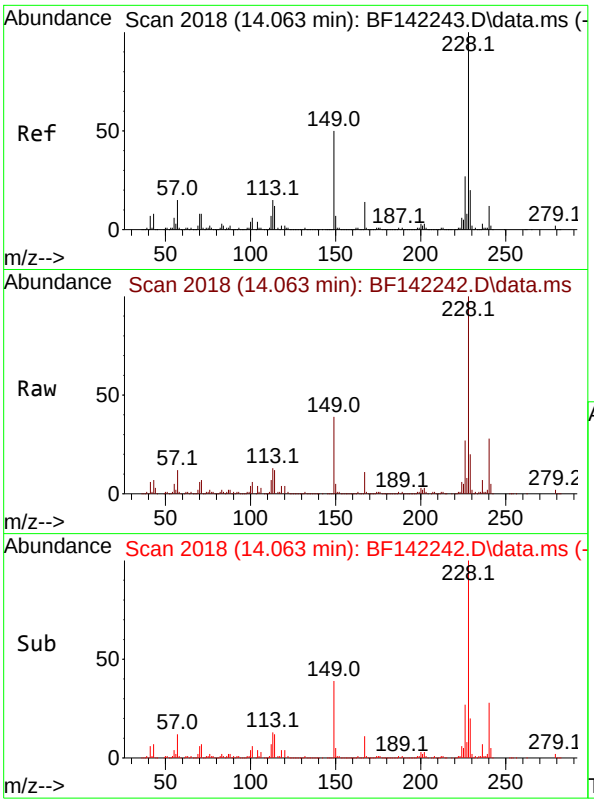


#80
Butylbenzylphthalate
Concen: 18.529 ng
RT: 13.498 min Scan# 1922
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:149 Resp: 174268

Ion	Ratio	Lower	Upper
149	100		
91	67.9	54.4	81.6
206	20.8	15.9	23.9

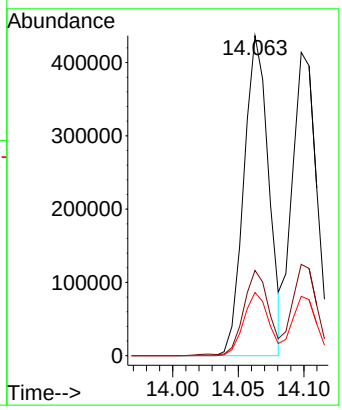




#81
Benzo(a)anthracene
Concen: 19.849 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:228 Resp: 57343

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.9	32.9
229	19.7	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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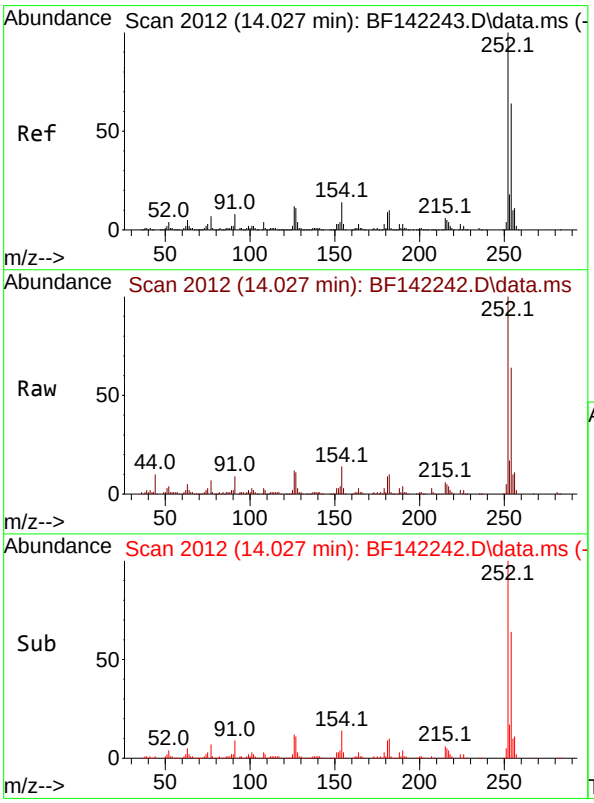
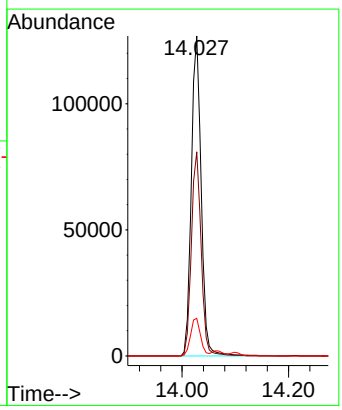
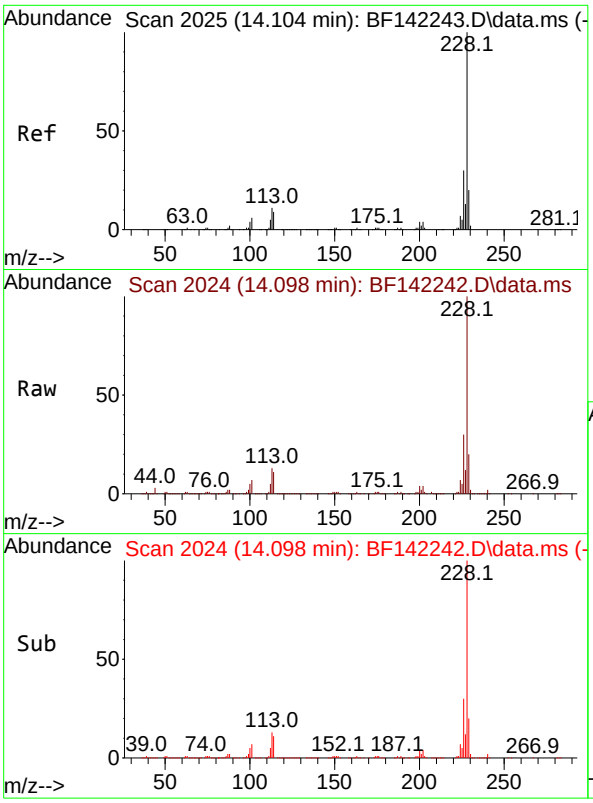


#82
3,3'-Dichlorobenzidine
Concen: 19.251 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:252 Resp: 163359

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.0	76.6
126	11.8	9.4	14.2

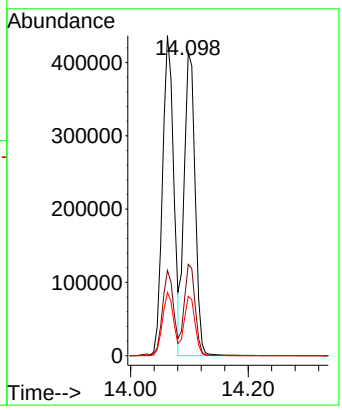




#83
Chrysene
Concen: 20.435 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:228 Resp: 53738

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	19.6	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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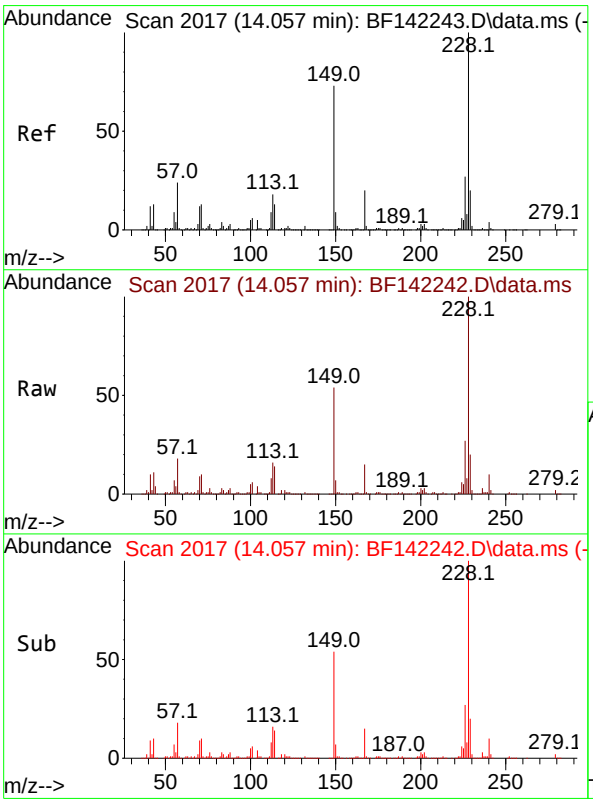
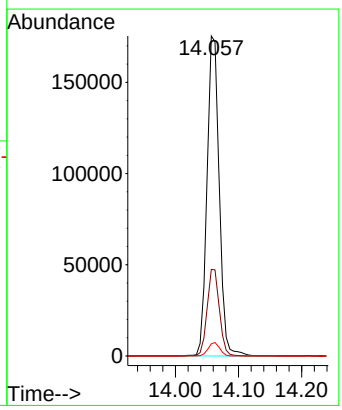
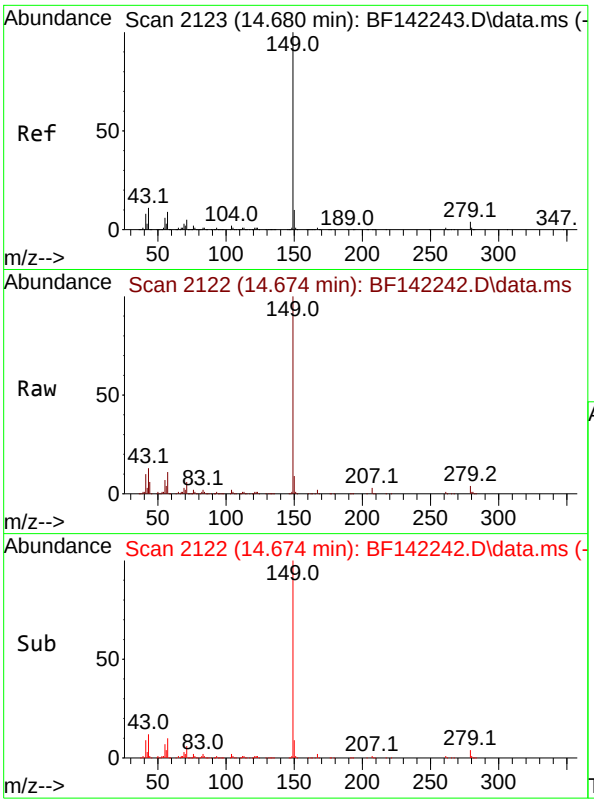


#84
Bis(2-ethylhexyl)phthalate
Concen: 18.042 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:149 Resp: 236325

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.7	32.5
279	3.8	3.0	4.4





#85
Di-n-octyl phthalate
Concen: 17.998 ng
RT: 14.674 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:149 Resp: 37636

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.4	9.3	13.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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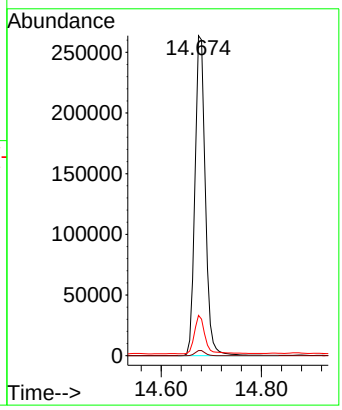
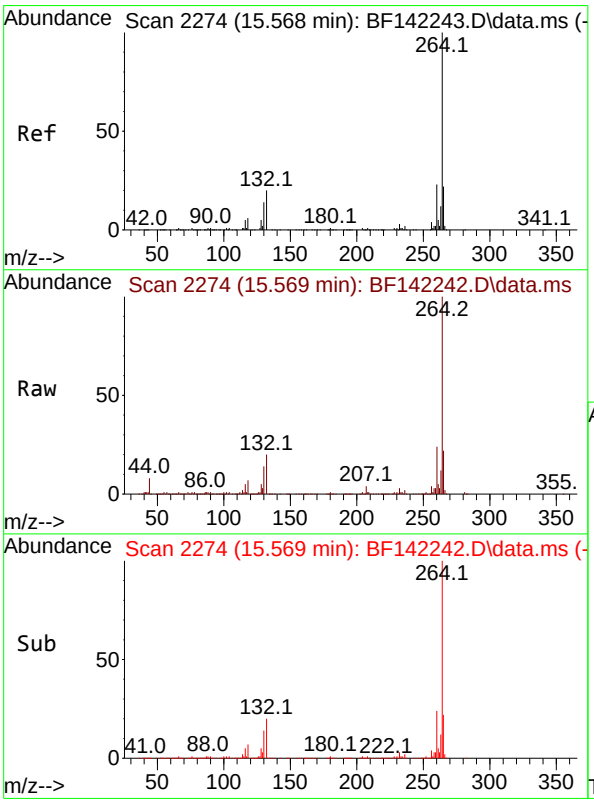
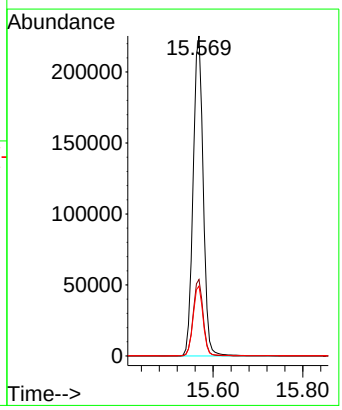


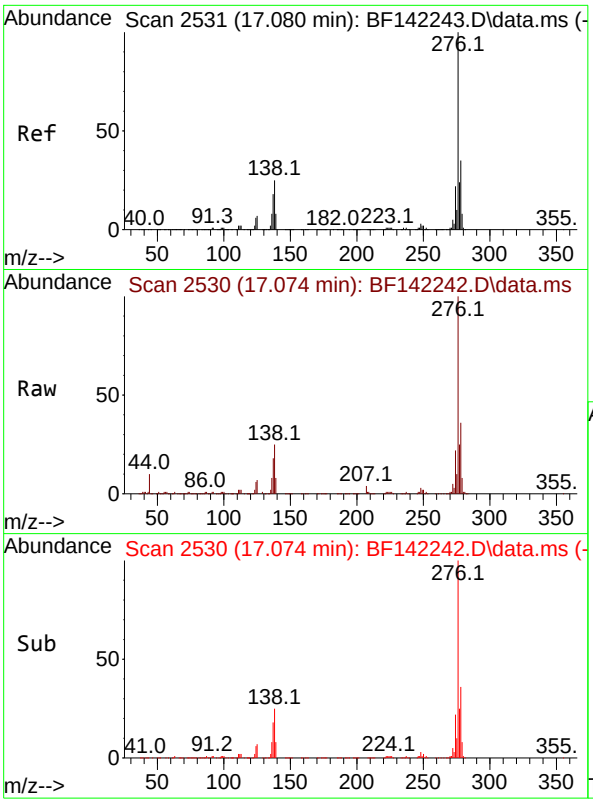


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.569 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:264 Resp: 350840

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	21.8	17.3	25.9

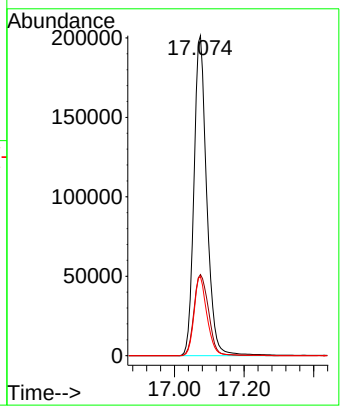




#87
Indeno(1,2,3-cd)pyrene
Concen: 20.021 ng
RT: 17.074 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:276 Resp: 51449

Ion	Ratio	Lower	Upper
276	100		
138	28.9	22.6	33.8
277	25.1	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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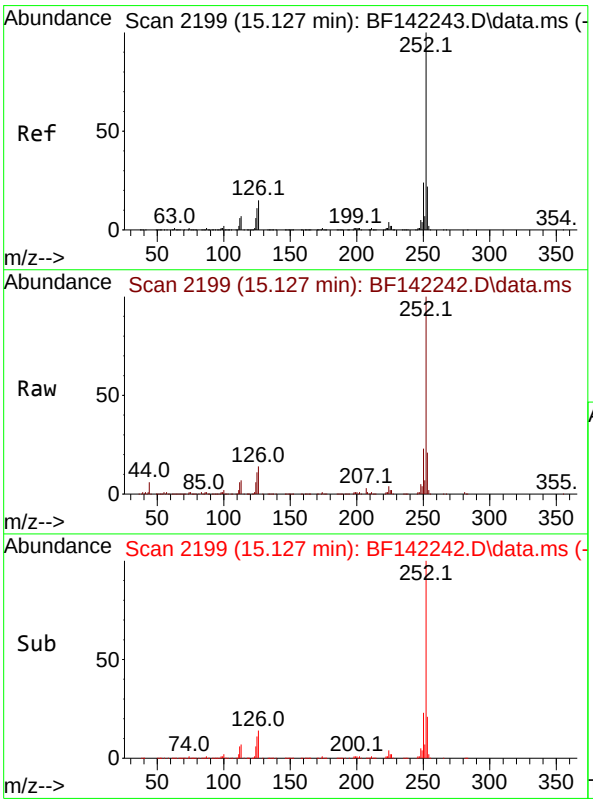
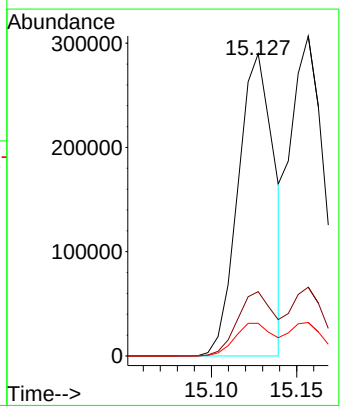
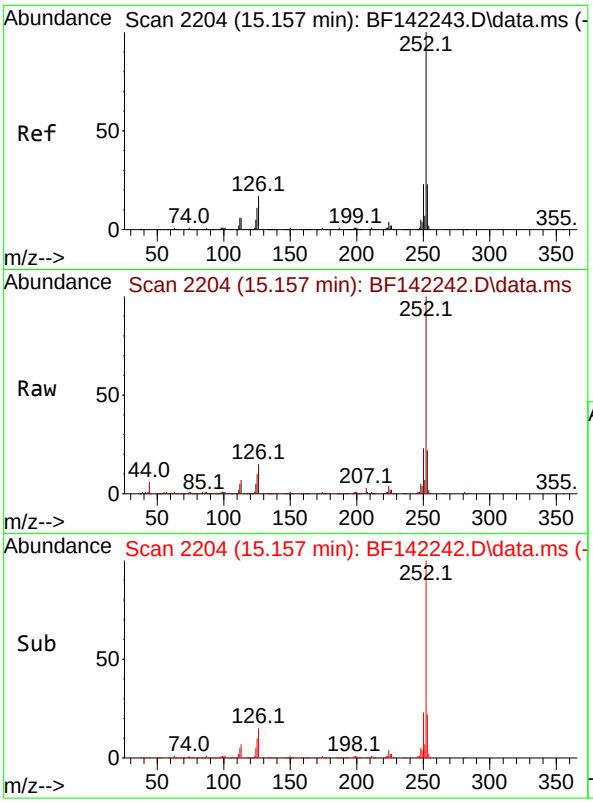


#88
Benzo(b)fluoranthene
Concen: 19.442 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:252 Resp: 423694

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.7	26.5
125	10.8	9.0	13.4

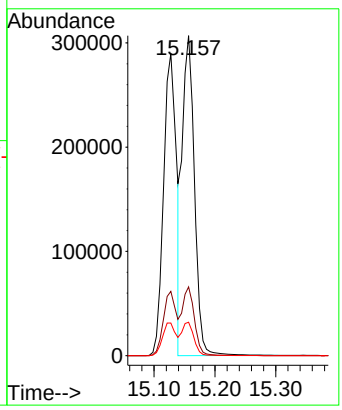




#89
Benzo(k)fluoranthene
Concen: 21.504 ng
RT: 15.157 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:252 Resp: 42864

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	10.5	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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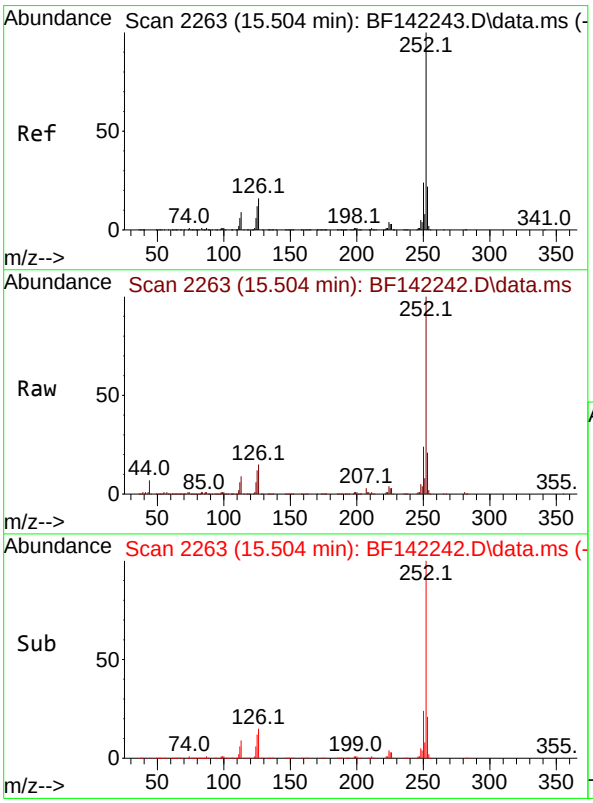
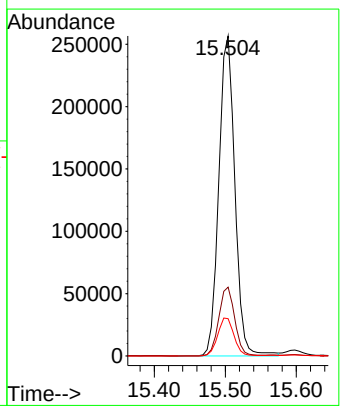
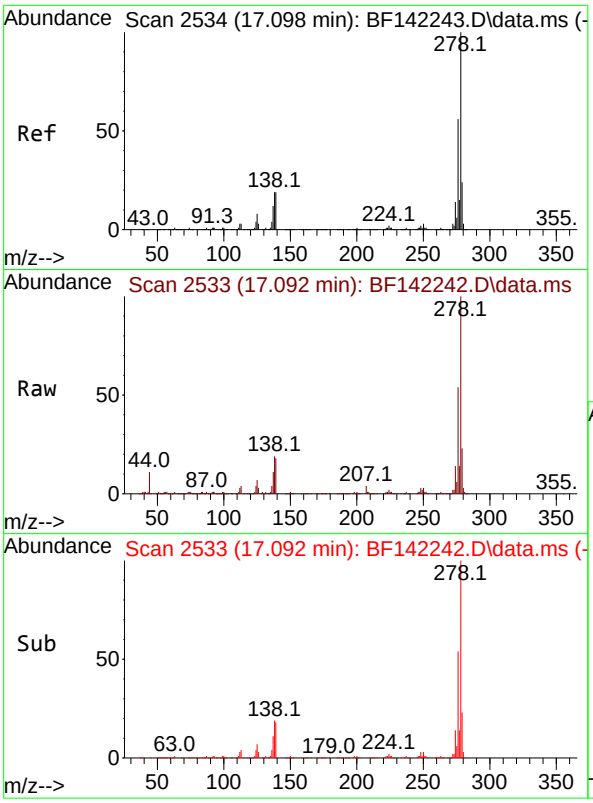


#90
Benzo(a)pyrene
Concen: 20.154 ng
RT: 15.504 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:252 Resp: 402101

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	11.7	9.5	14.3

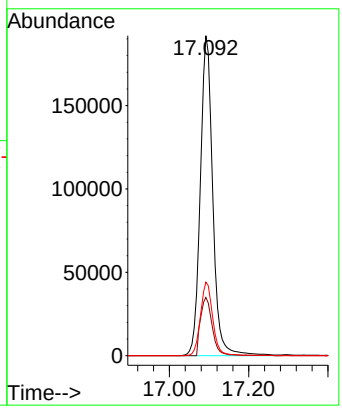




#91
Dibenzo(a,h)anthracene
Concen: 20.139 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:278 Resp: 42002

Ion	Ratio	Lower	Upper
278	100		
139	18.2	15.2	22.8
279	23.0	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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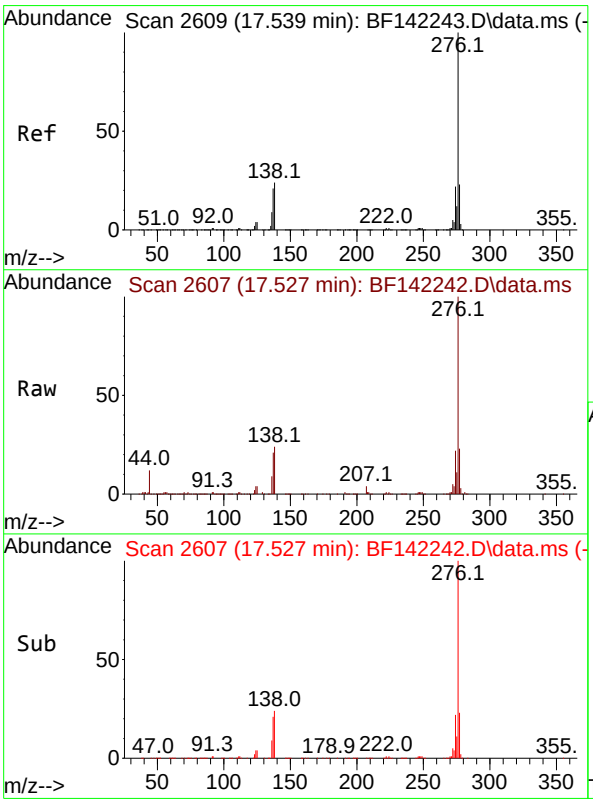
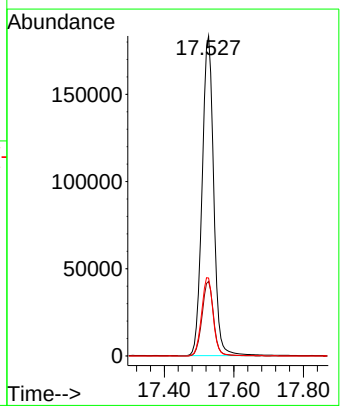


#92
Benzo(g,h,i)perylene
Concen: 20.150 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.012 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:276 Resp: 422497

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.7	28.1
138	24.4	19.4	29.0



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Data File : BF142243.D
Acq On : 30 Apr 2025 13:17
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 30 15:43:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	180007	20.000	ng	0.00
21) Naphthalene-d8	8.193	136	706244	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	370869	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	616408	20.000	ng	0.00
76) Chrysene-d12	14.074	240	331192	20.000	ng	0.00
86) Perylene-d12	15.568	264	328405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	946150	83.944	ng	0.00
7) Phenol-d6	6.528	99	1146926	84.267	ng	0.00
23) Nitrobenzene-d5	7.475	82	961009	89.396	ng	0.00
42) 2,4,6-Tribromophenol	10.734	330	302223	89.389	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2089707	79.446	ng	0.00
79) Terphenyl-d14	13.022	244	1962470	86.181	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	213029	42.319	ng	100
3) Pyridine	3.463	79	547989	41.886	ng	100
4) n-Nitrosodimethylamine	3.410	42	290357	42.887	ng	100
6) Aniline	6.569	93	808338	41.959	ng	100
8) 2-Chlorophenol	6.693	128	496290	42.612	ng	100
9) Benzaldehyde	6.457	77	402047	42.263	ng	100
10) Phenol	6.540	94	617257	42.128	ng	100
11) bis(2-Chloroethyl)ether	6.646	93	474404	41.780	ng	100
12) 1,3-Dichlorobenzene	6.851	146	551813	41.881	ng	100
13) 1,4-Dichlorobenzene	6.928	146	556691	41.937	ng	100
14) 1,2-Dichlorobenzene	7.081	146	530895	41.892	ng	100
15) Benzyl Alcohol	7.046	79	413830	42.870	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.187	45	858875	41.888	ng	100
17) 2-Methylphenol	7.151	107	403467	42.287	ng	100
18) Hexachloroethane	7.428	117	183881	42.322	ng	100
19) n-Nitroso-di-n-propyla...	7.322	70	348288	41.410	ng	100
20) 3+4-Methylphenols	7.304	107	503856	42.229	ng	100
22) Acetophenone	7.316	105	660959	40.454	ng	100
24) Nitrobenzene	7.493	77	463357	43.929	ng	100
25) Isophorone	7.728	82	931763	41.299	ng	100
26) 2-Nitrophenol	7.804	139	162563	38.737	ng	100
27) 2,4-Dimethylphenol	7.834	122	476186	41.862	ng	100
28) bis(2-Chloroethoxy)met...	7.940	93	586887	41.247	ng	100
29) 2,4-Dichlorophenol	8.040	162	410487	43.163	ng	100
30) 1,2,4-Trichlorobenzene	8.134	180	440825	41.539	ng	100
31) Naphthalene	8.216	128	1441240	40.920	ng	100
32) Benzoic acid	7.934	122	184052m	37.083	ng	
33) 4-Chloroaniline	8.257	127	606136	41.328	ng	100
34) Hexachlorobutadiene	8.334	225	260821	42.125	ng	100
35) Caprolactam	8.622	113	122598	42.889	ng	100
36) 4-Chloro-3-methylphenol	8.728	107	417126	42.715	ng	100
37) 2-Methylnaphthalene	8.904	142	880315	40.652	ng	100
38) 1-Methylnaphthalene	9.004	142	920983	41.054	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	427286	40.938	ng	100
41) Hexachlorocyclopentadiene	9.057	237	260979	44.056	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	274555	42.450	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142243.D
Acq On : 30 Apr 2025 13:17
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 30 15:43:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	299967	44.113	ng	100
46) 1,1'-Biphenyl	9.369	154	1172400	40.664	ng	100
47) 2-Chloronaphthalene	9.392	162	879152	40.984	ng	100
48) 2-Nitroaniline	9.487	65	218766	39.600	ng	100
49) Acenaphthylene	9.810	152	1481543	40.929	ng	100
50) Dimethylphthalate	9.669	163	980172	41.312	ng	100
51) 2,6-Dinitrotoluene	9.728	165	178867	40.034	ng	100
52) Acenaphthene	9.981	154	869604	41.145	ng	100
53) 3-Nitroaniline	9.892	138	221168	40.485	ng	100
54) 2,4-Dinitrophenol	9.998	184	42260	38.466	ng	100
55) Dibenzofuran	10.151	168	1293035	40.813	ng	100
56) 4-Nitrophenol	10.039	139	159989	42.900	ng	100
57) 2,4-Dinitrotoluene	10.128	165	211218	39.352	ng	100
58) Fluorene	10.498	166	976948	40.554	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	247655	43.967	ng	100
60) Diethylphthalate	10.369	149	974036	41.573	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	468898	40.986	ng	100
62) 4-Nitroaniline	10.504	138	201491	40.498	ng	100
63) Azobenzene	10.651	77	948440	40.994	ng	100
65) 4,6-Dinitro-2-methylph...	10.534	198	67678	36.574	ng	100
66) n-Nitrosodiphenylamine	10.604	169	877338	41.656	ng	100
67) 4-Bromophenyl-phenylether	10.981	248	291063	42.400	ng	100
68) Hexachlorobenzene	11.045	284	321448	41.809	ng	100
69) Atrazine	11.128	200	234825	42.299	ng	100
70) Pentachlorophenol	11.233	266	177755	43.764	ng	100
71) Phenanthrene	11.457	178	1371009	41.176	ng	100
72) Anthracene	11.510	178	1390308	40.840	ng	100
73) Carbazole	11.663	167	1273184	40.999	ng	100
74) Di-n-butylphthalate	11.998	149	1317363	42.180	ng	100
75) Fluoranthene	12.645	202	1338006	40.652	ng	100
77) Benzidine	12.769	184	638142	45.346	ng	100
78) Pyrene	12.880	202	1341800	43.920	ng	100
80) Butylbenzylphthalate	13.498	149	334175	40.624	ng	100
81) Benzo(a)anthracene	14.063	228	952290	42.831	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	292958	44.859	ng	100
83) Chrysene	14.104	228	816041	40.321	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	460074	40.356	ng	100
85) Di-n-octyl phthalate	14.680	149	836078	40.504	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	1059591	44.049	ng	100
88) Benzo(b)fluoranthene	15.127	252	854971	41.912	ng	100
89) Benzo(k)fluoranthene	15.157	252	752135	40.310	ng	100
90) Benzo(a)pyrene	15.504	252	790330	42.318	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	861783	44.142	ng	100
92) Benzo(g,h,i)perylene	17.539	276	858804	43.758	ng	100

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

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142243.D
Acq On : 30 Apr 2025 13:17
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 30 15:43:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
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Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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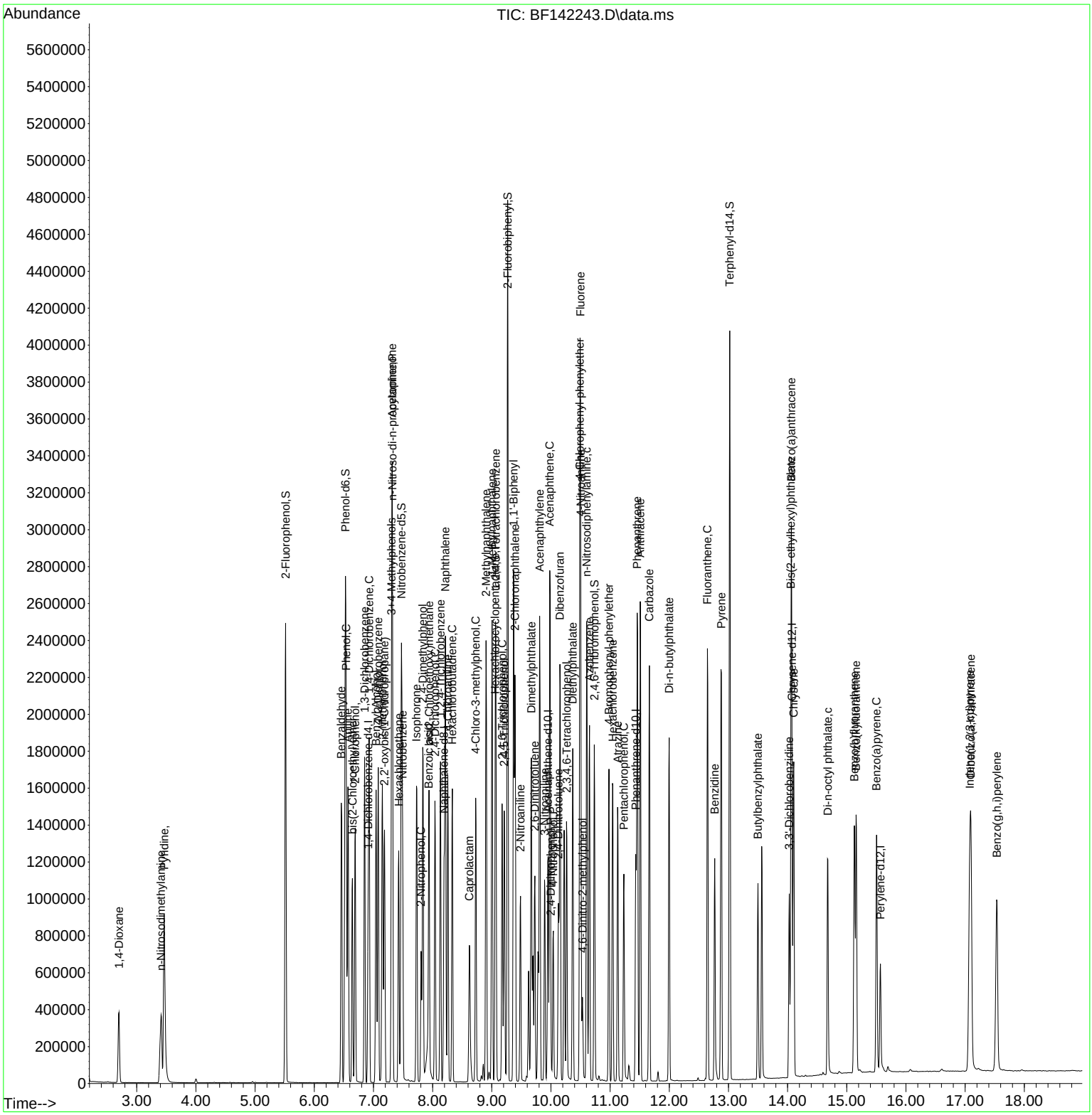
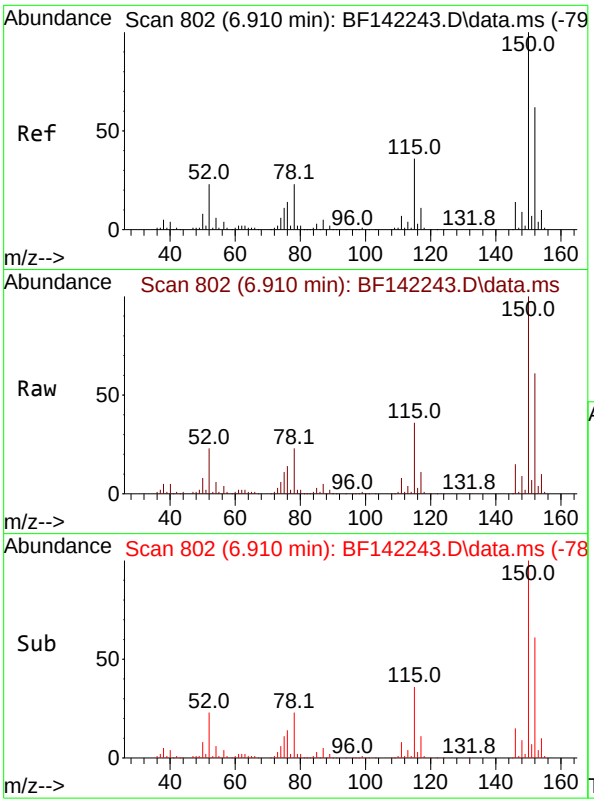
Supervised By :Jagrut Upadhyay 05/01/2025

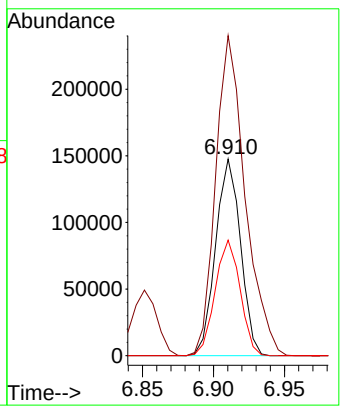




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:152 Resp: 18000

Ion	Ratio	Lower	Upper
152	100		
150	162.7	130.2	195.2
115	58.7	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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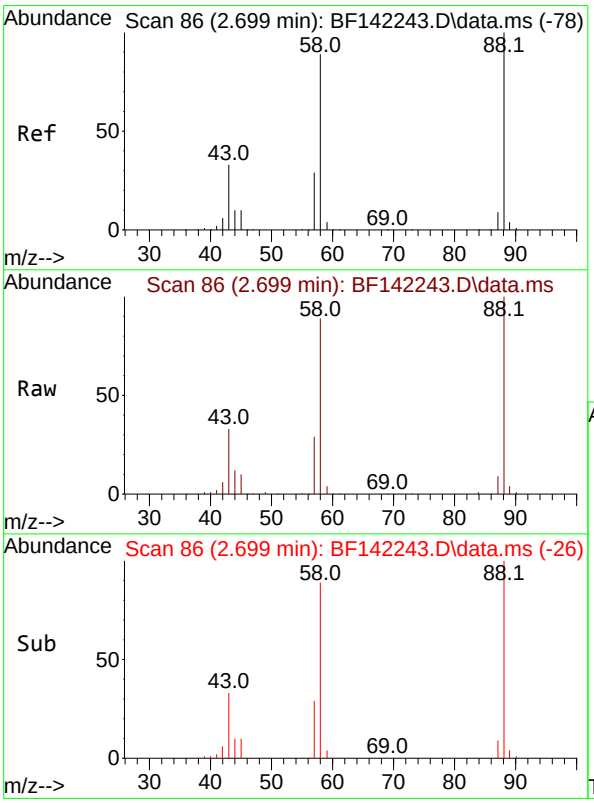
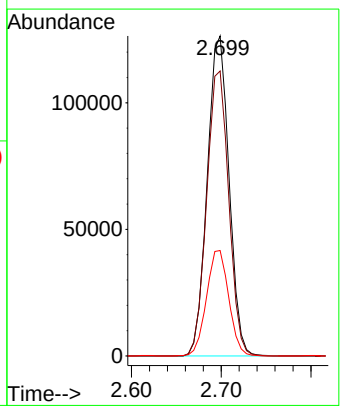
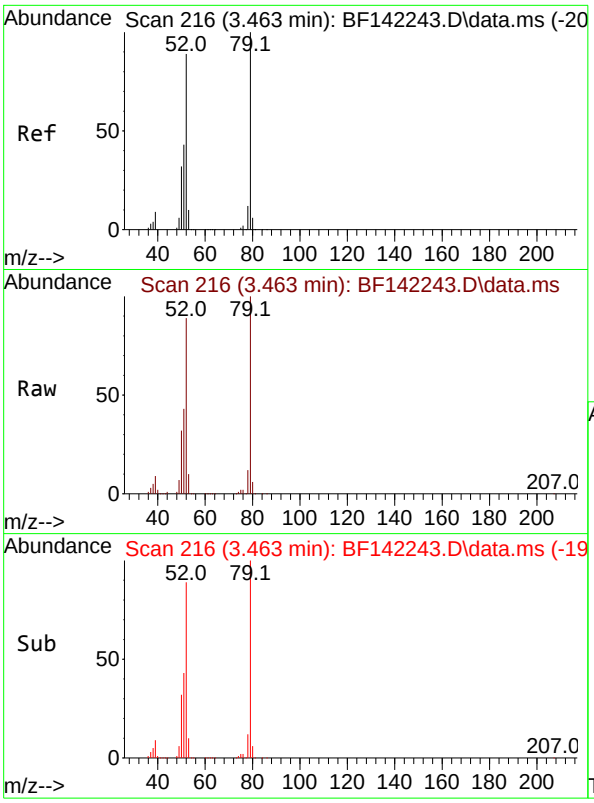


#2
1,4-Dioxane
Concen: 42.319 ng
RT: 2.699 min Scan# 86
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion: 88 Resp: 213029

Ion	Ratio	Lower	Upper
88	100		
58	90.2	72.2	108.2
43	33.8	27.0	40.6

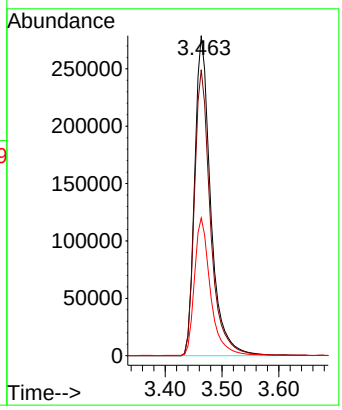




#3
Pyridine
Concen: 41.886 ng
RT: 3.463 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion: 79 Resp: 54798

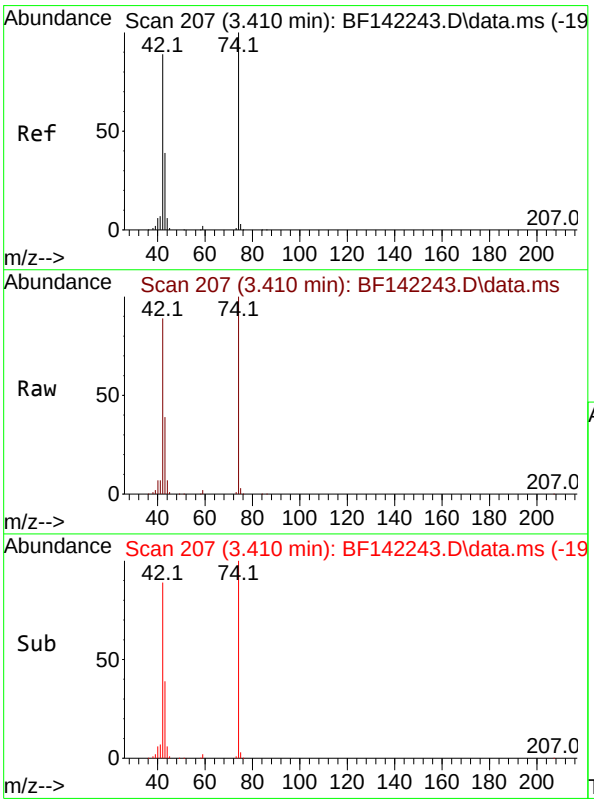
Ion	Ratio	Lower	Upper
79	100		
52	89.4	71.5	107.3
51	43.1	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

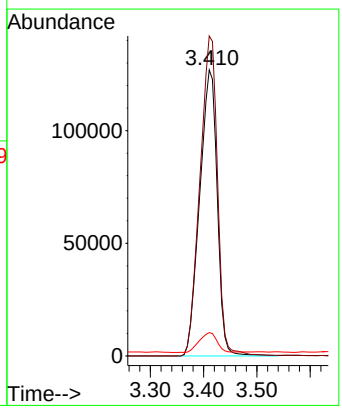
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

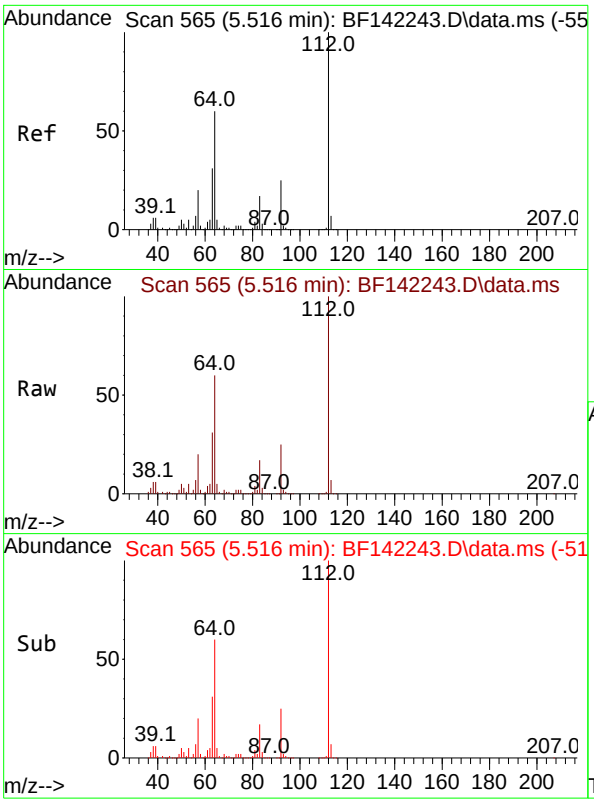


#4
n-Nitrosodimethylamine
Concen: 42.887 ng
RT: 3.410 min Scan# 207
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion: 42 Resp: 290357

Ion	Ratio	Lower	Upper
42	100		
74	111.9	89.5	134.3
44	8.2	6.6	9.8

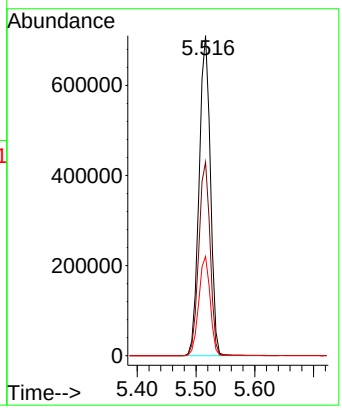




#5
2-Fluorophenol
Concen: 83.944 ng
RT: 5.516 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:112 Resp: 94615

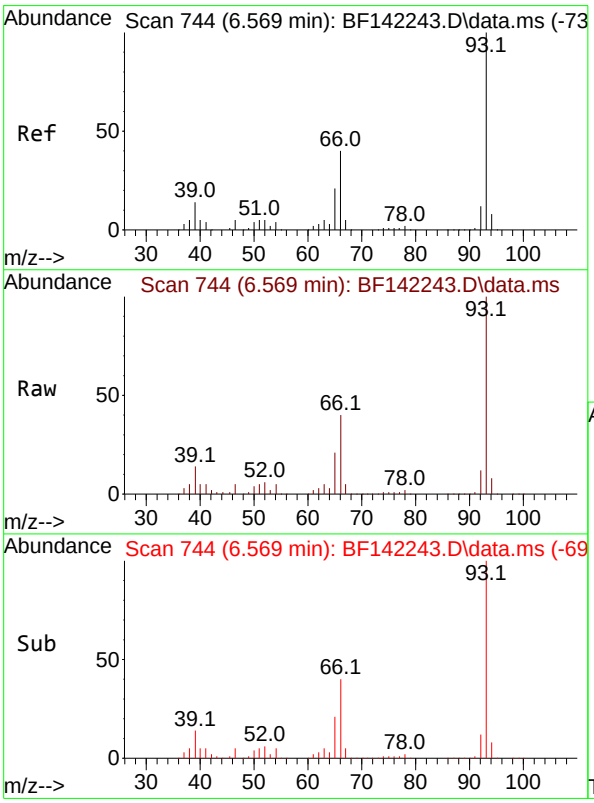
Ion	Ratio	Lower	Upper
112	100		
64	60.5	48.4	72.6
63	31.0	24.8	37.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

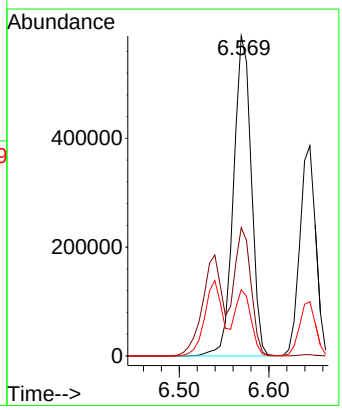
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

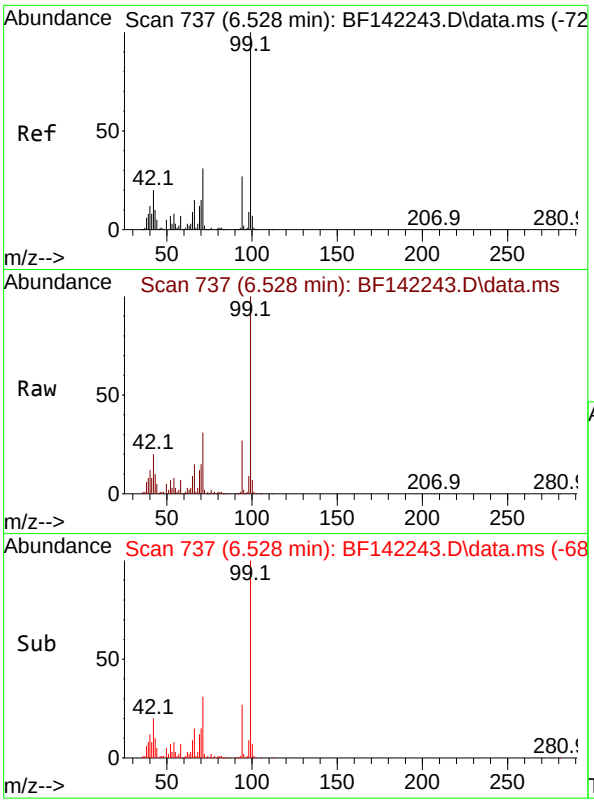


#6
Aniline
Concen: 41.959 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion: 93 Resp: 808338

Ion	Ratio	Lower	Upper
93	100		
66	40.1	32.1	48.1
65	20.7	16.6	24.8

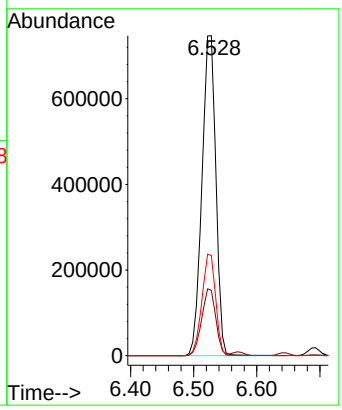




#7
Phenol-d6
Concen: 84.267 ng
RT: 6.528 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion: 99 Resp: 114692

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.3	24.5
71	31.2	25.0	37.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
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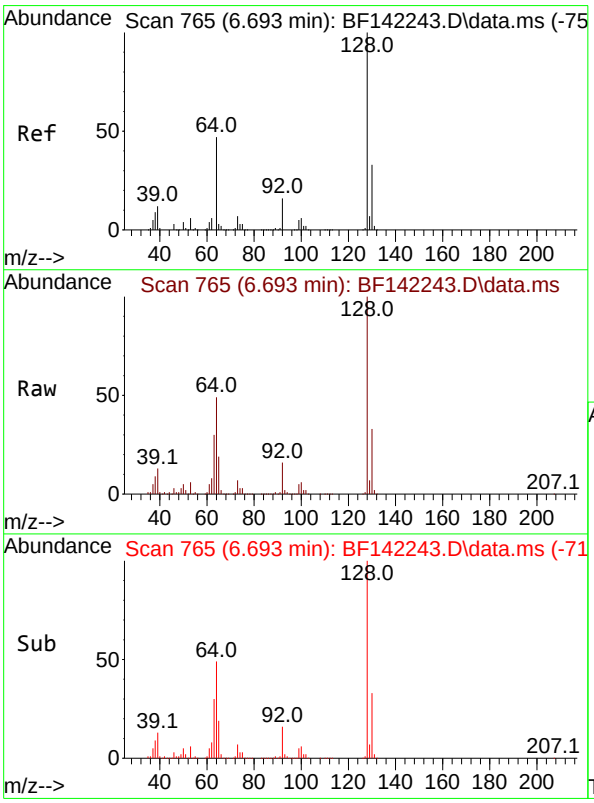
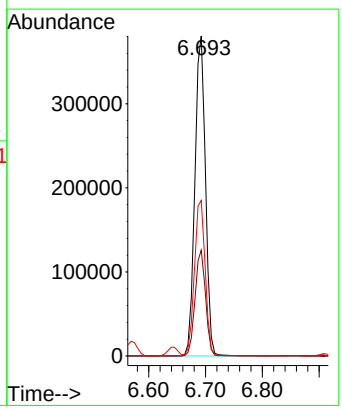
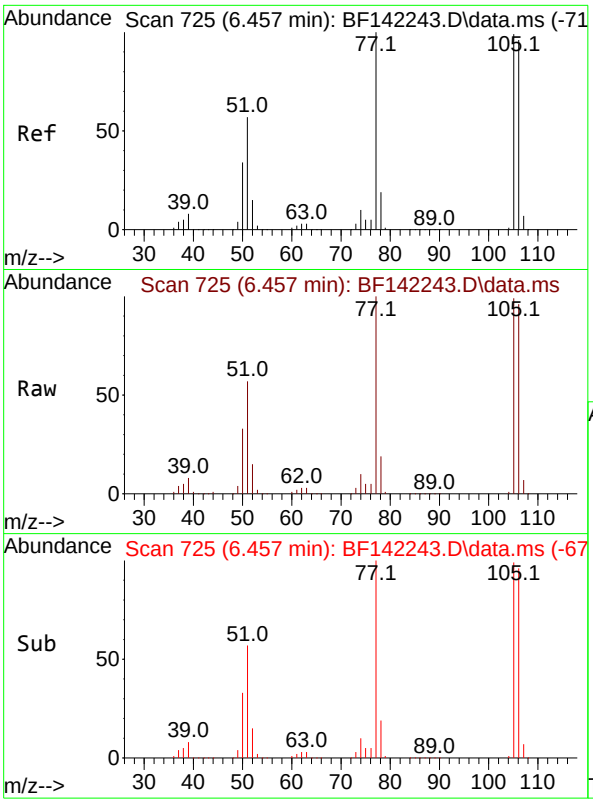


#8
2-Chlorophenol
Concen: 42.612 ng
RT: 6.693 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:128 Resp: 496290

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.1	53.1
64	48.6	28.6	68.6

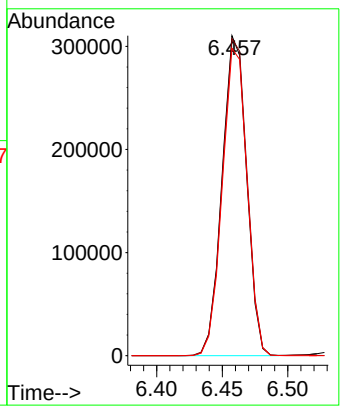




#9
Benzaldehyde
Concen: 42.263 ng
RT: 6.457 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion: 77 Resp: 40204

Ion	Ratio	Lower	Upper
77	100		
105	99.1	79.1	119.1
106	96.0	76.0	116.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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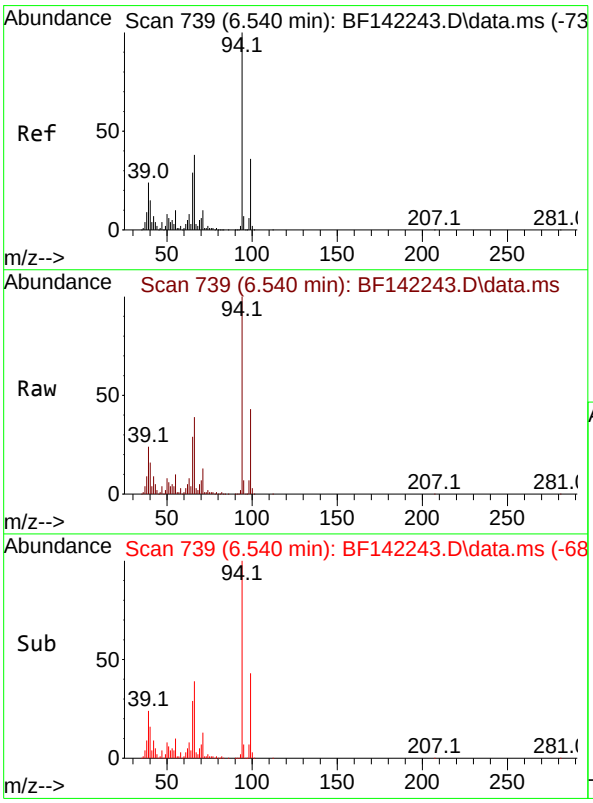
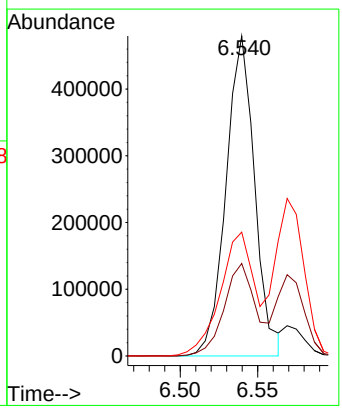
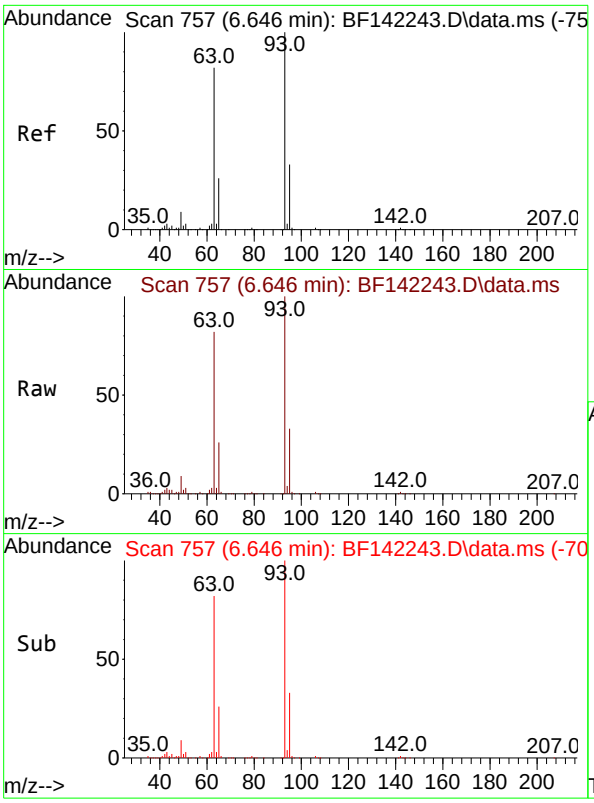


#10
Phenol
Concen: 42.128 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion: 94 Resp: 617257

Ion	Ratio	Lower	Upper
94	100		
65	28.9	8.9	48.9
66	38.7	18.7	58.7

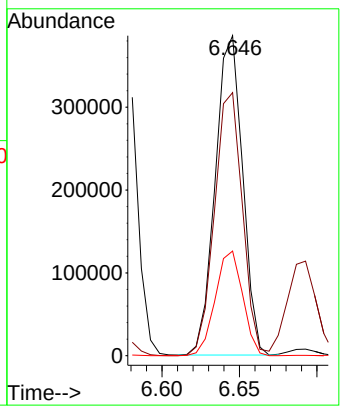




#11
bis(2-Chloroethyl)ether
Concen: 41.780 ng
RT: 6.646 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion: 93 Resp: 47440

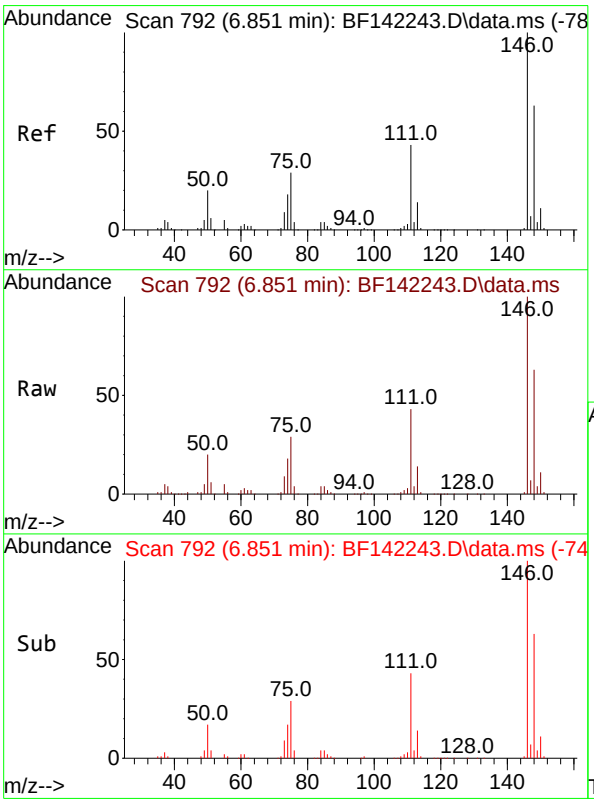
Ion	Ratio	Lower	Upper
93	100		
63	82.2	62.2	102.2
95	32.7	12.7	52.7



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

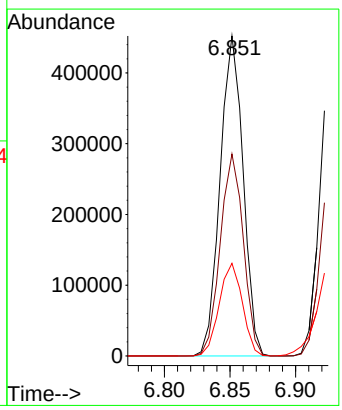
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

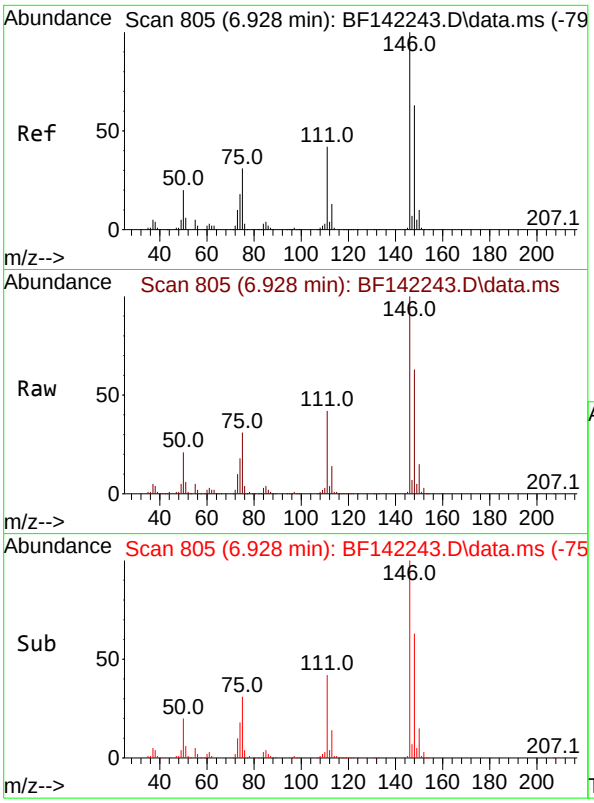


#12
1,3-Dichlorobenzene
Concen: 41.881 ng
RT: 6.851 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:146 Resp: 551813

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.5	75.7
75	29.0	23.2	34.8

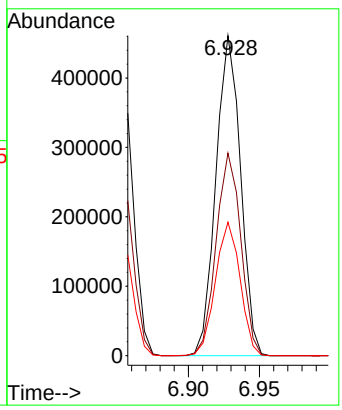




#13
1,4-Dichlorobenzene
Concen: 41.937 ng
RT: 6.928 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:146 Resp: 55669

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
111	41.7	33.4	50.0



Instrument :
BNA_F
ClientSampleId :
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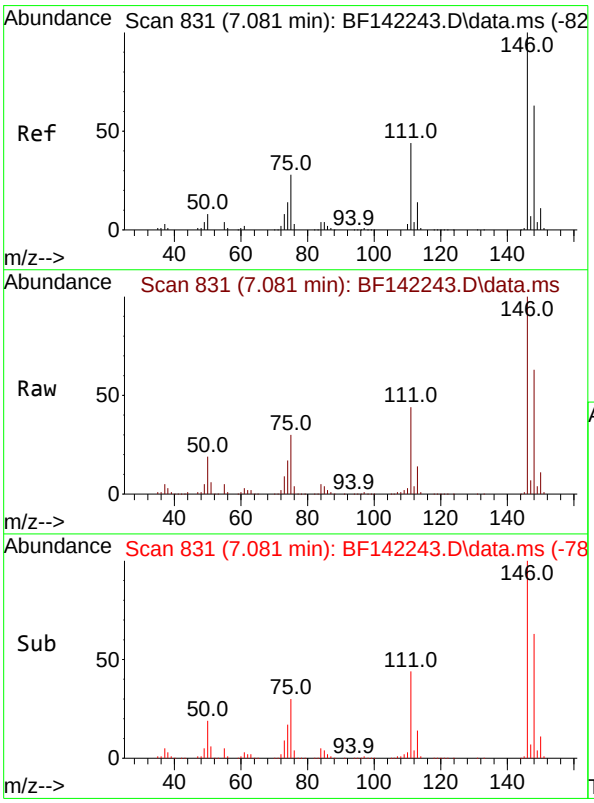
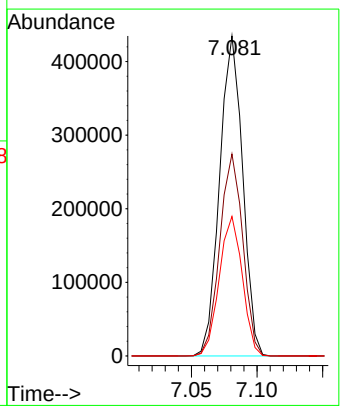
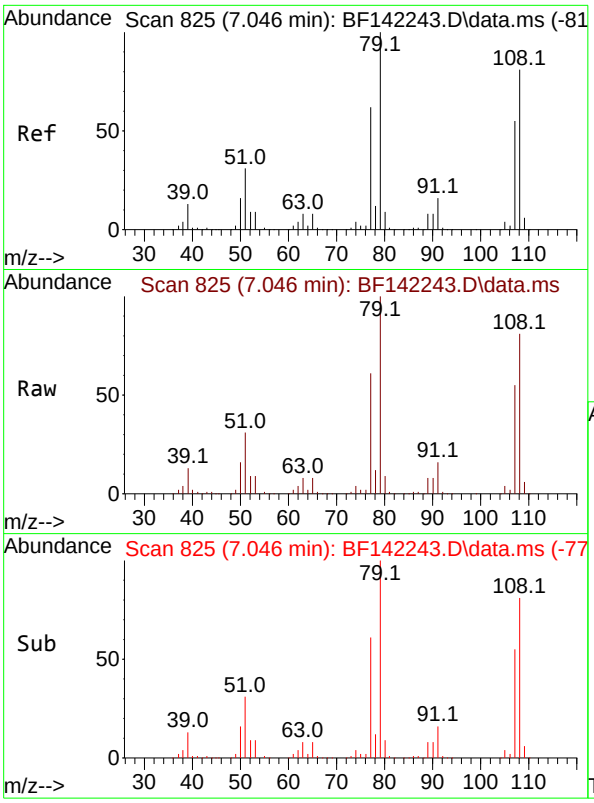


#14
1,2-Dichlorobenzene
Concen: 41.892 ng
RT: 7.081 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:146 Resp: 530895

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.5	75.7
111	43.6	34.9	52.3

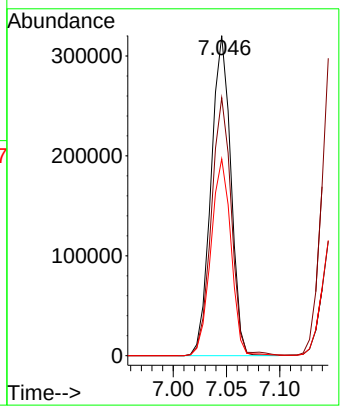




#15
Benzyl Alcohol
Concen: 42.870 ng
RT: 7.046 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion: 79 Resp: 41383

Ion	Ratio	Lower	Upper
79	100		
108	80.6	64.5	96.7
77	61.5	49.2	73.8



Instrument :
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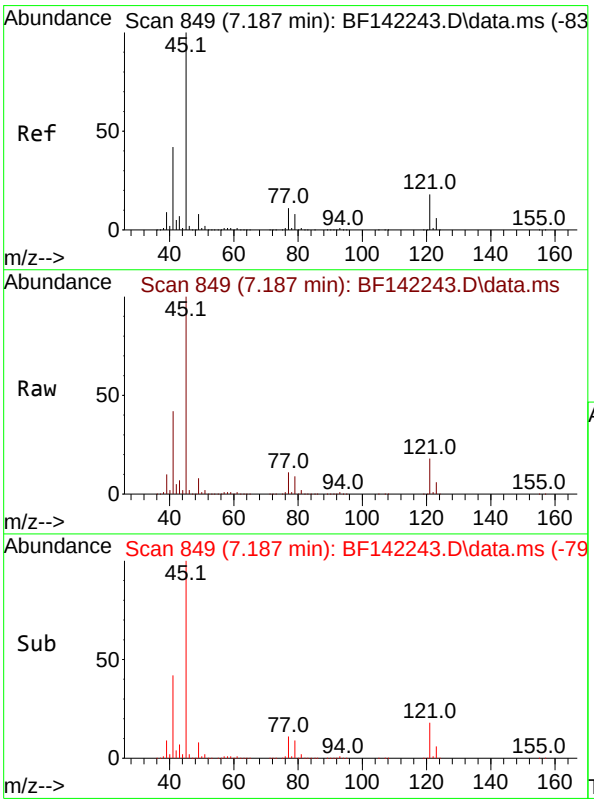
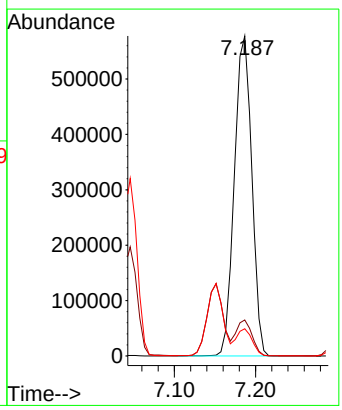
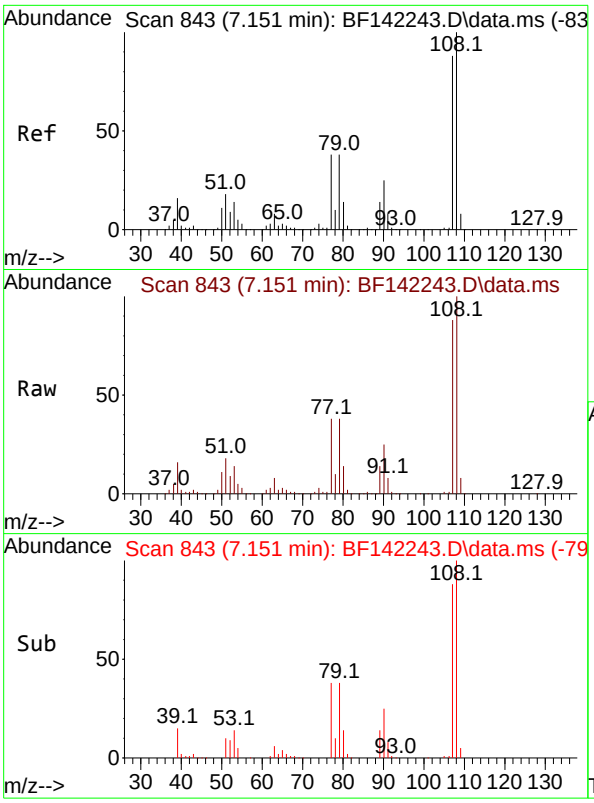


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.888 ng
RT: 7.187 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion: 45 Resp: 858875

Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	31.3
79	8.5	0.0	28.5

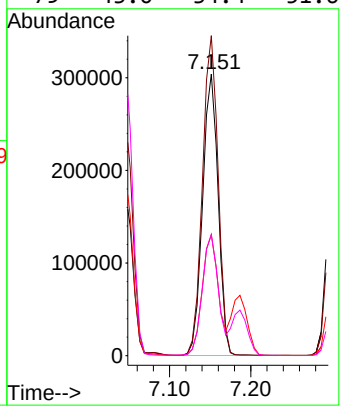




#17
2-Methylphenol
Concen: 42.287 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:107 Resp: 40346

Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.0	136.4
77	43.0	34.4	51.6
79	43.0	34.4	51.6



Instrument :
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ClientSampleId :
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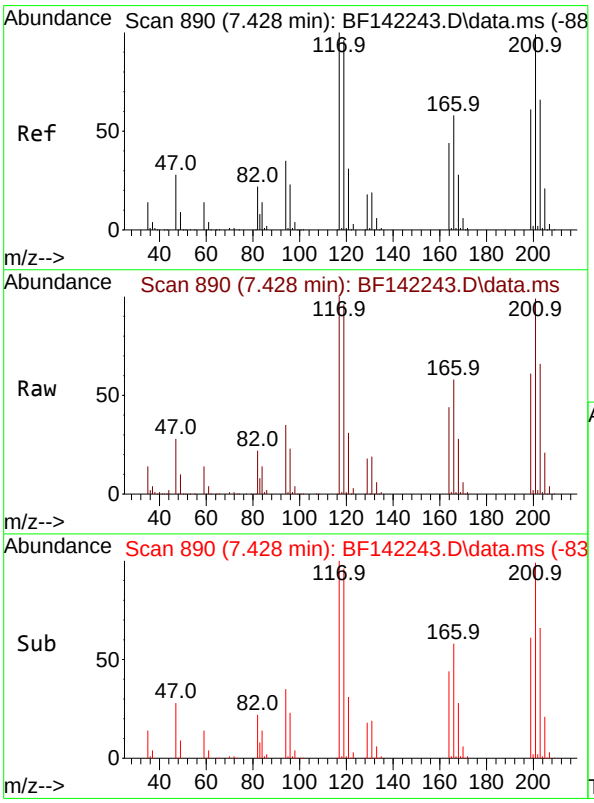
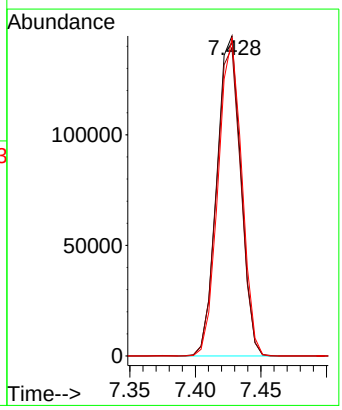
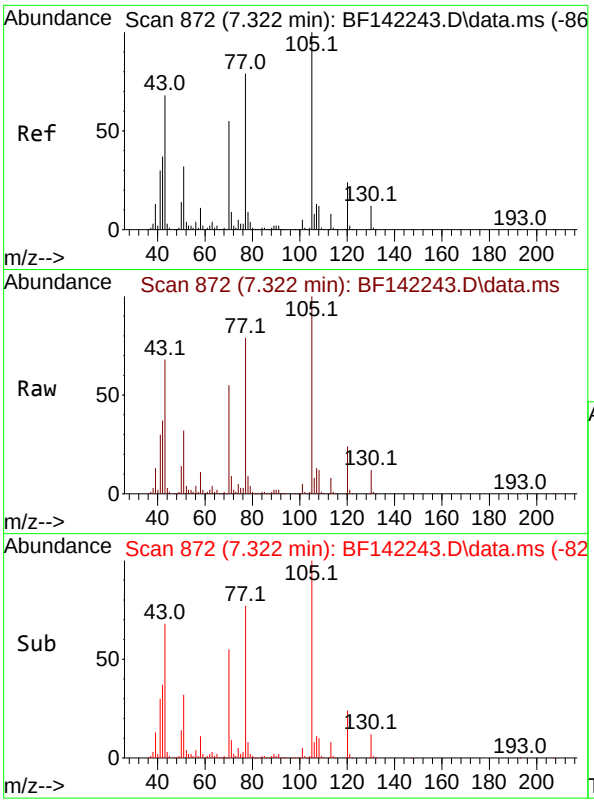


#18
Hexachloroethane
Concen: 42.322 ng
RT: 7.428 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:117 Resp: 183881

Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.1	115.7
201	99.3	79.4	119.2

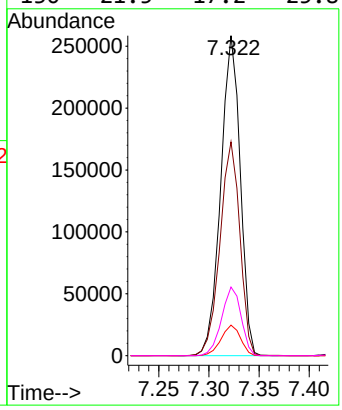




#19
n-Nitroso-di-n-propylamine
Concen: 41.410 ng
RT: 7.322 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion: 70 Resp: 34828

Ion	Ratio	Lower	Upper
70	100		
42	66.8	53.4	80.2
101	9.6	7.7	11.5
130	21.5	17.2	25.8



Instrument :
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ClientSampleId :
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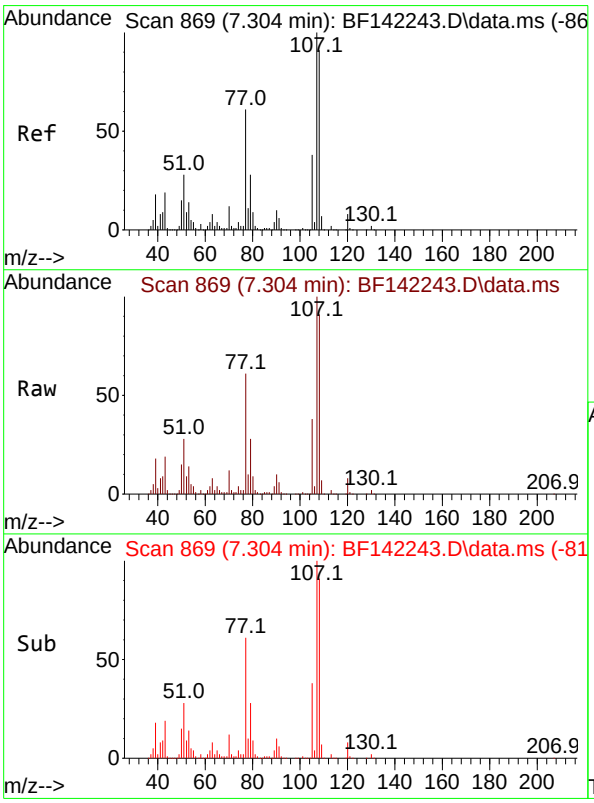
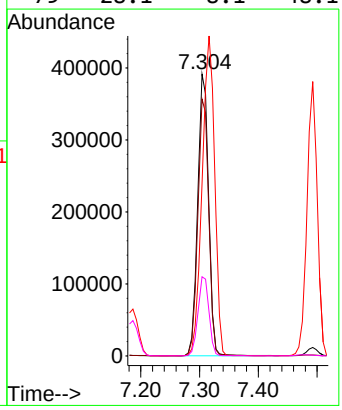
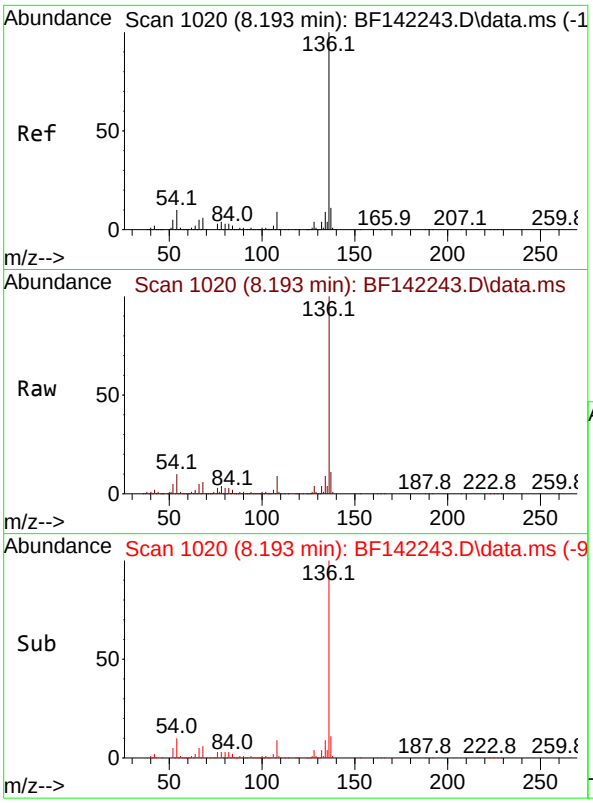


#20
3+4-Methylphenols
Concen: 42.229 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:107 Resp: 503856

Ion	Ratio	Lower	Upper
107	100		
108	91.2	71.2	111.2
77	61.1	41.1	81.1
79	28.1	8.1	48.1

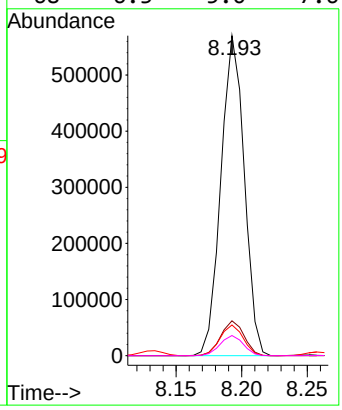




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.193 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:136 Resp: 70624

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.6	7.7	11.5
68	6.3	5.0	7.6



Instrument :
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ClientSampleId :
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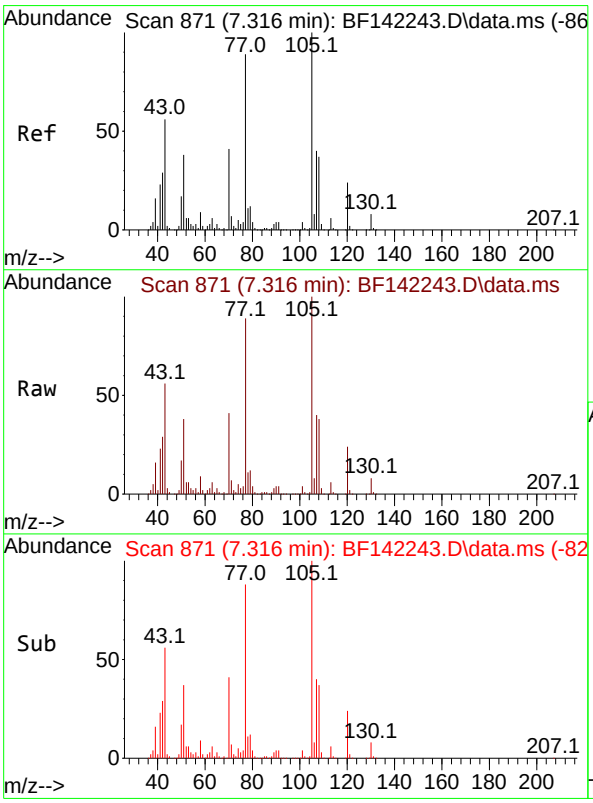
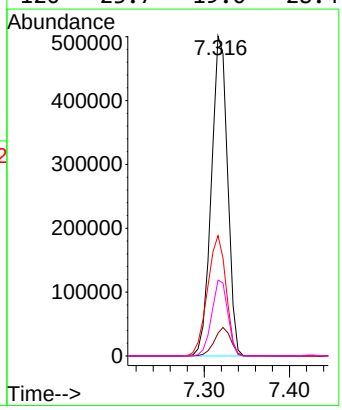
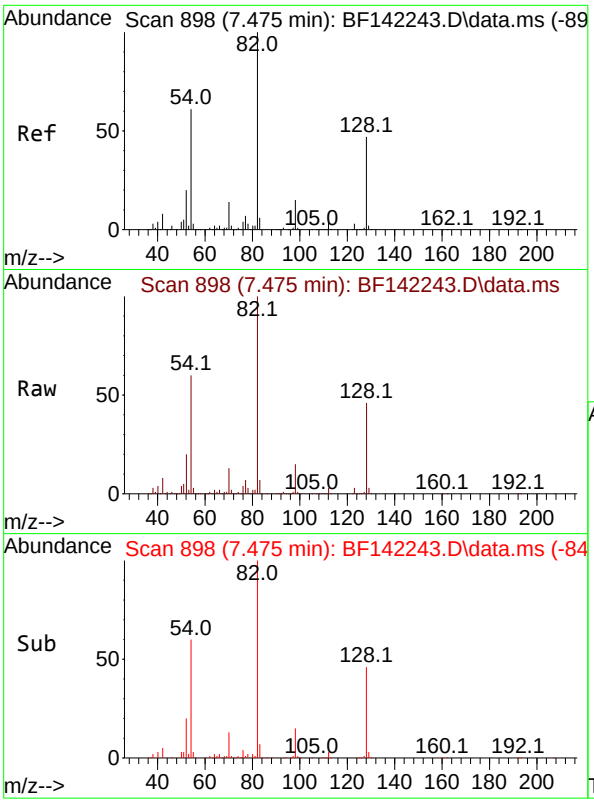


#22
Acetophenone
Concen: 40.454 ng
RT: 7.316 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:105 Resp: 660959

Ion	Ratio	Lower	Upper
105	100		
71	7.1	5.7	8.5
51	37.6	30.1	45.1
120	23.7	19.0	28.4





#23
Nitrobenzene-d5
Concen: 89.396 ng
RT: 7.475 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion: 82 Resp: 96100

Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.0	55.6
54	60.0	48.0	72.0

Instrument :
BNA_F
ClientSampleId :
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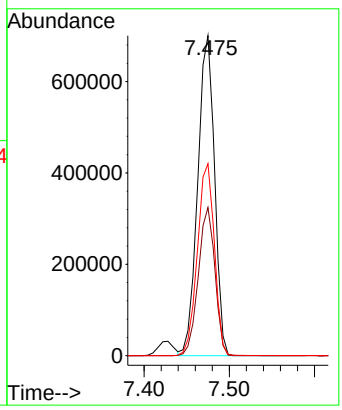
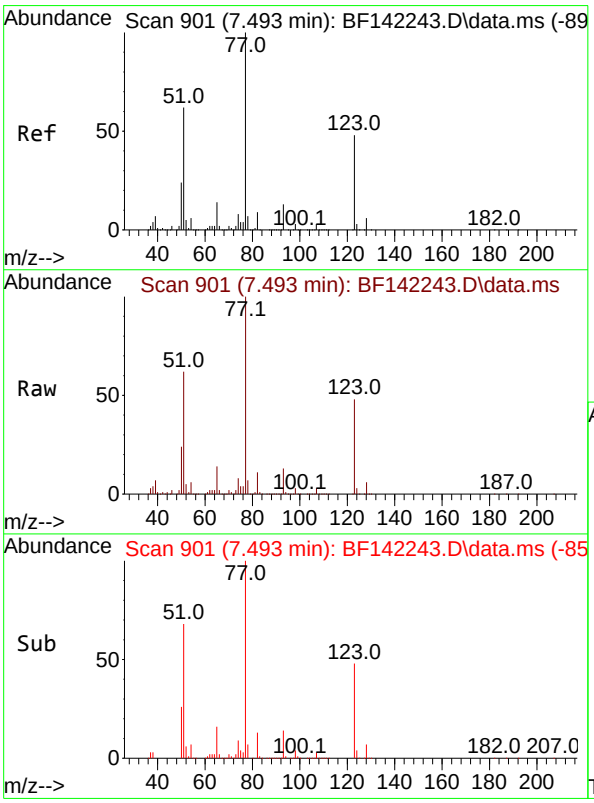
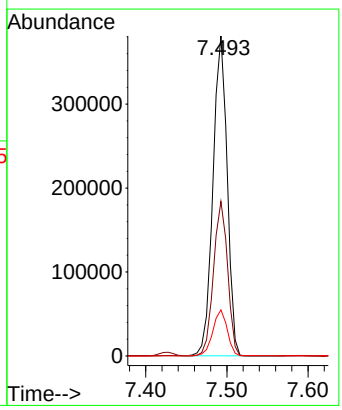


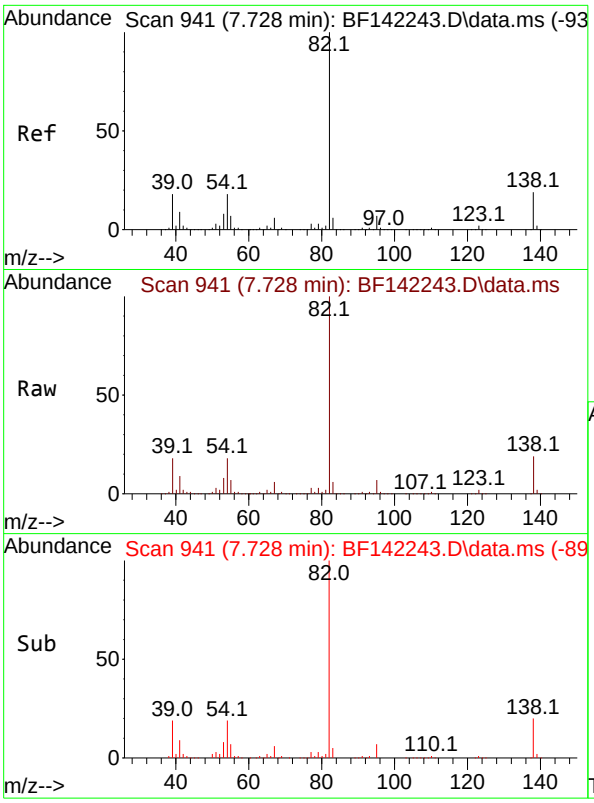


#24
Nitrobenzene
Concen: 43.929 ng
RT: 7.493 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion: 77 Resp: 463357

Ion	Ratio	Lower	Upper
77	100		
123	48.3	38.6	58.0
65	14.4	11.5	17.3

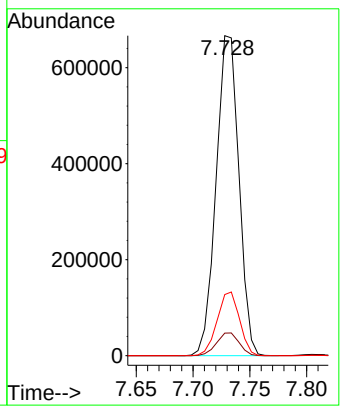




#25
Isophorone
Concen: 41.299 ng
RT: 7.728 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion: 82 Resp: 93176

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	19.1	15.3	22.9



Instrument :
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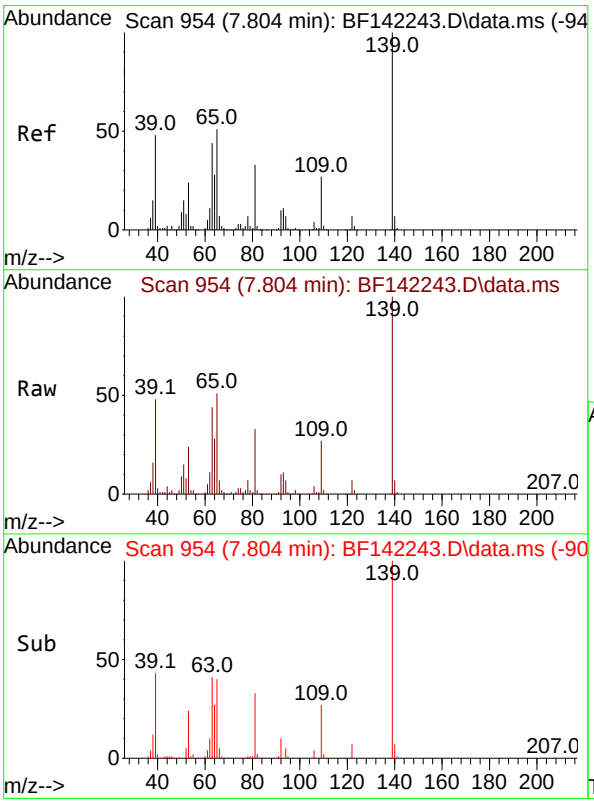
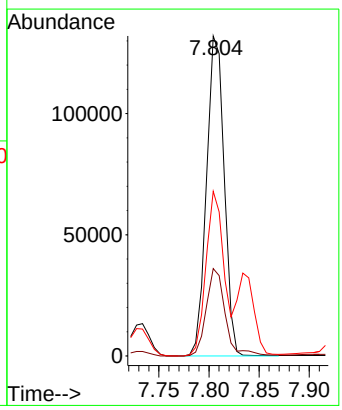
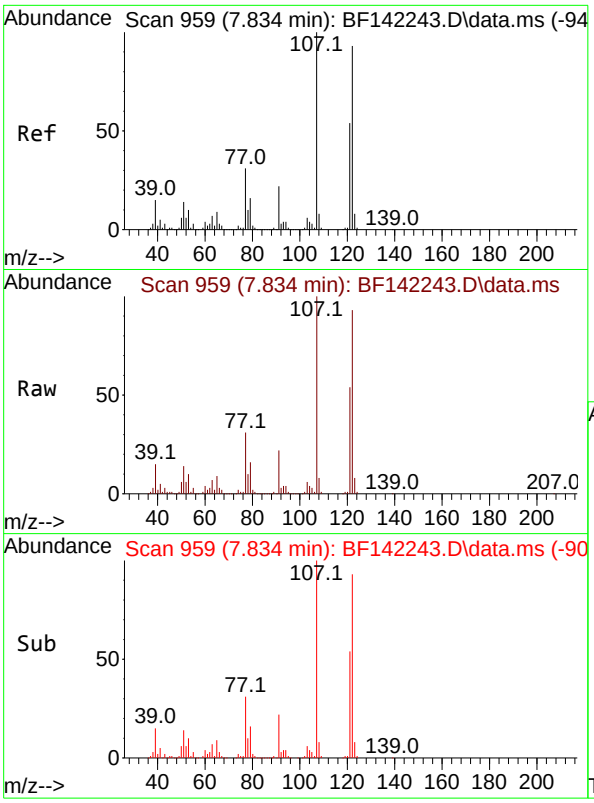


#26
2-Nitrophenol
Concen: 38.737 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:139 Resp: 162563

Ion	Ratio	Lower	Upper
139	100		
109	27.3	21.8	32.8
65	51.4	41.1	61.7

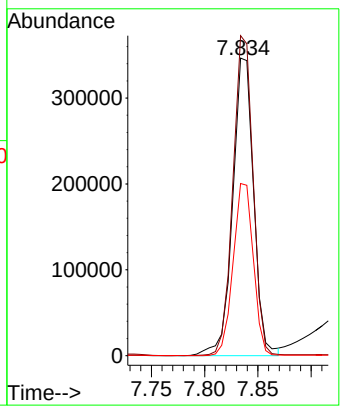




#27
2,4-Dimethylphenol
Concen: 41.862 ng
RT: 7.834 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:122 Resp: 47618

Ion	Ratio	Lower	Upper
122	100		
107	107.5	86.0	129.0
121	57.9	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
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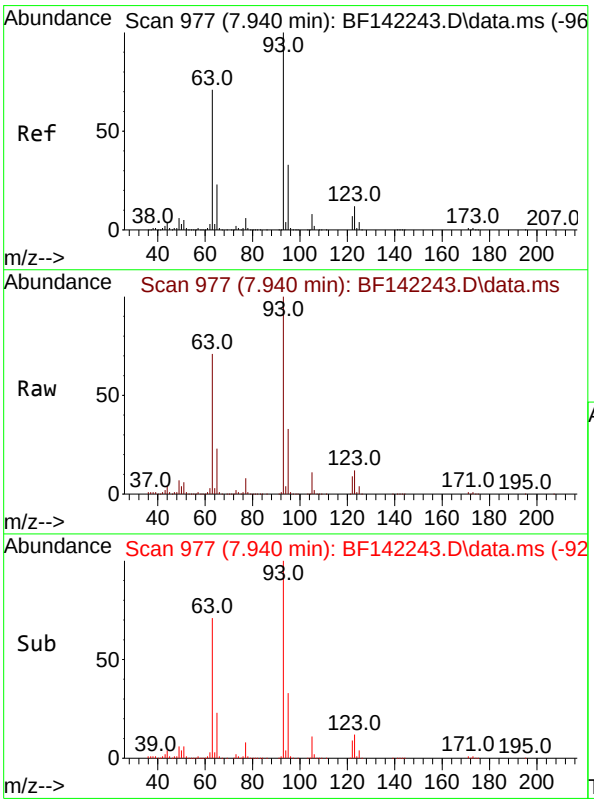
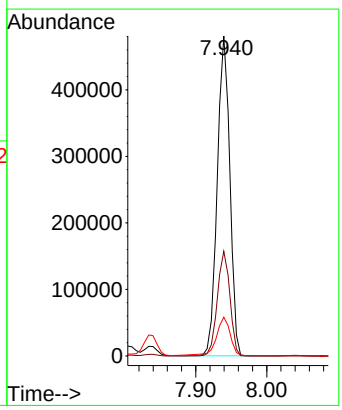
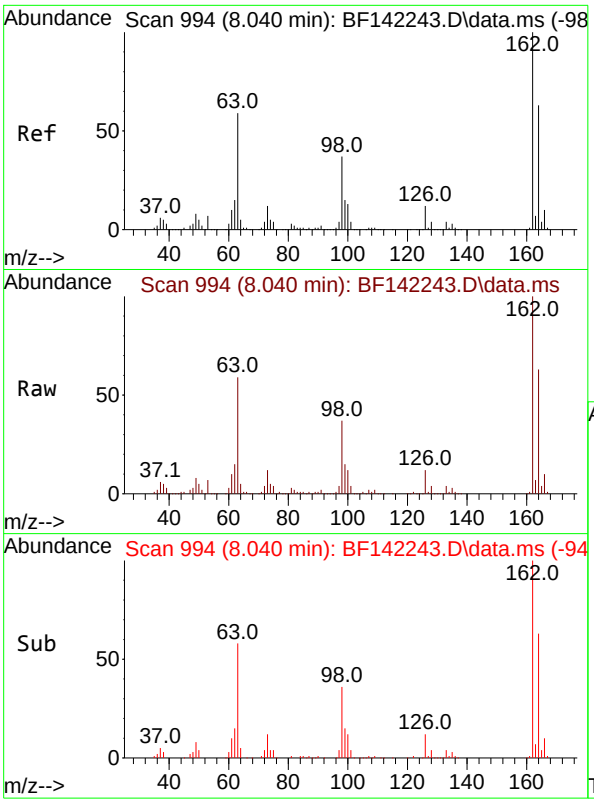


#28
bis(2-Chloroethoxy)methane
Concen: 41.247 ng
RT: 7.940 min Scan# 977
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion: 93 Resp: 586887

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.2
123	12.1	9.7	14.5





#29
2,4-Dichlorophenol
Concen: 43.163 ng
RT: 8.040 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:162 Resp: 41048

Ion	Ratio	Lower	Upper
162	100		
164	63.0	43.0	83.0
98	36.7	16.7	56.7

Instrument :
BNA_F
ClientSampleId :
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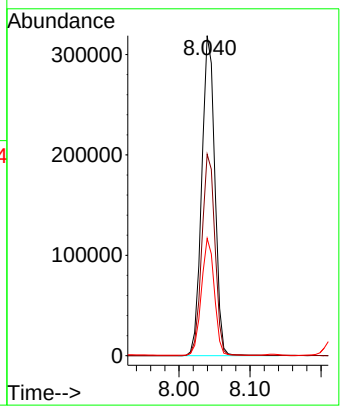
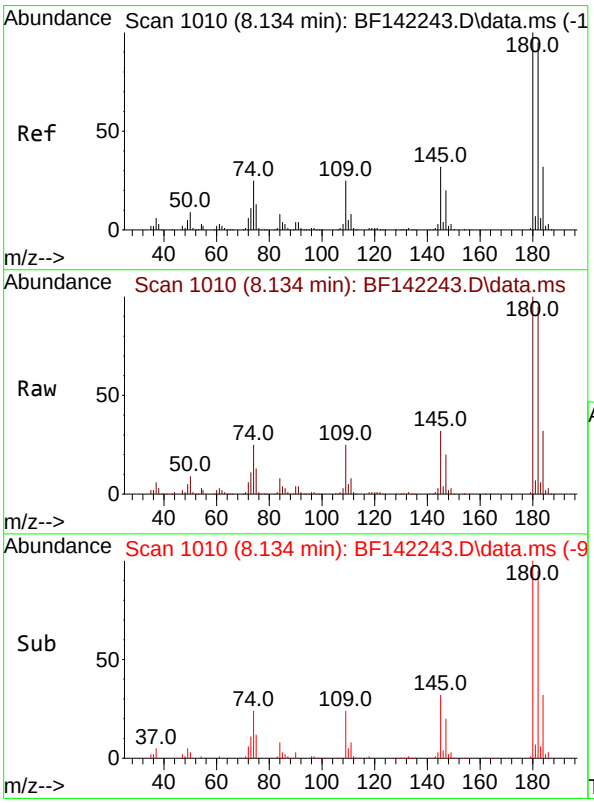
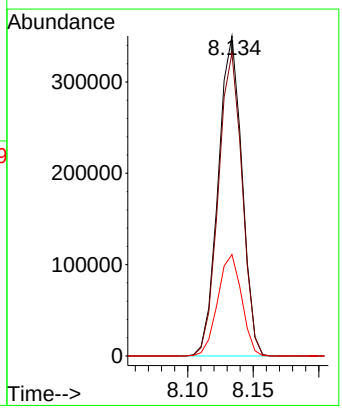


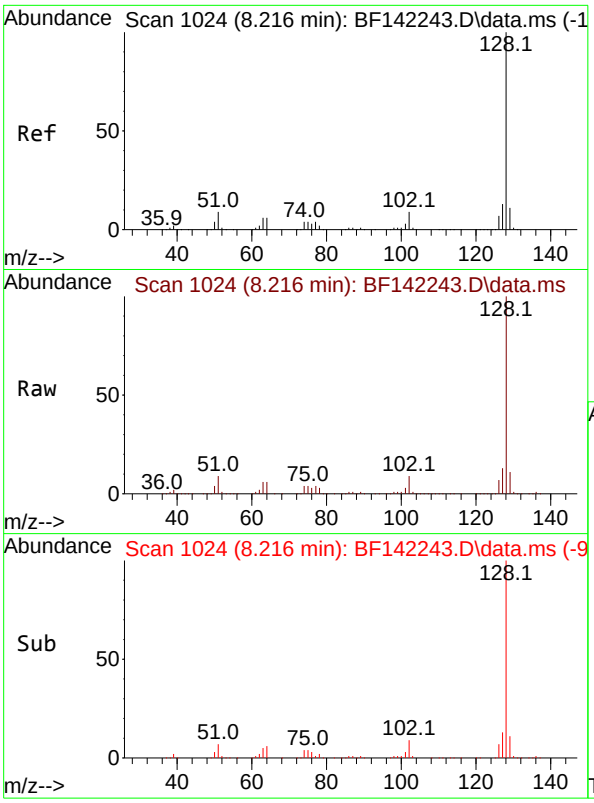


#30
1,2,4-Trichlorobenzene
Concen: 41.539 ng
RT: 8.134 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:180 Resp: 440825

Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.7	113.5
145	31.7	25.4	38.0

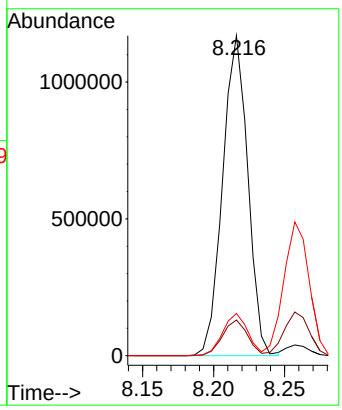




#31
Naphthalene
Concen: 40.920 ng
RT: 8.216 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:128 Resp: 144124(

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.2	10.6	15.8



Instrument :
BNA_F
ClientSampleId :
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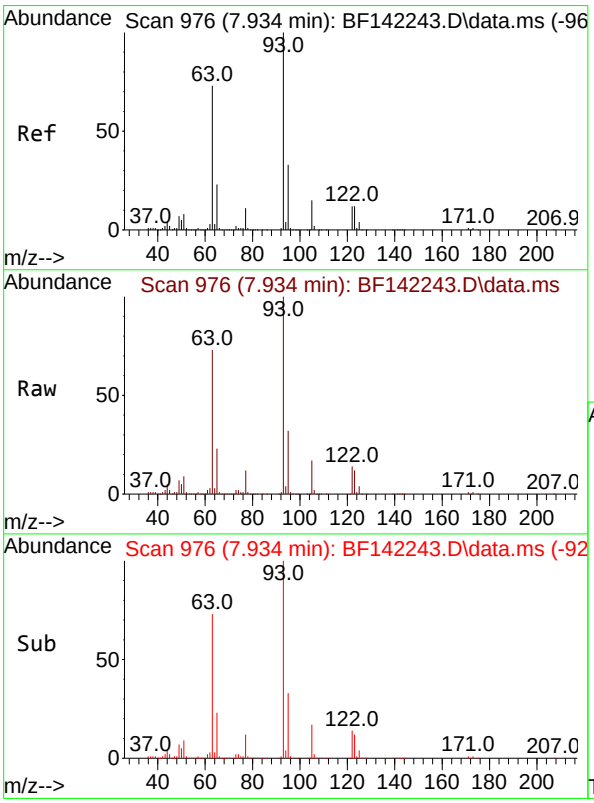
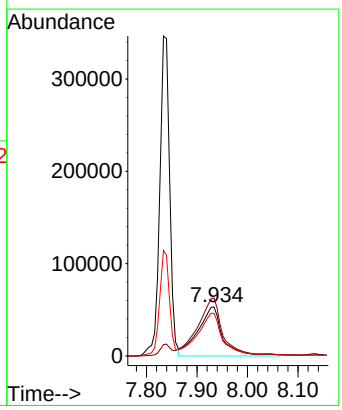
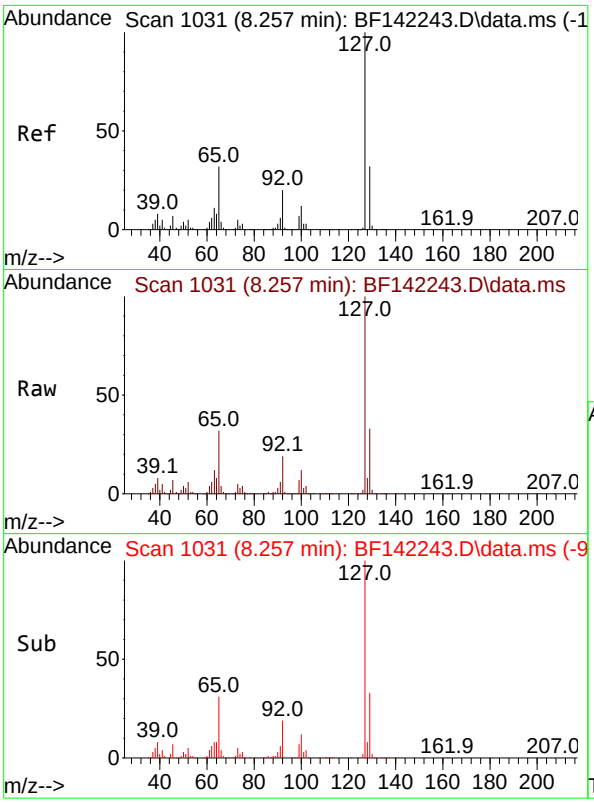


#32
Benzoic acid
Concen: 37.083 ng m
RT: 7.934 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:122 Resp: 184052

Ion	Ratio	Lower	Upper
122	100		
105	118.2	98.2	138.2
77	86.8	66.8	106.8

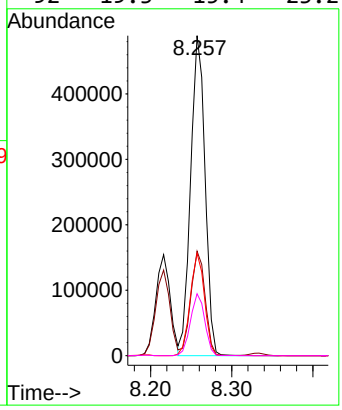




#33
4-Chloroaniline
Concen: 41.328 ng
RT: 8.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:127 Resp: 60613

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	31.9	25.5	38.3
92	19.3	15.4	23.2



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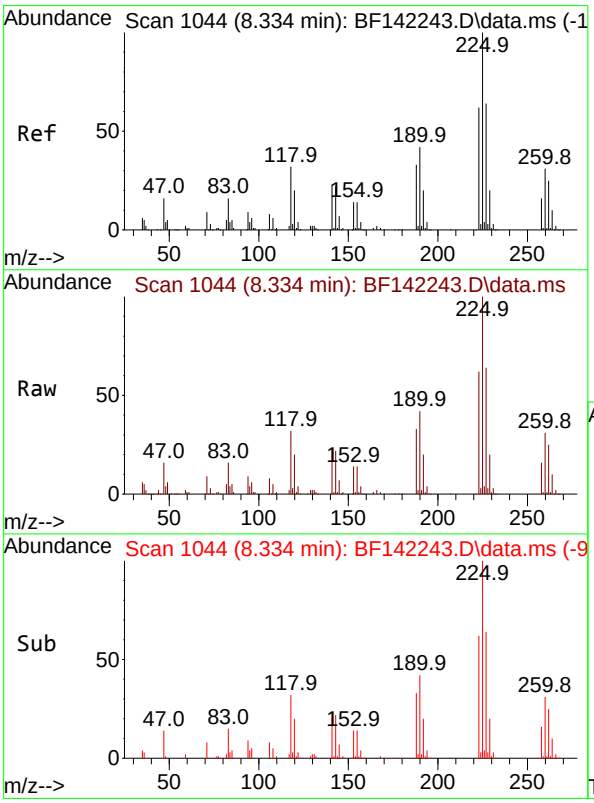
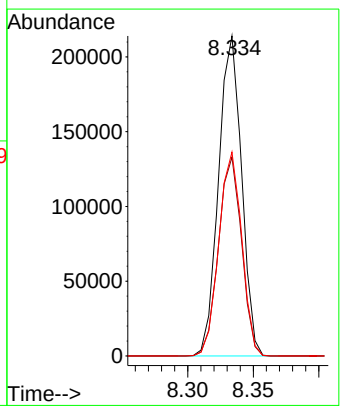
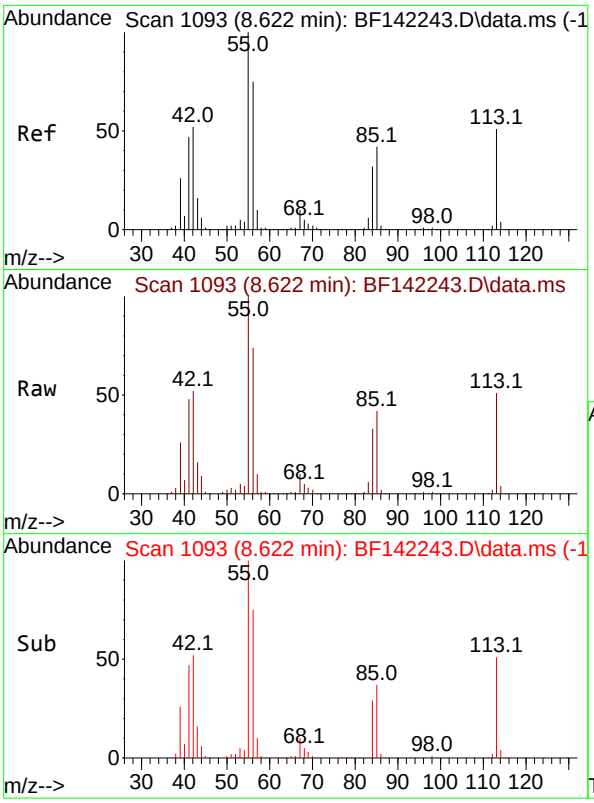


#34
Hexachlorobutadiene
Concen: 42.125 ng
RT: 8.334 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:225 Resp: 260821

Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.7	74.5
227	63.7	51.0	76.4

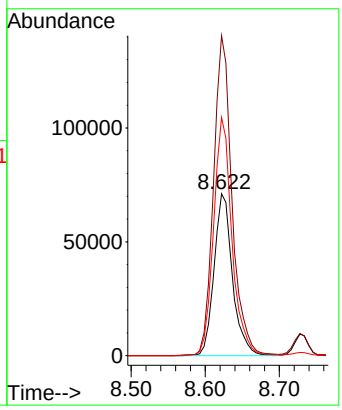




#35
Caprolactam
Concen: 42.889 ng
RT: 8.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:113 Resp: 12259

Ion	Ratio	Lower	Upper
113	100		
55	197.7	177.7	217.7
56	147.1	127.1	167.1



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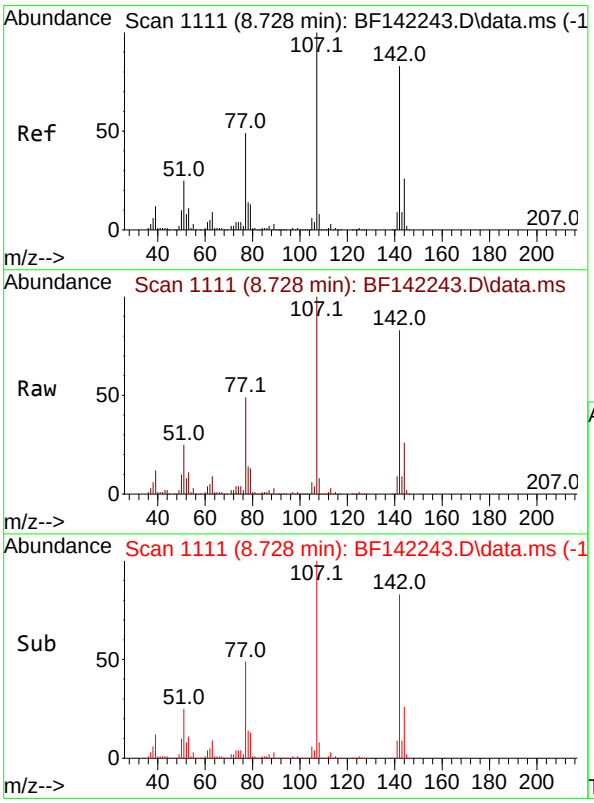
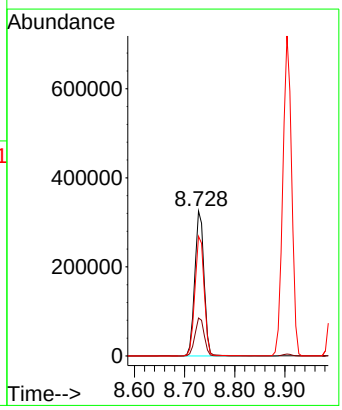
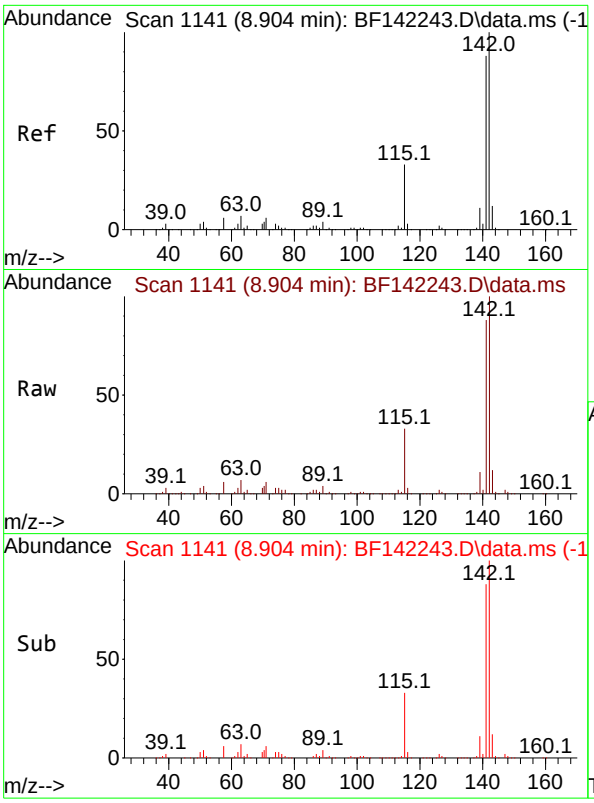


#36
4-Chloro-3-methylphenol
Concen: 42.715 ng
RT: 8.728 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:107 Resp: 417126

Ion	Ratio	Lower	Upper
107	100		
144	26.2	21.0	31.4
142	82.6	66.1	99.1

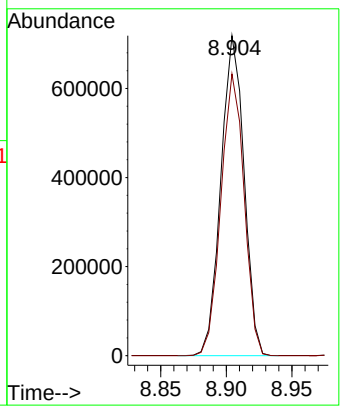




#37
2-Methylnaphthalene
Concen: 40.652 ng
RT: 8.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:142 Resp: 88031

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.5	105.7



Instrument :
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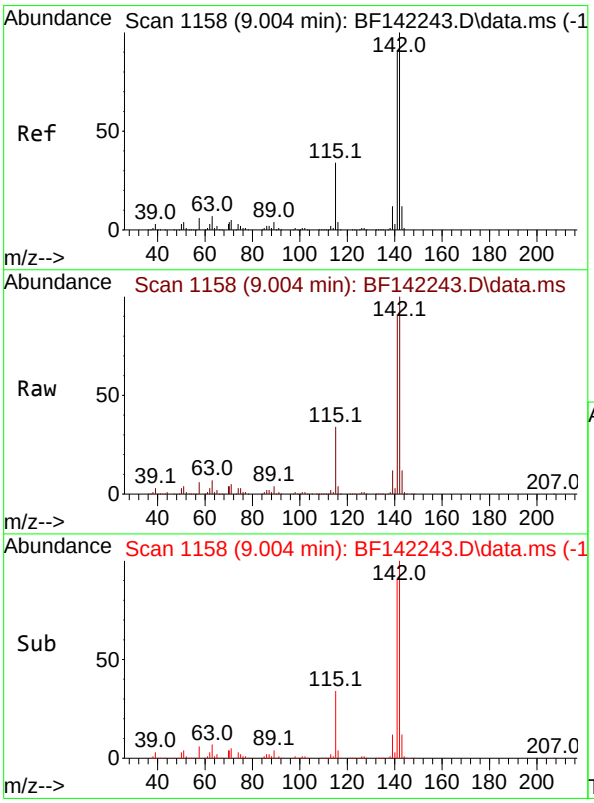
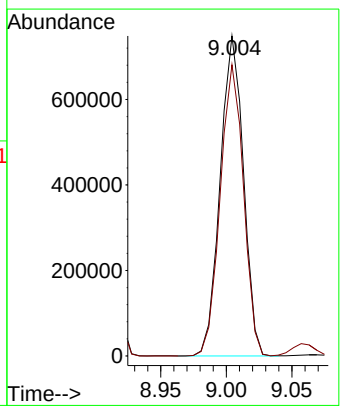
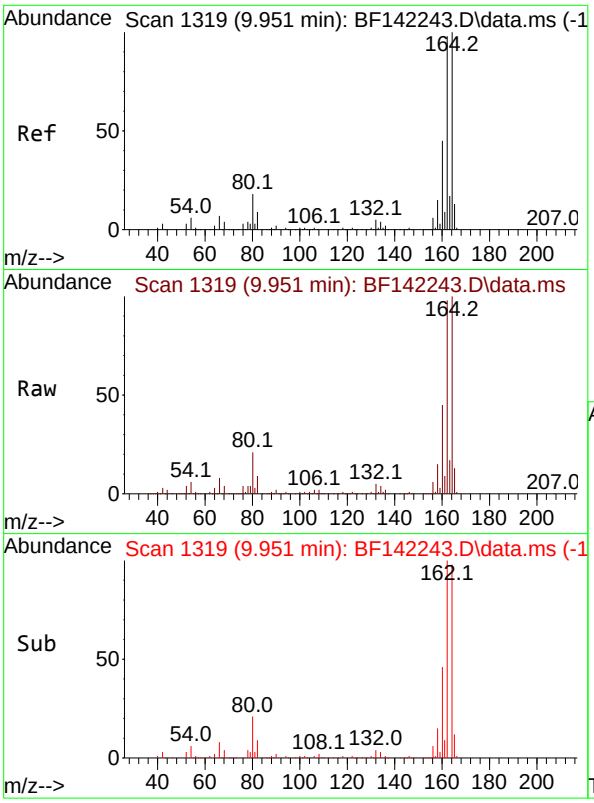


#38
1-Methylnaphthalene
Concen: 41.054 ng
RT: 9.004 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:142 Resp: 920983

Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.8	109.2

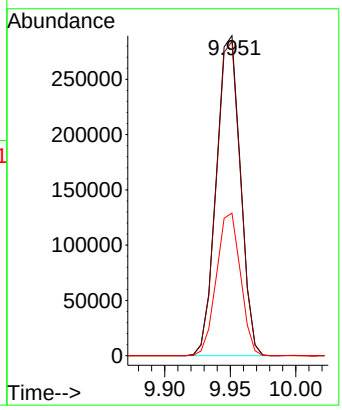




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:164 Resp: 370869

Ion	Ratio	Lower	Upper
164	100		
162	98.2	78.6	117.8
160	44.6	35.7	53.5



Instrument :
BNA_F
ClientSampleId :
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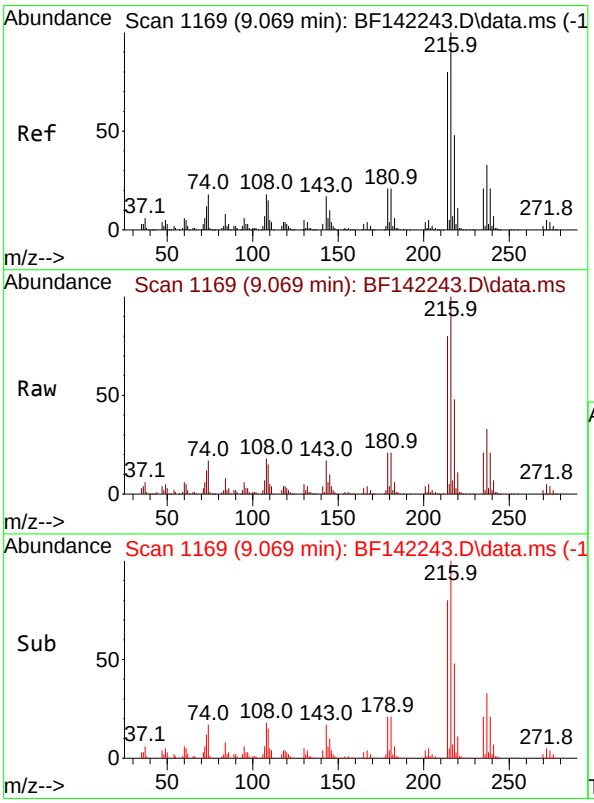
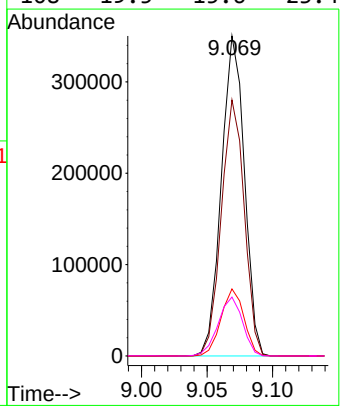
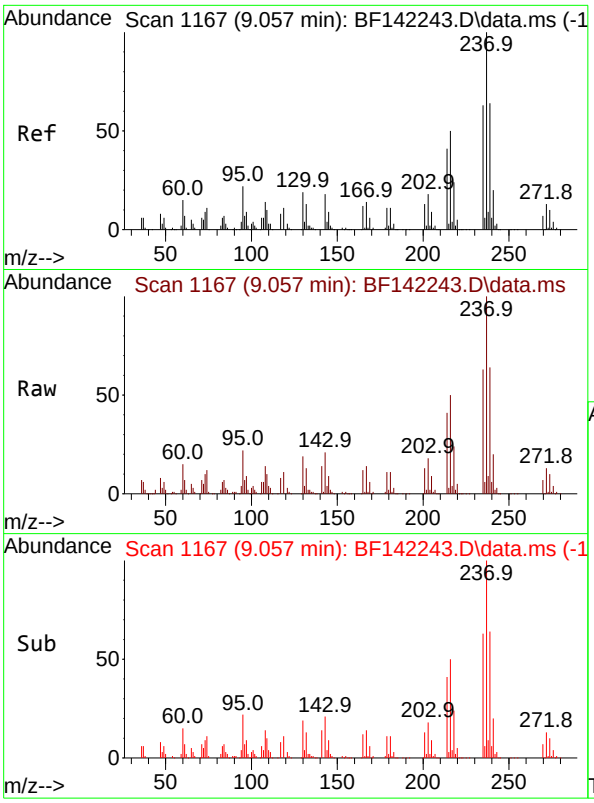


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.938 ng
RT: 9.069 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:216 Resp: 427286

Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.8	95.6
179	20.9	16.7	25.1
108	19.5	15.6	23.4

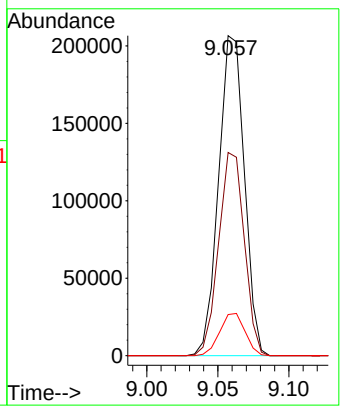




#41
Hexachlorocyclopentadiene
Concen: 44.056 ng
RT: 9.057 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:237 Resp: 26097

Ion	Ratio	Lower	Upper
237	100		
235	63.5	43.5	83.5
272	12.9	0.0	32.9



Instrument :
BNA_F
ClientSampleId :
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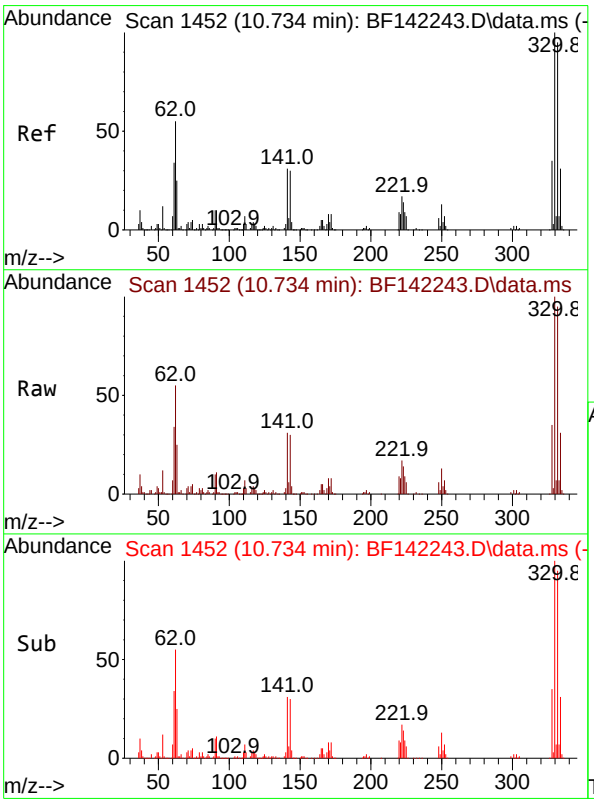
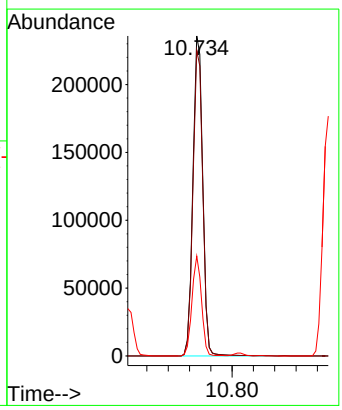
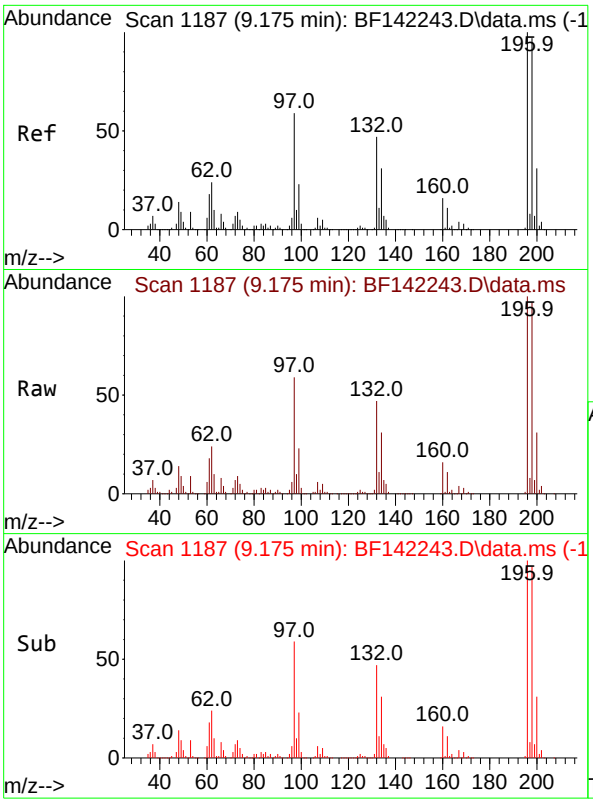


#42
2,4,6-Tribromophenol
Concen: 89.389 ng
RT: 10.734 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:330 Resp: 302223

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.5	114.7
141	30.4	24.3	36.5

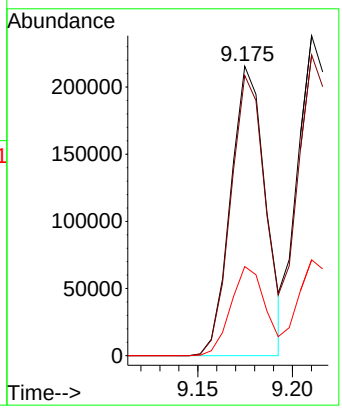




#43
2,4,6-Trichlorophenol
Concen: 42.450 ng
RT: 9.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:196 Resp: 27455

Ion	Ratio	Lower	Upper
196	100		
198	96.8	77.4	116.2
200	30.8	24.6	37.0



Instrument :
BNA_F
ClientSampleId :
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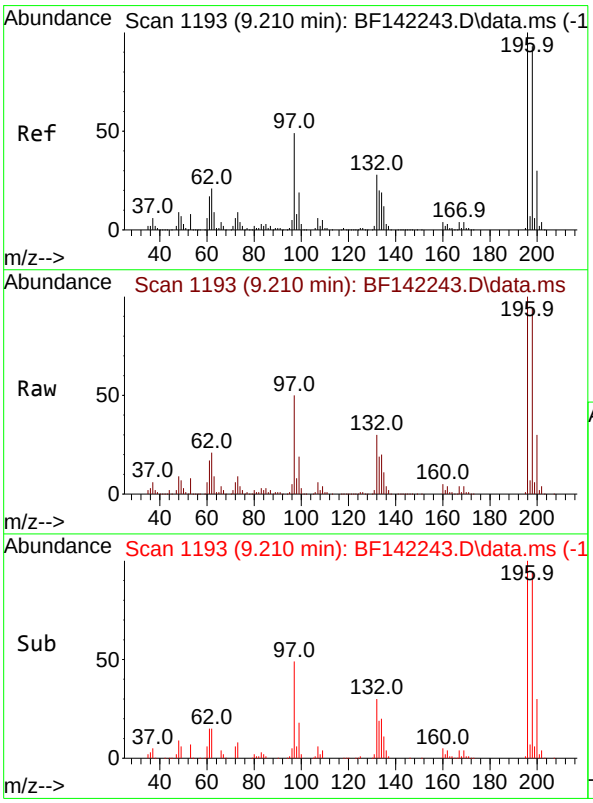
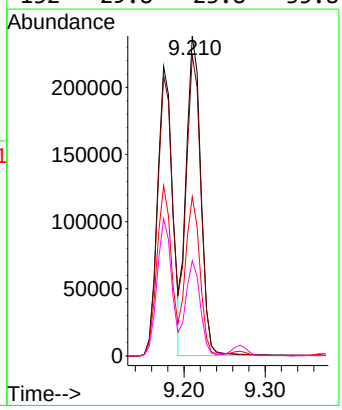
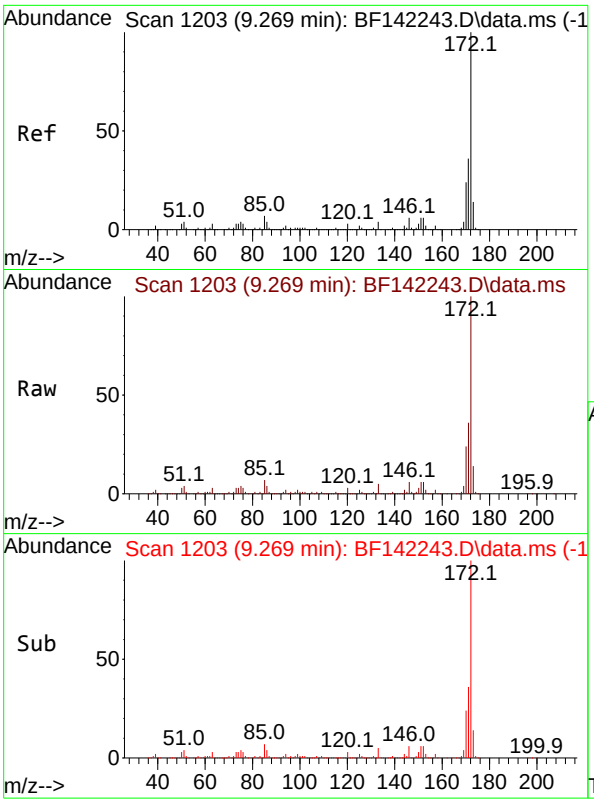


#44
2,4,5-Trichlorophenol
Concen: 44.113 ng
RT: 9.210 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:196 Resp: 299967

Ion	Ratio	Lower	Upper
196	100		
198	94.0	75.2	112.8
97	49.8	39.8	59.8
132	29.8	23.8	35.8

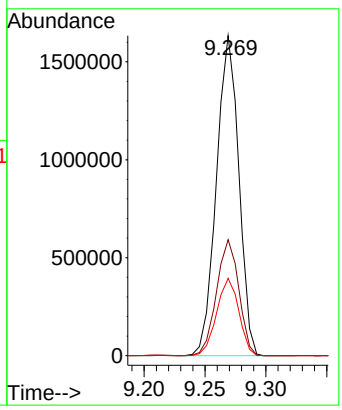




#45
2-Fluorobiphenyl
Concen: 79.446 ng
RT: 9.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:172 Resp: 208970

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.2	19.4	29.0



Instrument :
BNA_F
ClientSampleId :
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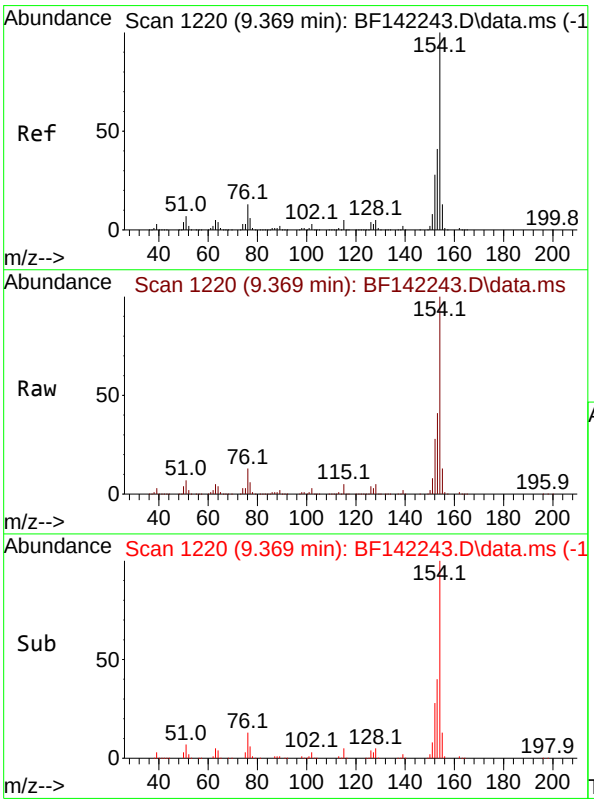
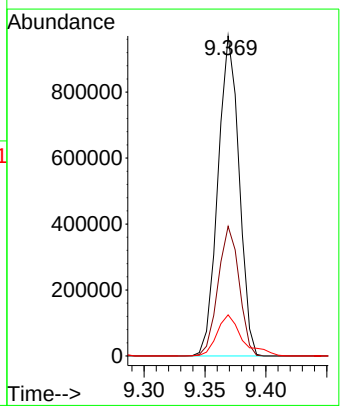
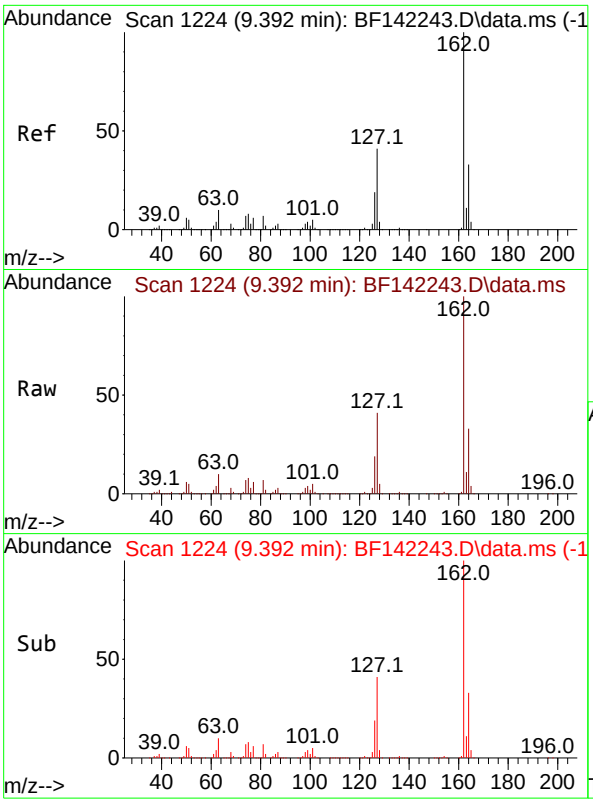


#46
1,1'-Biphenyl
Concen: 40.664 ng
RT: 9.369 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:154 Resp: 1172400

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.5	60.5
76	12.8	0.0	32.8

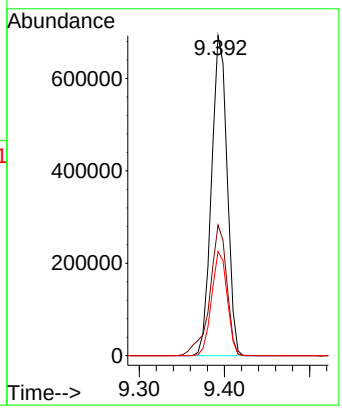




#47
2-Chloronaphthalene
Concen: 40.984 ng
RT: 9.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:162 Resp: 87915

Ion	Ratio	Lower	Upper
162	100		
127	40.8	32.6	49.0
164	32.6	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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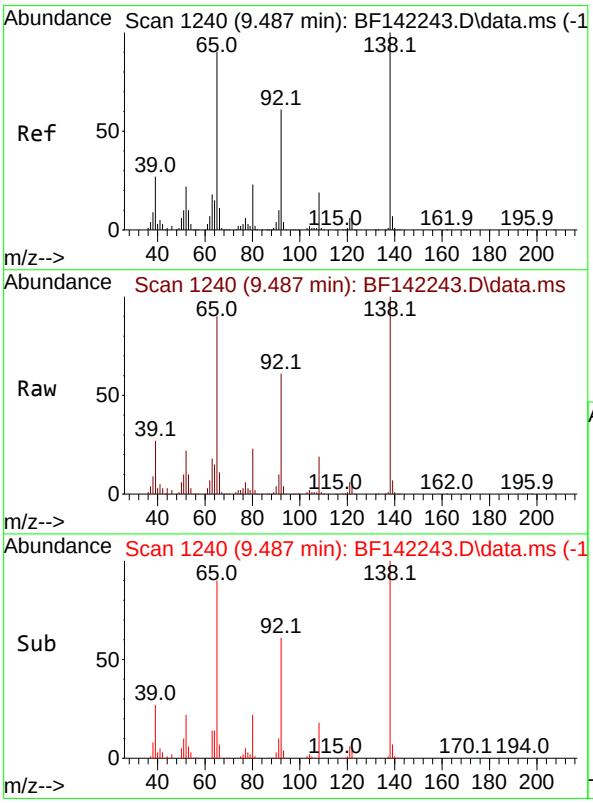
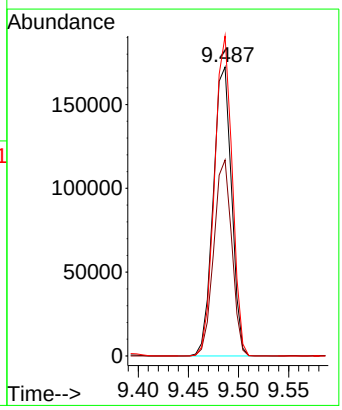
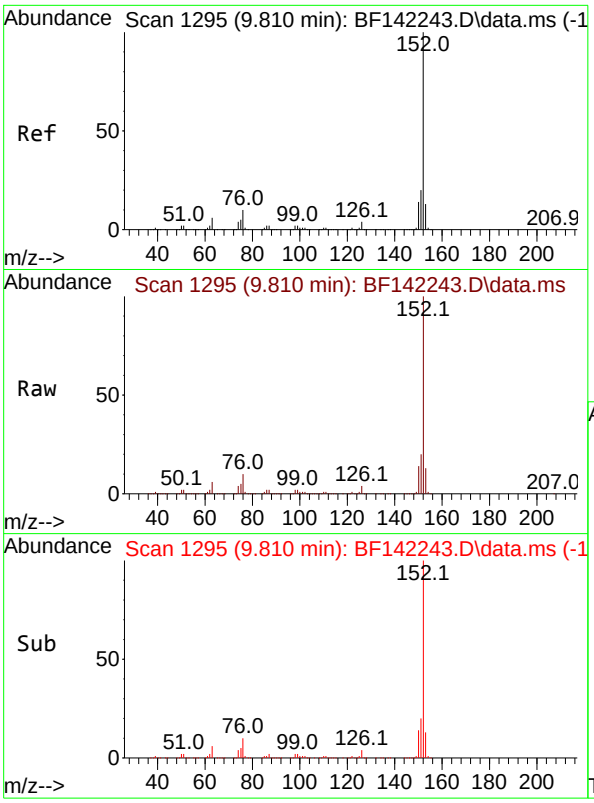


#48
2-Nitroaniline
Concen: 39.600 ng
RT: 9.487 min Scan# 1240
Delta R.T. -0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion: 65 Resp: 218766

Ion	Ratio	Lower	Upper
65	100		
92	67.9	54.3	81.5
138	110.8	88.6	133.0

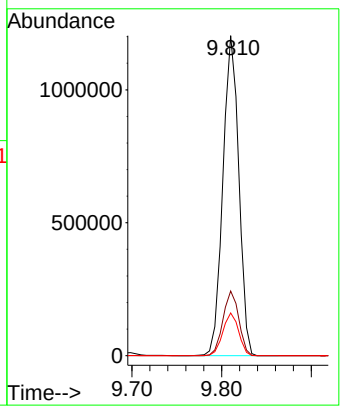




#49
Acenaphthylene
Concen: 40.929 ng
RT: 9.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:152 Resp: 148154

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.4	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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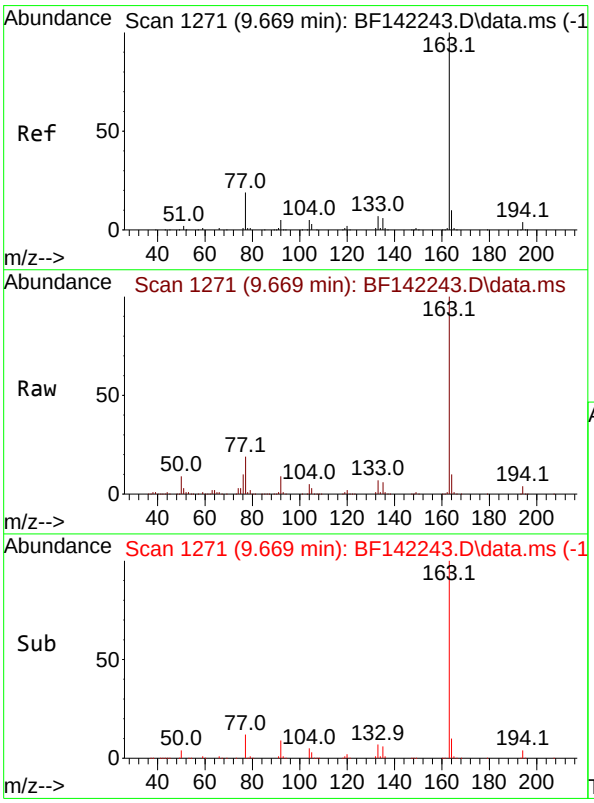
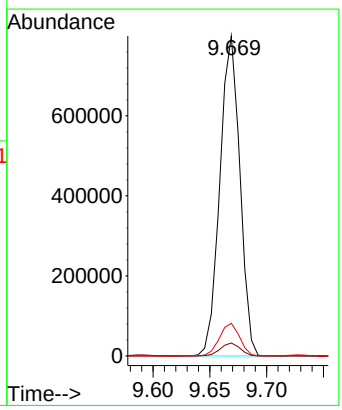
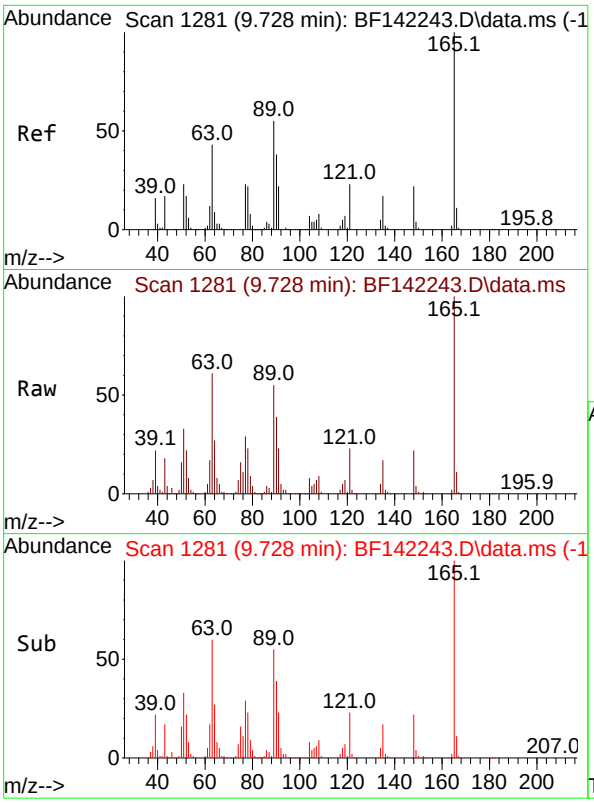


#50
Dimethylphthalate
Concen: 41.312 ng
RT: 9.669 min Scan# 1271
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:163 Resp: 980172

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.2	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 40.034 ng
RT: 9.728 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:165 Resp: 17886

Ion	Ratio	Lower	Upper
165	100		
63	60.6	48.5	72.7
89	54.9	43.9	65.9

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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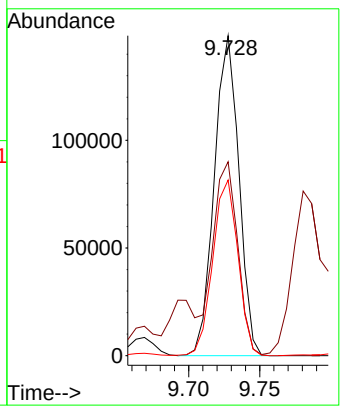
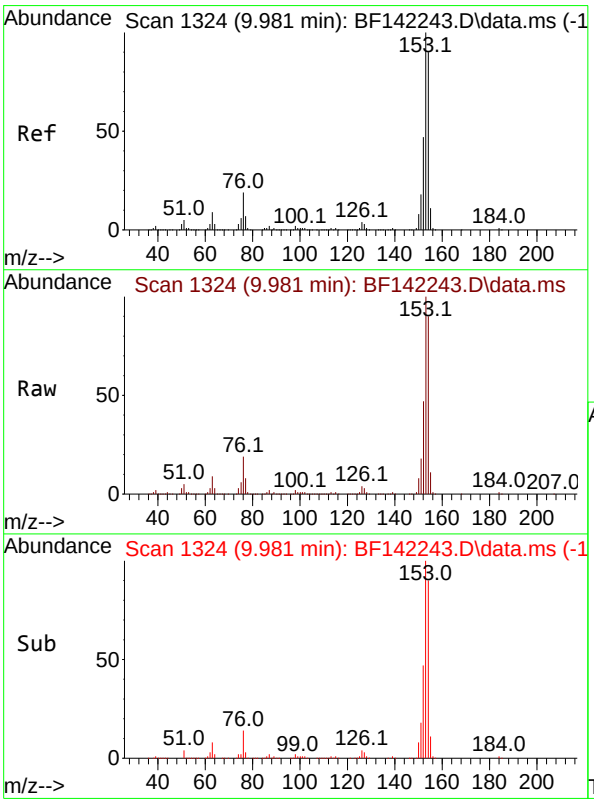
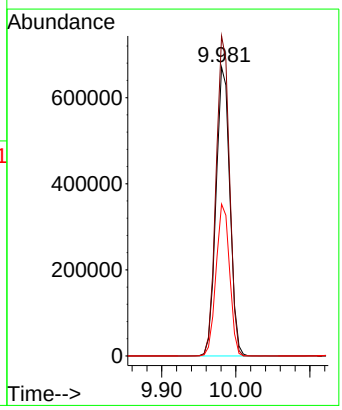


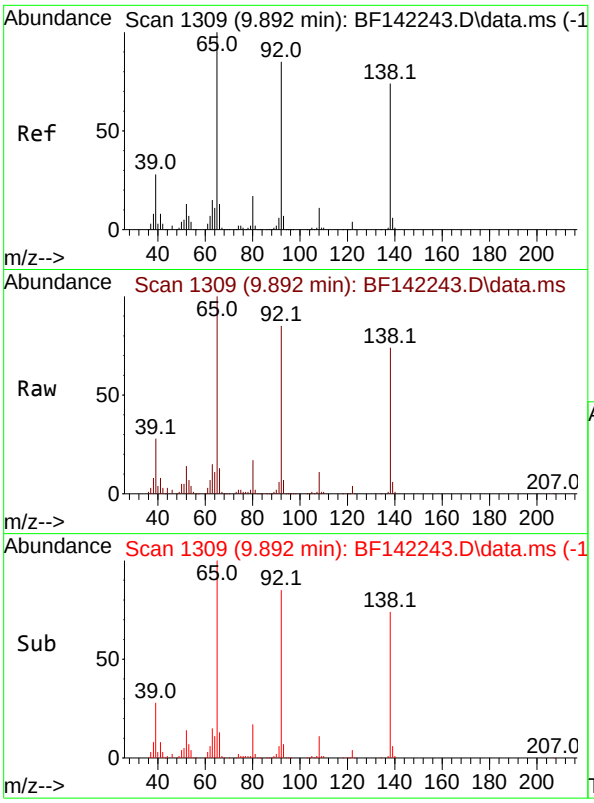


#52
Acenaphthene
Concen: 41.145 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:154 Resp: 869604

Ion	Ratio	Lower	Upper
154	100		
153	110.8	88.6	133.0
152	52.6	42.1	63.1

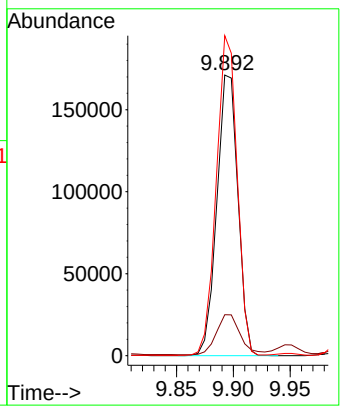




#53
3-Nitroaniline
Concen: 40.485 ng
RT: 9.892 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:138 Resp: 22116

Ion	Ratio	Lower	Upper
138	100		
108	14.6	11.7	17.5
92	114.0	91.2	136.8



Instrument :
BNA_F
ClientSampleId :
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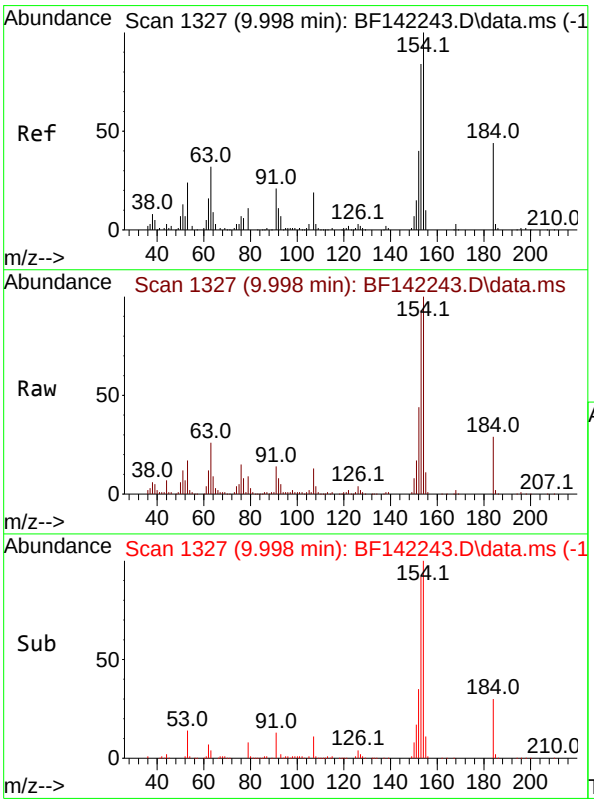
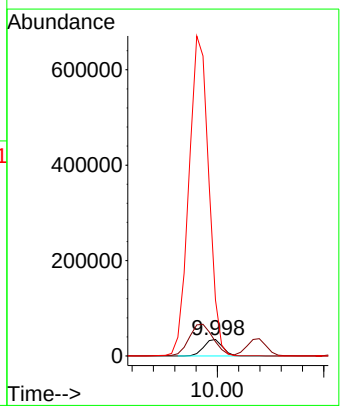
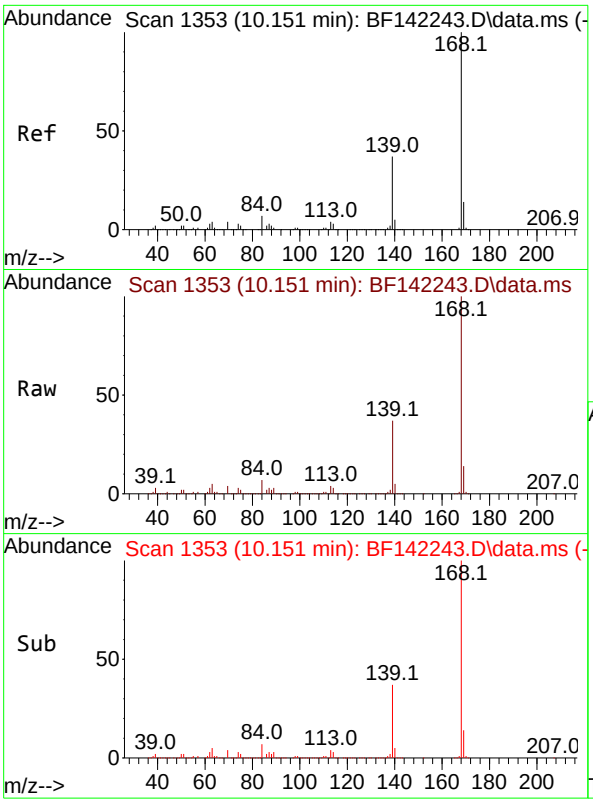


#54
2,4-Dinitrophenol
Concen: 38.466 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:184 Resp: 42260

Ion	Ratio	Lower	Upper
184	100		
63	86.5	69.2	103.8
154	339.3	271.4	407.2

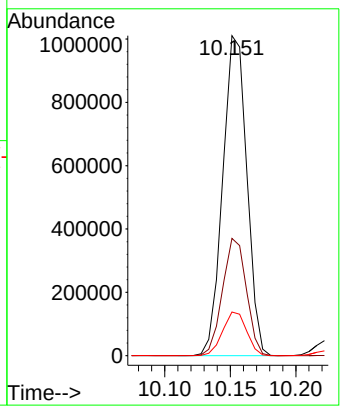




#55
Dibenzofuran
Concen: 40.813 ng
RT: 10.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:168 Resp: 129303

Ion	Ratio	Lower	Upper
168	100		
139	36.7	29.4	44.0
169	13.7	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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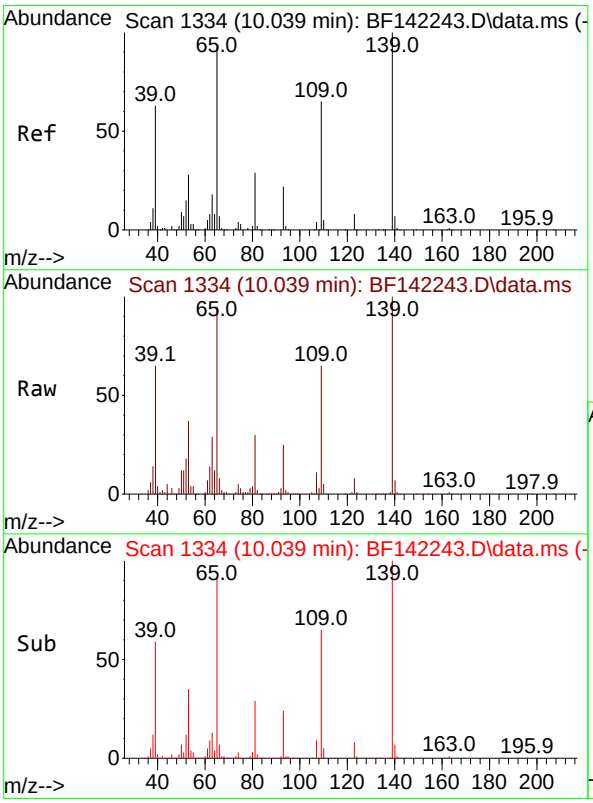
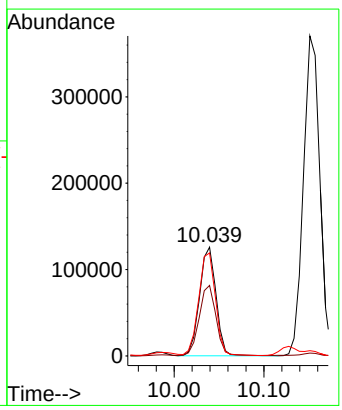
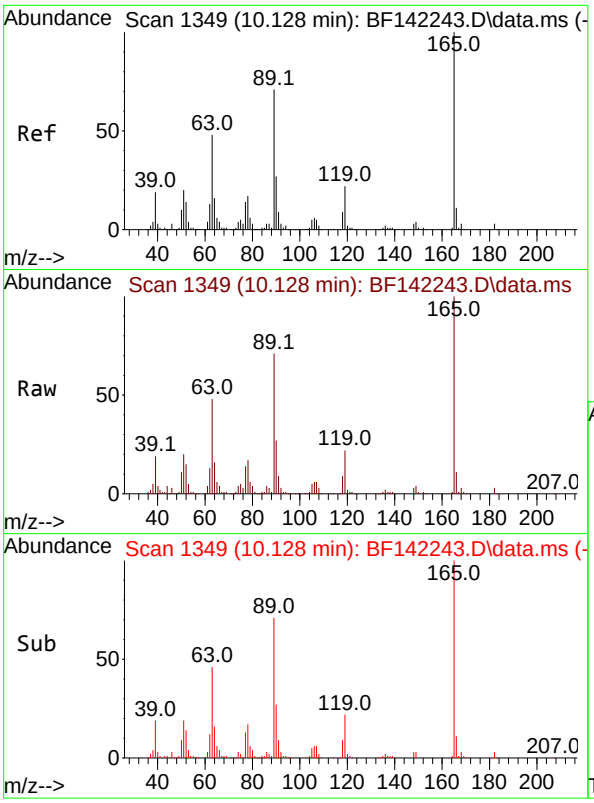


#56
4-Nitrophenol
Concen: 42.900 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:139 Resp: 159989

Ion	Ratio	Lower	Upper
139	100		
109	64.9	44.9	84.9
65	94.7	74.7	114.7

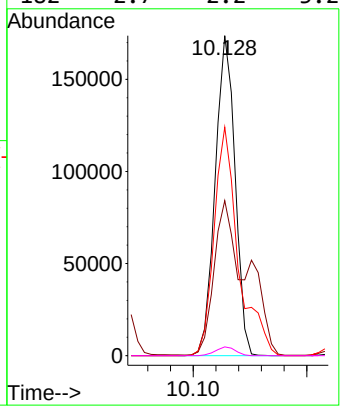




#57
2,4-Dinitrotoluene
Concen: 39.352 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:165 Resp: 21121

Ion	Ratio	Lower	Upper
165	100		
63	48.5	38.8	58.2
89	71.4	57.1	85.7
182	2.7	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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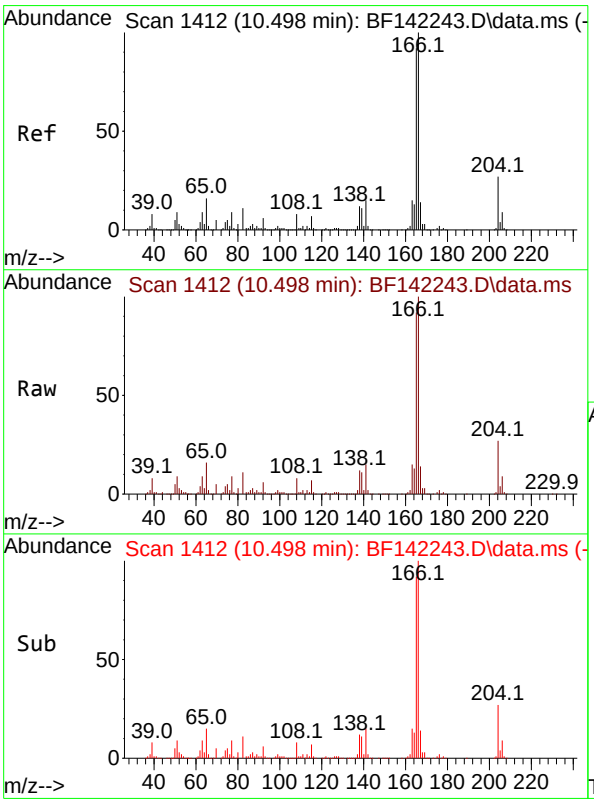
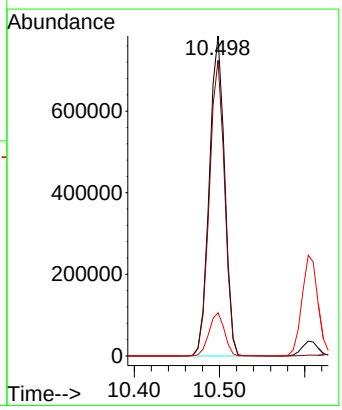
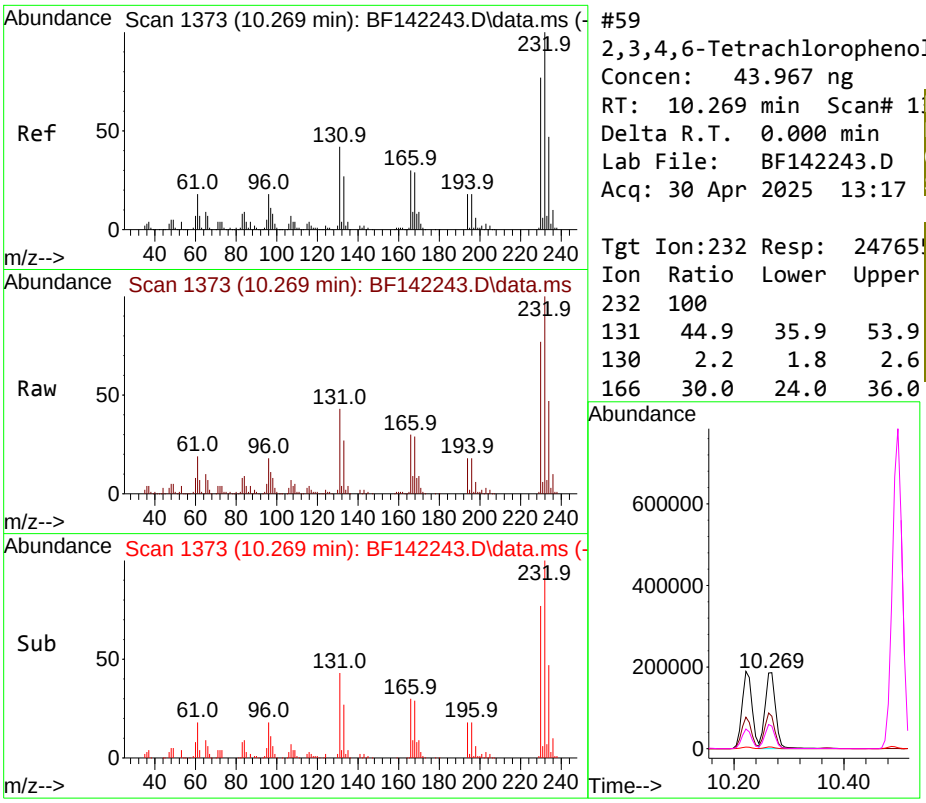


#58
Fluorene
Concen: 40.554 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:166 Resp: 976948

Ion	Ratio	Lower	Upper
166	100		
165	92.4	73.9	110.9
167	13.5	10.8	16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.967 ng
RT: 10.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:232 Resp: 24765

Ion	Ratio	Lower	Upper
232	100		
131	44.9	35.9	53.9
130	2.2	1.8	2.6
166	30.0	24.0	36.0

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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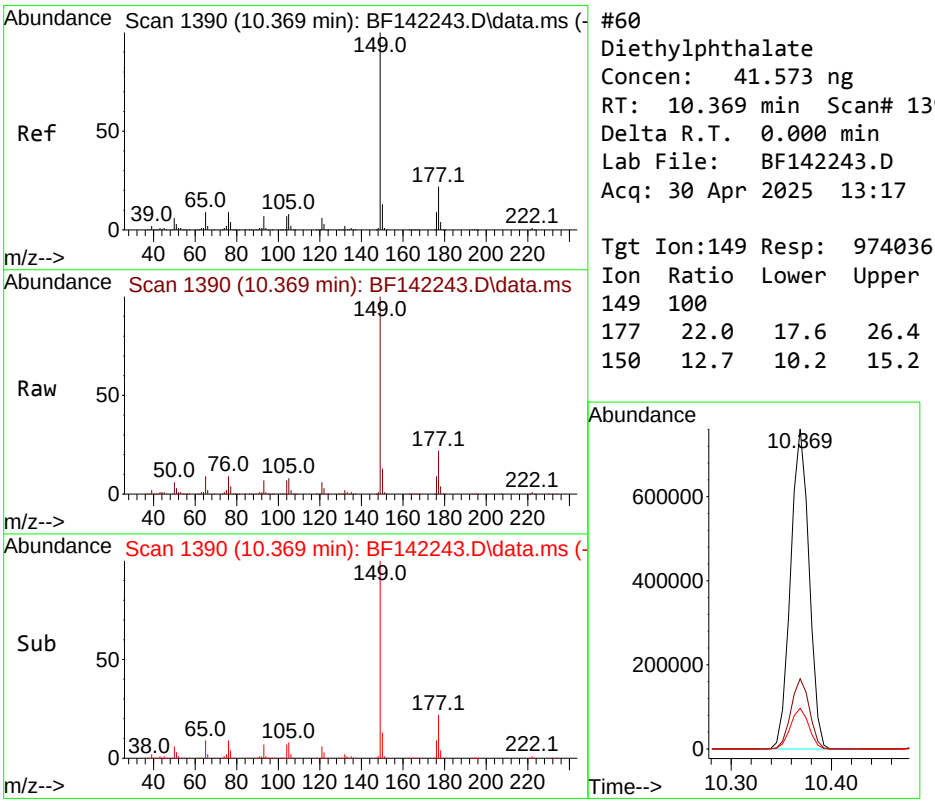
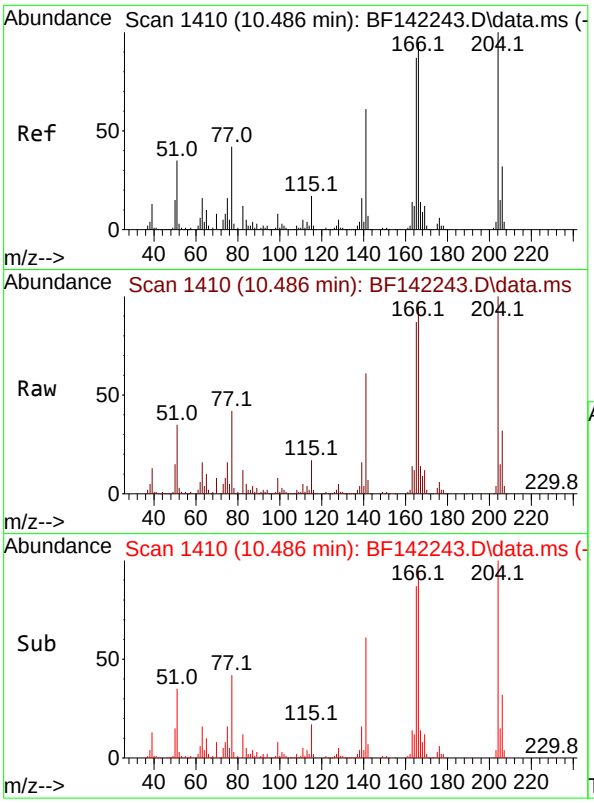


#60
Diethylphthalate
Concen: 41.573 ng
RT: 10.369 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:149 Resp: 974036

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.6	26.4
150	12.7	10.2	15.2



#61
4-Chlorophenyl-phenylether
Concen: 40.986 ng
RT: 10.486 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 46889

Ion	Ratio	Lower	Upper
204	100		
206	32.0	25.6	38.4
141	61.1	48.9	73.3

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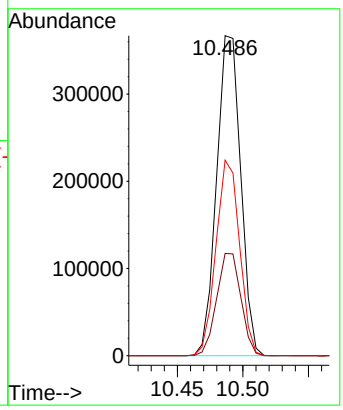
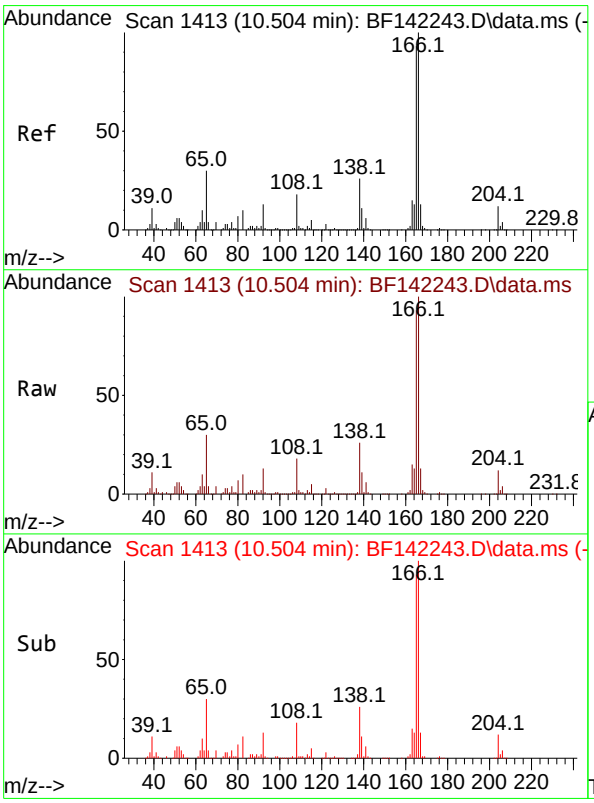
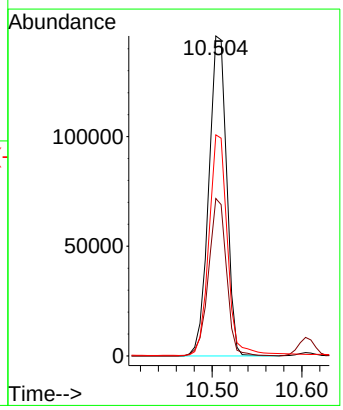


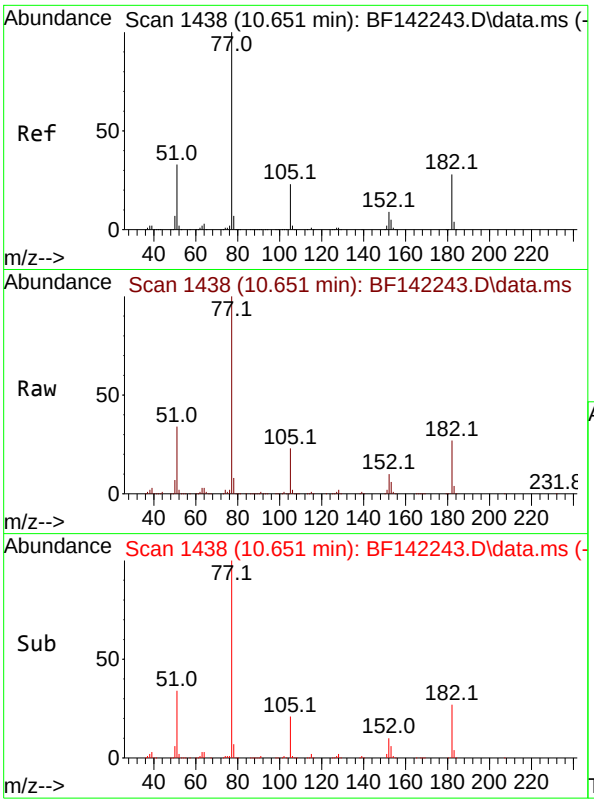


#62
4-Nitroaniline
Concen: 40.498 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:138 Resp: 201491

Ion	Ratio	Lower	Upper
138	100		
92	49.2	29.2	69.2
108	69.1	49.1	89.1





#63
Azobenzene
Concen: 40.994 ng
RT: 10.651 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 94844

Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.3	47.3
105	22.5	2.5	42.5
51	34.4	14.4	54.4

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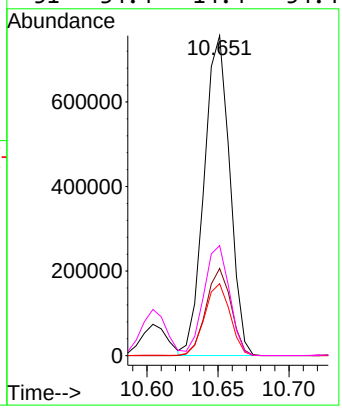
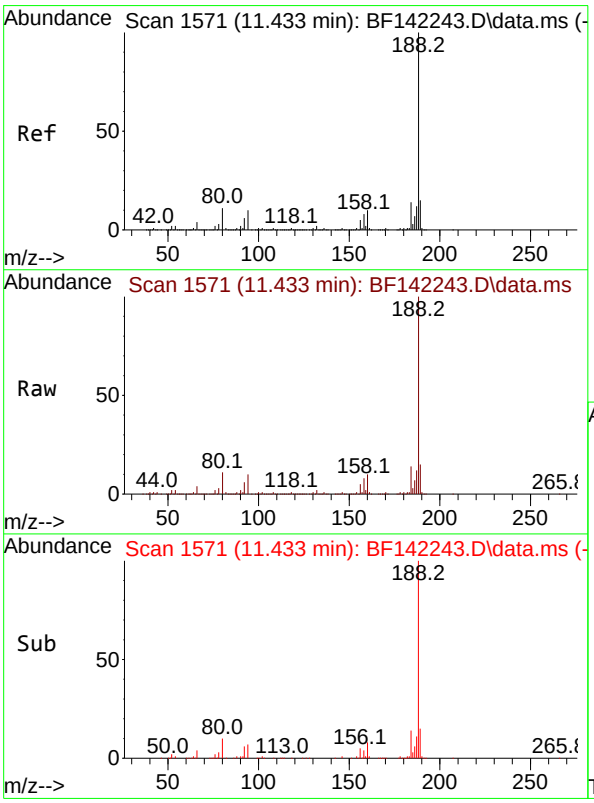
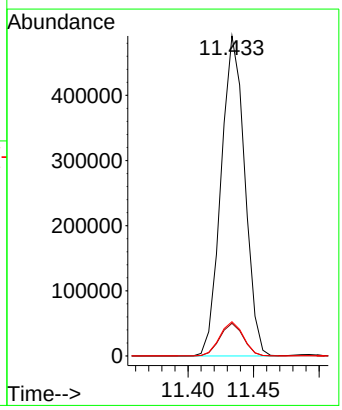


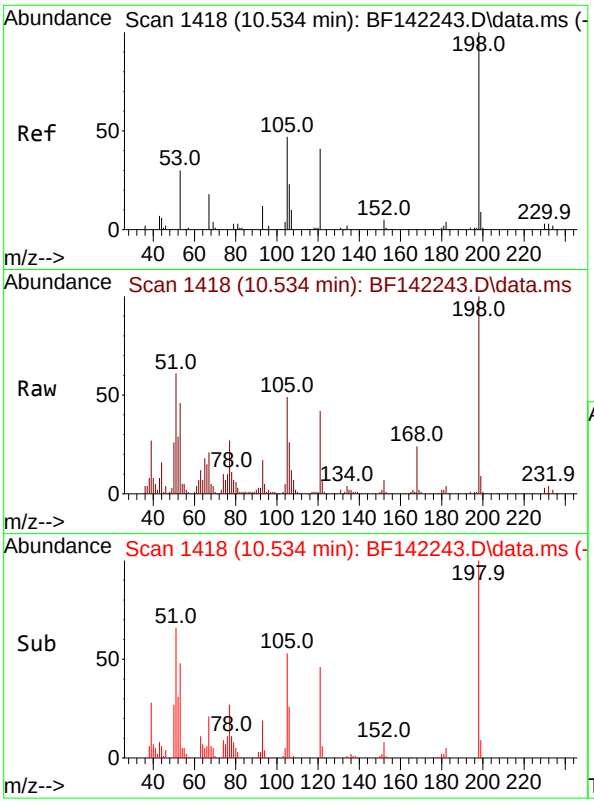


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:188 Resp: 616408

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.2
80	10.7	8.6	12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 36.574 ng
RT: 10.534 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:198 Resp: 6767

Ion	Ratio	Lower	Upper
198	100		
51	60.6	40.6	80.6
105	49.2	29.2	69.2

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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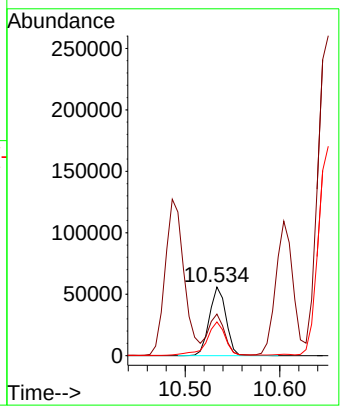
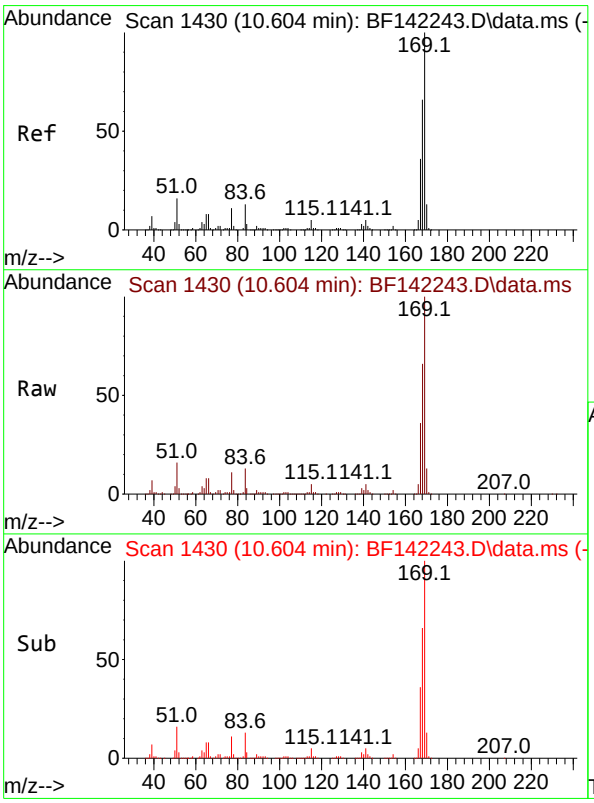
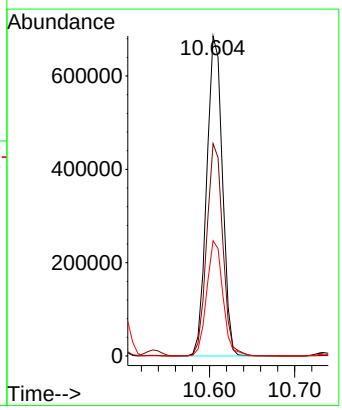


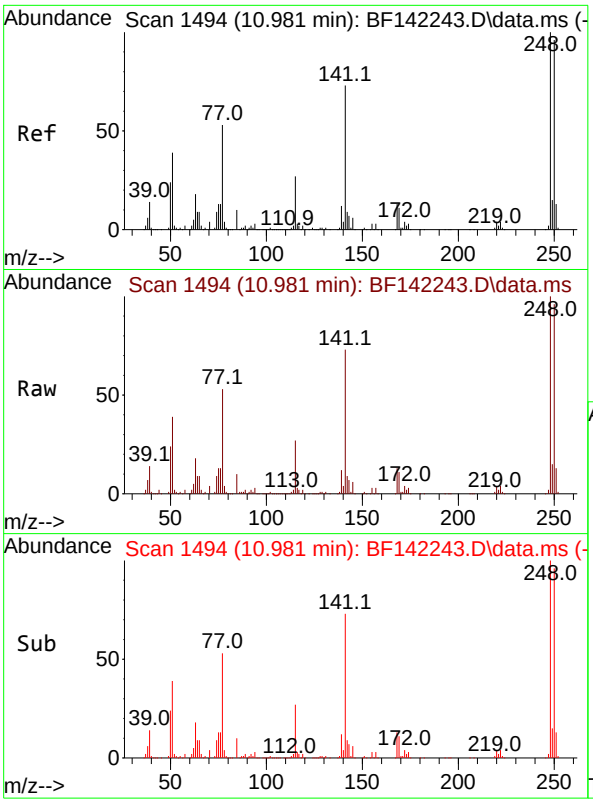


#66
n-Nitrosodiphenylamine
Concen: 41.656 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:169 Resp: 877338

Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.0	79.6
167	36.0	28.8	43.2

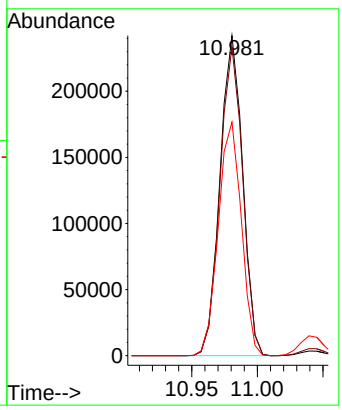




#67
4-Bromophenyl-phenylether
Concen: 42.400 ng
RT: 10.981 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:248 Resp: 29106

Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.2	115.8
141	73.0	58.4	87.6



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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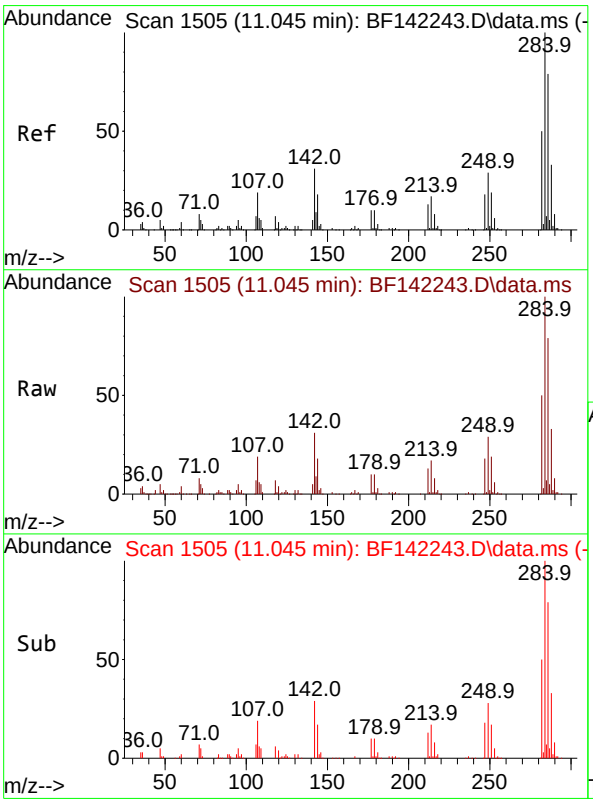
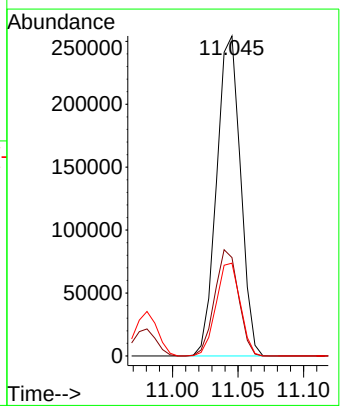
Supervised By :Jagrut Upadhyay 05/01/2025

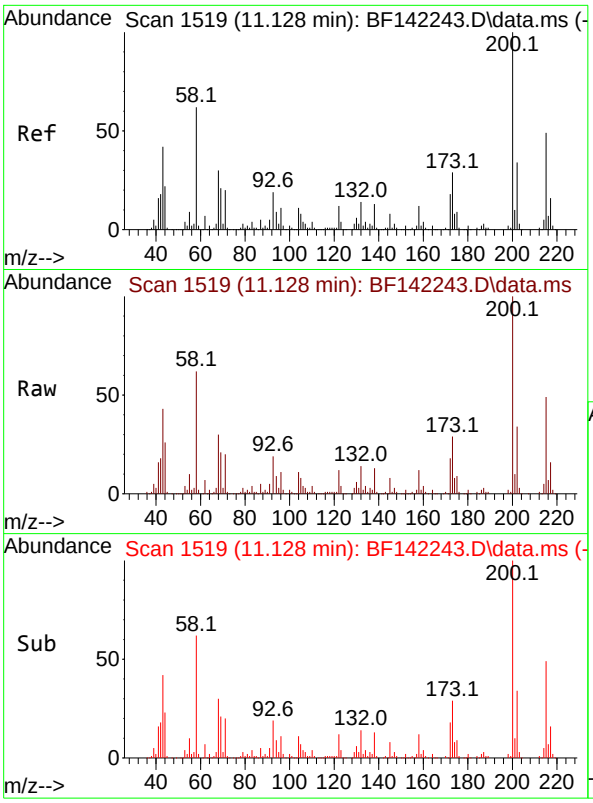


#68
Hexachlorobenzene
Concen: 41.809 ng
RT: 11.045 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:284 Resp: 321448

Ion	Ratio	Lower	Upper
284	100		
142	30.8	24.6	37.0
249	29.0	23.2	34.8

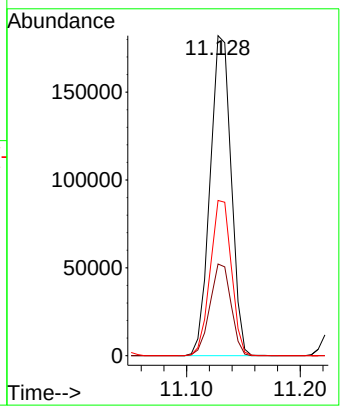




#69
Atrazine
Concen: 42.299 ng
RT: 11.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:200 Resp: 23482

Ion	Ratio	Lower	Upper
200	100		
173	28.6	8.6	48.6
215	48.5	28.5	68.5



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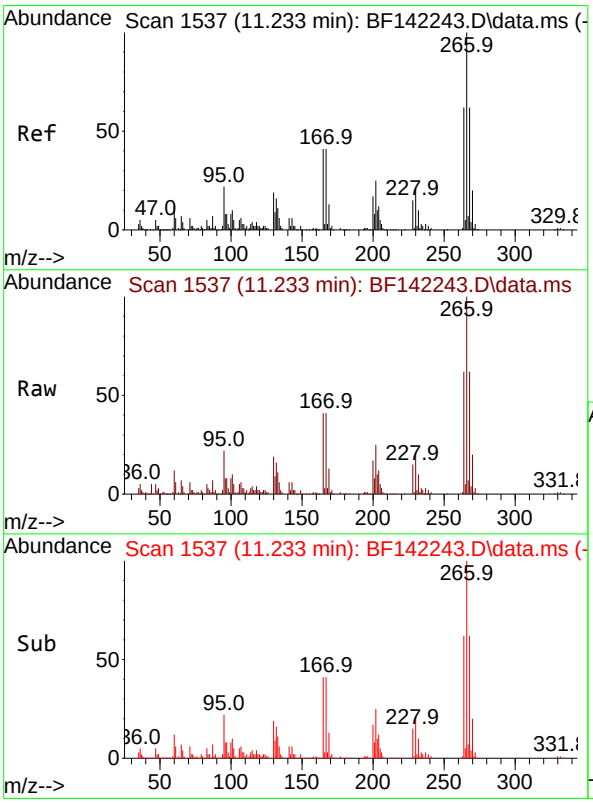
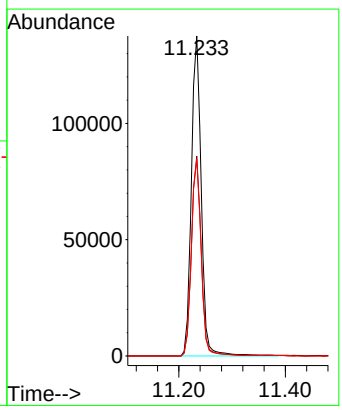
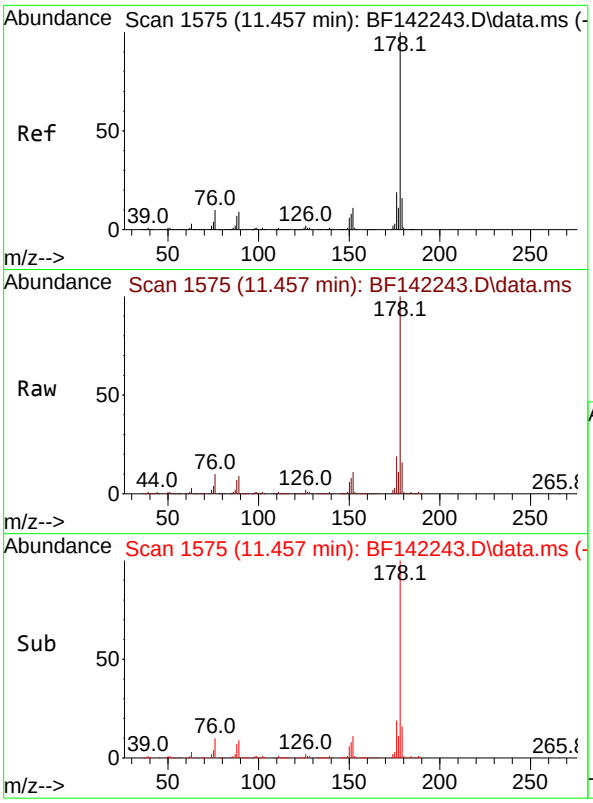


#70
Pentachlorophenol
Concen: 43.764 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:266 Resp: 177755

Ion	Ratio	Lower	Upper
266	100		
268	62.5	50.0	75.0
264	61.6	49.3	73.9

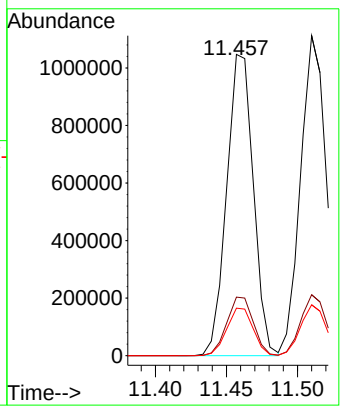




#71
Phenanthrene
Concen: 41.176 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:178 Resp: 137100

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.8	12.6	19.0



Instrument :
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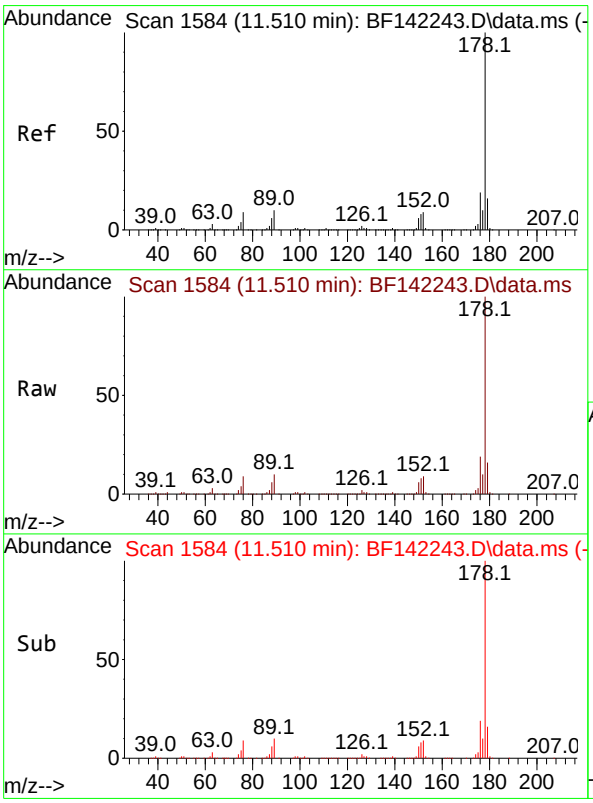
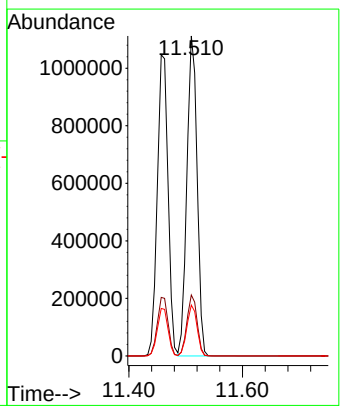
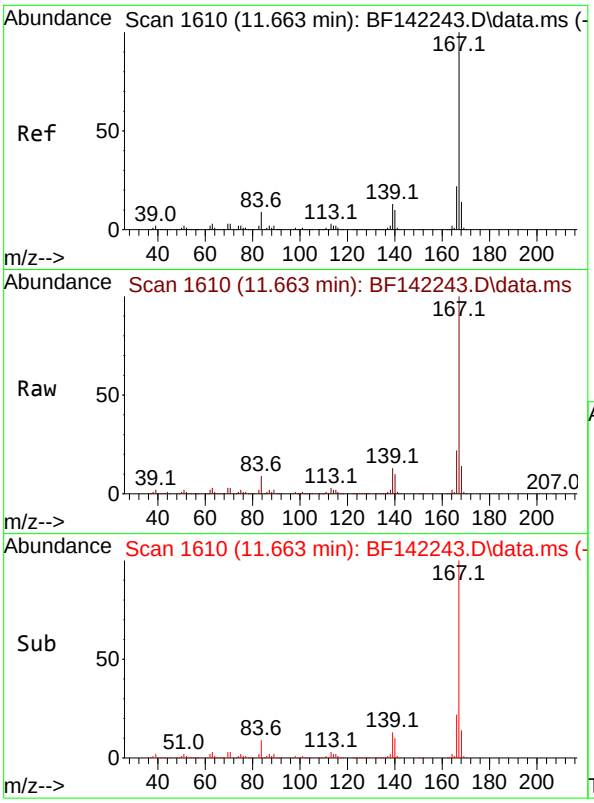


#72
Anthracene
Concen: 40.840 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:178 Resp: 1390308

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.9	12.7	19.1

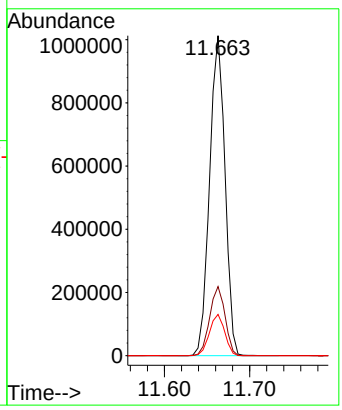




#73
Carbazole
Concen: 40.999 ng
RT: 11.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:167 Resp: 127318

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.3	25.9
139	12.9	10.3	15.5



Instrument :
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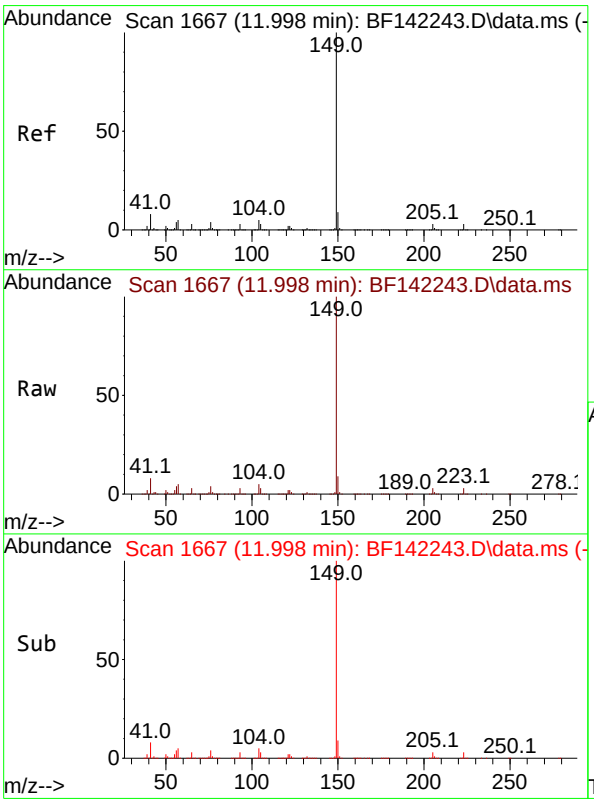
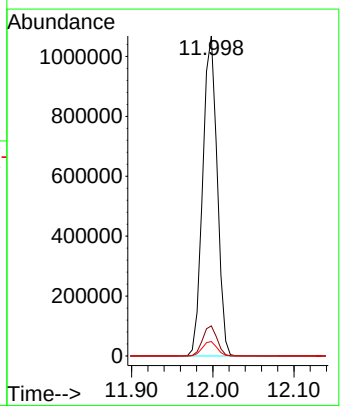
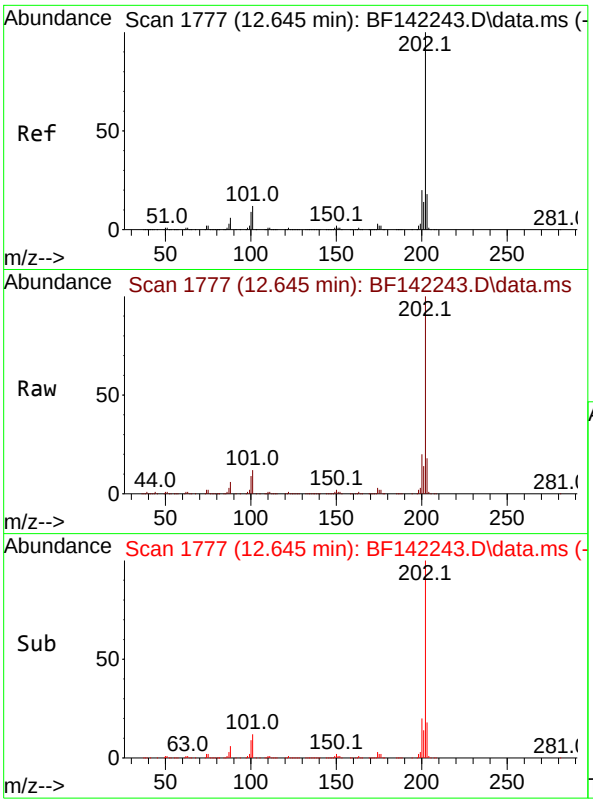


#74
Di-n-butylphthalate
Concen: 42.180 ng
RT: 11.998 min Scan# 1667
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:149 Resp: 1317363

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.5	3.6	5.4

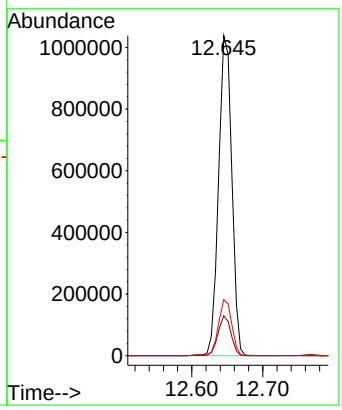




#75
Fluoranthene
Concen: 40.652 ng
RT: 12.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:202 Resp: 133800

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.4
203	17.5	0.0	37.5



Instrument :
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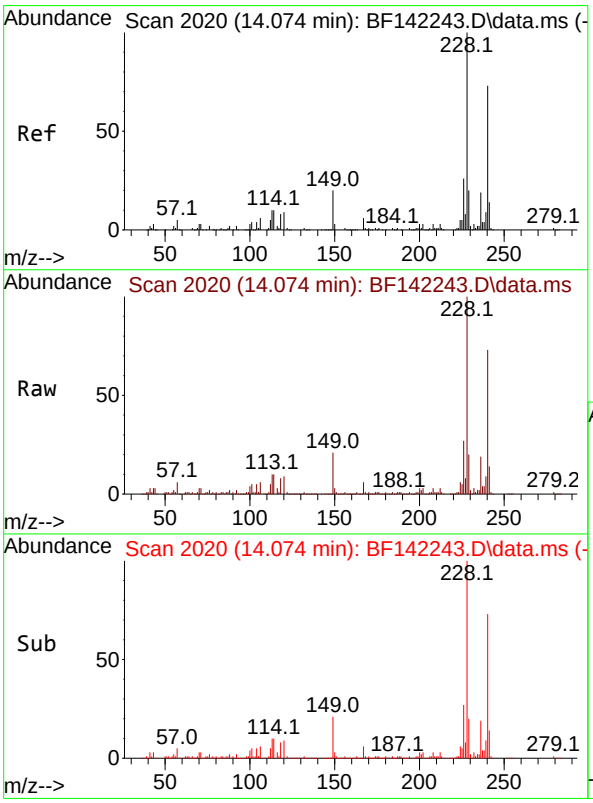
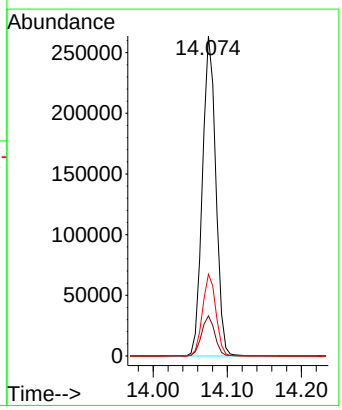
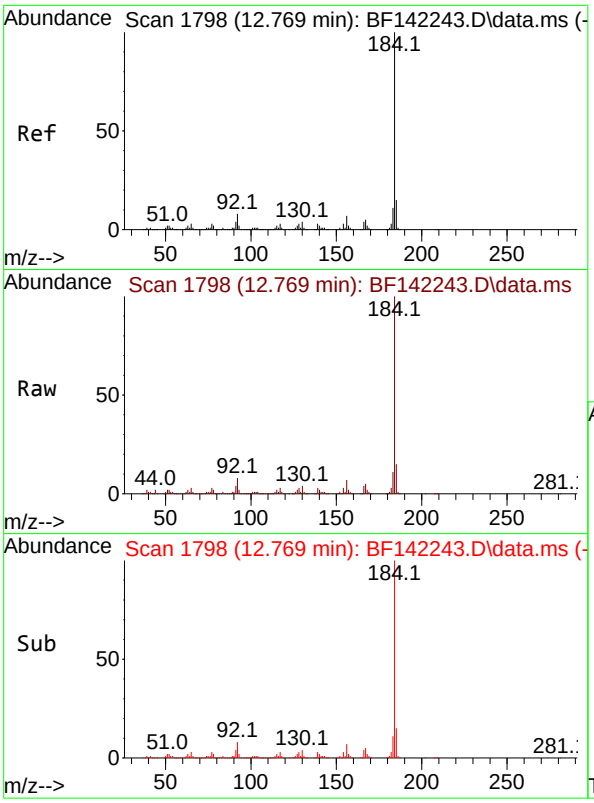


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:240 Resp: 331192

Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.1	15.1
236	25.6	20.5	30.7

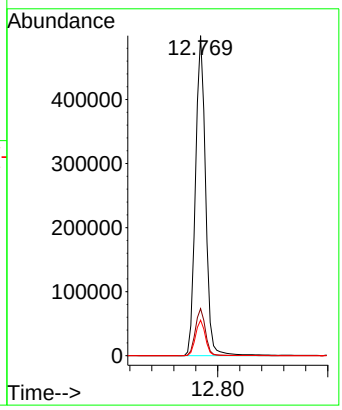




#77
Benzidine
Concen: 45.346 ng
RT: 12.769 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:184 Resp: 63814

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.8	17.6
183	11.1	8.9	13.3



Instrument :
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ClientSampleId :
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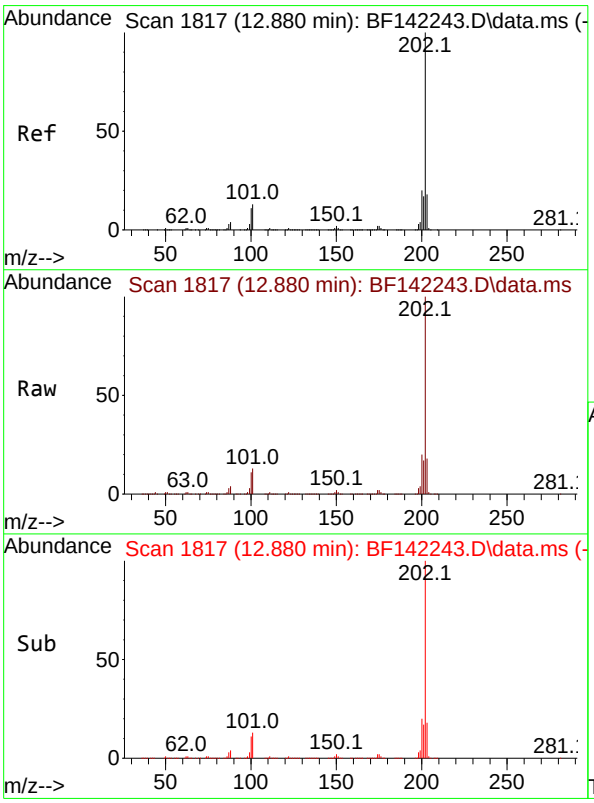
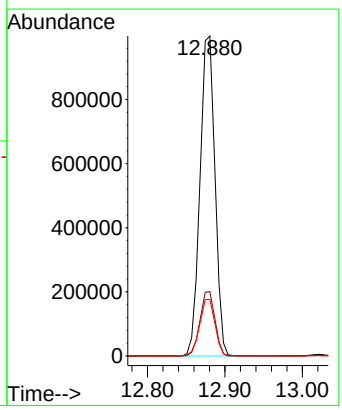
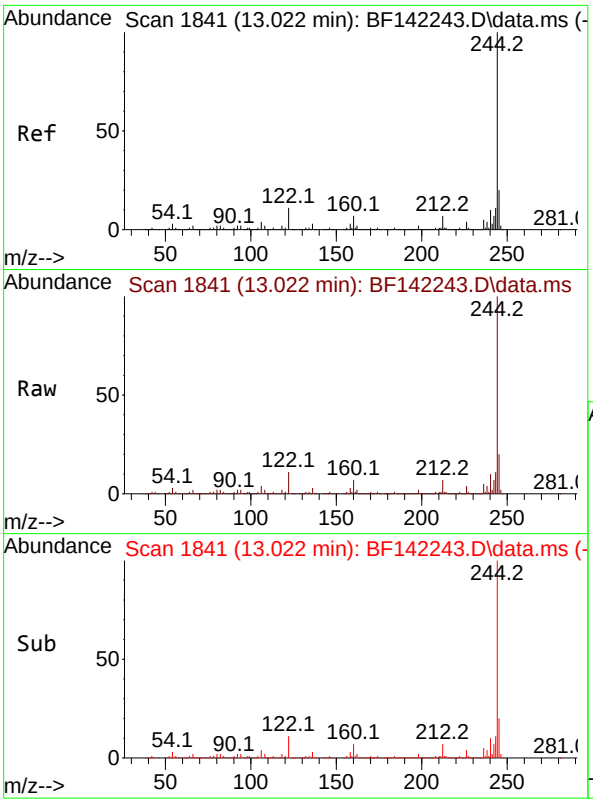


#78
Pyrene
Concen: 43.920 ng
RT: 12.880 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:202 Resp: 1341800

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.1	24.1
203	17.6	14.1	21.1





#79
Terphenyl-d14
Concen: 86.181 ng
RT: 13.022 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:244 Resp: 196247

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.3	7.9
122	11.4	9.1	13.7

Instrument :
BNA_F
ClientSampleId :
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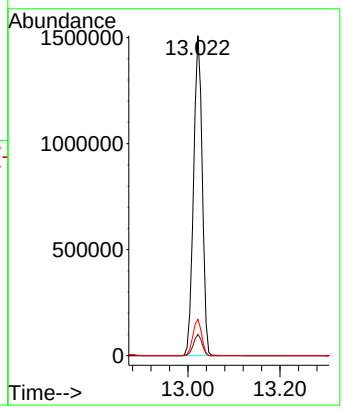
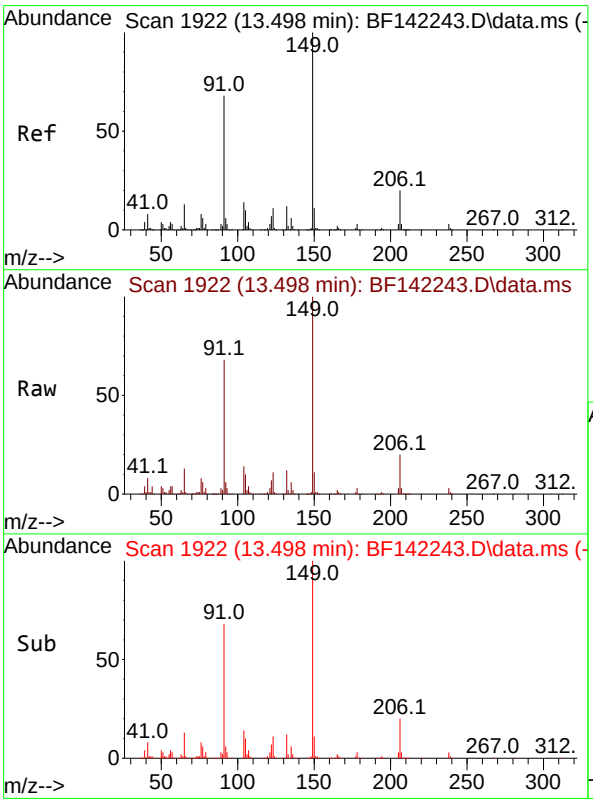
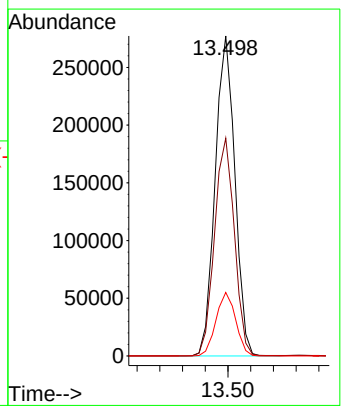


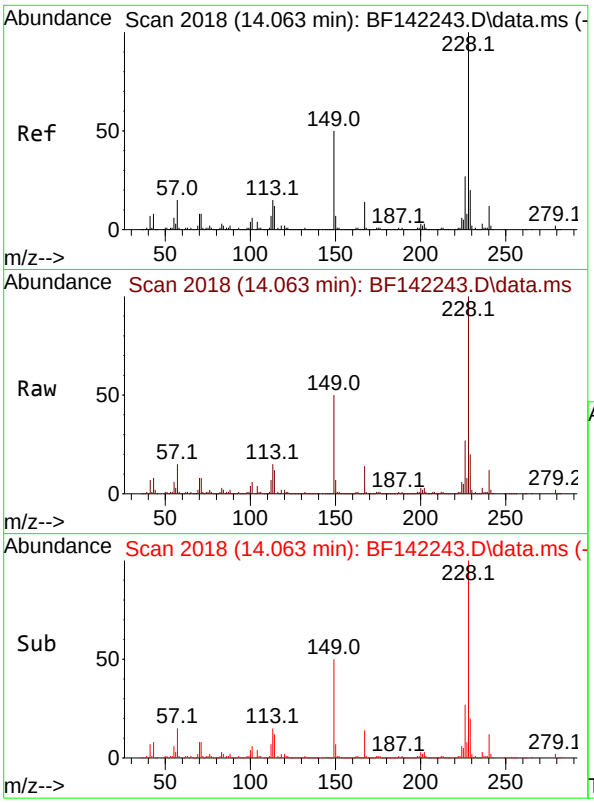


#80
Butylbenzylphthalate
Concen: 40.624 ng
RT: 13.498 min Scan# 1922
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:149 Resp: 334175

Ion	Ratio	Lower	Upper
149	100		
91	68.0	54.4	81.6
206	19.9	15.9	23.9

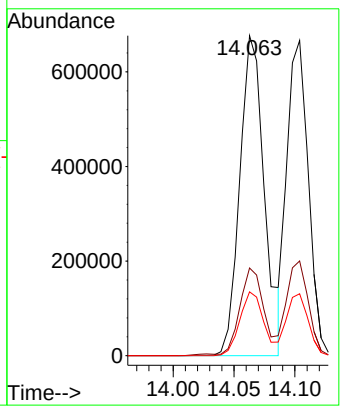




#81
Benzo(a)anthracene
Concen: 42.831 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:228 Resp: 95229

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.9	32.9
229	20.0	16.0	24.0



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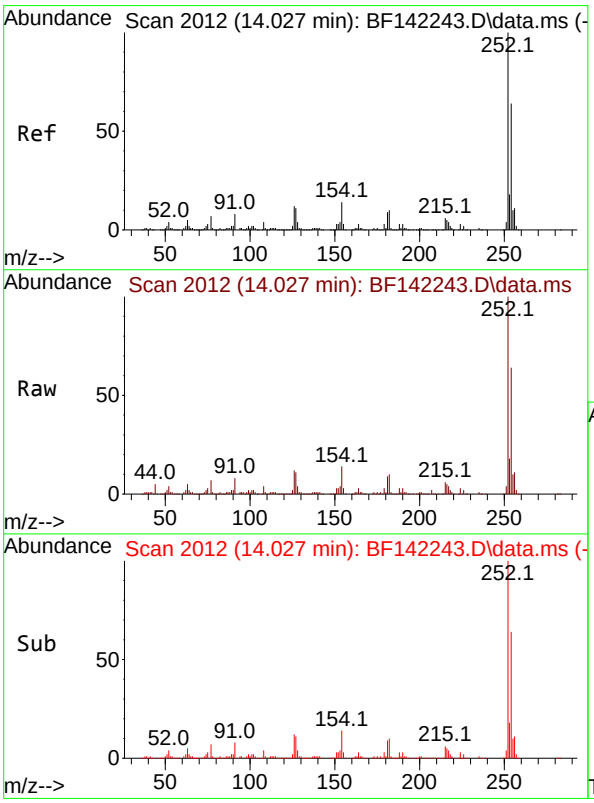
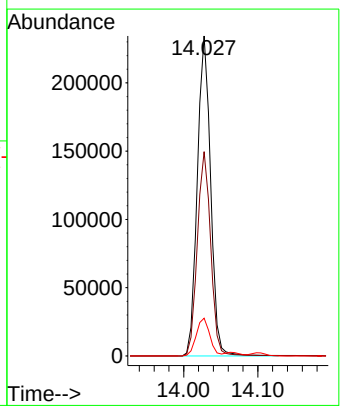
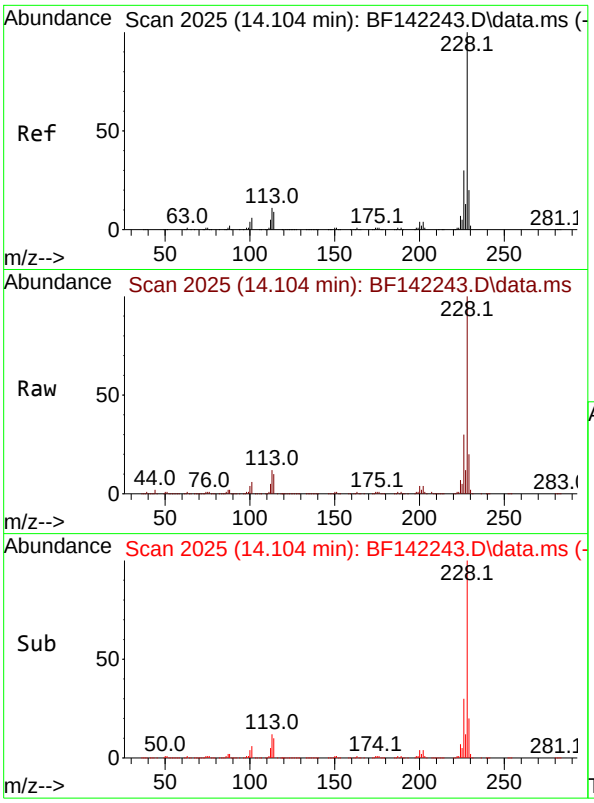


#82
3,3'-Dichlorobenzidine
Concen: 44.859 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:252 Resp: 292958

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.0	76.6
126	11.8	9.4	14.2

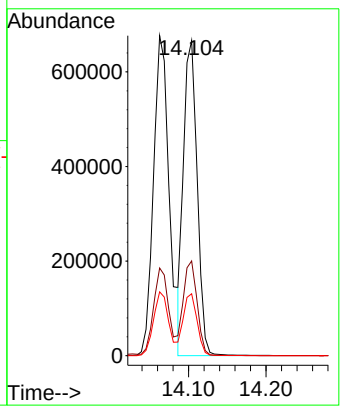




#83
Chrysene
Concen: 40.321 ng
RT: 14.104 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:228 Resp: 81604

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	19.6	15.7	23.5



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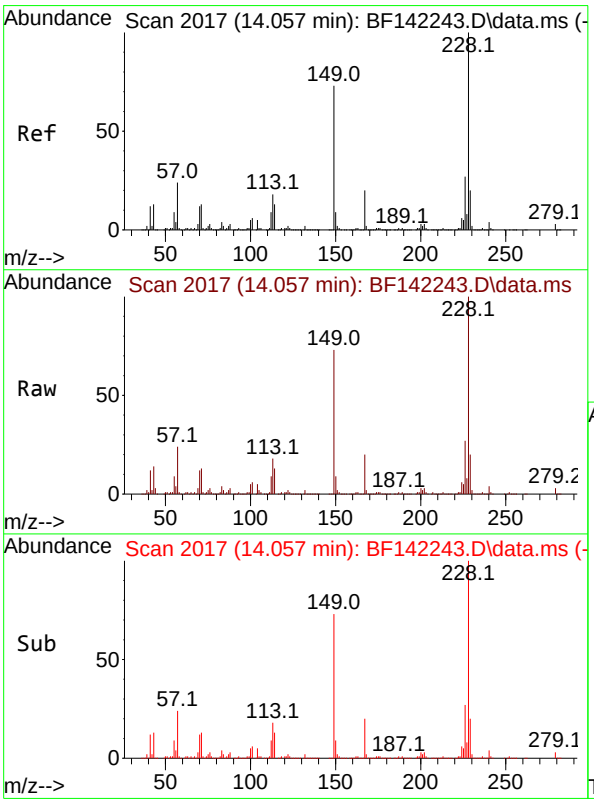
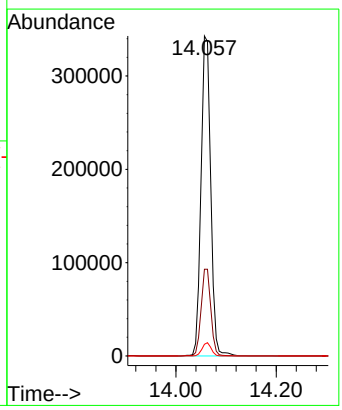
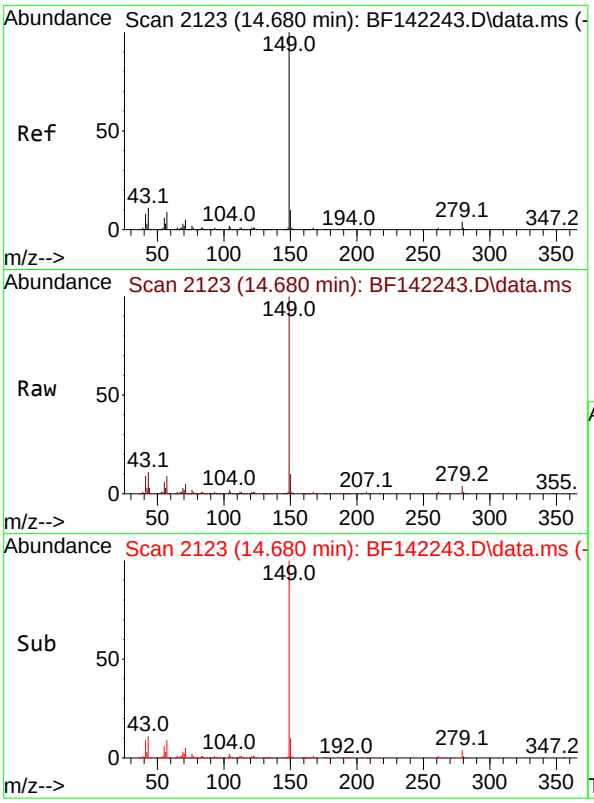


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.356 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:149 Resp: 460074

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.7	32.5
279	3.7	3.0	4.4

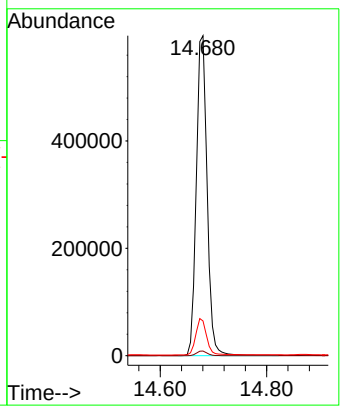




#85
Di-n-octyl phthalate
Concen: 40.504 ng
RT: 14.680 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:149 Resp: 83607

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	11.6	9.3	13.9



Instrument :
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ClientSampleId :
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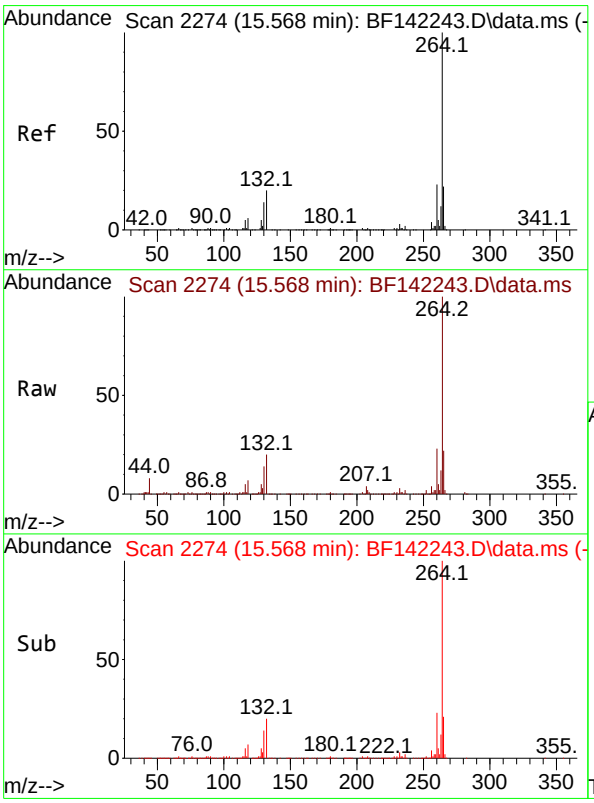
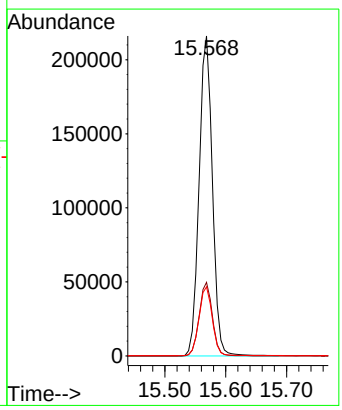
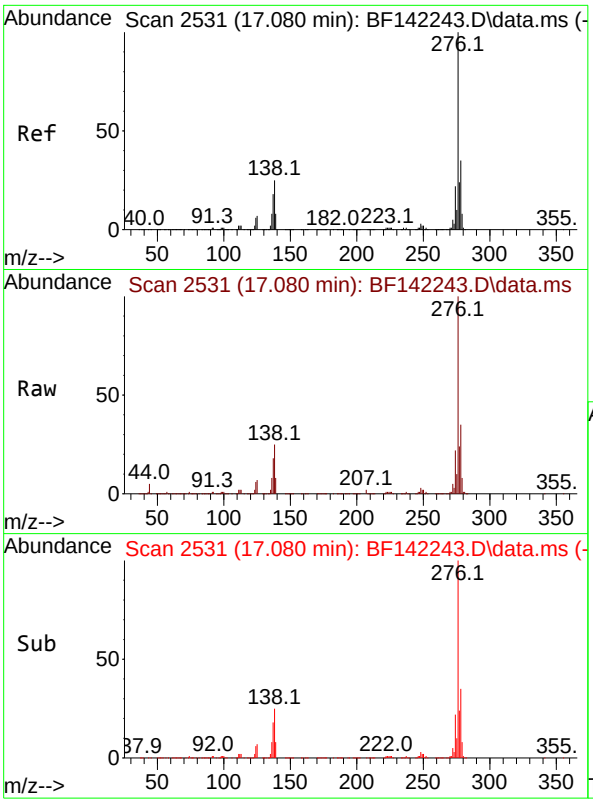


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:264 Resp: 328405

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	21.6	17.3	25.9

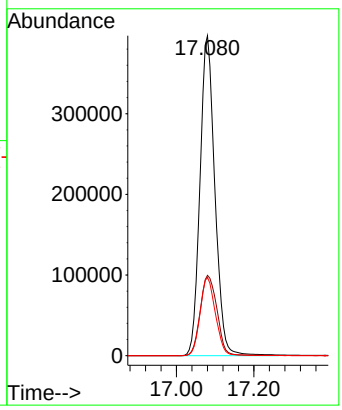




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.049 ng
RT: 17.080 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:276 Resp: 105959

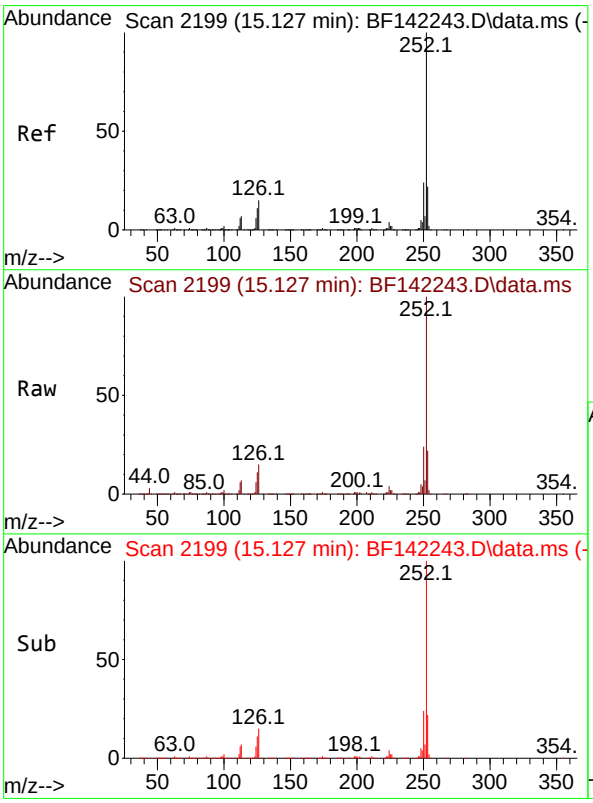
Ion	Ratio	Lower	Upper
276	100		
138	28.2	22.6	33.8
277	25.1	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

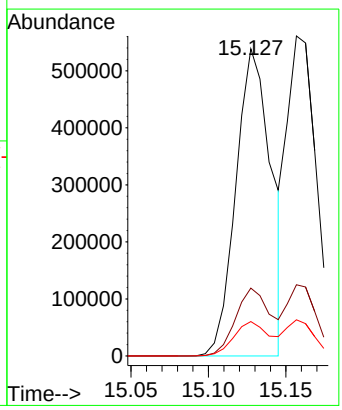
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

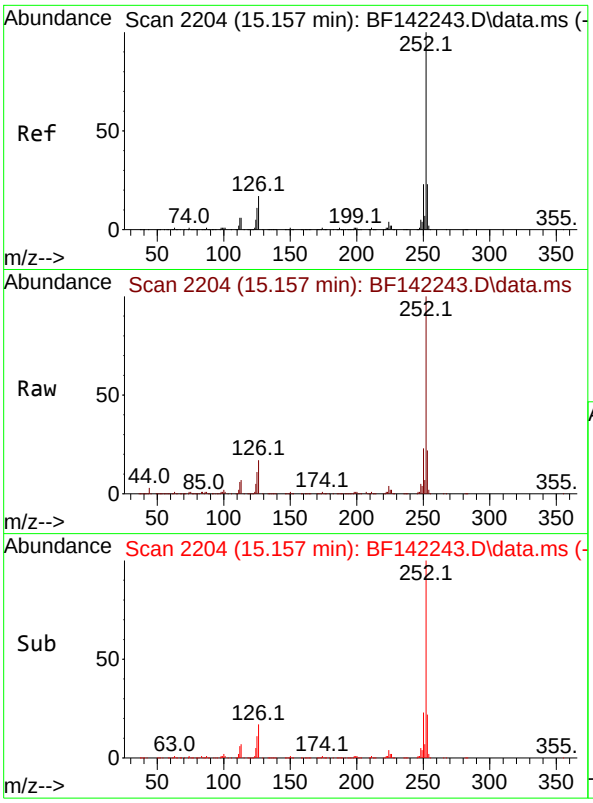


#88
Benzo(b)fluoranthene
Concen: 41.912 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:252 Resp: 854971

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.2	9.0	13.4

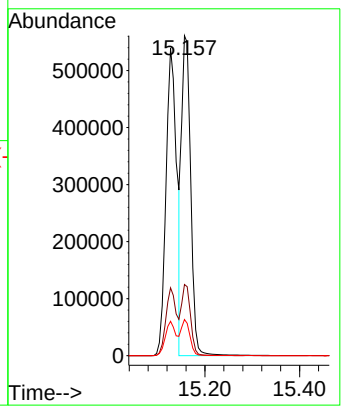




#89
Benzo(k)fluoranthene
Concen: 40.310 ng
RT: 15.157 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:252 Resp: 75213

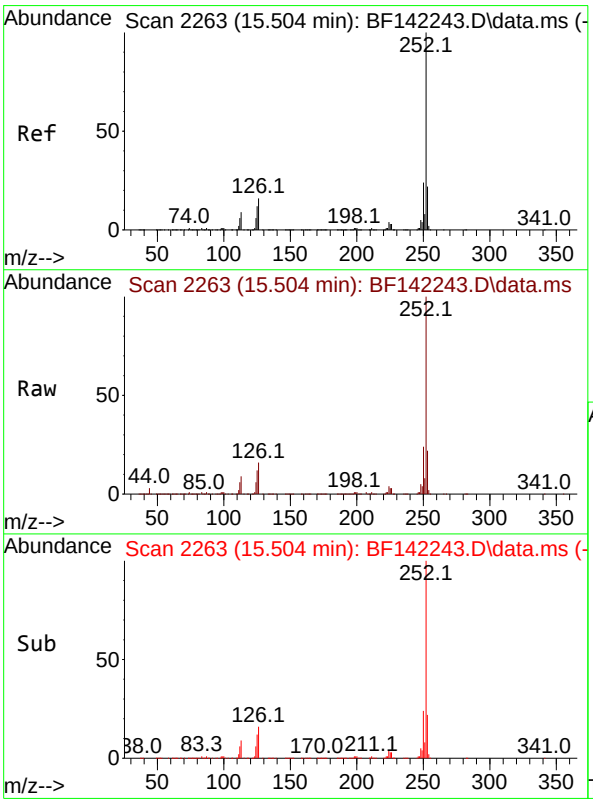
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	11.3	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

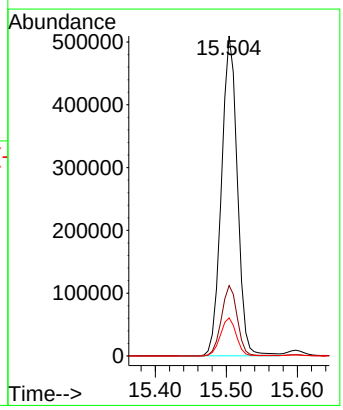
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

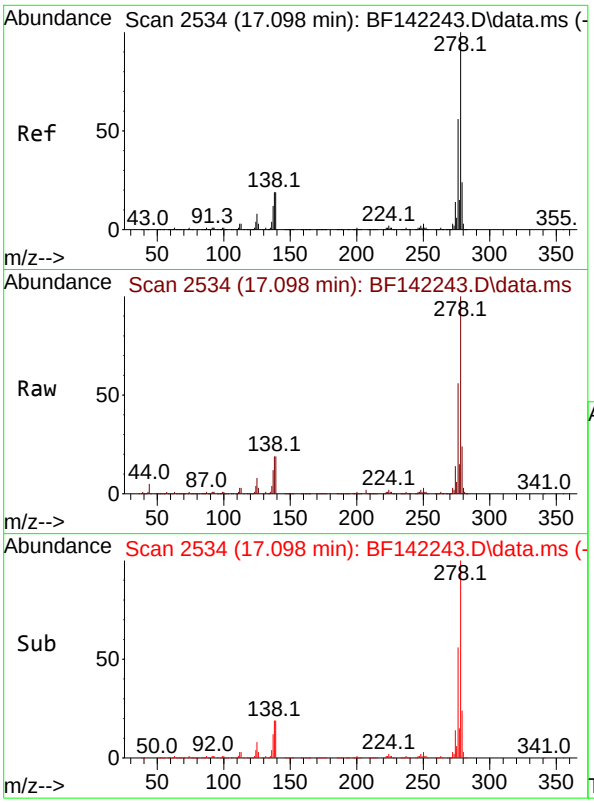


#90
Benzo(a)pyrene
Concen: 42.318 ng
RT: 15.504 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:252 Resp: 790330

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.9	9.5	14.3

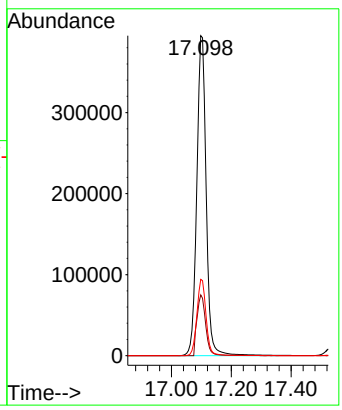




#91
Dibenzo(a,h)anthracene
Concen: 44.142 ng
RT: 17.098 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:278 Resp: 86178

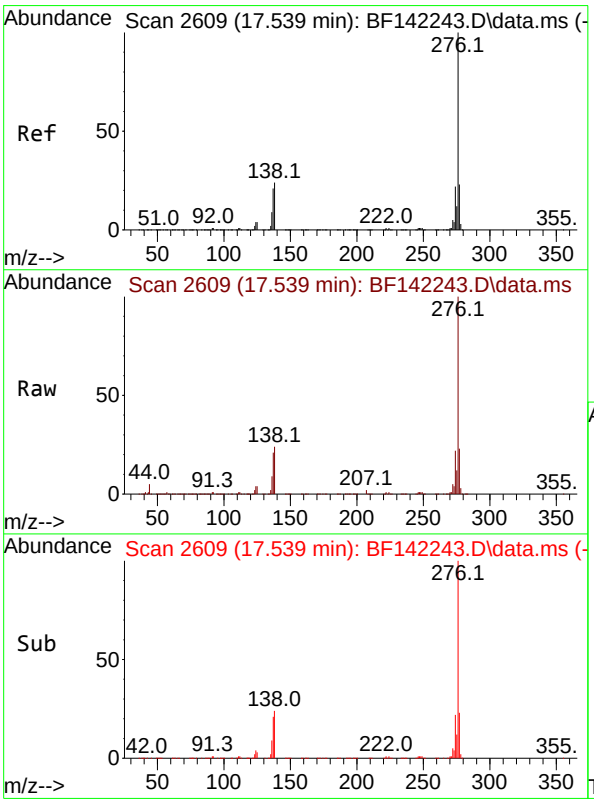
Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.2	22.8
279	23.8	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

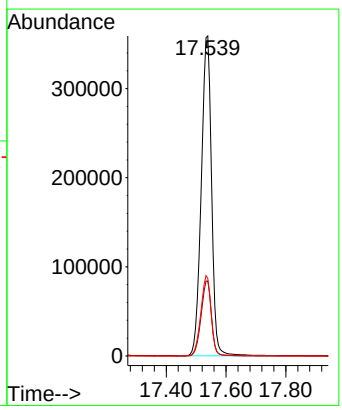
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#92
Benzo(g,h,i)perylene
Concen: 43.758 ng
RT: 17.539 min Scan# 2609
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:276 Resp: 858804

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	24.2	19.4	29.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142244.D
Acq On : 30 Apr 2025 13:46
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 30 15:43:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.910	152	179073	20.000	ng		0.00
21) Naphthalene-d8	8.192	136	691236	20.000	ng		0.00
39) Acenaphthene-d10	9.951	164	360144	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	604171	20.000	ng		0.00
76) Chrysene-d12	14.074	240	322957	20.000	ng		0.00
86) Perylene-d12	15.568	264	337726	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1150166	102.577	ng		0.00
7) Phenol-d6	6.528	99	1387418	102.468	ng		0.00
23) Nitrobenzene-d5	7.475	82	1213856	115.369	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	369823	112.641	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	2425708	94.966	ng		0.00
79) Terphenyl-d14	13.021	244	2247982	101.236	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	259869	51.894	ng		99
3) Pyridine	3.463	79	672711	51.688	ng		100
4) n-Nitrosodimethylamine	3.416	42	353028	52.416	ng		96
6) Aniline	6.575	93	986118	51.454	ng		99
8) 2-Chlorophenol	6.692	128	606252	52.325	ng		99
9) Benzaldehyde	6.463	77	482619	50.998	ng		98
10) Phenol	6.539	94	755326m	51.820	ng		
11) bis(2-Chloroethyl)ether	6.645	93	575347	50.934	ng		100
12) 1,3-Dichlorobenzene	6.851	146	661612	50.476	ng		99
13) 1,4-Dichlorobenzene	6.928	146	666083	50.439	ng		99
14) 1,2-Dichlorobenzene	7.081	146	640983	50.843	ng		100
15) Benzyl Alcohol	7.045	79	504297	52.514	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.186	45	1049319	51.444	ng		100
17) 2-Methylphenol	7.151	107	485145	51.113	ng		100
18) Hexachloroethane	7.428	117	229911	53.193	ng		97
19) n-Nitroso-di-n-propyla...	7.328	70	420535	50.261	ng		99
20) 3+4-Methylphenols	7.310	107	611404	51.510	ng	#	89
22) Acetophenone	7.322	105	796460	49.805	ng		96
24) Nitrobenzene	7.492	77	584670	56.634	ng		99
25) Isophorone	7.734	82	1129933	51.170	ng		99
26) 2-Nitrophenol	7.810	139	228021	51.526	ng		97
27) 2,4-Dimethylphenol	7.839	122	576054	51.741	ng		100
28) bis(2-Chloroethoxy)met...	7.939	93	708439	50.870	ng		99
29) 2,4-Dichlorophenol	8.045	162	494488	53.125	ng		99
30) 1,2,4-Trichlorobenzene	8.133	180	524508	50.497	ng		100
31) Naphthalene	8.216	128	1725818	50.064	ng		100
32) Benzoic acid	7.939	122	252184	47.667	ng		98
33) 4-Chloroaniline	8.257	127	730860	50.914	ng		99
34) Hexachlorobutadiene	8.333	225	307118	50.679	ng		99
35) Caprolactam	8.628	113	154579	55.251	ng		97
36) 4-Chloro-3-methylphenol	8.733	107	505527	52.891	ng		100
37) 2-Methylnaphthalene	8.904	142	1057924	49.915	ng		100
38) 1-Methylnaphthalene	9.004	142	1107217	50.427	ng		98
40) 1,2,4,5-Tetrachloroben...	9.069	216	509426	50.261	ng		99
41) Hexachlorocyclopentadiene	9.063	237	331287	57.591	ng		99
43) 2,4,6-Trichlorophenol	9.180	196	337910	53.801	ng		100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142244.D
Acq On : 30 Apr 2025 13:46
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 30 15:43:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	370489	56.106	ng	98
46) 1,1'-Biphenyl	9.369	154	1392513	49.736	ng	100
47) 2-Chloronaphthalene	9.398	162	1041842	50.015	ng	100
48) 2-Nitroaniline	9.486	65	284370	51.394	ng	100
49) Acenaphthylene	9.810	152	1769441	50.339	ng	100
50) Dimethylphthalate	9.669	163	1178638	51.156	ng	99
51) 2,6-Dinitrotoluene	9.727	165	232906	52.309	ng	99
52) Acenaphthene	9.986	154	1024409	49.912	ng	100
53) 3-Nitroaniline	9.898	138	279608	51.745	ng	97
54) 2,4-Dinitrophenol	9.998	184	62086	50.725	ng	98
55) Dibenzofuran	10.157	168	1542097	50.123	ng	100
56) 4-Nitrophenol	10.039	139	210153	58.029	ng	99
57) 2,4-Dinitrotoluene	10.127	165	280193	51.918	ng	98
58) Fluorene	10.498	166	1146269	49.000	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	300782	54.989	ng	99
60) Diethylphthalate	10.369	149	1170793	51.459	ng	99
61) 4-Chlorophenyl-phenyle...	10.492	204	553271	49.802	ng	98
62) 4-Nitroaniline	10.510	138	258117	52.547	ng	100
63) Azobenzene	10.651	77	1150899	51.226	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	98114	49.012	ng	95
66) n-Nitrosodiphenylamine	10.610	169	1041277	50.442	ng	100
67) 4-Bromophenyl-phenylether	10.980	248	340298	50.576	ng	97
68) Hexachlorobenzene	11.045	284	384807	51.064	ng	99
69) Atrazine	11.133	200	287405	52.819	ng	100
70) Pentachlorophenol	11.233	266	219414	55.114	ng	98
71) Phenanthrene	11.463	178	1607091	49.244	ng	99
72) Anthracene	11.510	178	1659788	49.744	ng	100
73) Carbazole	11.663	167	1504715	49.436	ng	100
74) Di-n-butylphthalate	11.998	149	1578769	51.573	ng	100
75) Fluoranthene	12.651	202	1563998	48.481	ng	99
77) Benzidine	12.768	184	762858	55.590	ng	99
78) Pyrene	12.880	202	1563568	52.484	ng	100
80) Butylbenzylphthalate	13.498	149	423529	51.685	ng	100
81) Benzo(a)anthracene	14.068	228	1120699	51.691	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	363124	57.021	ng	98
83) Chrysene	14.104	228	990991	50.214	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	585800	51.638	ng	100
85) Di-n-octyl phthalate	14.680	149	1065626	51.078	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	1313336	53.091	ng	99
88) Benzo(b)fluoranthene	15.127	252	1073096	51.153	ng	100
89) Benzo(k)fluoranthene	15.162	252	967248	50.408	ng	98
90) Benzo(a)pyrene	15.504	252	996599	51.890	ng	100
91) Dibenzo(a,h)anthracene	17.103	278	1073246	53.457	ng	99
92) Benzo(g,h,i)perylene	17.539	276	1069402	52.984	ng	98

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

ICAL Form

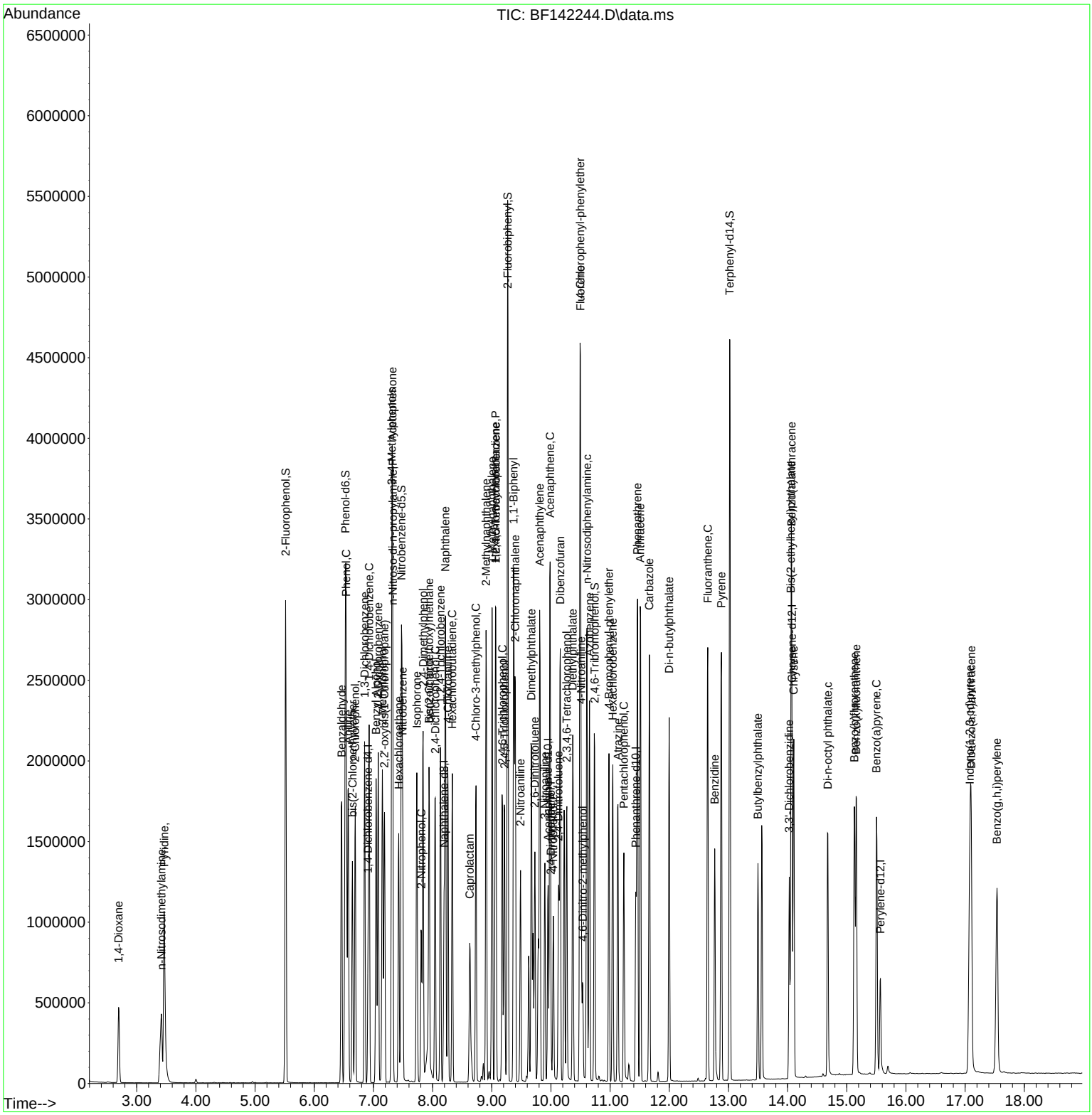
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142244.D
Acq On : 30 Apr 2025 13:46
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

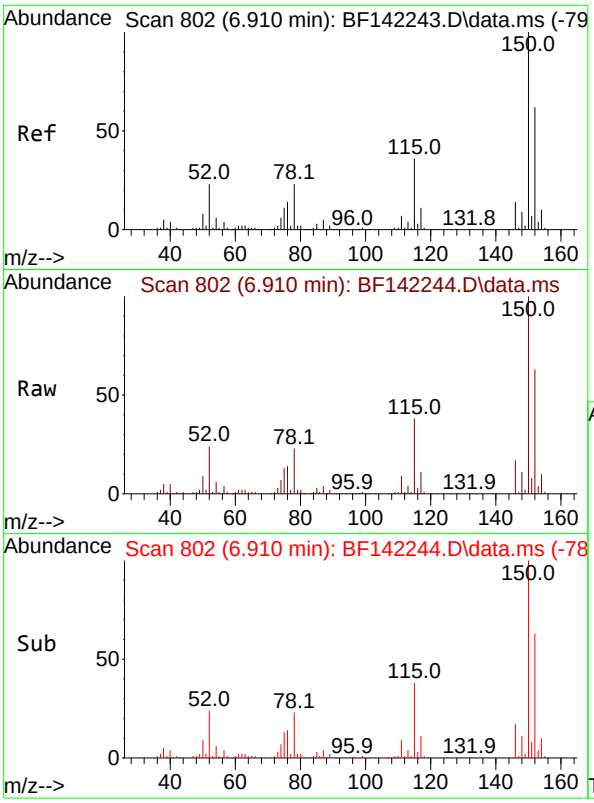
Quant Time: Apr 30 15:43:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

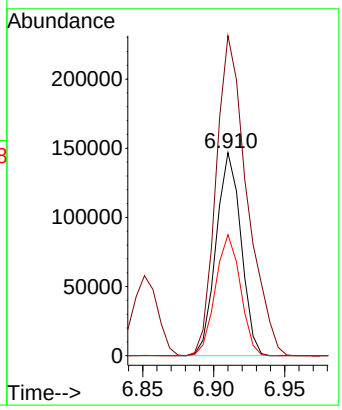




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:152 Resp: 17907

Ion	Ratio	Lower	Upper
152	100		
150	157.6	130.2	195.2
115	59.6	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
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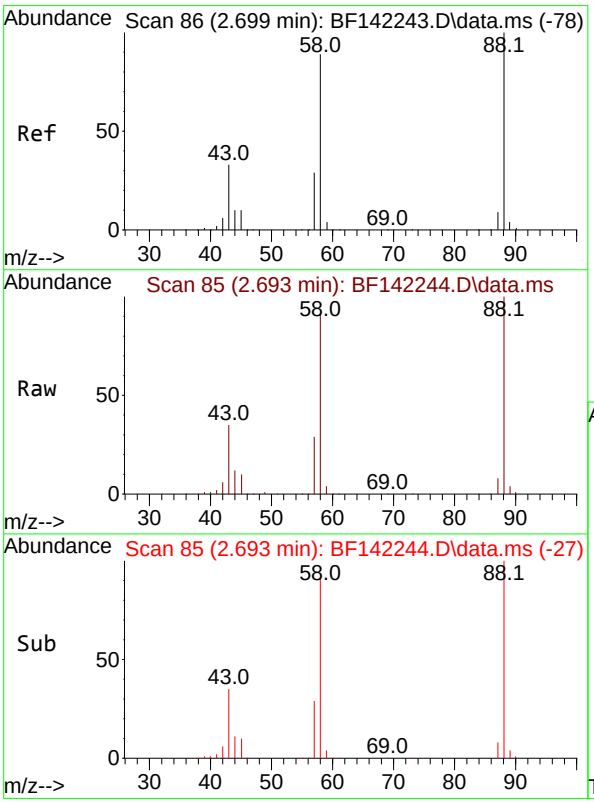
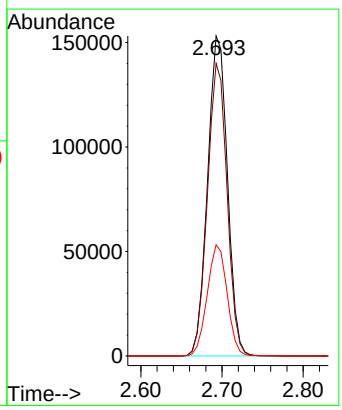
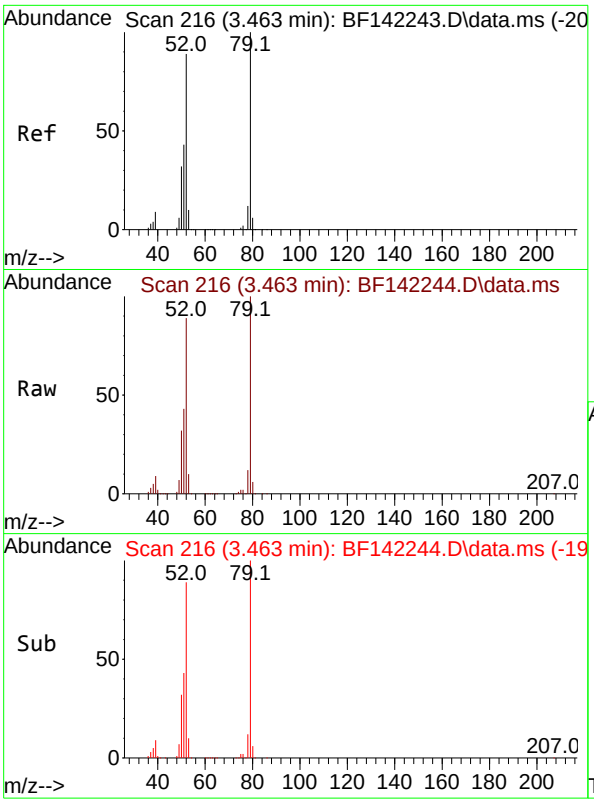


#2
1,4-Dioxane
Concen: 51.894 ng
RT: 2.693 min Scan# 85
Delta R.T. -0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion: 88 Resp: 259869

Ion	Ratio	Lower	Upper
88	100		
58	90.5	72.2	108.2
43	35.0	27.0	40.6





#3
Pyridine
Concen: 51.688 ng
RT: 3.463 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

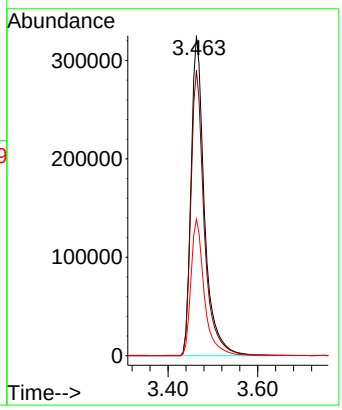
Tgt Ion: 79 Resp: 67271

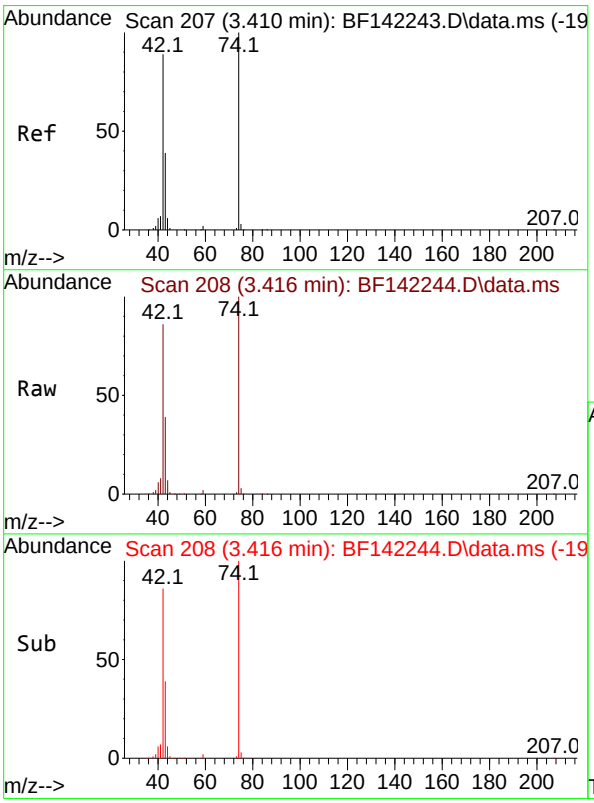
Ion	Ratio	Lower	Upper
79	100		
52	89.2	71.5	107.3
51	42.6	34.5	51.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

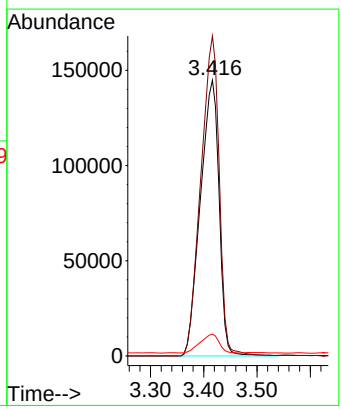


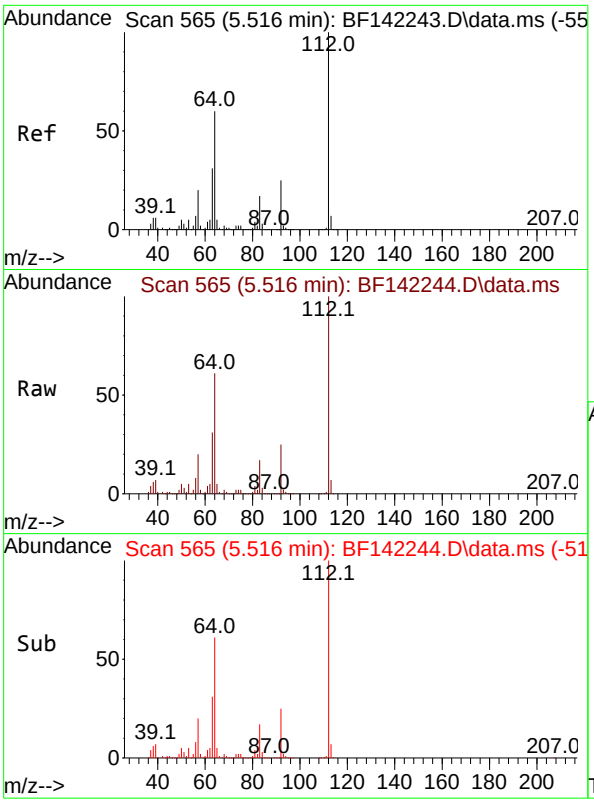


#4
n-Nitrosodimethylamine
Concen: 52.416 ng
RT: 3.416 min Scan# 208
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion: 42 Resp: 353028

Ion	Ratio	Lower	Upper
42	100		
74	116.0	89.5	134.3
44	7.9	6.6	9.8





#5
2-Fluorophenol
Concen: 102.577 ng
RT: 5.516 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:112 Resp: 115016

Ion	Ratio	Lower	Upper
112	100		
64	60.8	48.4	72.6
63	31.3	24.8	37.2

Instrument :
BNA_F
ClientSampleId :
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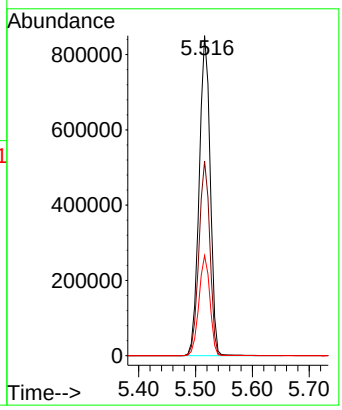
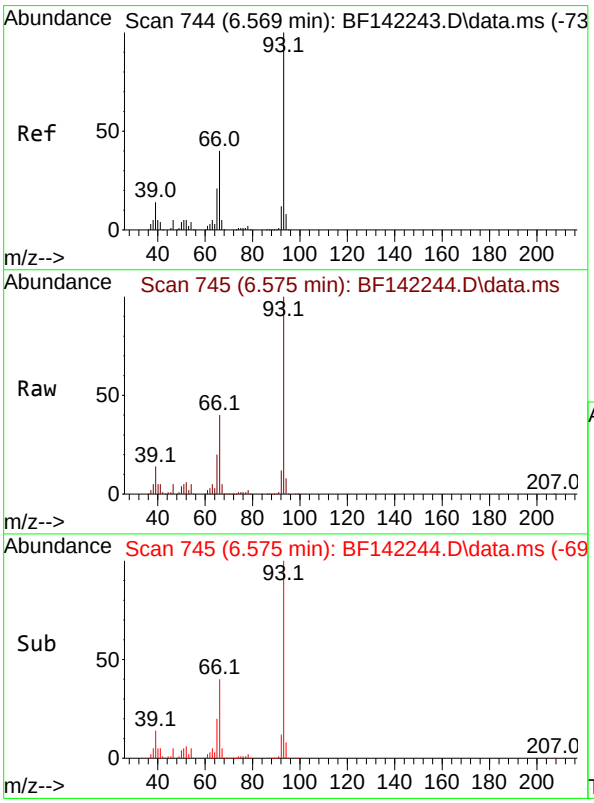
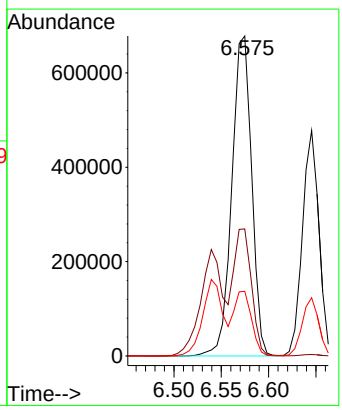


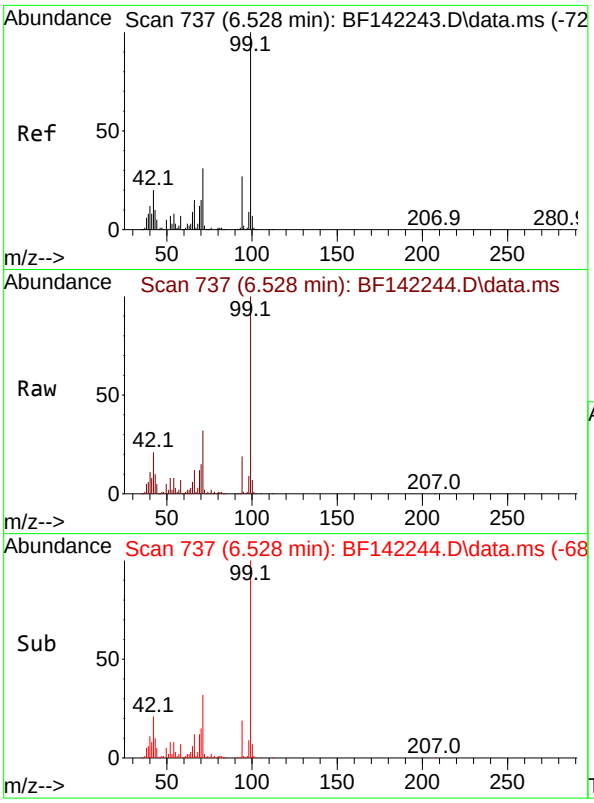


#6
Aniline
Concen: 51.454 ng
RT: 6.575 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion: 93 Resp: 986118

Ion	Ratio	Lower	Upper
93	100		
66	39.7	32.1	48.1
65	20.2	16.6	24.8

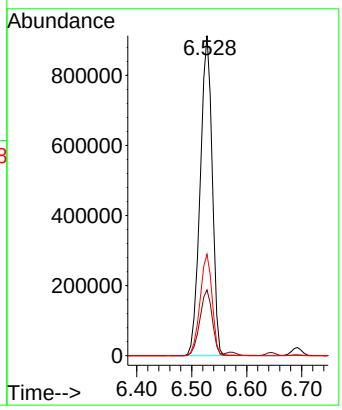




#7
Phenol-d6
Concen: 102.468 ng
RT: 6.528 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion: 99 Resp: 138741

Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.3	24.5
71	31.7	25.0	37.4



Instrument :
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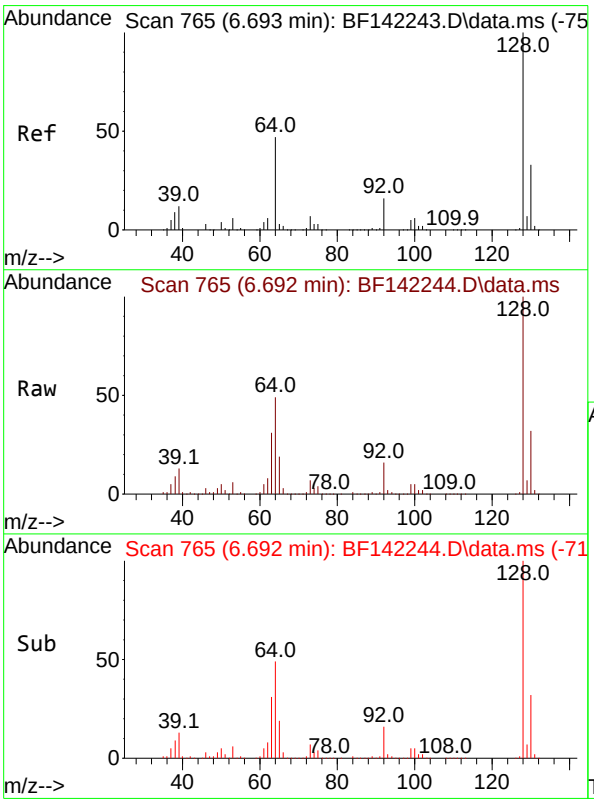
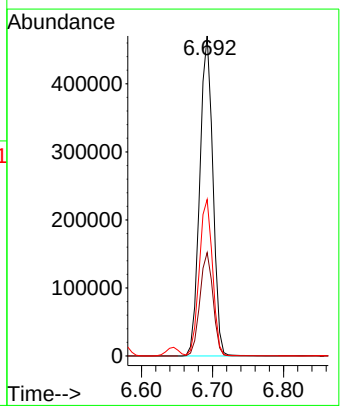
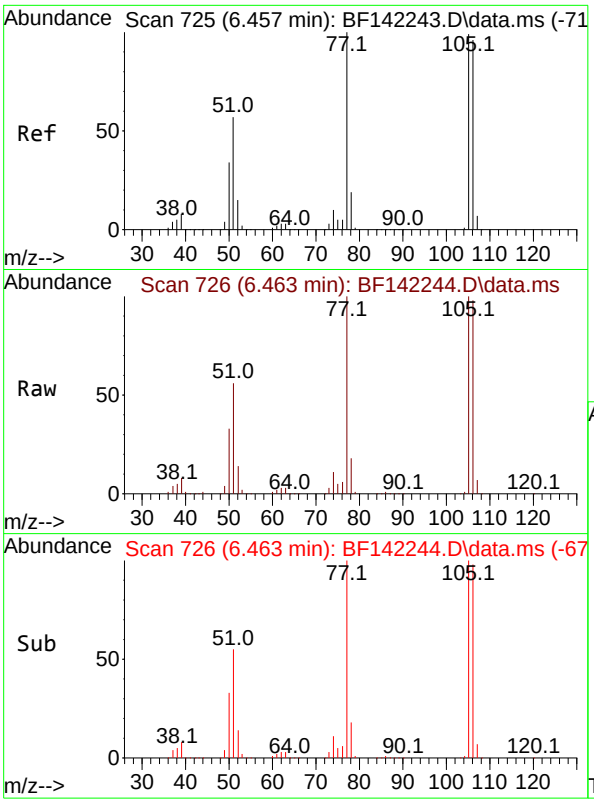


#8
2-Chlorophenol
Concen: 52.325 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:128 Resp: 606252

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.1	53.1
64	48.9	28.6	68.6

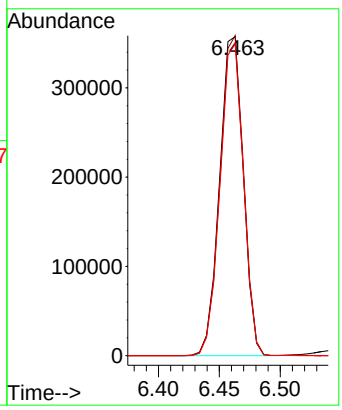




#9
Benzaldehyde
Concen: 50.998 ng
RT: 6.463 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion: 77 Resp: 48261

Ion	Ratio	Lower	Upper
77	100		
105	100.3	79.1	119.1
106	97.8	76.0	116.0



Instrument :
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ClientSampleId :
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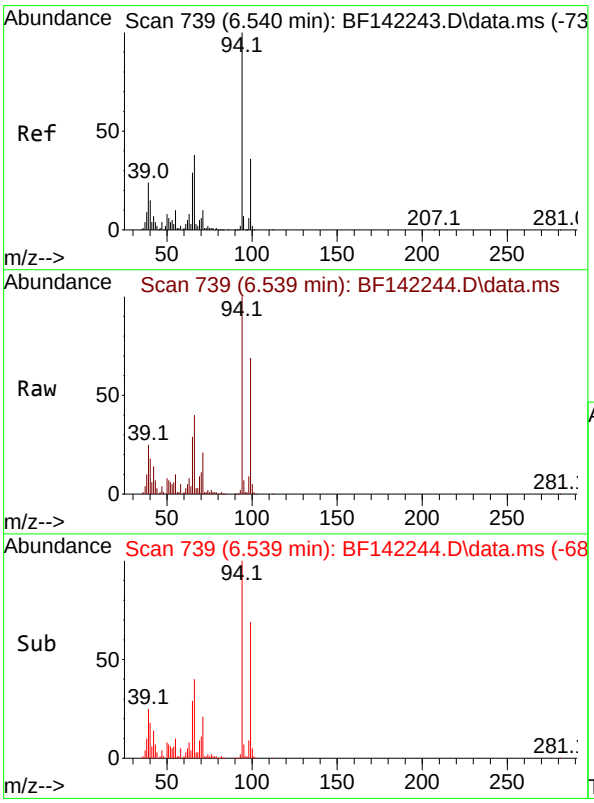
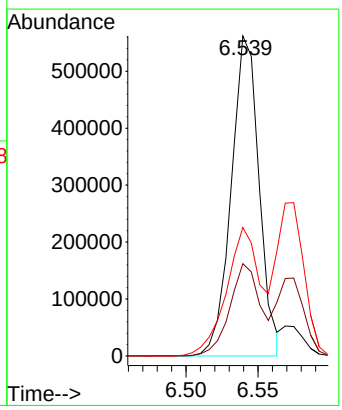
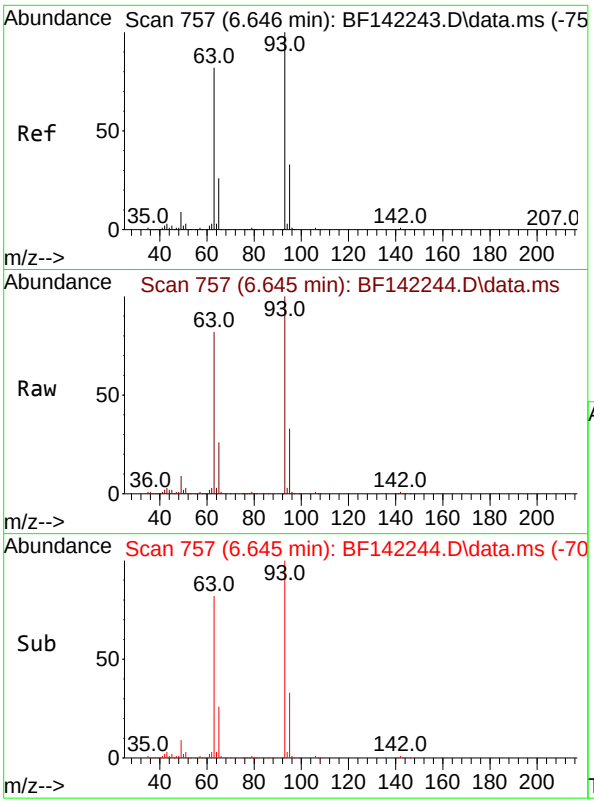


#10
Phenol
Concen: 51.820 ng m
RT: 6.539 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion: 94 Resp: 755326

Ion	Ratio	Lower	Upper
94	100		
65	28.8	8.9	48.9
66	40.2	18.7	58.7

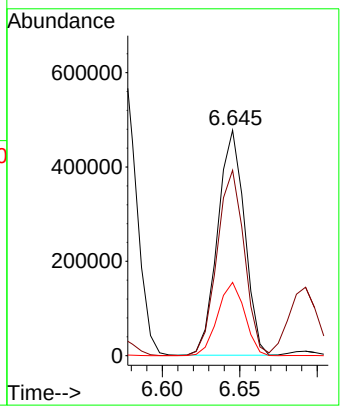




#11
bis(2-Chloroethyl)ether
Concen: 50.934 ng
RT: 6.645 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion: 93 Resp: 57534

Ion	Ratio	Lower	Upper
93	100		
63	82.3	62.2	102.2
95	32.5	12.7	52.7



Instrument :
BNA_F
ClientSampleId :
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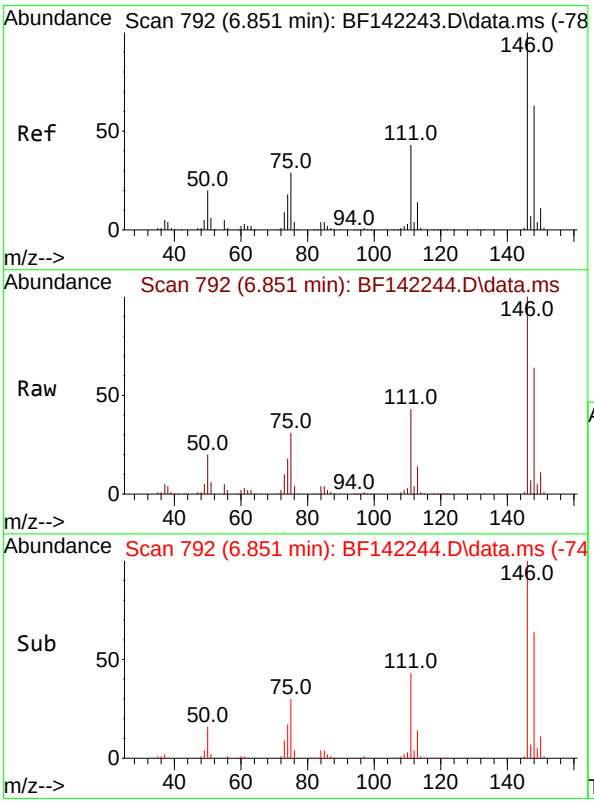
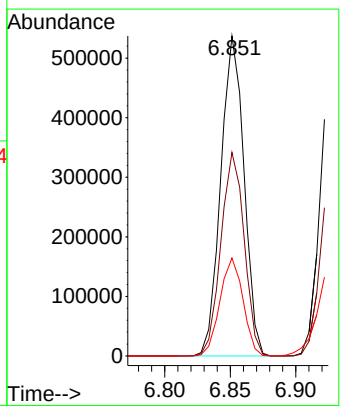
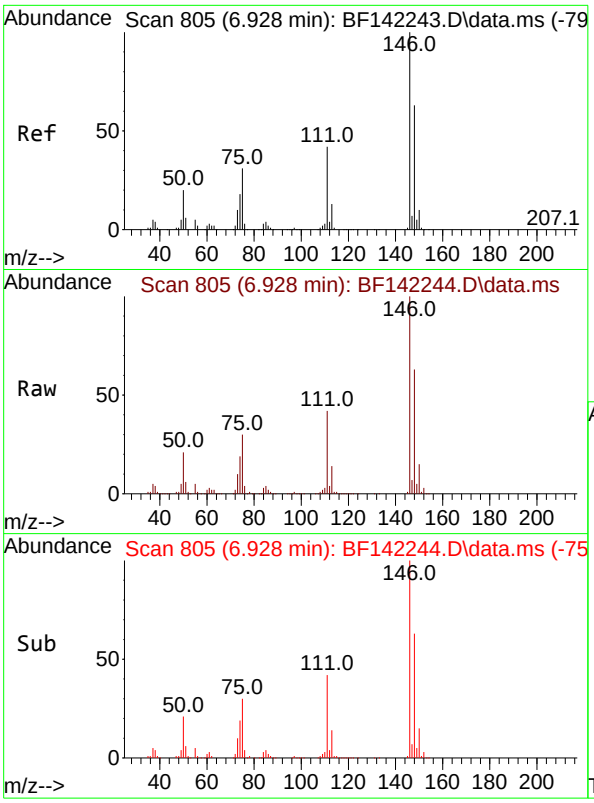


#12
1,3-Dichlorobenzene
Concen: 50.476 ng
RT: 6.851 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:146 Resp: 661612

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.5	75.7
75	30.6	23.2	34.8

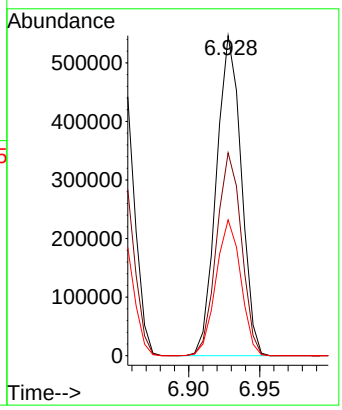




#13
1,4-Dichlorobenzene
Concen: 50.439 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:146 Resp: 66608

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
111	42.4	33.4	50.0



Instrument :
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ClientSampleId :
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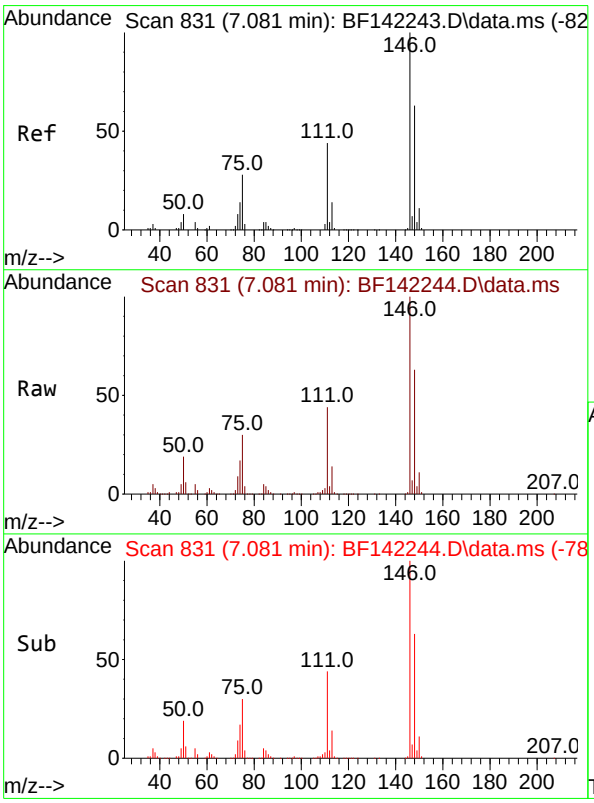
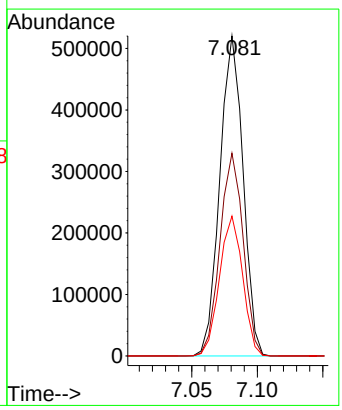
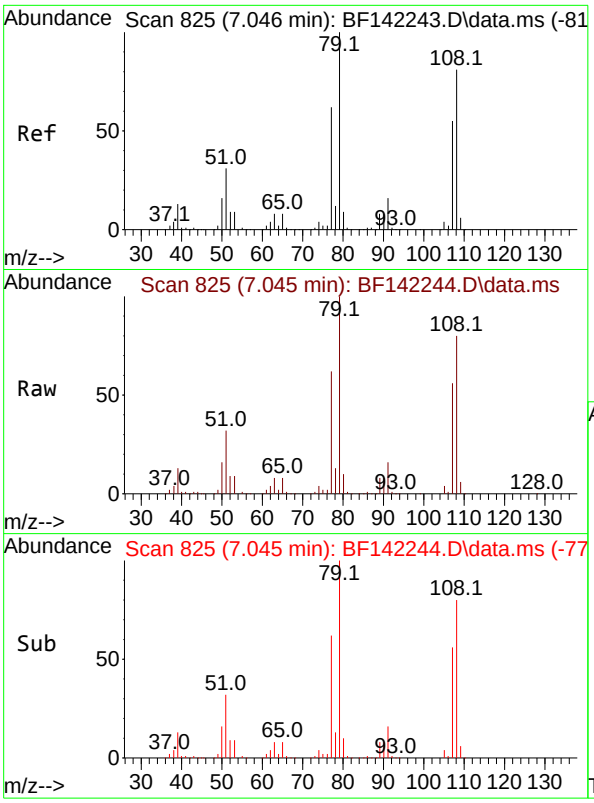


#14
1,2-Dichlorobenzene
Concen: 50.843 ng
RT: 7.081 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:146 Resp: 640983

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.5	75.7
111	43.7	34.9	52.3





#15
Benzyl Alcohol
Concen: 52.514 ng
RT: 7.045 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion: 79 Resp: 50429

Ion	Ratio	Lower	Upper
79	100		
108	80.2	64.5	96.7
77	62.5	49.2	73.8

Instrument :
BNA_F
ClientSampleId :
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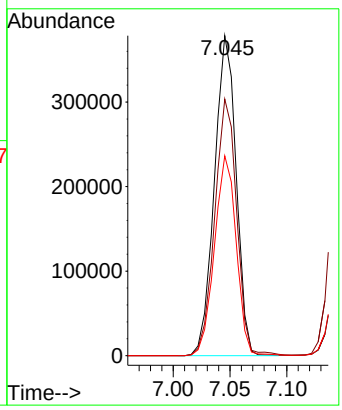
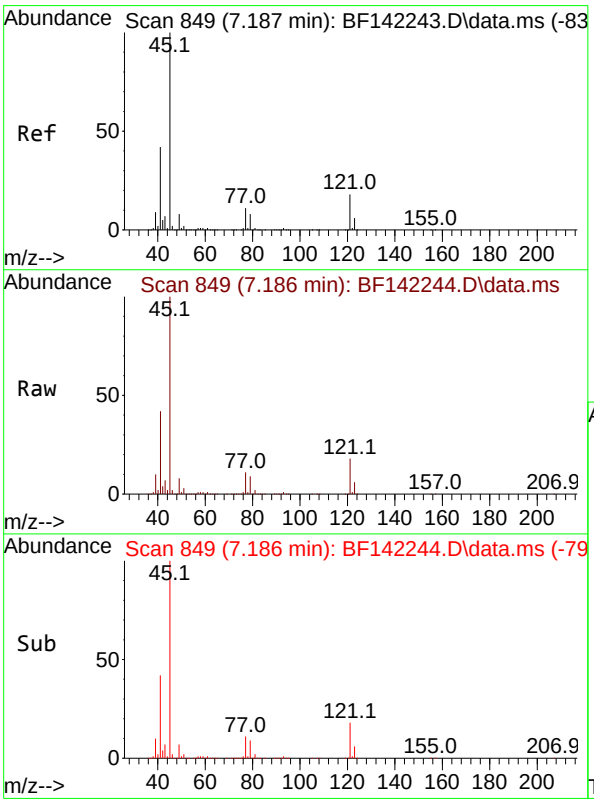
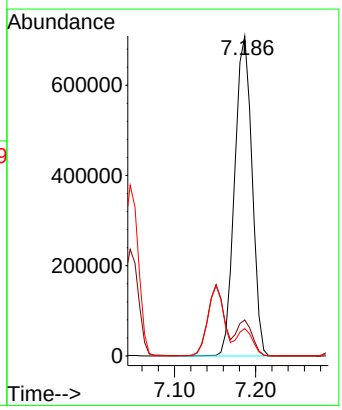


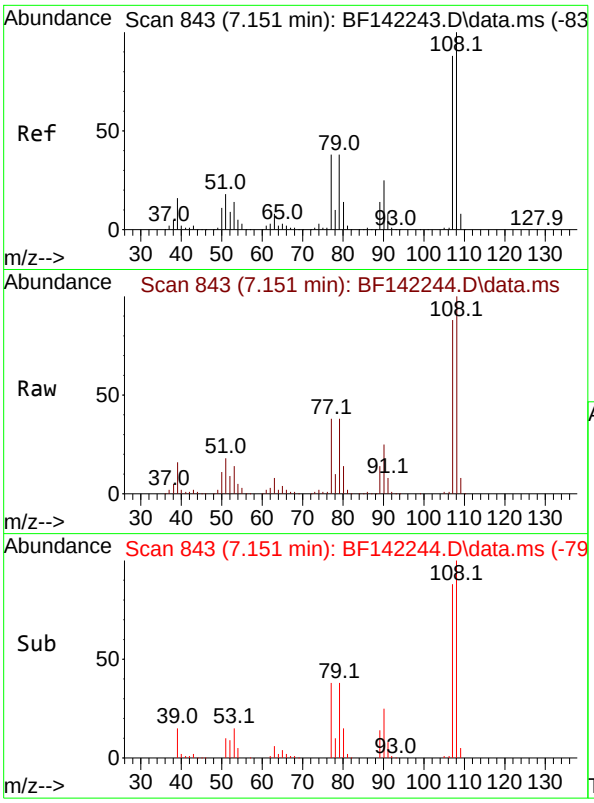


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.444 ng
RT: 7.186 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion: 45 Resp: 1049319

Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	31.3
79	8.6	0.0	28.5

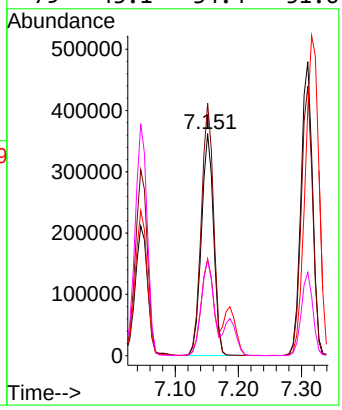




#17
2-Methylphenol
Concen: 51.113 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:107 Resp: 48514

Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.0	136.4
77	43.6	34.4	51.6
79	43.1	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
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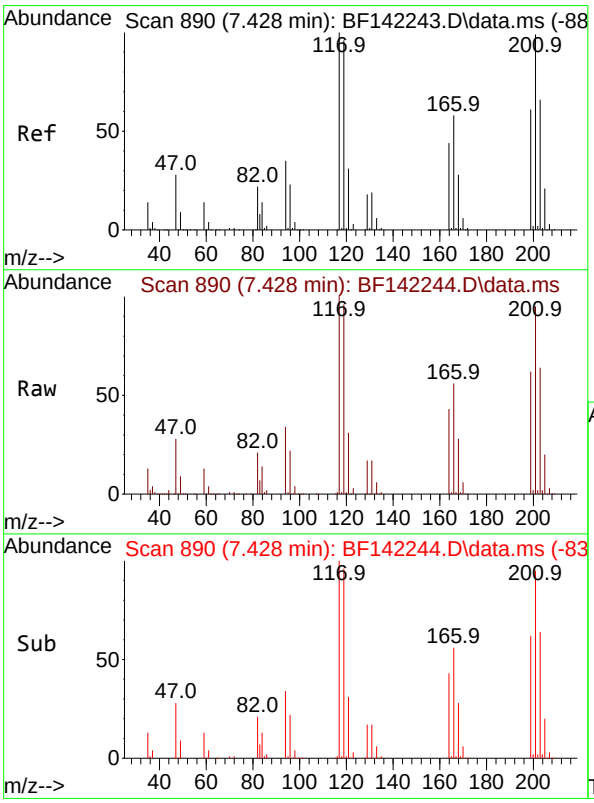
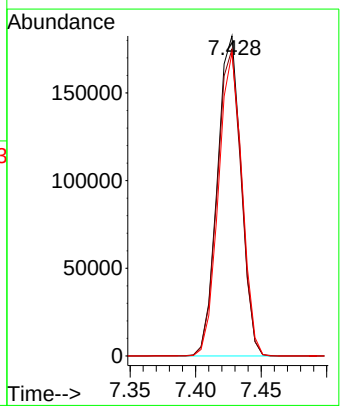
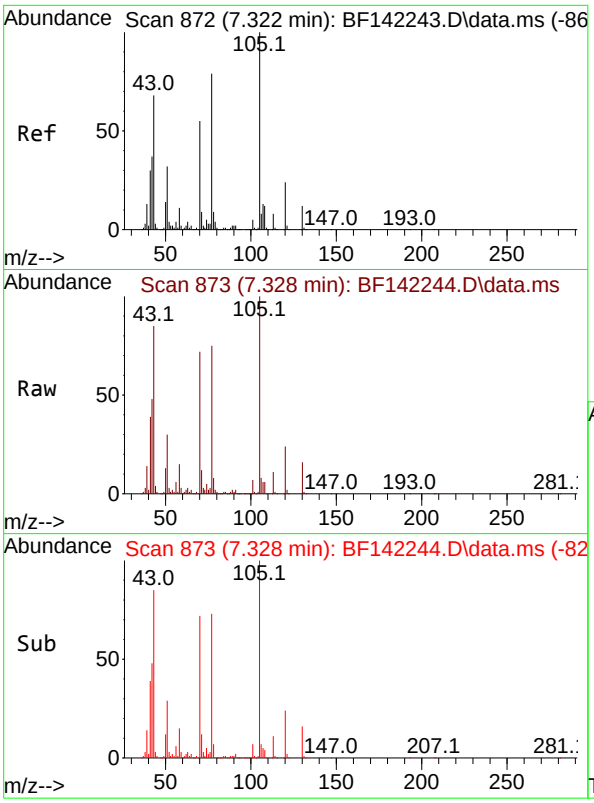


#18
Hexachloroethane
Concen: 53.193 ng
RT: 7.428 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:117 Resp: 229911

Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.1	115.7
201	94.8	79.4	119.2

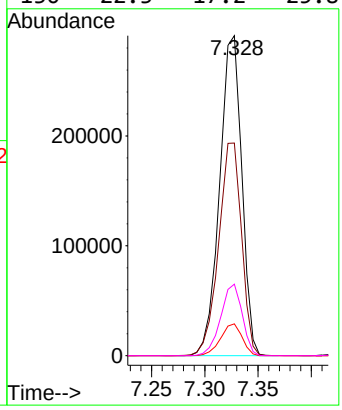




#19
n-Nitroso-di-n-propylamine
Concen: 50.261 ng
RT: 7.328 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion: 70 Resp: 42053

Ion	Ratio	Lower	Upper
70	100		
42	66.4	53.4	80.2
101	9.9	7.7	11.5
130	22.3	17.2	25.8



Instrument :
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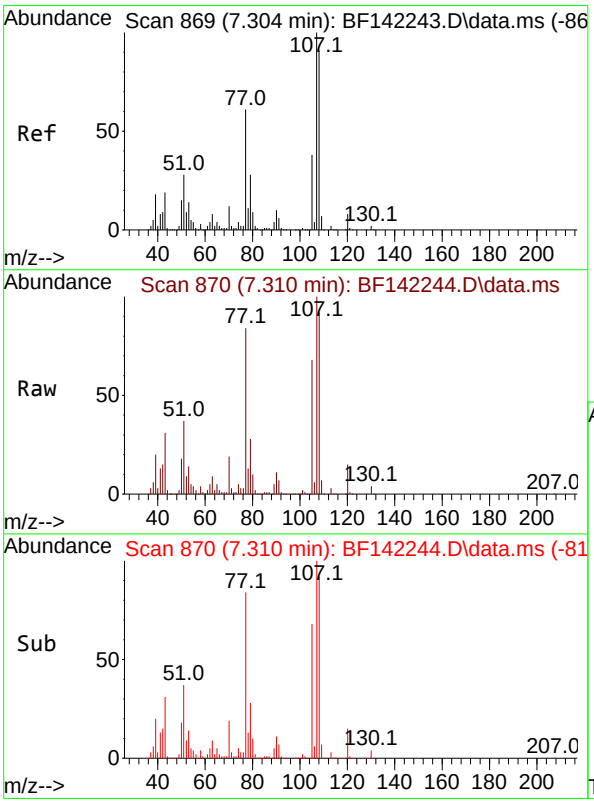
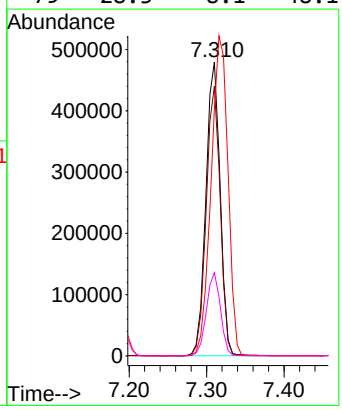
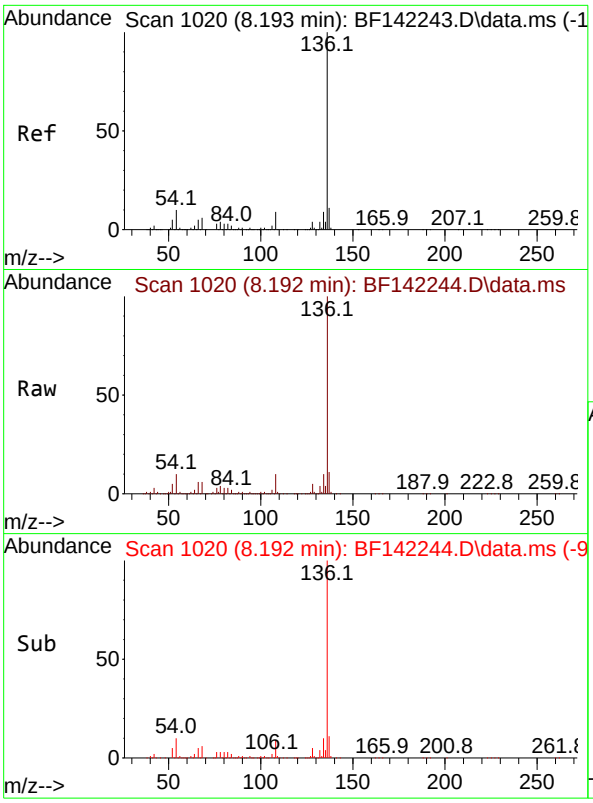


#20
3+4-Methylphenols
Concen: 51.510 ng
RT: 7.310 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:107 Resp: 611404

Ion	Ratio	Lower	Upper
107	100		
108	91.7	71.2	111.2
77	84.0	41.1	81.1#
79	28.3	8.1	48.1

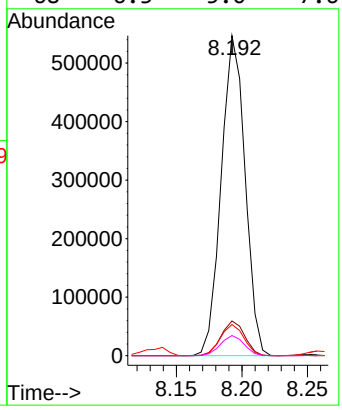




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1
Delta R.T. -0.001 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:136 Resp: 69123

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.7	7.7	11.5
68	6.3	5.0	7.6



Instrument :
BNA_F
ClientSampleId :
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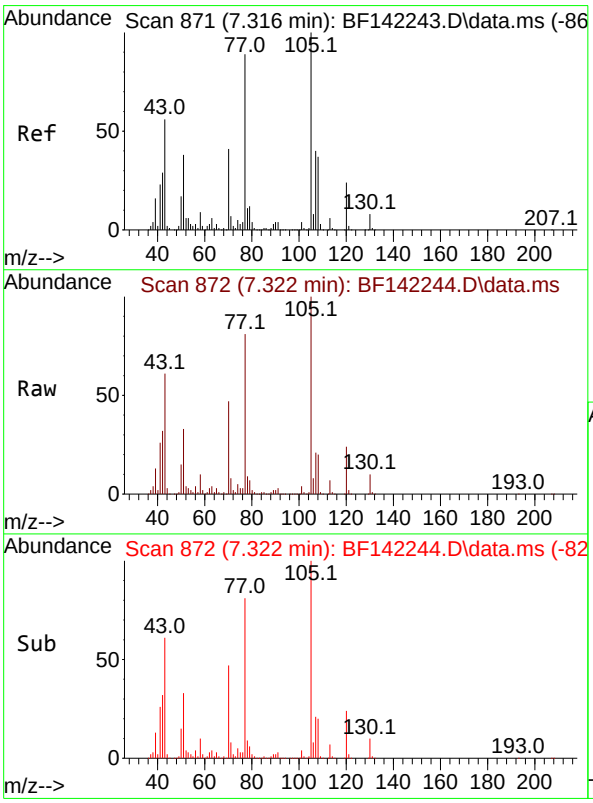
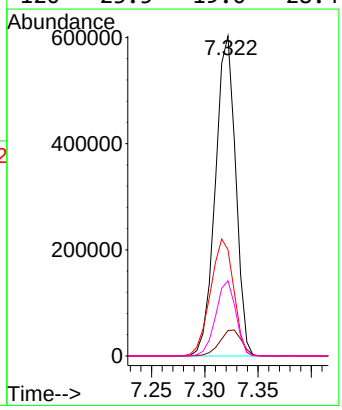
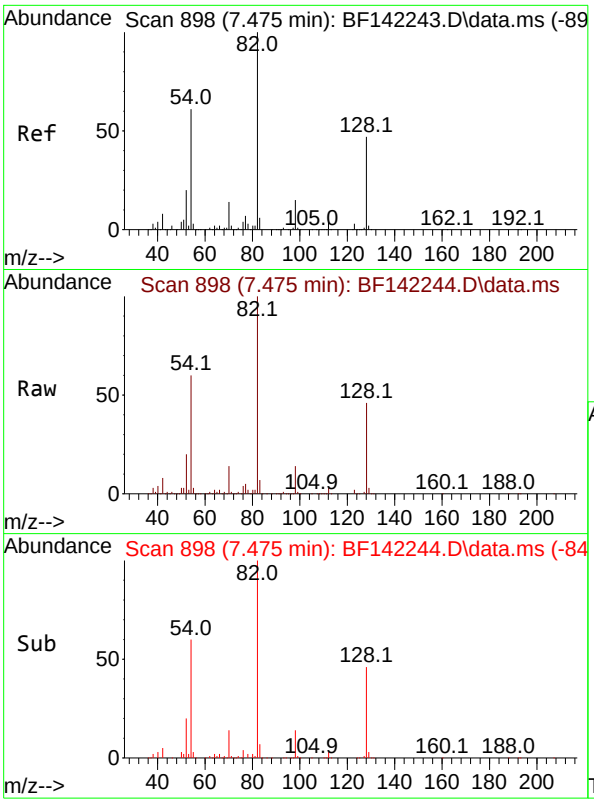


#22
Acetophenone
Concen: 49.805 ng
RT: 7.322 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:105 Resp: 796460

Ion	Ratio	Lower	Upper
105	100		
71	7.9	5.7	8.5
51	33.2	30.1	45.1
120	23.5	19.0	28.4





#23
Nitrobenzene-d5
Concen: 115.369 ng
RT: 7.475 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion: 82 Resp: 121385

Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.0	55.6
54	59.8	48.0	72.0

Instrument :
BNA_F
ClientSampleId :
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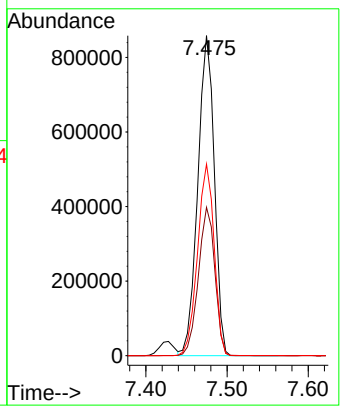
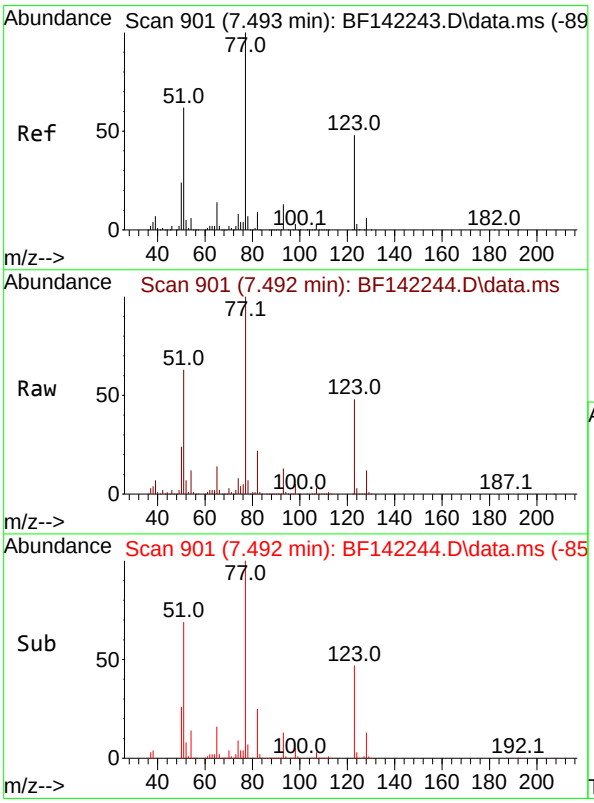
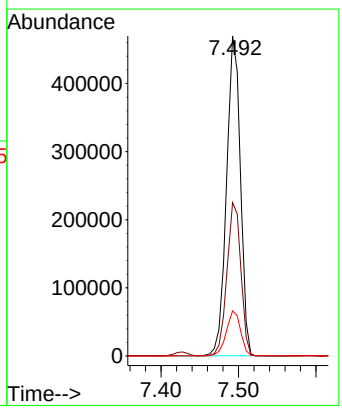


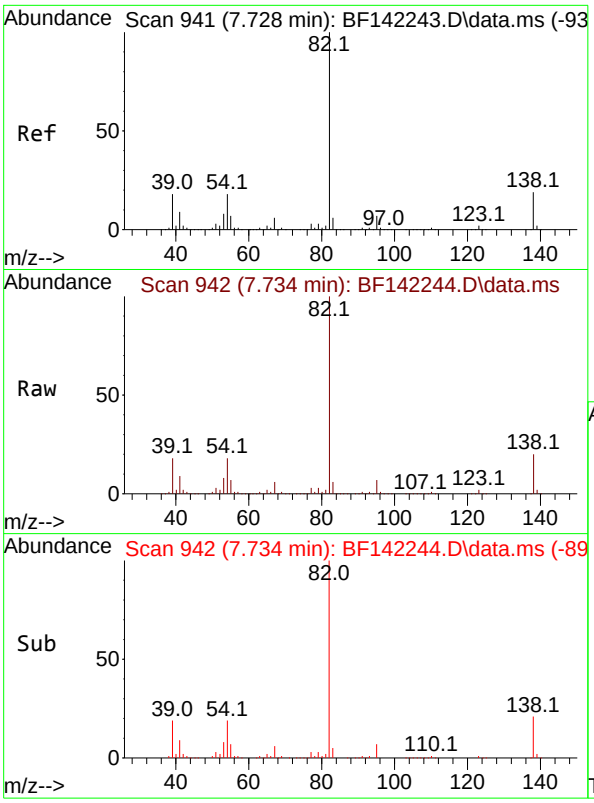


#24
Nitrobenzene
Concen: 56.634 ng
RT: 7.492 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion: 77 Resp: 584670

Ion	Ratio	Lower	Upper
77	100		
123	47.9	38.6	58.0
65	14.1	11.5	17.3

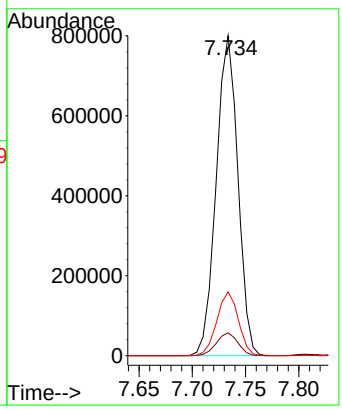




#25
Isophorone
Concen: 51.170 ng
RT: 7.734 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion: 82 Resp: 112993

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	19.9	15.3	22.9



Instrument :
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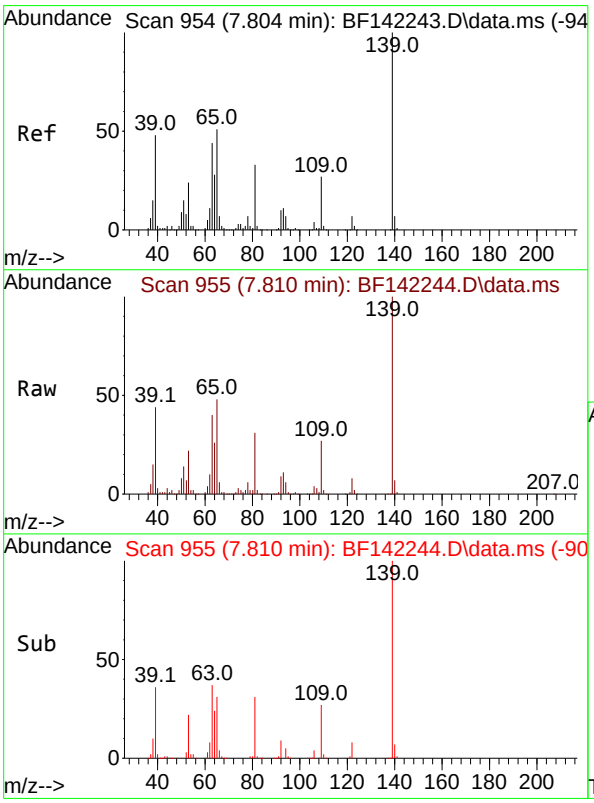
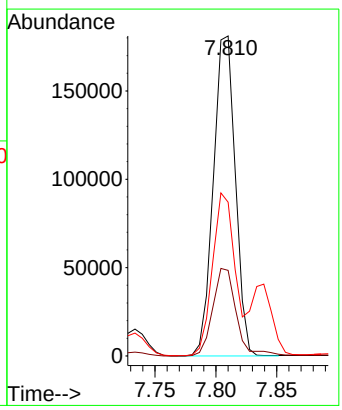
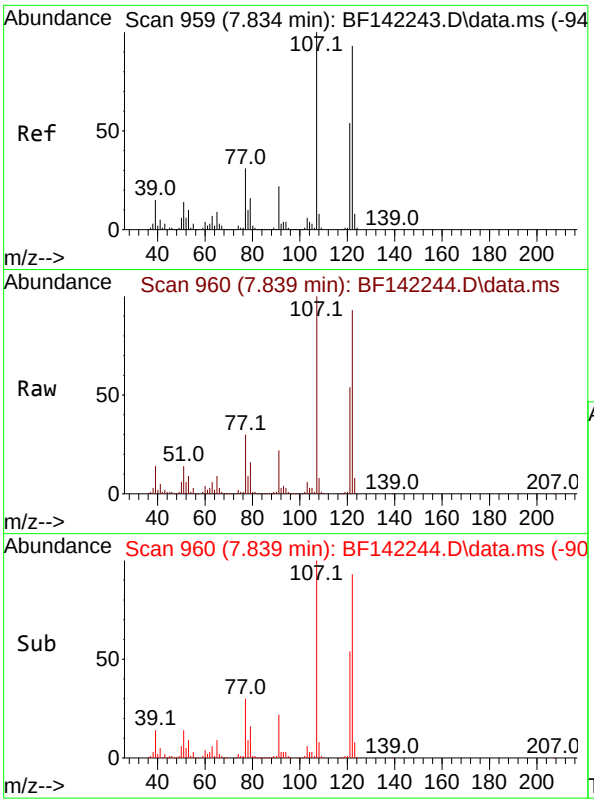


#26
2-Nitrophenol
Concen: 51.526 ng
RT: 7.810 min Scan# 955
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:139 Resp: 228021

Ion	Ratio	Lower	Upper
139	100		
109	26.7	21.8	32.8
65	48.1	41.1	61.7

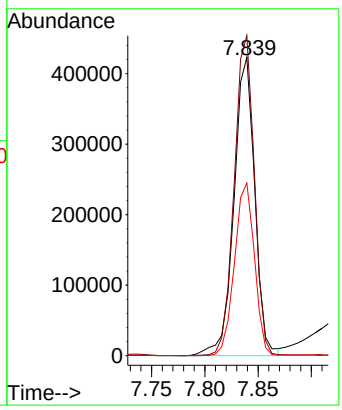




#27
2,4-Dimethylphenol
Concen: 51.741 ng
RT: 7.839 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:122 Resp: 57605

Ion	Ratio	Lower	Upper
122	100		
107	107.3	86.0	129.0
121	57.9	46.3	69.5



Instrument :
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ClientSampleId :
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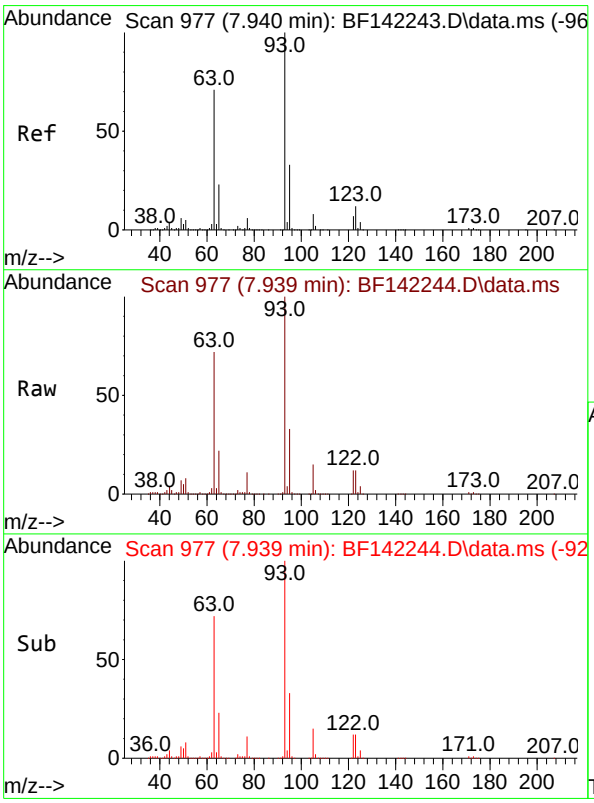
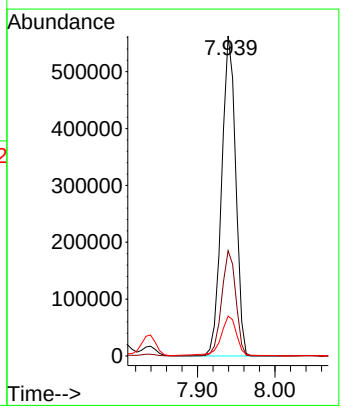
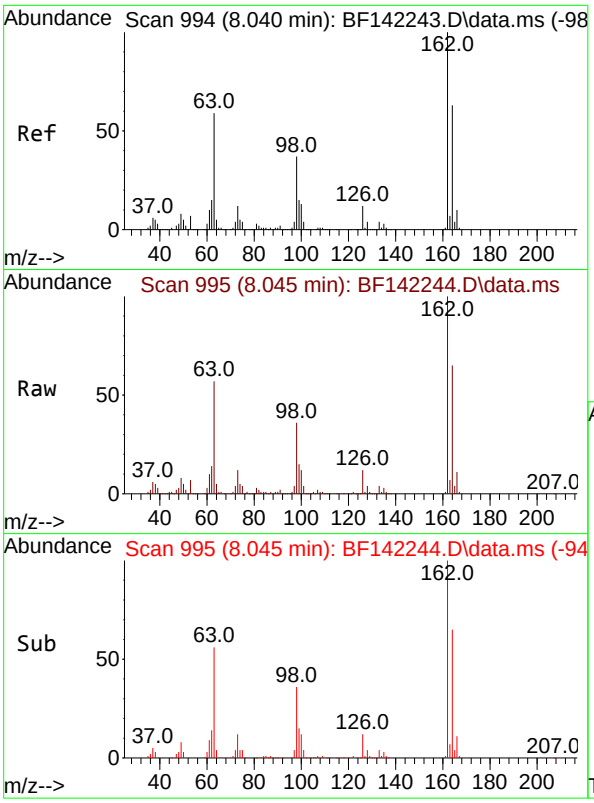


#28
bis(2-Chloroethoxy)methane
Concen: 50.870 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion: 93 Resp: 708439

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.2
123	12.4	9.7	14.5

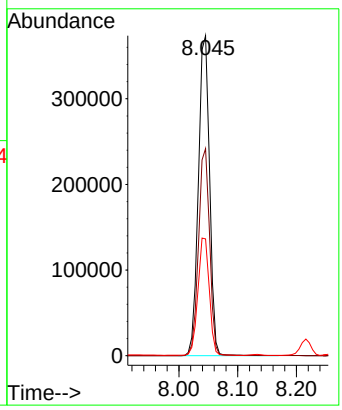




#29
2,4-Dichlorophenol
Concen: 53.125 ng
RT: 8.045 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:162 Resp: 49448

Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.0	83.0
98	36.5	16.7	56.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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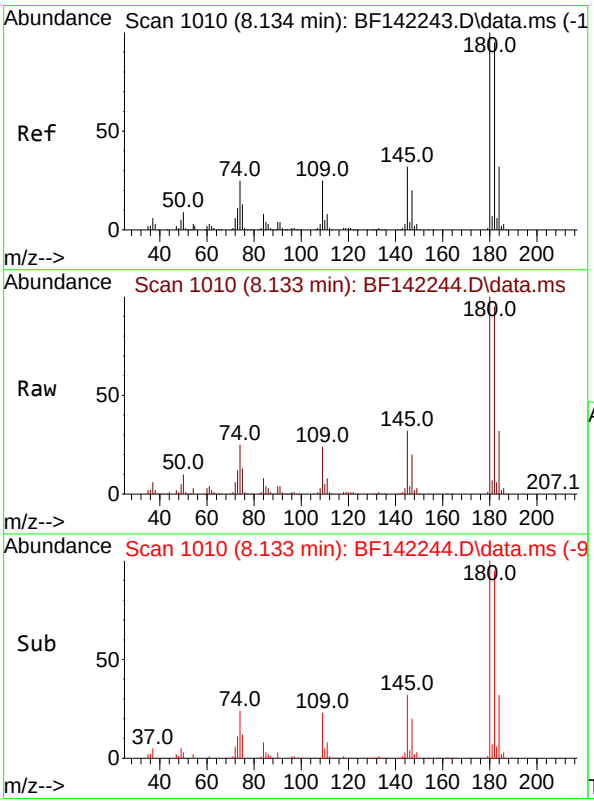
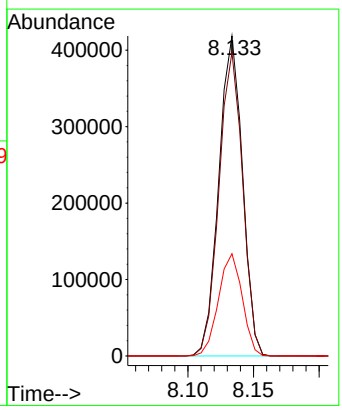
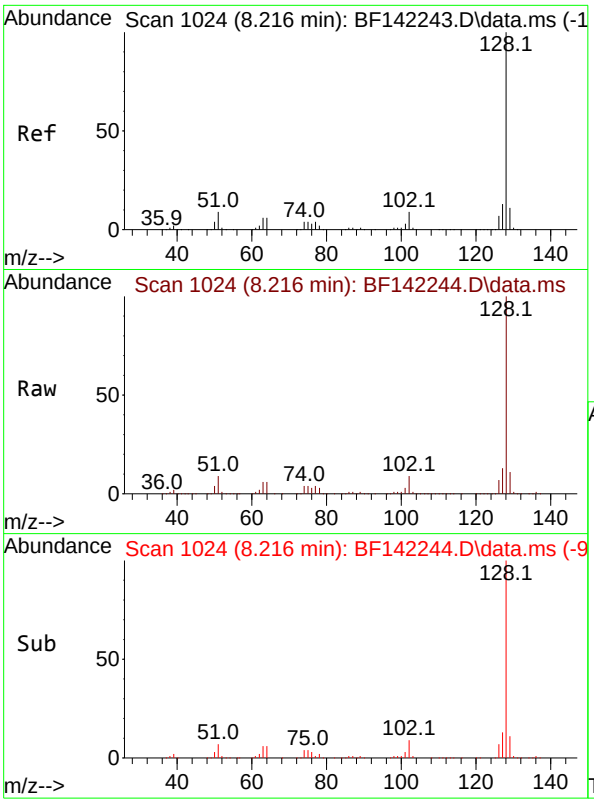


#30
1,2,4-Trichlorobenzene
Concen: 50.497 ng
RT: 8.133 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:180 Resp: 524508

Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.7	113.5
145	32.0	25.4	38.0

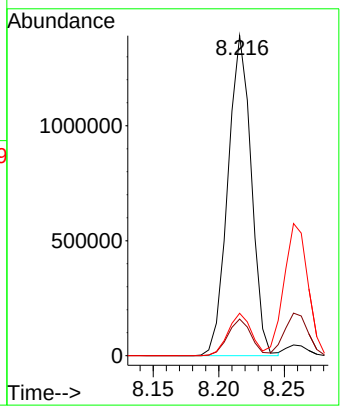




#31
Naphthalene
Concen: 50.064 ng
RT: 8.216 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:128 Resp: 172581

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.3	10.6	15.8



Instrument :
BNA_F
ClientSampleId :
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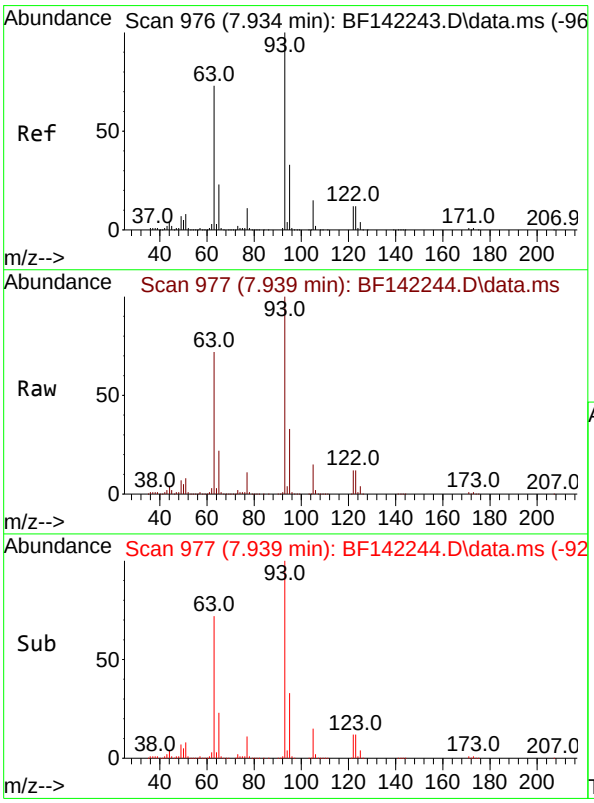
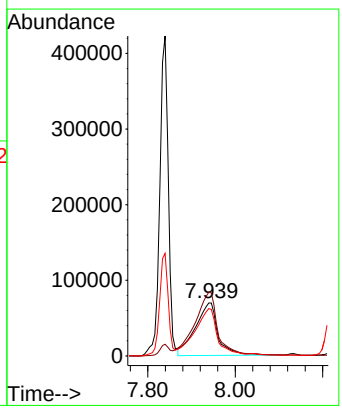
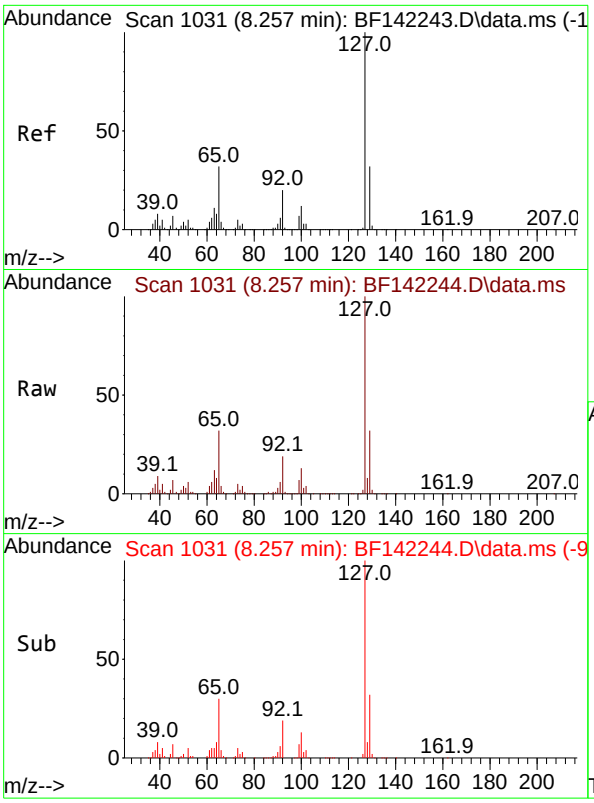


#32
Benzoic acid
Concen: 47.667 ng
RT: 7.939 min Scan# 977
Delta R.T. 0.005 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:122 Resp: 252184

Ion	Ratio	Lower	Upper
122	100		
105	120.1	98.2	138.2
77	89.3	66.8	106.8

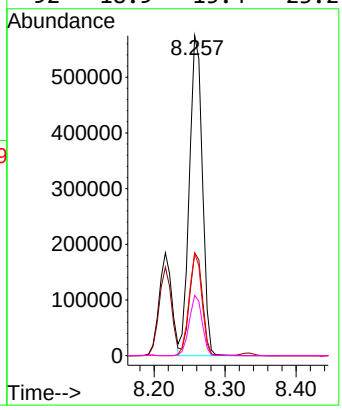




#33
4-Chloroaniline
Concen: 50.914 ng
RT: 8.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:127 Resp: 73086

Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	32.0	25.5	38.3
92	18.9	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
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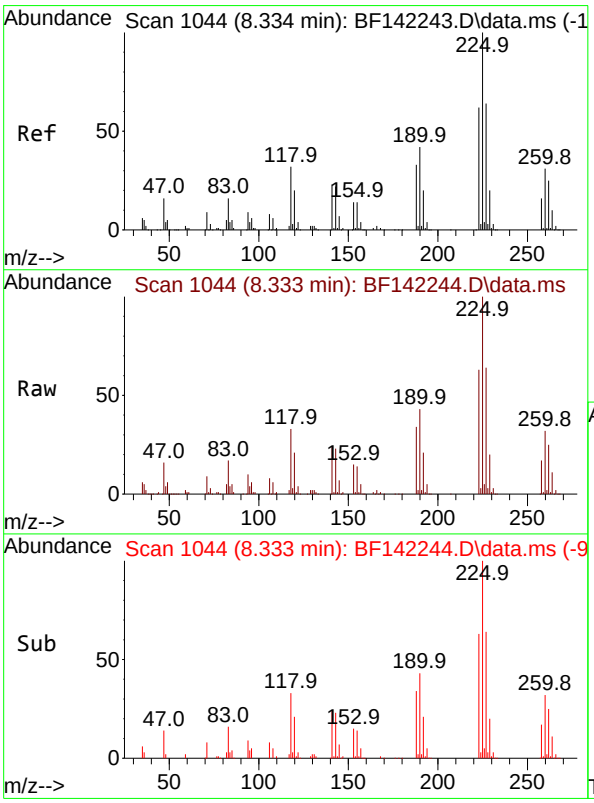
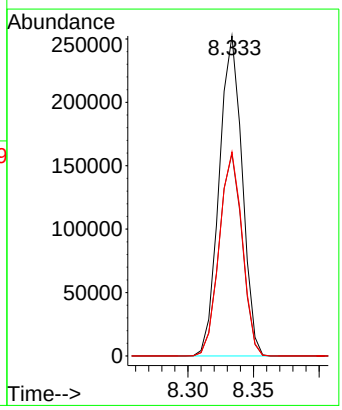
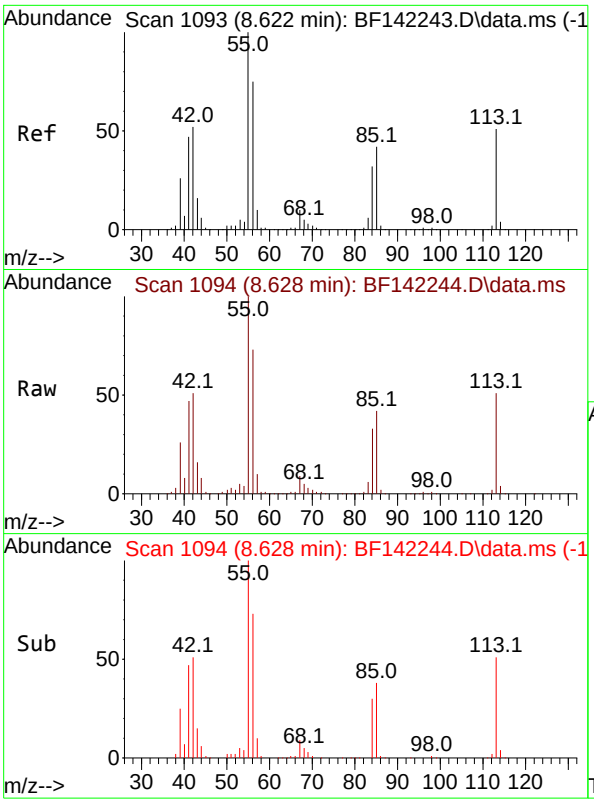


#34
Hexachlorobutadiene
Concen: 50.679 ng
RT: 8.333 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:225 Resp: 307118

Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.7	74.5
227	63.8	51.0	76.4

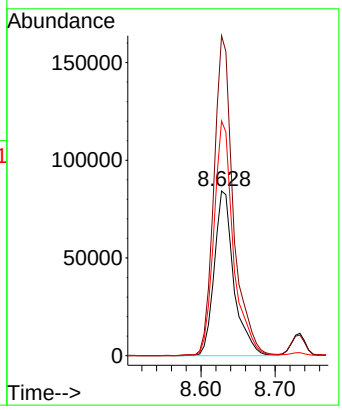




#35
Caprolactam
Concen: 55.251 ng
RT: 8.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:113 Resp: 154579

Ion	Ratio	Lower	Upper
113	100		
55	194.4	177.7	217.7
56	142.7	127.1	167.1



Instrument :
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ClientSampleId :
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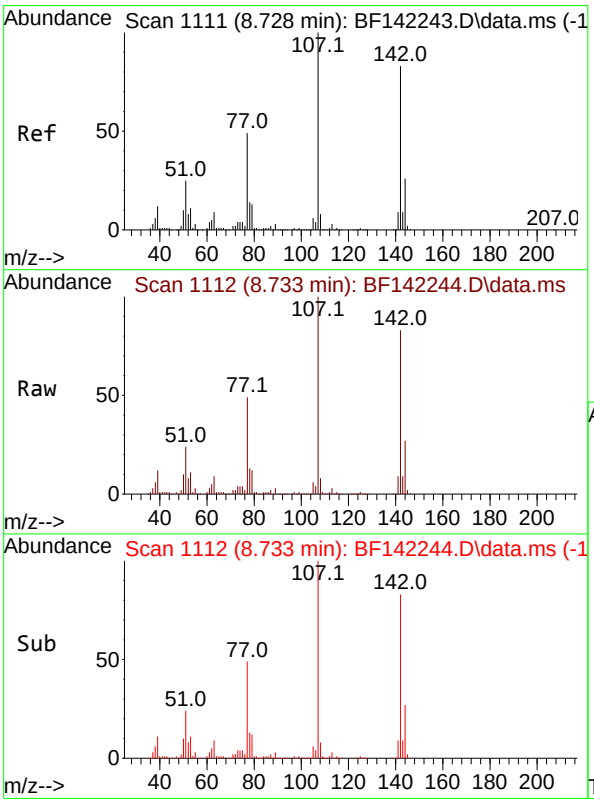
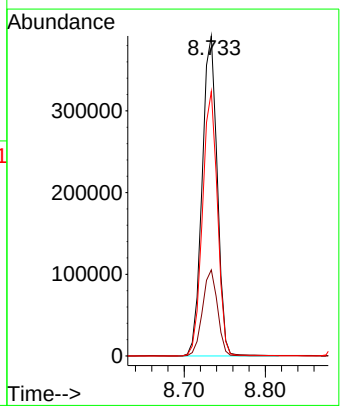
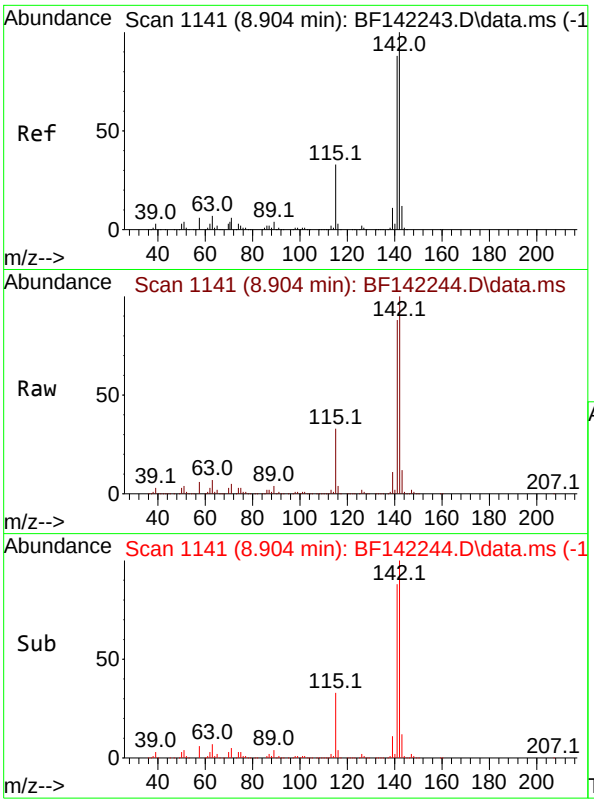


#36
4-Chloro-3-methylphenol
Concen: 52.891 ng
RT: 8.733 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:107 Resp: 505527

Ion	Ratio	Lower	Upper
107	100		
144	26.9	21.0	31.4
142	82.6	66.1	99.1

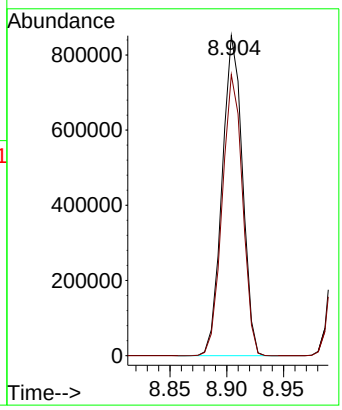




#37
2-Methylnaphthalene
Concen: 49.915 ng
RT: 8.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:142 Resp: 105792

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.5	105.7



Instrument :
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ClientSampleId :
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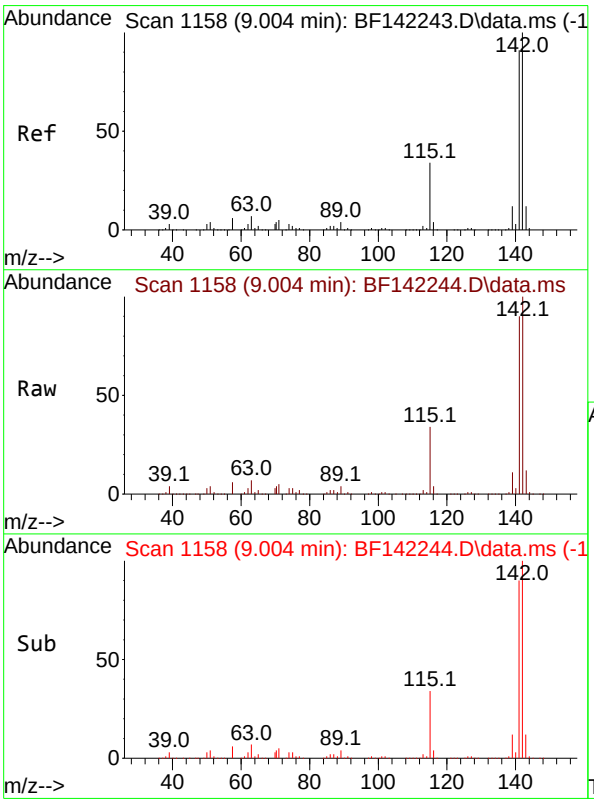
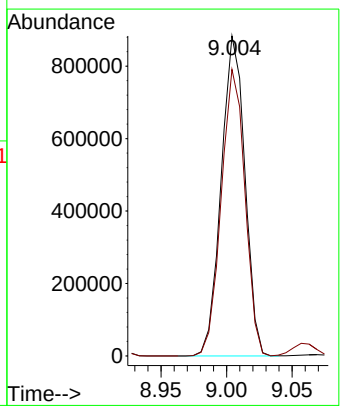
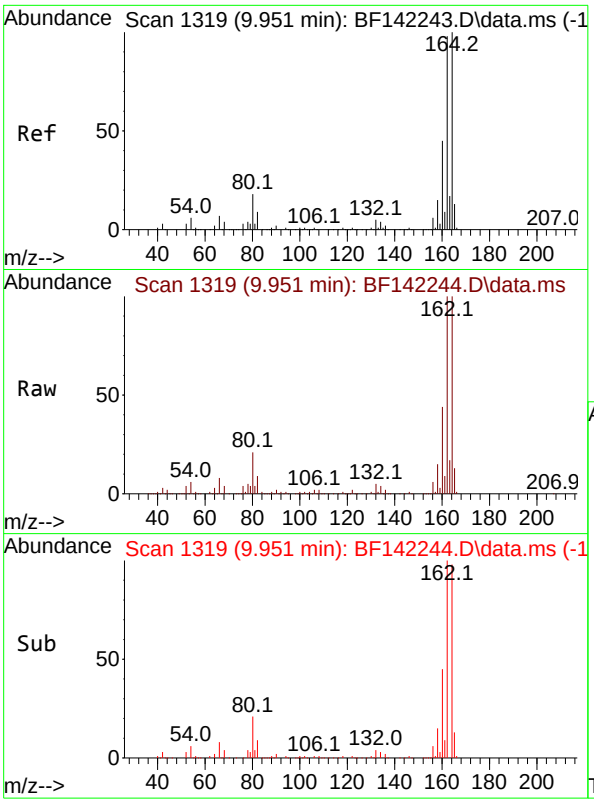


#38
1-Methylnaphthalene
Concen: 50.427 ng
RT: 9.004 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:142 Resp: 1107217

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.8	109.2

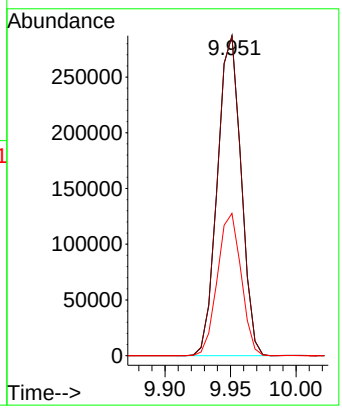




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:164 Resp: 36014

Ion	Ratio	Lower	Upper
164	100		
162	99.8	78.6	117.8
160	44.5	35.7	53.5



Instrument :
BNA_F
ClientSampleId :
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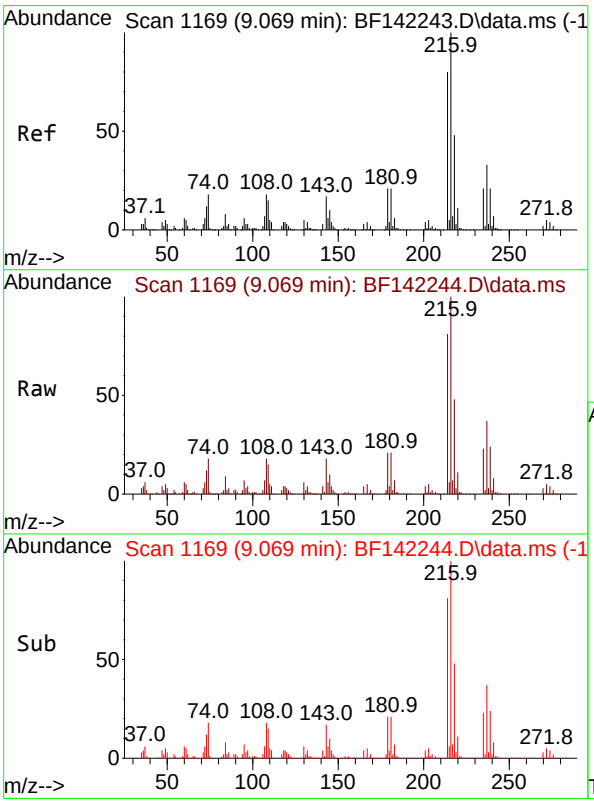
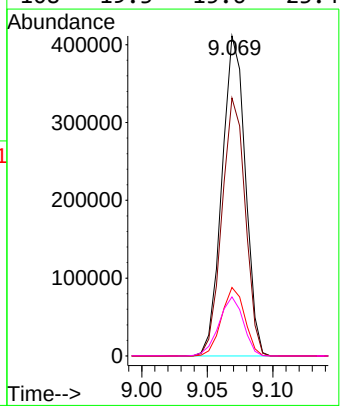
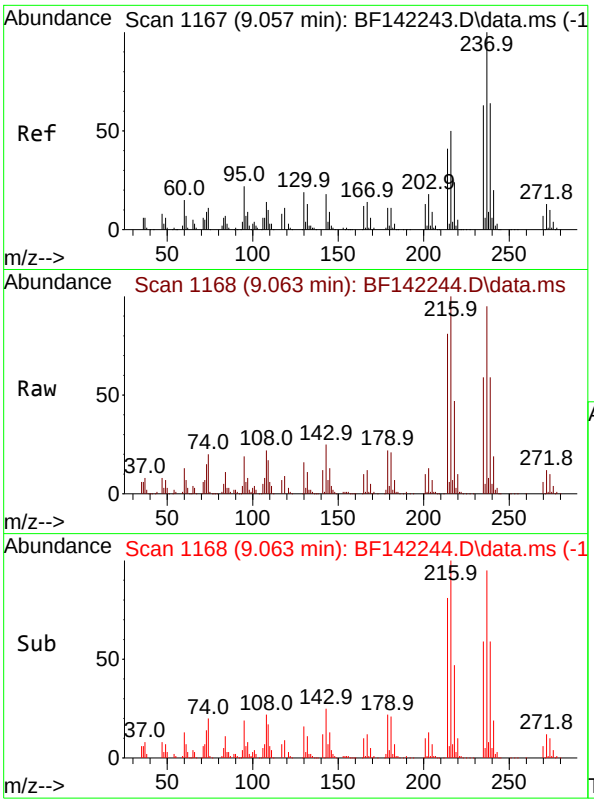


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.261 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:216 Resp: 509426

Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.8	95.6
179	21.3	16.7	25.1
108	19.3	15.6	23.4





#41
Hexachlorocyclopentadiene
Concen: 57.591 ng
RT: 9.063 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:237 Resp: 33128

Ion	Ratio	Lower	Upper
237	100		
235	62.8	43.5	83.5
272	12.9	0.0	32.9

Instrument :
BNA_F
ClientSampleId :
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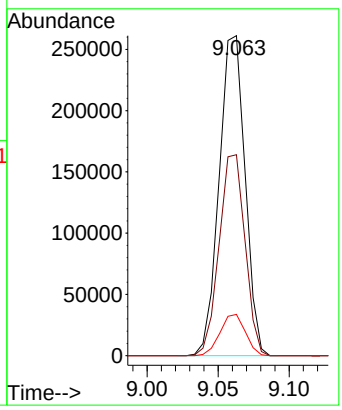
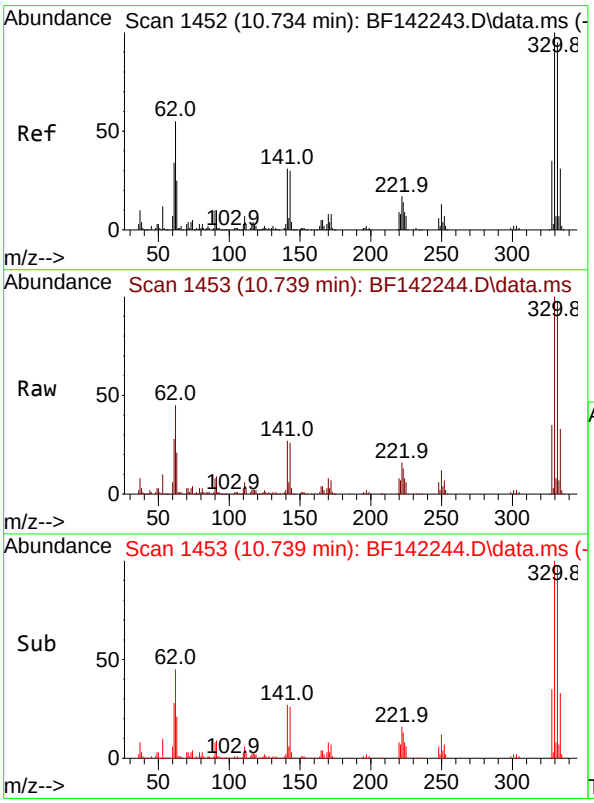
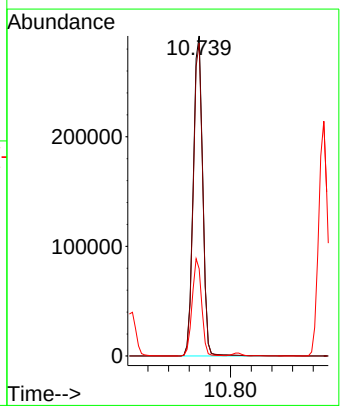


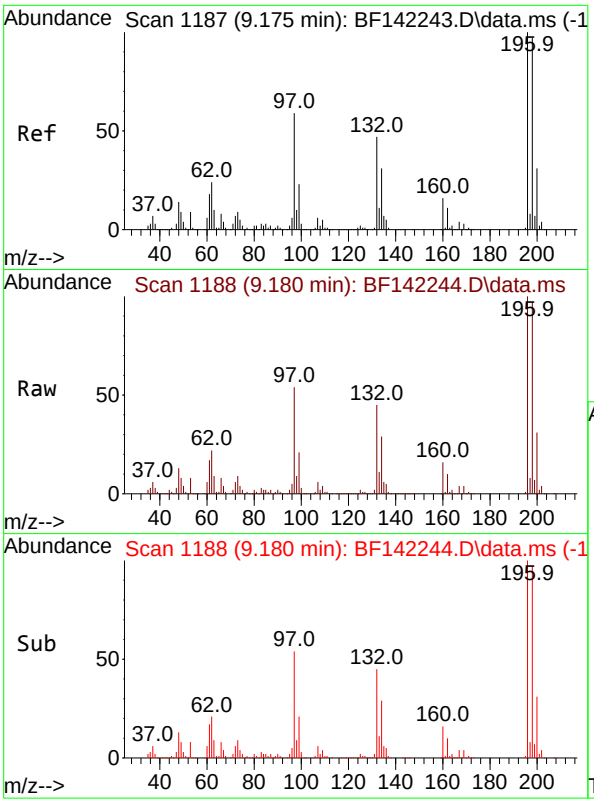


#42
2,4,6-Tribromophenol
Concen: 112.641 ng
RT: 10.739 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:330 Resp: 369823

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.5	114.7
141	30.5	24.3	36.5

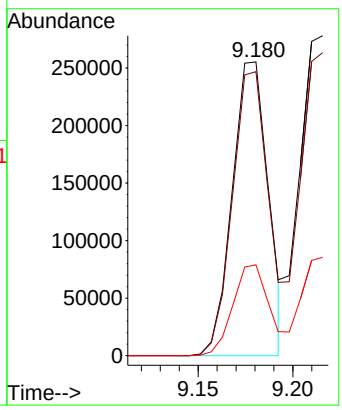




#43
2,4,6-Trichlorophenol
Concen: 53.801 ng
RT: 9.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:196 Resp: 33791

Ion	Ratio	Lower	Upper
196	100		
198	96.7	77.4	116.2
200	30.9	24.6	37.0



Instrument :
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ClientSampleId :
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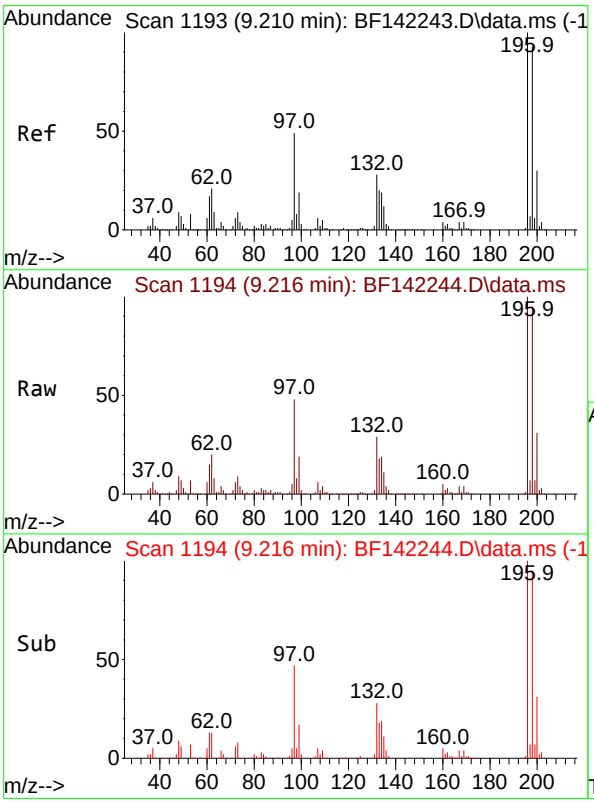
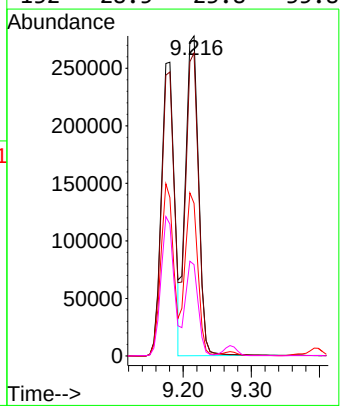
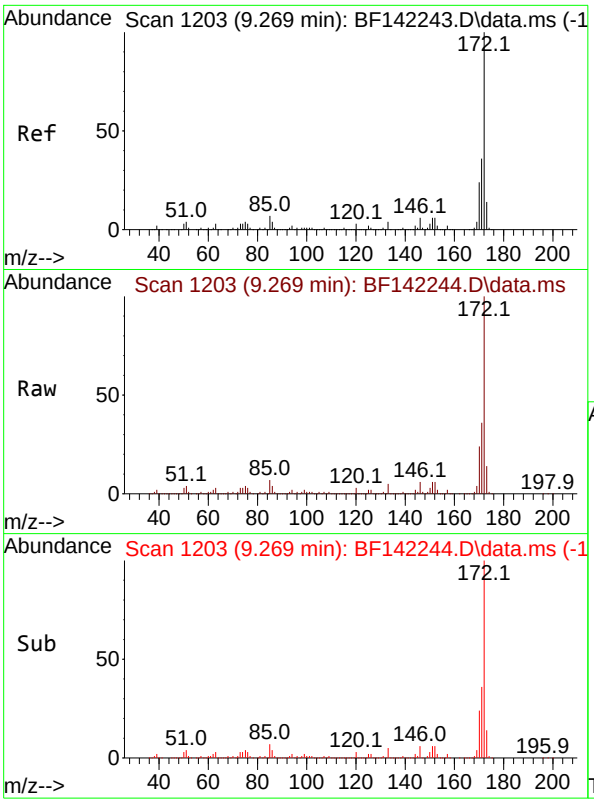


#44
2,4,5-Trichlorophenol
Concen: 56.106 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:196 Resp: 370489

Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.2	112.8
97	47.7	39.8	59.8
132	28.5	23.8	35.8

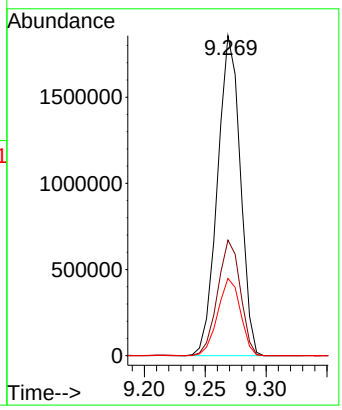




#45
2-Fluorobiphenyl
Concen: 94.966 ng
RT: 9.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:172 Resp: 242570

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.1	19.4	29.0



Instrument :
BNA_F
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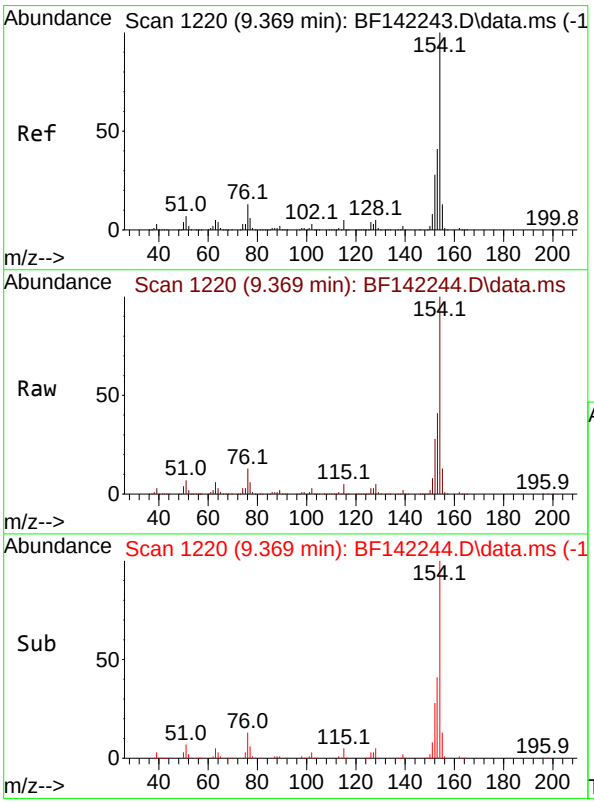
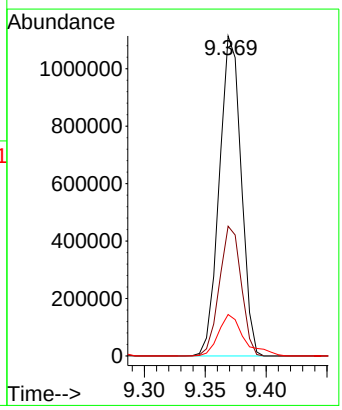
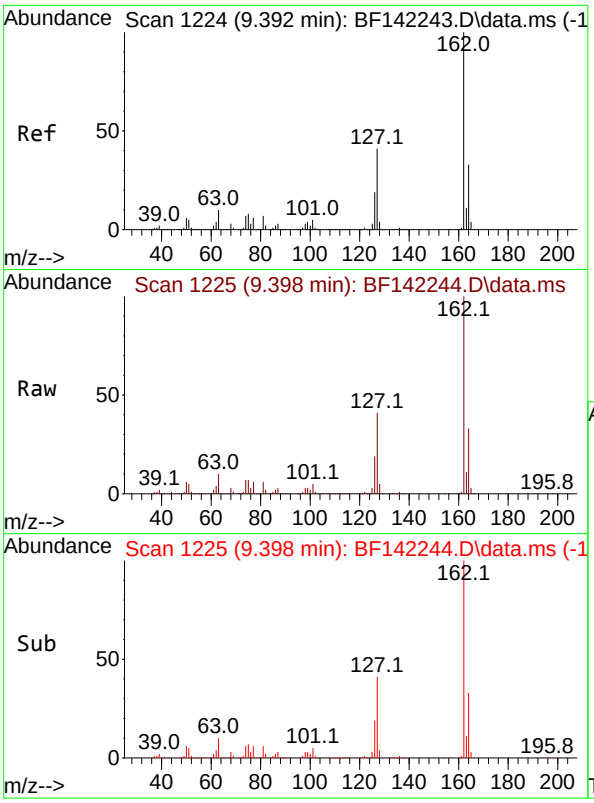


#46
1,1'-Biphenyl
Concen: 49.736 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:154 Resp: 1392513

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.5	60.5
76	13.0	0.0	32.8

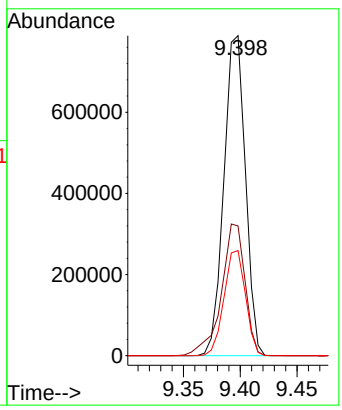




#47
2-Chloronaphthalene
Concen: 50.015 ng
RT: 9.398 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:162 Resp: 104184

Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.6	49.0
164	32.9	26.1	39.1



Instrument :
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ClientSampleId :
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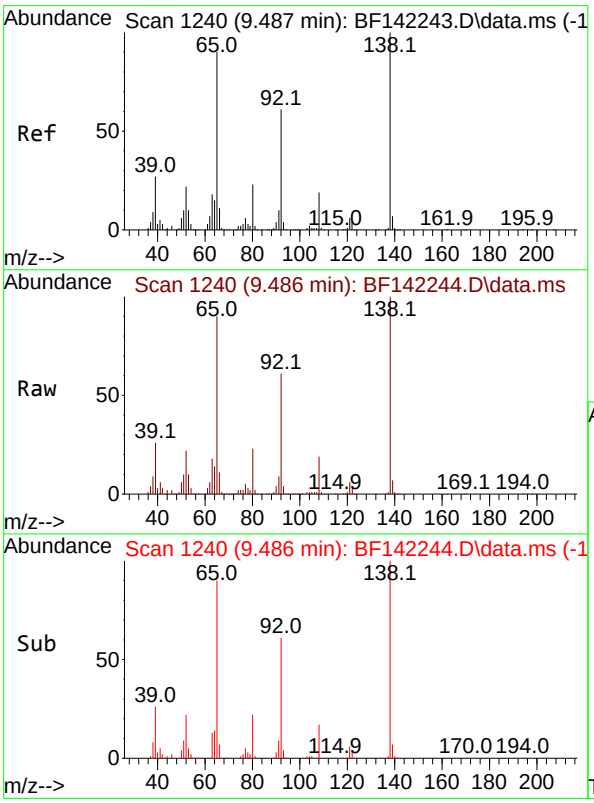
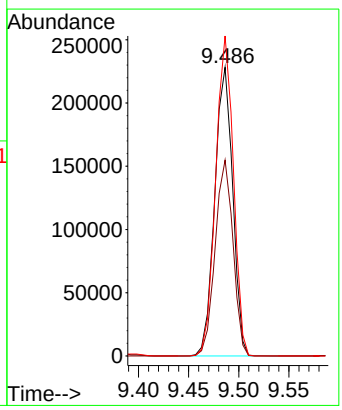
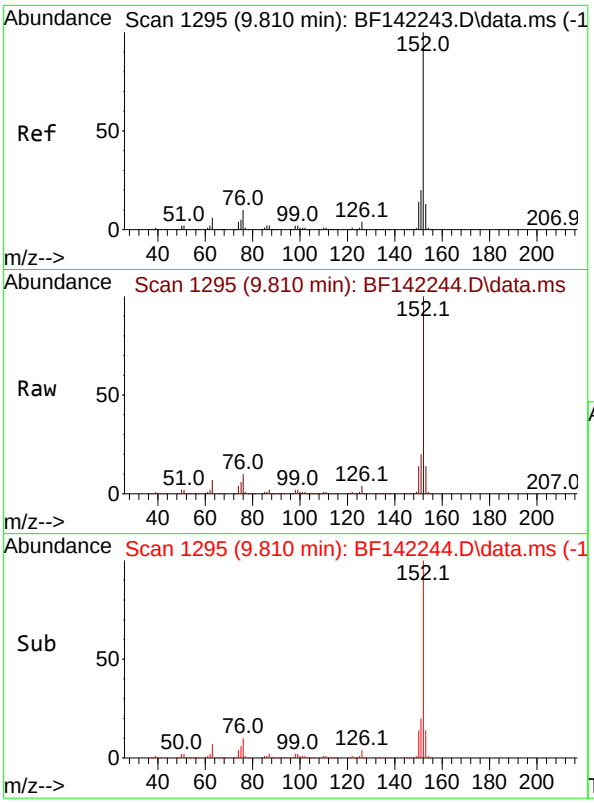


#48
2-Nitroaniline
Concen: 51.394 ng
RT: 9.486 min Scan# 1240
Delta R.T. -0.001 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion: 65 Resp: 284370

Ion	Ratio	Lower	Upper
65	100		
92	67.9	54.3	81.5
138	110.9	88.6	133.0

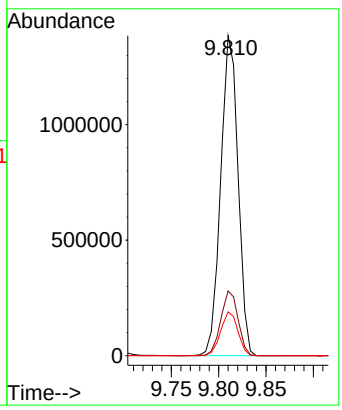




#49
Acenaphthylene
Concen: 50.339 ng
RT: 9.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:152 Resp: 176944

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.7	10.7	16.1



Instrument :
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ClientSampleId :
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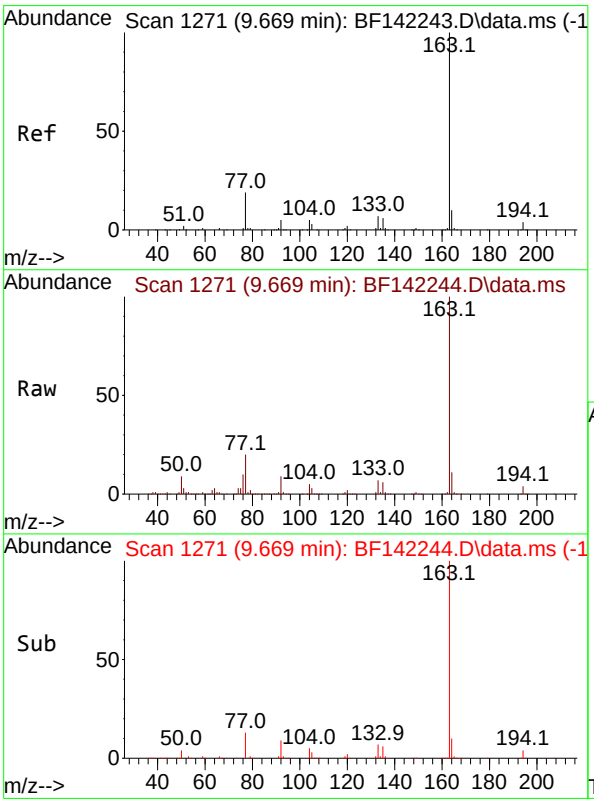
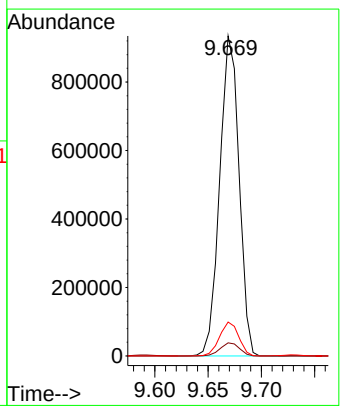
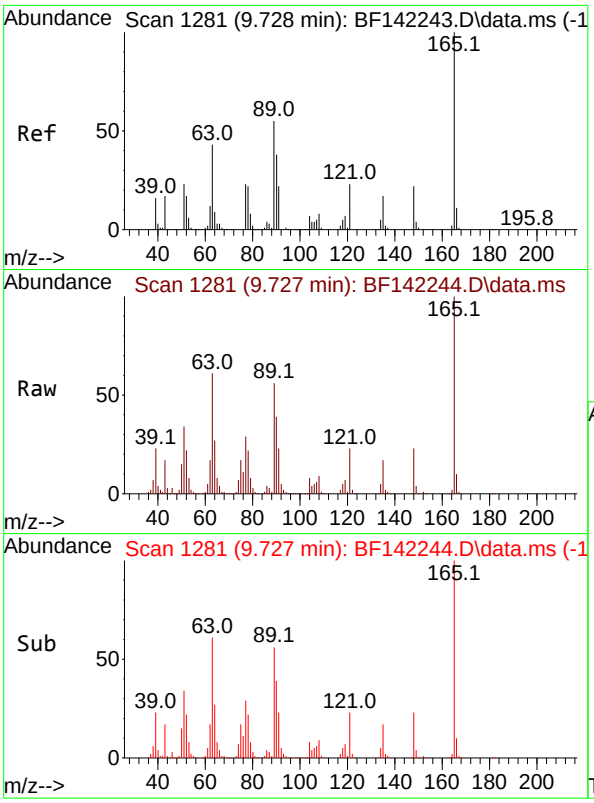


#50
Dimethylphthalate
Concen: 51.156 ng
RT: 9.669 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:163 Resp: 1178638

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.6	8.2	12.2

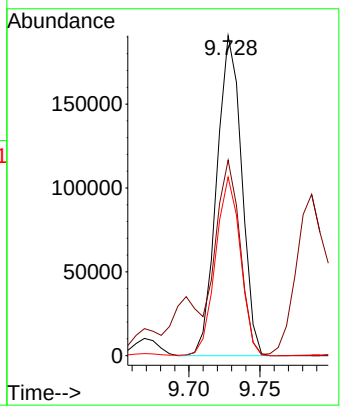




#51
2,6-Dinitrotoluene
Concen: 52.309 ng
RT: 9.727 min Scan# 1
Delta R.T. -0.001 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:165 Resp: 23290

Ion	Ratio	Lower	Upper
165	100		
63	61.1	48.5	72.7
89	55.8	43.9	65.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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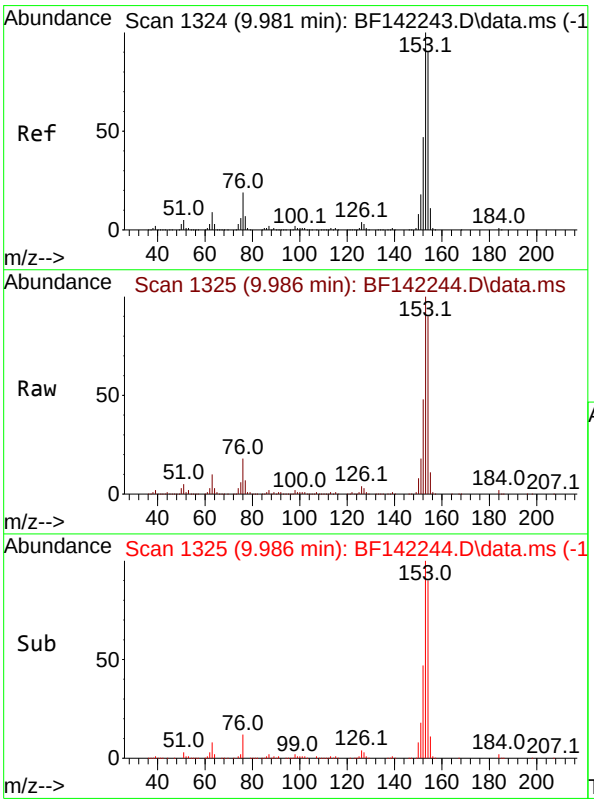
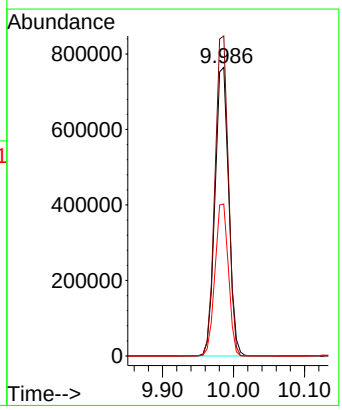
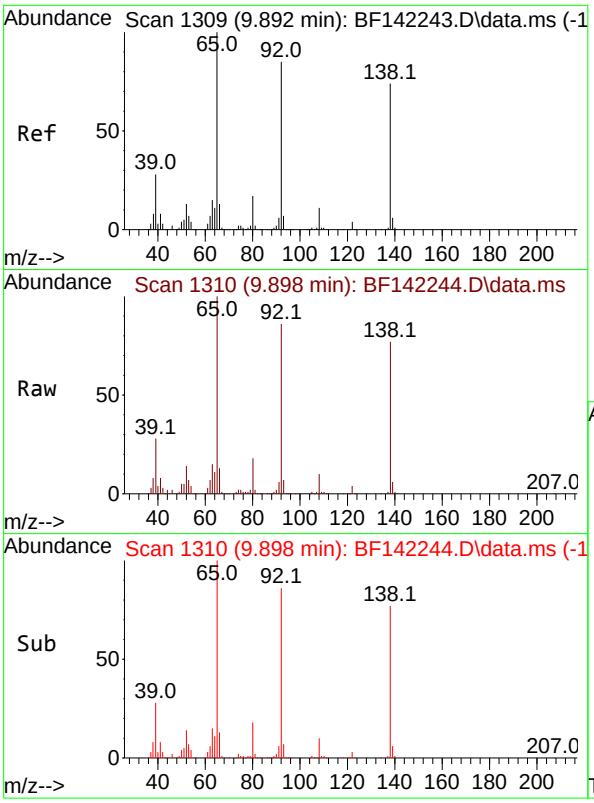


#52
Acenaphthene
Concen: 49.912 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:154 Resp: 1024409

Ion	Ratio	Lower	Upper
154	100		
153	110.9	88.6	133.0
152	52.7	42.1	63.1

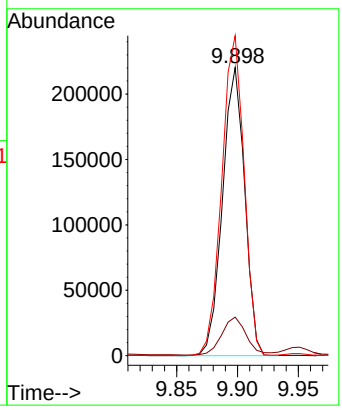




#53
3-Nitroaniline
Concen: 51.745 ng
RT: 9.898 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:138 Resp: 27960

Ion	Ratio	Lower	Upper
138	100		
108	13.4	11.7	17.5
92	111.0	91.2	136.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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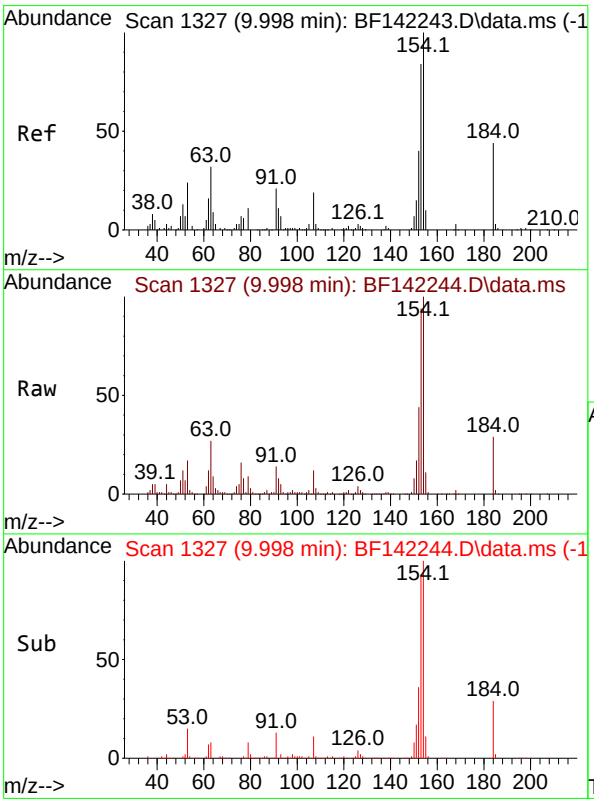
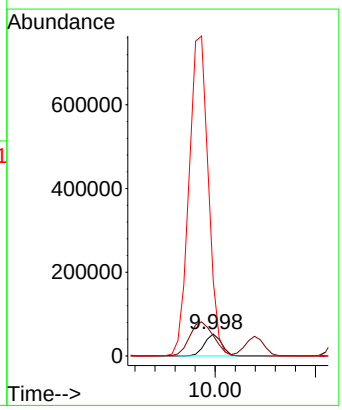
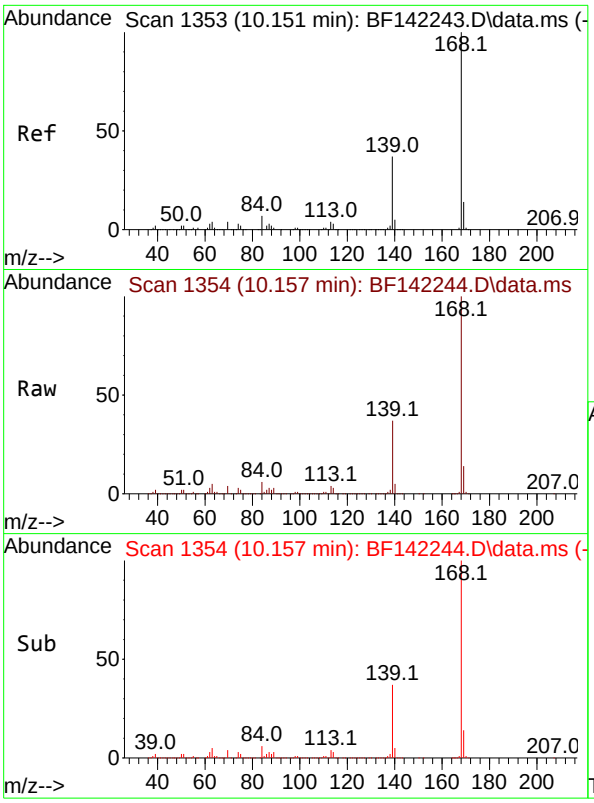


#54
2,4-Dinitrophenol
Concen: 50.725 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:184 Resp: 62086

Ion	Ratio	Lower	Upper
184	100		
63	92.9	69.2	103.8
154	342.0	271.4	407.2

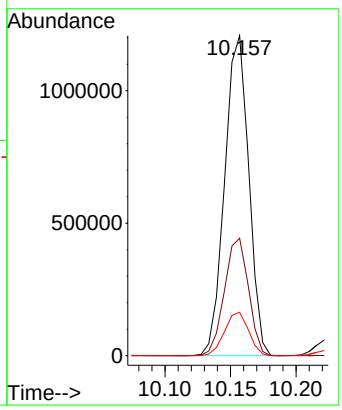




#55
Dibenzofuran
Concen: 50.123 ng
RT: 10.157 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:168 Resp: 154209

Ion	Ratio	Lower	Upper
168	100		
139	36.7	29.4	44.0
169	13.6	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
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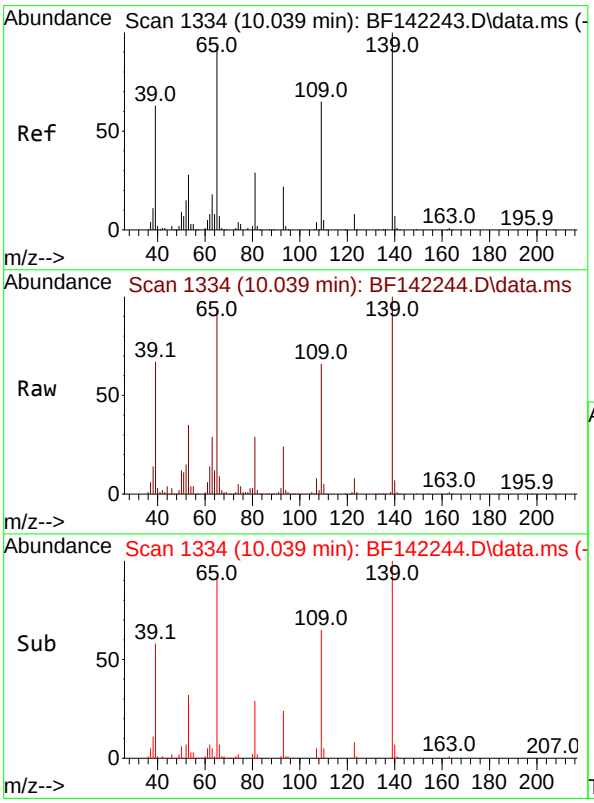
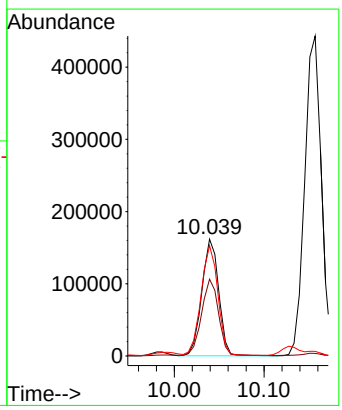
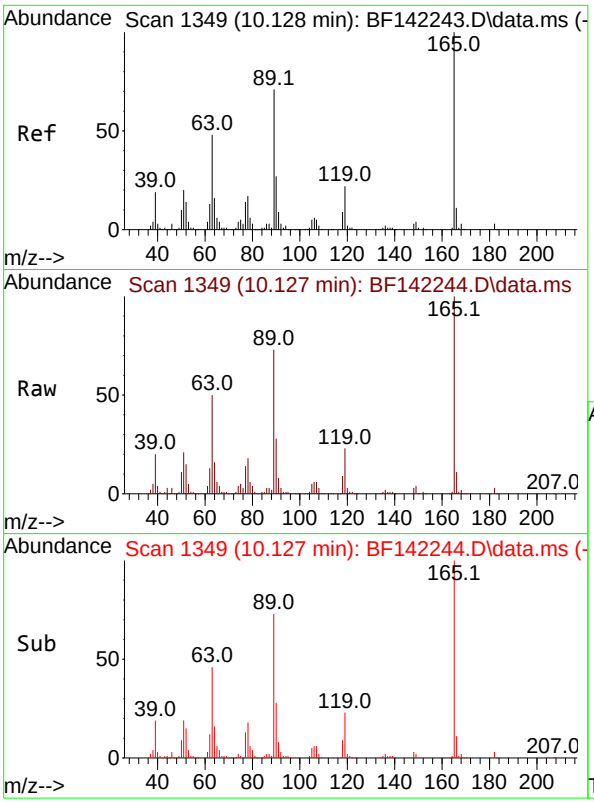


#56
4-Nitrophenol
Concen: 58.029 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:139 Resp: 210153

Ion	Ratio	Lower	Upper
139	100		
109	65.7	44.9	84.9
65	94.5	74.7	114.7

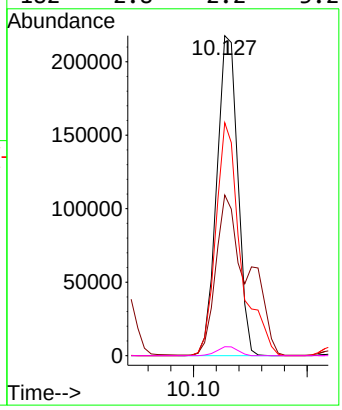




#57
2,4-Dinitrotoluene
Concen: 51.918 ng
RT: 10.127 min Scan# 1
Delta R.T. -0.001 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:165 Resp: 28019

Ion	Ratio	Lower	Upper
165	100		
63	50.2	38.8	58.2
89	72.8	57.1	85.7
182	2.8	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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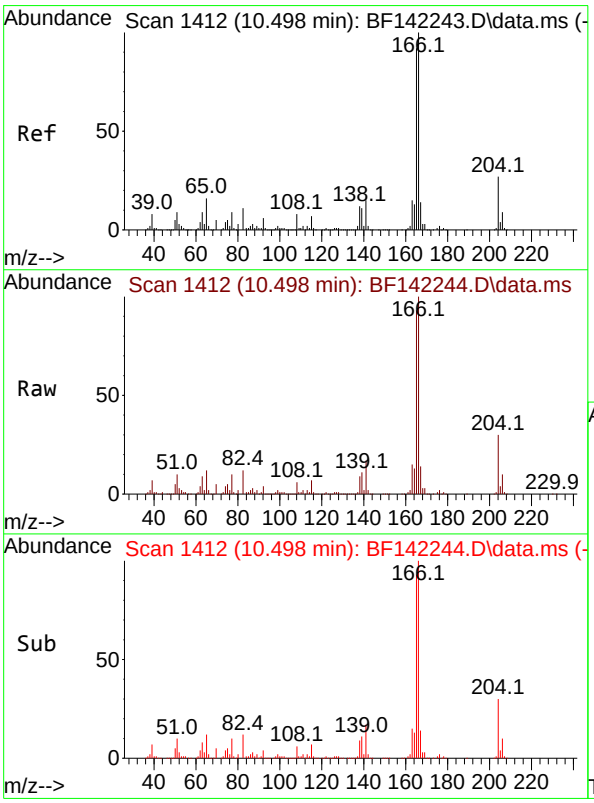
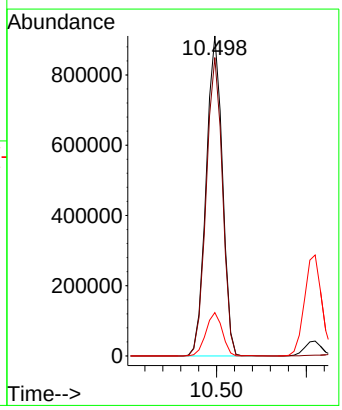
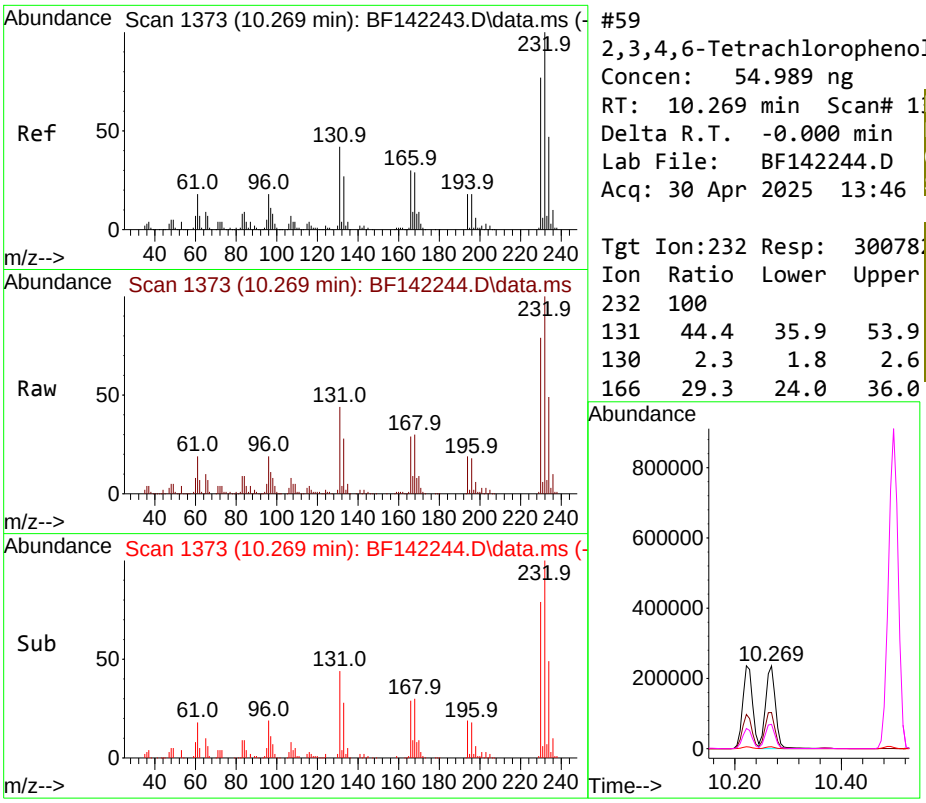


#58
Fluorene
Concen: 49.000 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:166 Resp: 1146269

Ion	Ratio	Lower	Upper
166	100		
165	93.2	73.9	110.9
167	13.6	10.8	16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.989 ng
RT: 10.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:232 Resp: 30078

Ion	Ratio	Lower	Upper
232	100		
131	44.4	35.9	53.9
130	2.3	1.8	2.6
166	29.3	24.0	36.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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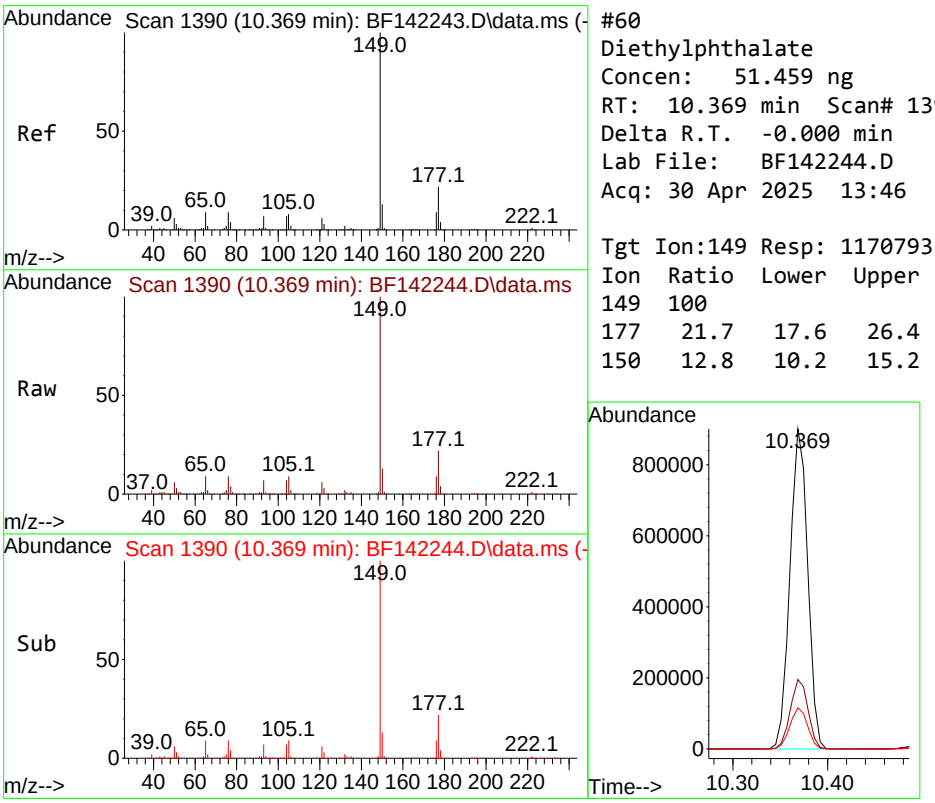
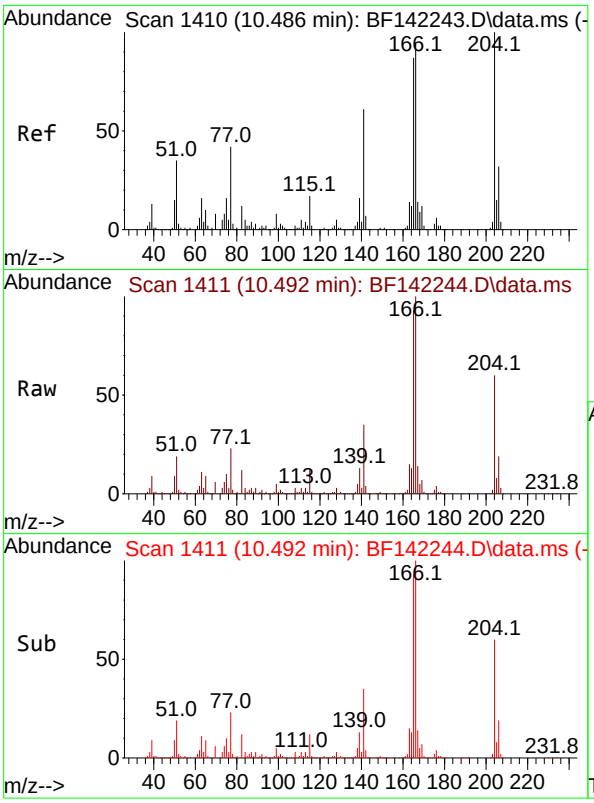


#60
Diethylphthalate
Concen: 51.459 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:149 Resp: 1170793

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.6	26.4
150	12.8	10.2	15.2



#61
4-Chlorophenyl-phenylether
Concen: 49.802 ng
RT: 10.492 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:204 Resp: 55327

Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.6	38.4
141	58.9	48.9	73.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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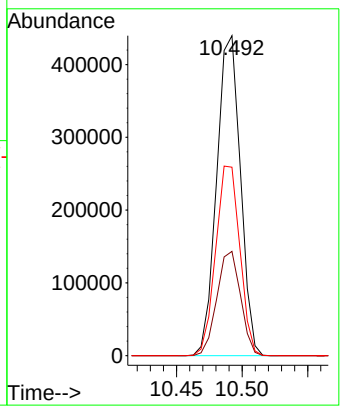
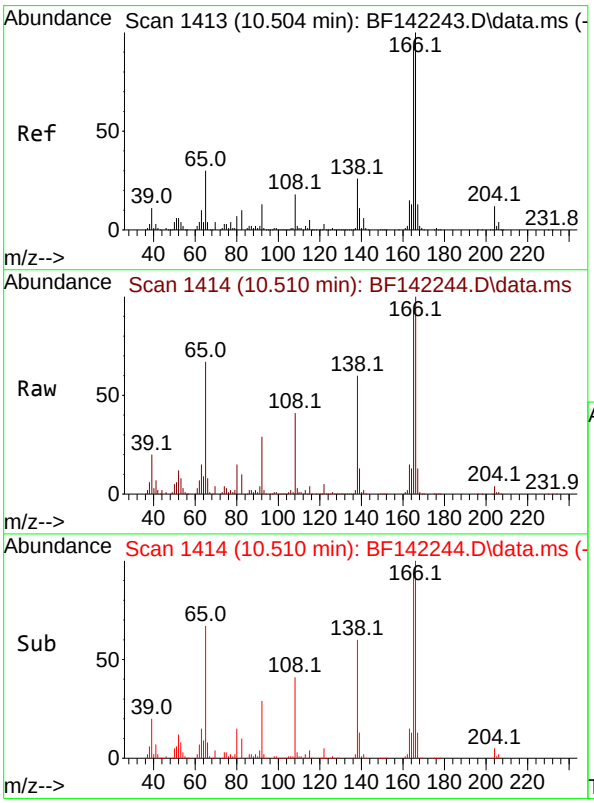
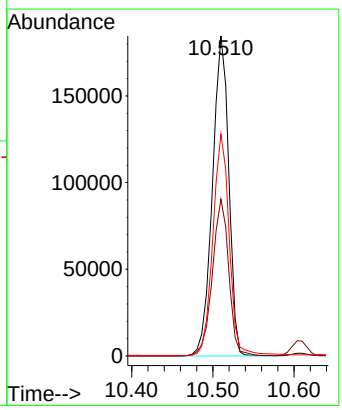


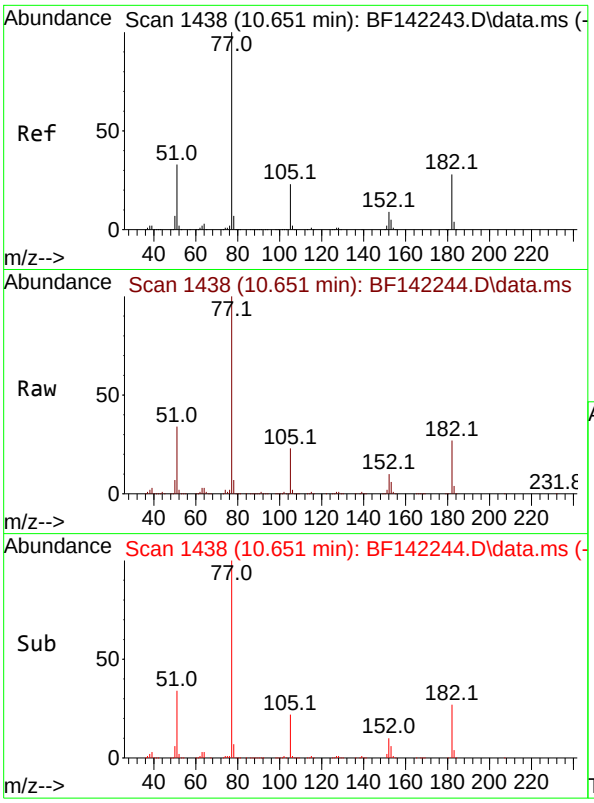


#62
4-Nitroaniline
Concen: 52.547 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:138 Resp: 258117

Ion	Ratio	Lower	Upper
138	100		
92	49.0	29.2	69.2
108	69.4	49.1	89.1

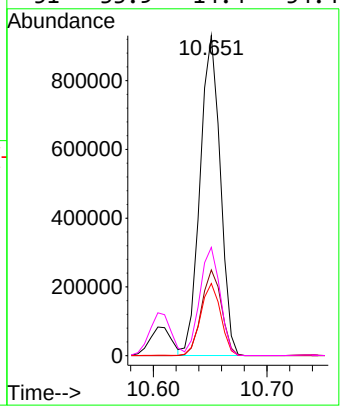




#63
Azobenzene
Concen: 51.226 ng
RT: 10.651 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion: 77 Resp: 115089

Ion	Ratio	Lower	Upper
77	100		
182	26.8	7.3	47.3
105	22.6	2.5	42.5
51	33.9	14.4	54.4



Instrument :
BNA_F
ClientSampleId :
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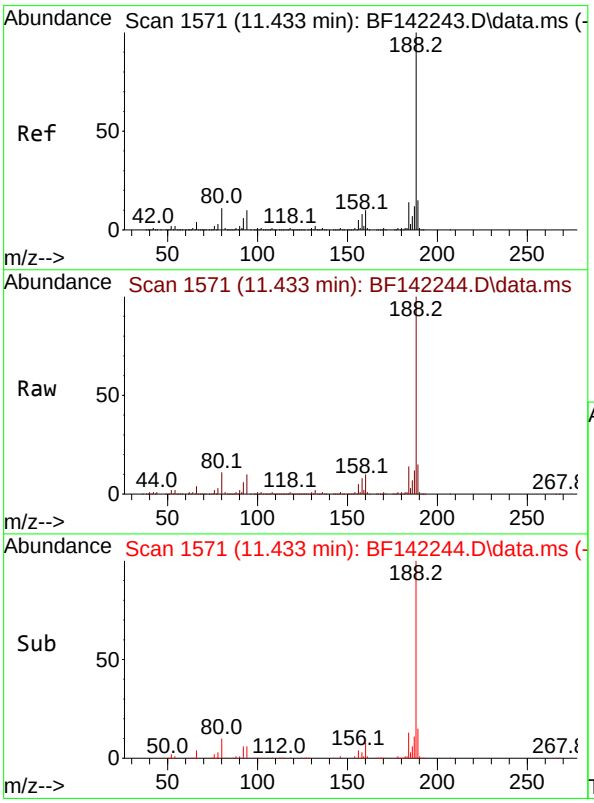
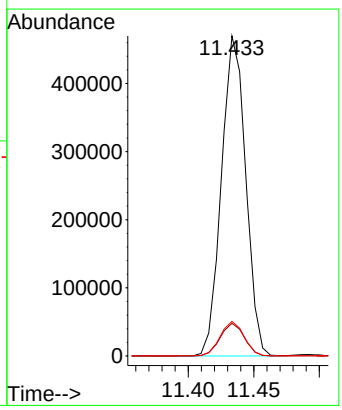
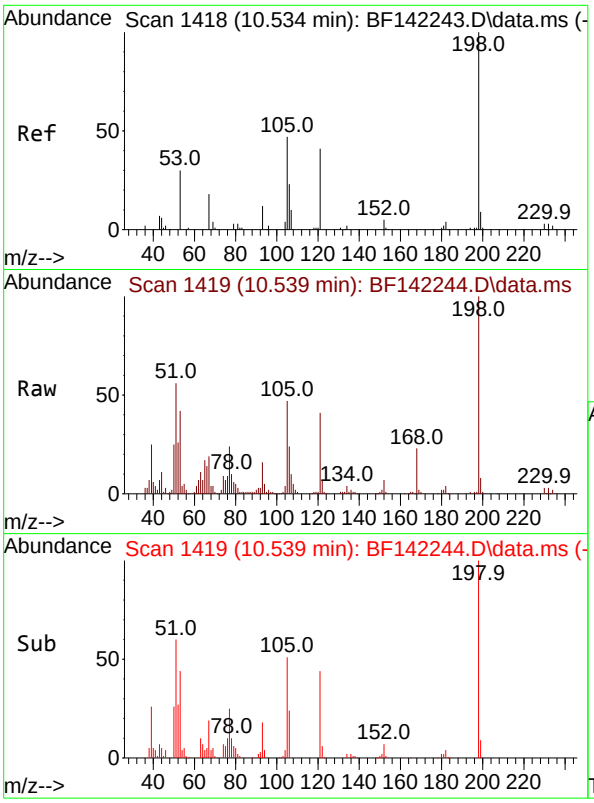


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:188 Resp: 604171

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.2
80	10.8	8.6	12.8

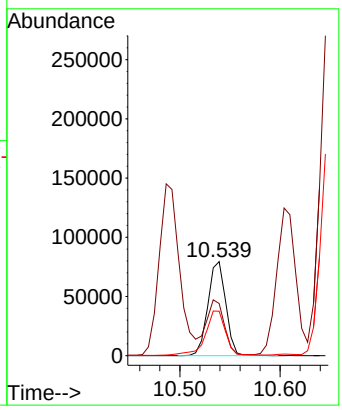




#65
4,6-Dinitro-2-methylphenol
Concen: 49.012 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.005 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:198 Resp: 9811

Ion	Ratio	Lower	Upper
198	100		
51	55.5	40.6	80.6
105	47.3	29.2	69.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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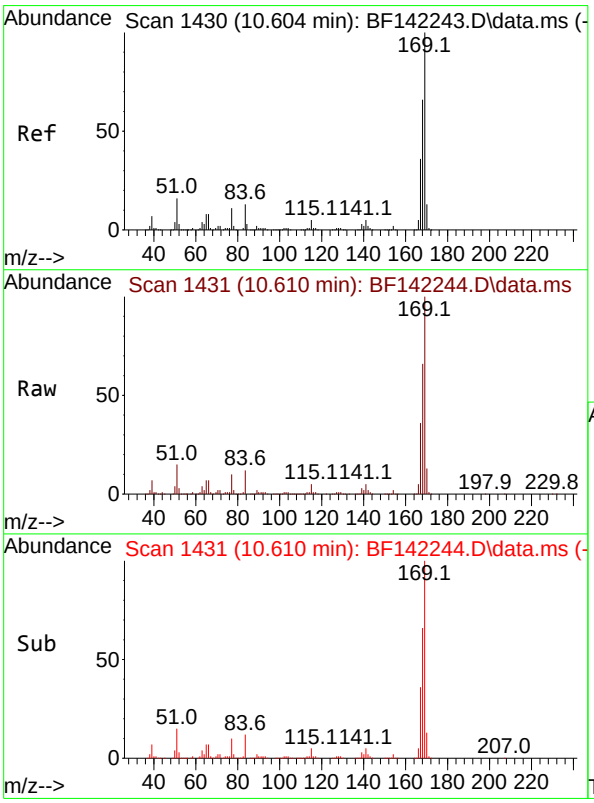
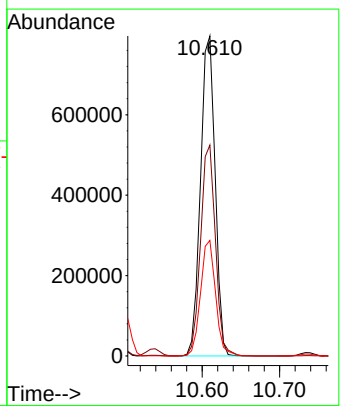
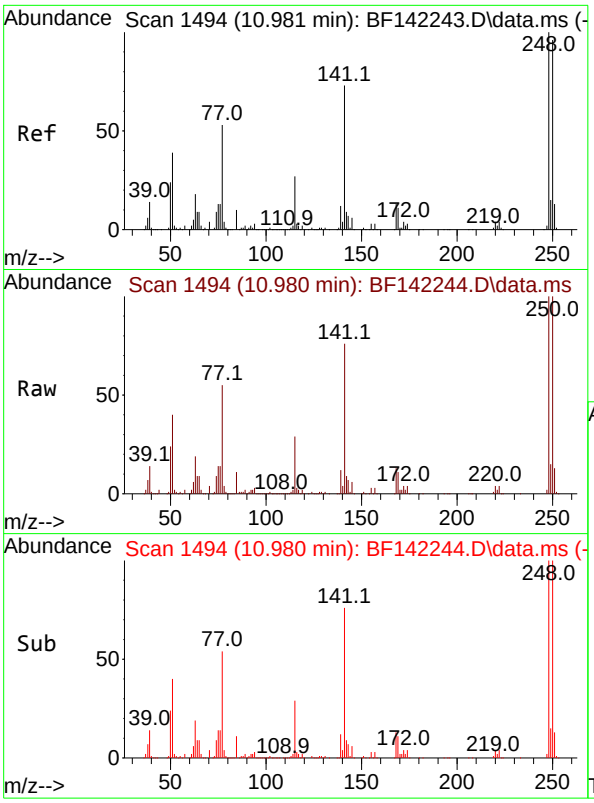


#66
n-Nitrosodiphenylamine
Concen: 50.442 ng
RT: 10.610 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:169 Resp: 1041277

Ion	Ratio	Lower	Upper
169	100		
168	65.9	53.0	79.6
167	36.1	28.8	43.2

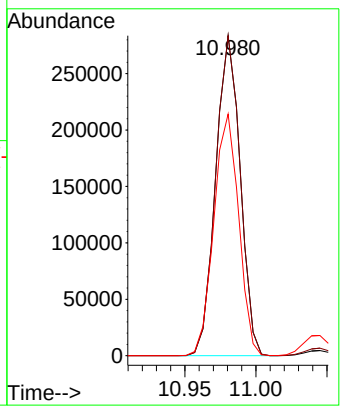




#67
4-Bromophenyl-phenylether
Concen: 50.576 ng
RT: 10.980 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:248 Resp: 34029

Ion	Ratio	Lower	Upper
248	100		
250	100.0	77.2	115.8
141	75.5	58.4	87.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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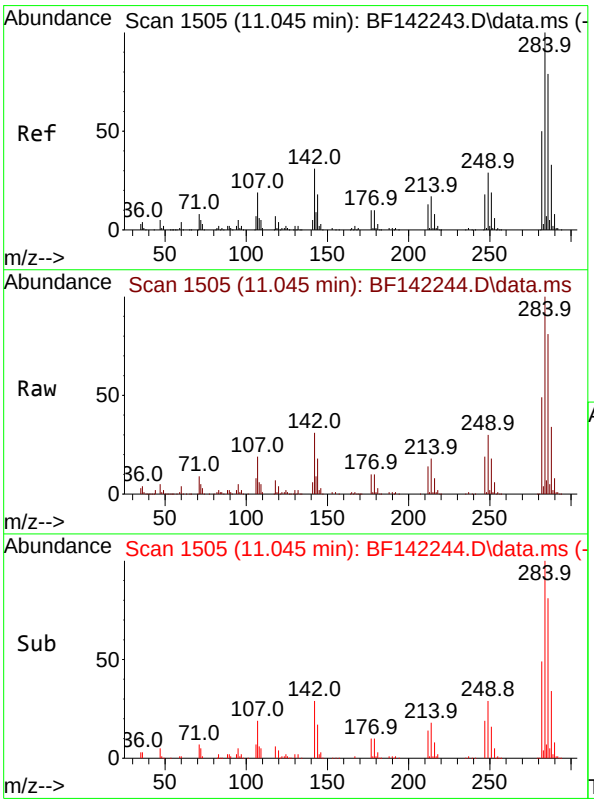
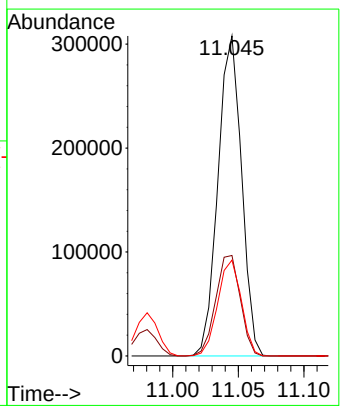
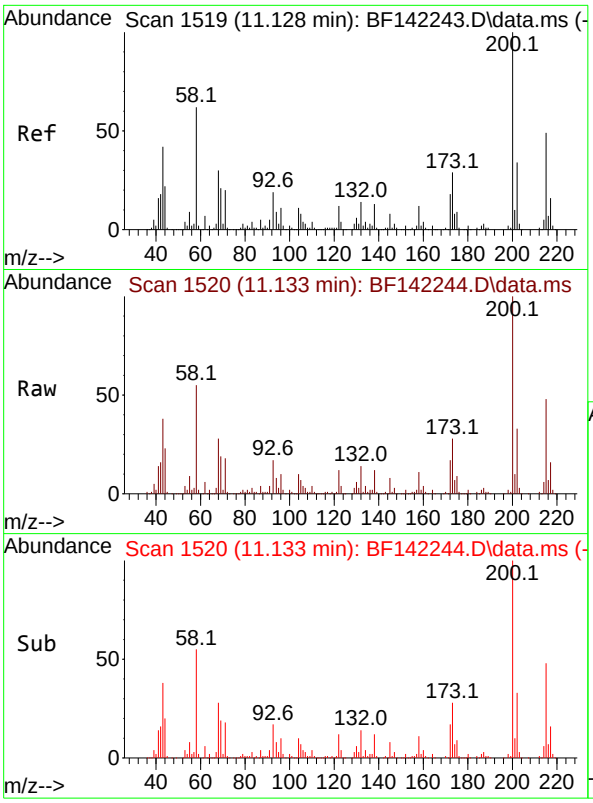


#68
Hexachlorobenzene
Concen: 51.064 ng
RT: 11.045 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:284 Resp: 384807

Ion	Ratio	Lower	Upper
284	100		
142	31.4	24.6	37.0
249	30.0	23.2	34.8

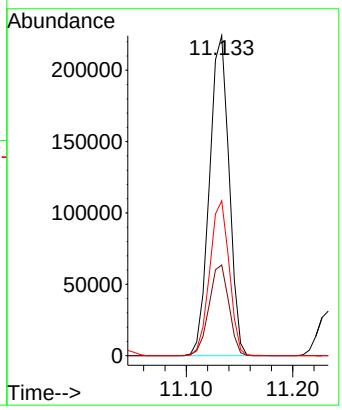




#69
Atrazine
Concen: 52.819 ng
RT: 11.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:200 Resp: 28740

Ion	Ratio	Lower	Upper
200	100		
173	28.4	8.6	48.6
215	48.4	28.5	68.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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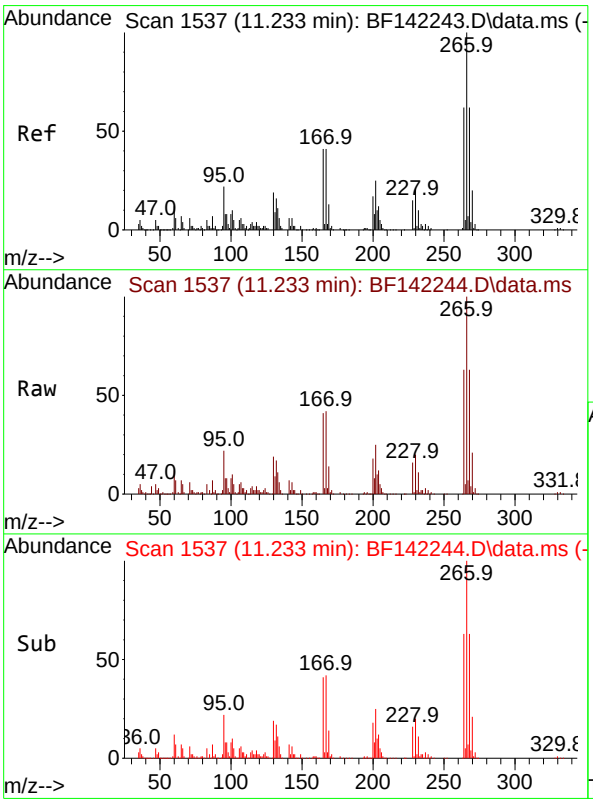
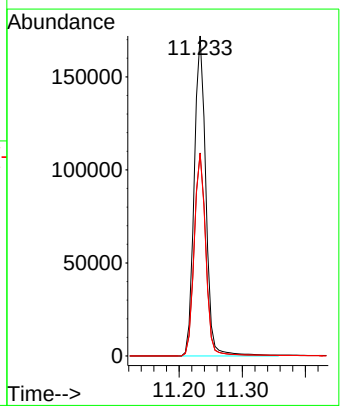
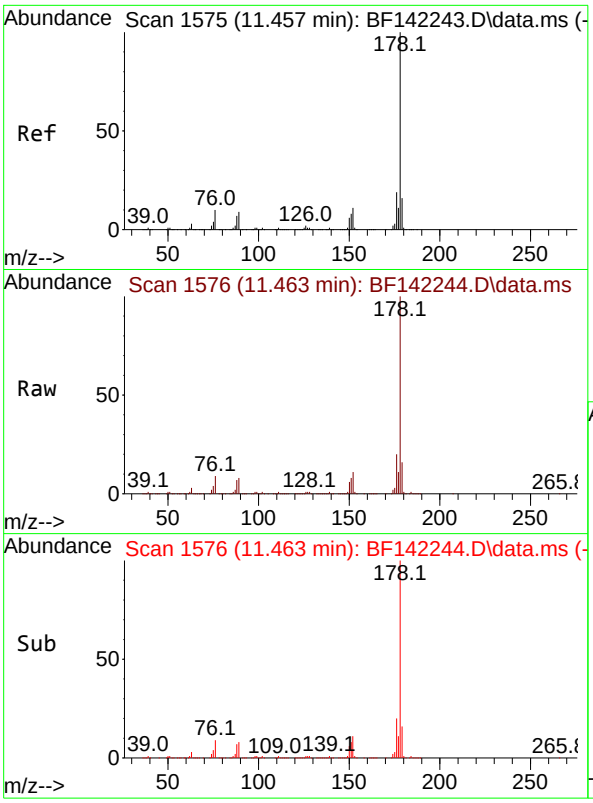


#70
Pentachlorophenol
Concen: 55.114 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:266 Resp: 219414

Ion	Ratio	Lower	Upper
266	100		
268	63.5	50.0	75.0
264	63.2	49.3	73.9

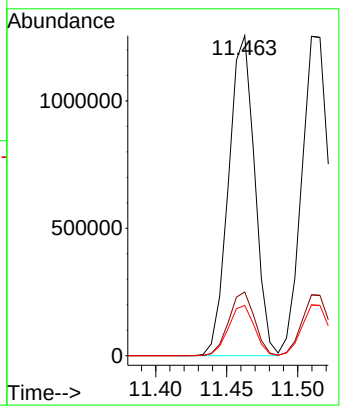




#71
Phenanthrene
Concen: 49.244 ng
RT: 11.463 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:178 Resp: 160709

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	15.7	12.6	19.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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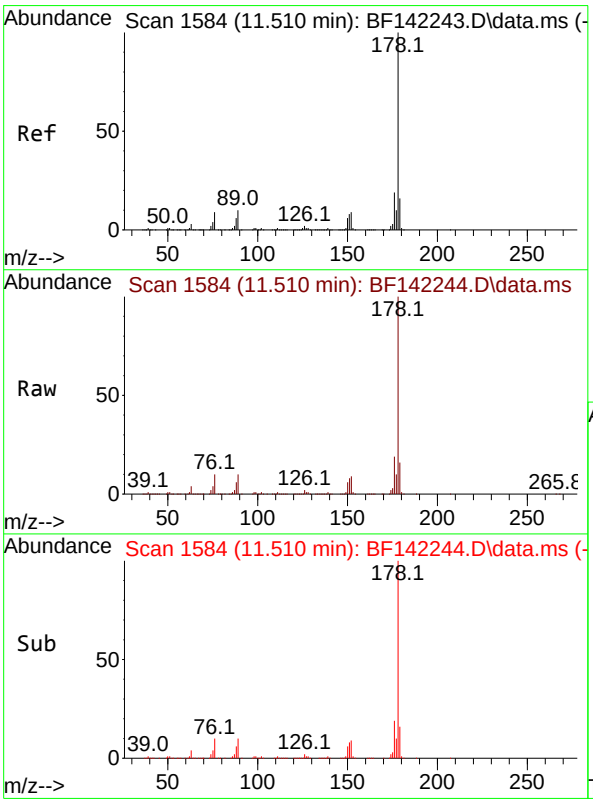
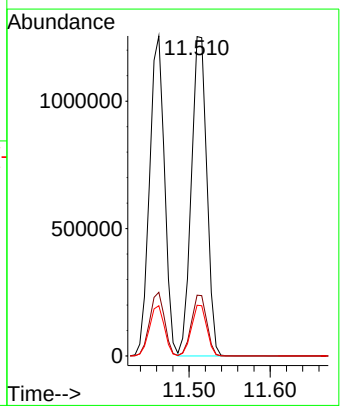
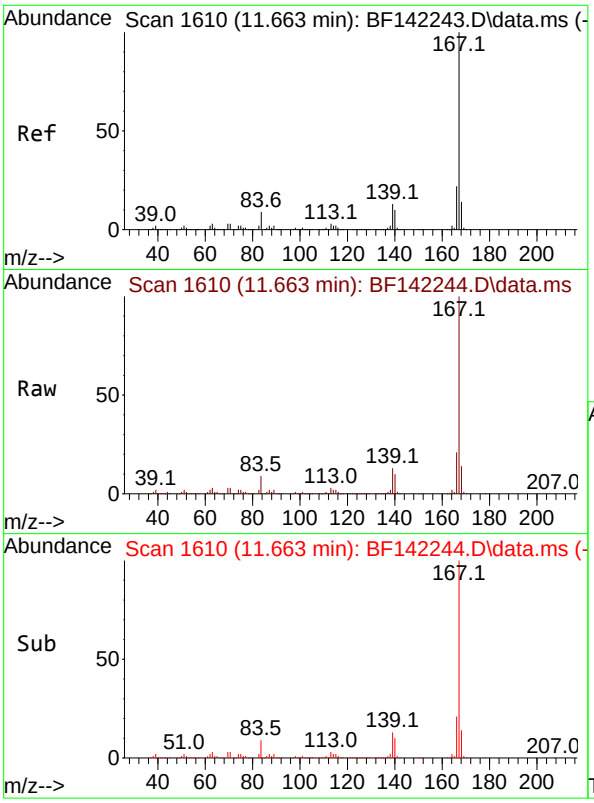


#72
Anthracene
Concen: 49.744 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:178 Resp: 1659788

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.9	12.7	19.1

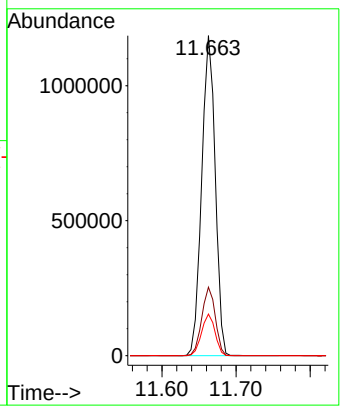




#73
Carbazole
Concen: 49.436 ng
RT: 11.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:167 Resp: 150471

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.3	25.9
139	13.0	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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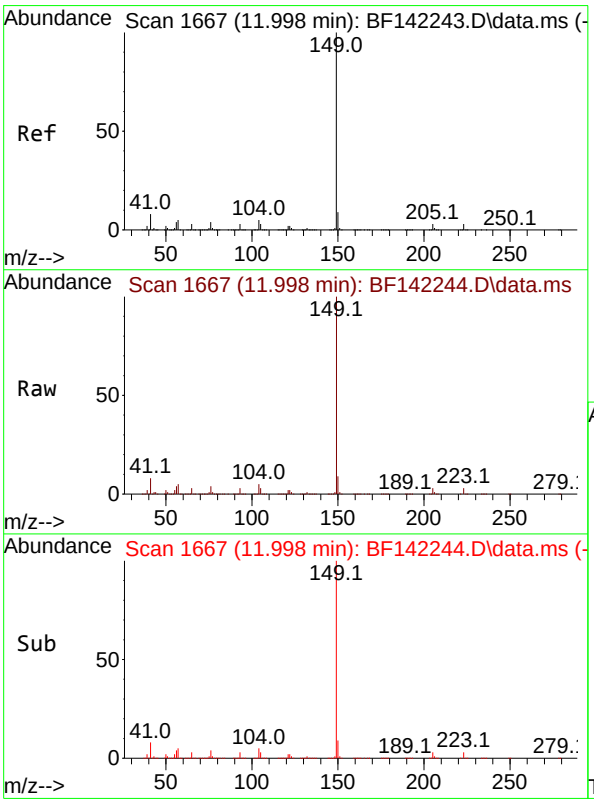
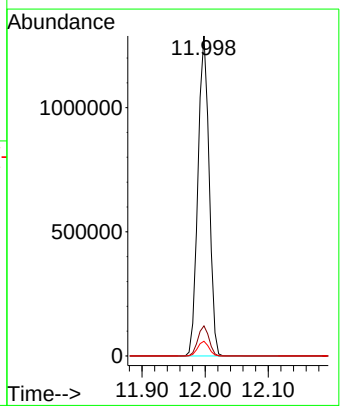
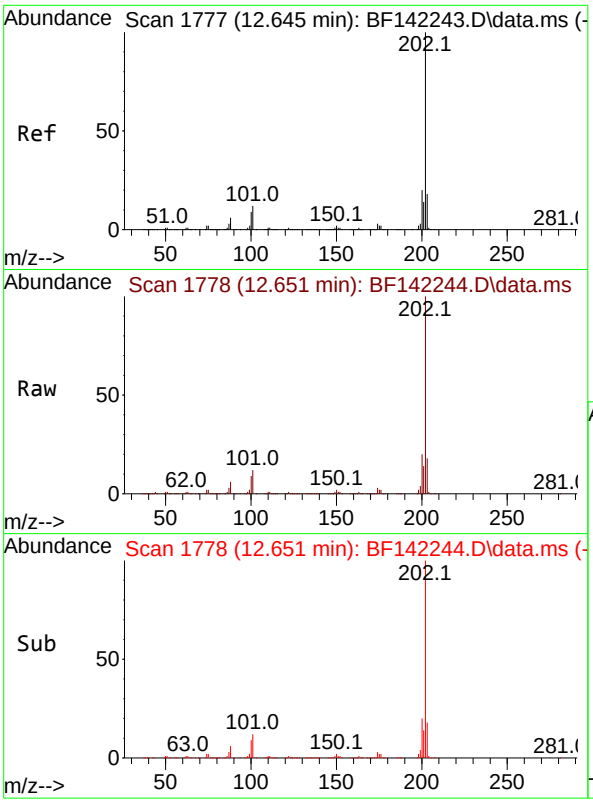


#74
Di-n-butylphthalate
Concen: 51.573 ng
RT: 11.998 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:149 Resp: 1578769

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.6	3.6	5.4

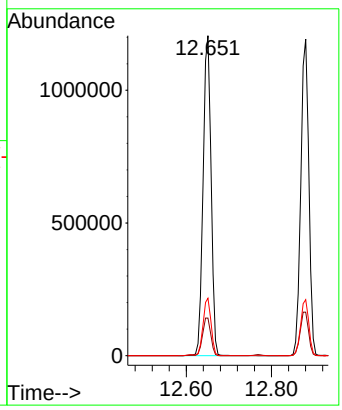




#75
Fluoranthene
Concen: 48.481 ng
RT: 12.651 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:202 Resp: 156399

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.4
203	17.9	0.0	37.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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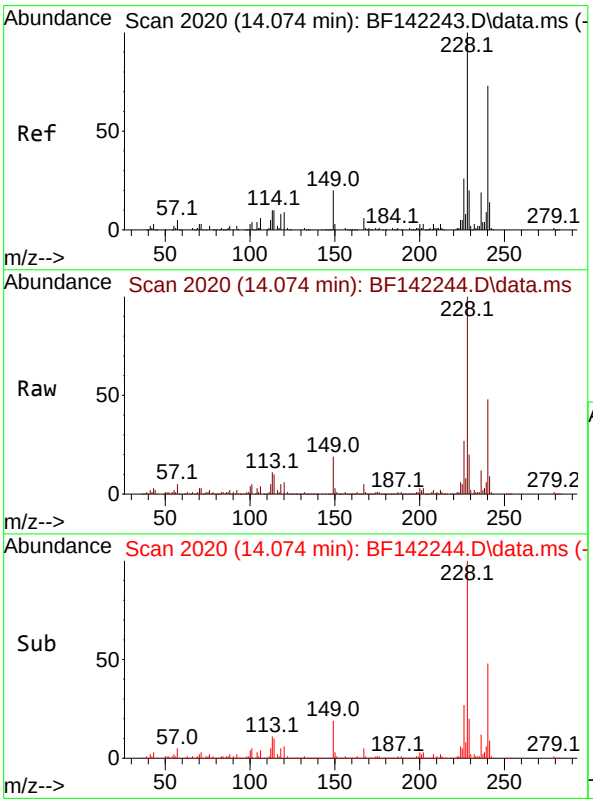
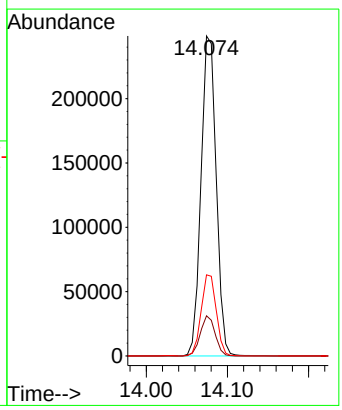
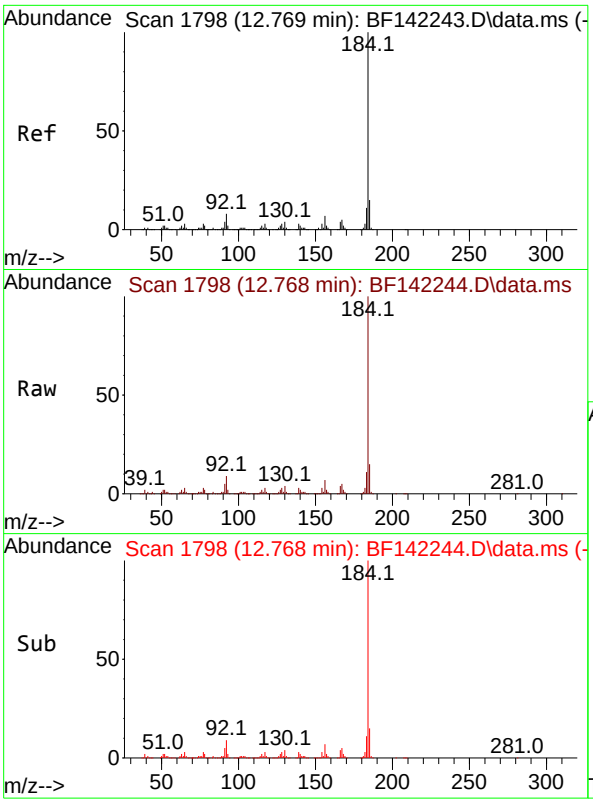


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:240 Resp: 322957

Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.1	15.1
236	25.3	20.5	30.7

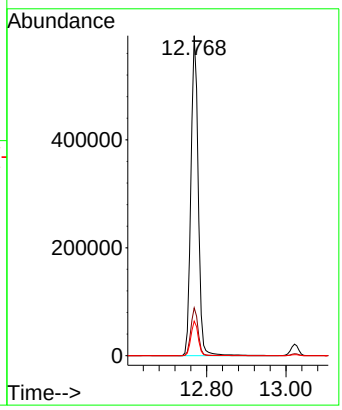




#77
Benzidine
Concen: 55.590 ng
RT: 12.768 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:184 Resp: 76285

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.8	17.6
183	10.8	8.9	13.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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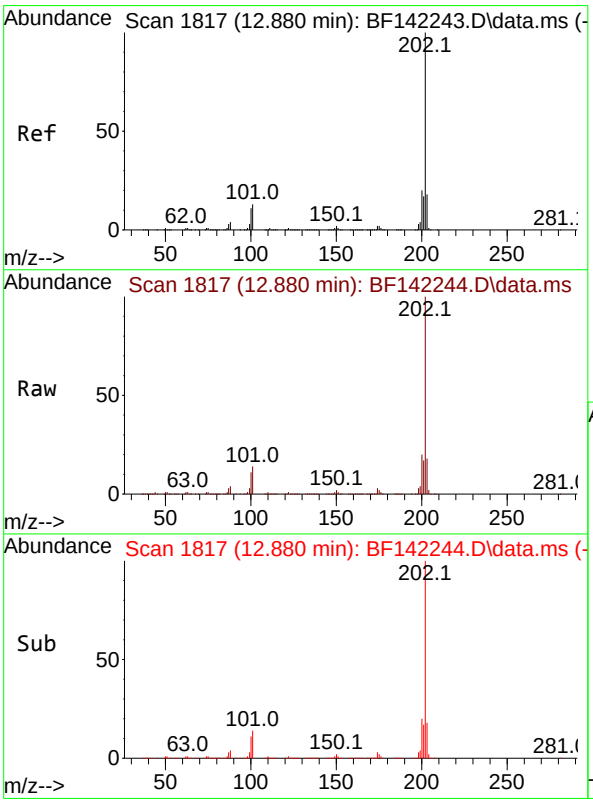
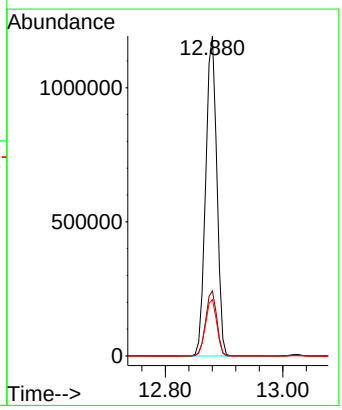
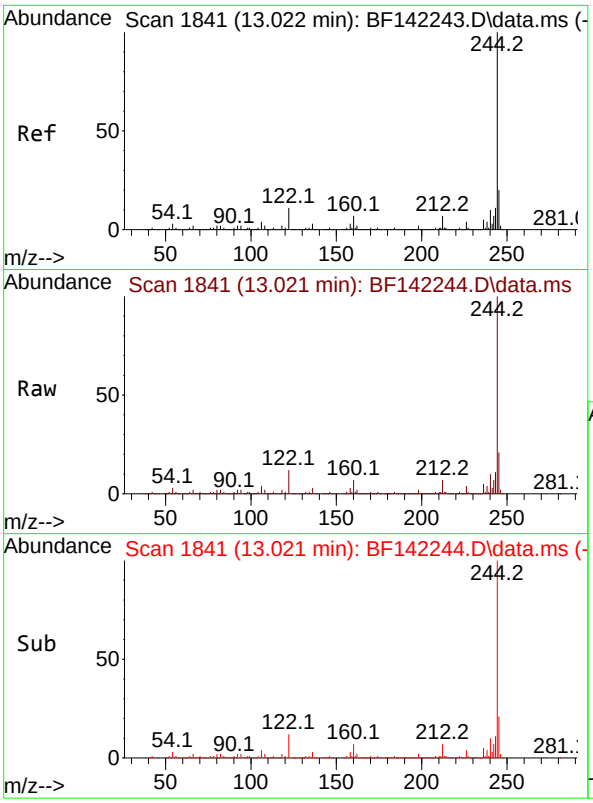


#78
Pyrene
Concen: 52.484 ng
RT: 12.880 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:202 Resp: 1563568

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.1	24.1
203	17.7	14.1	21.1

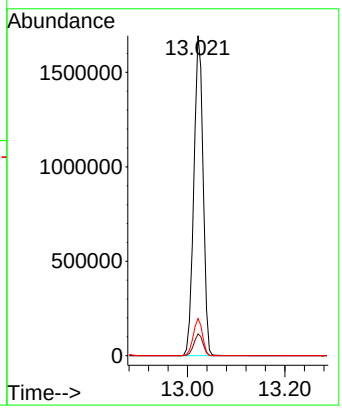




#79
Terphenyl-d14
Concen: 101.236 ng
RT: 13.021 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:244 Resp: 224798

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.3	7.9
122	11.6	9.1	13.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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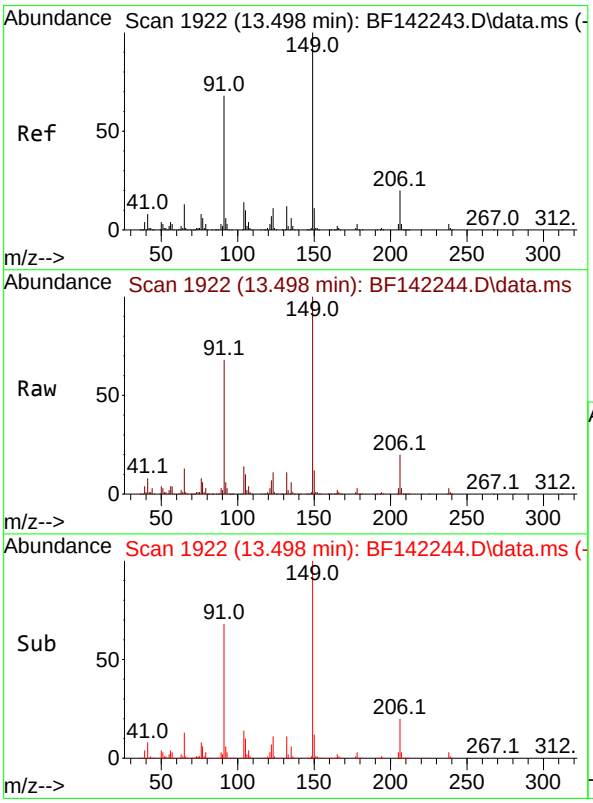
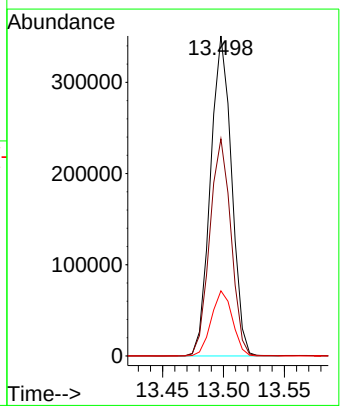
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

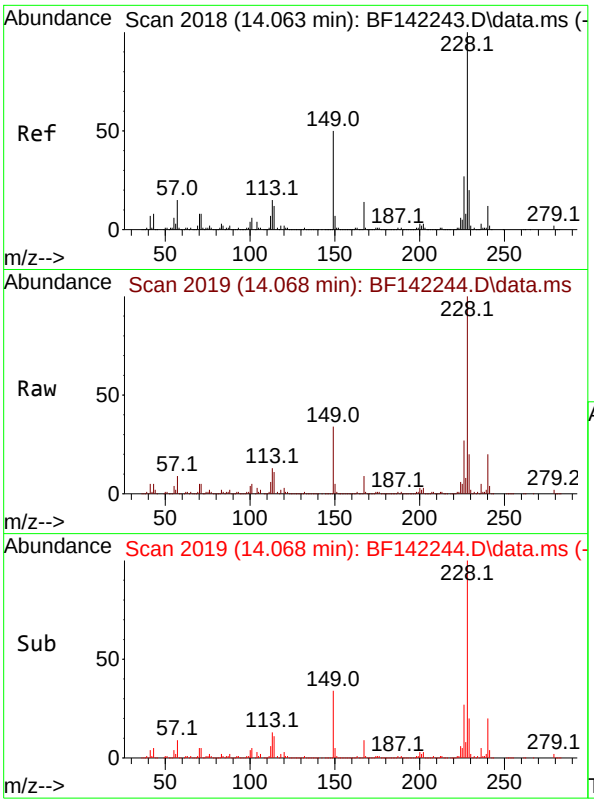


#80
Butylbenzylphthalate
Concen: 51.685 ng
RT: 13.498 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:149 Resp: 423529

Ion	Ratio	Lower	Upper
149	100		
91	67.9	54.4	81.6
206	20.3	15.9	23.9

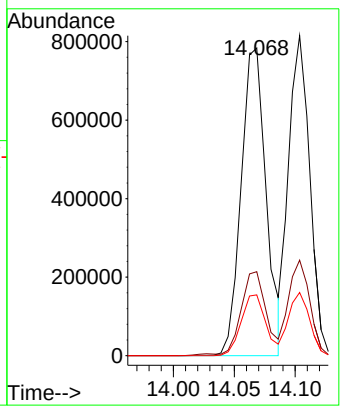




#81
Benzo(a)anthracene
Concen: 51.691 ng
RT: 14.068 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:228 Resp: 1120699

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.9	32.9
229	19.8	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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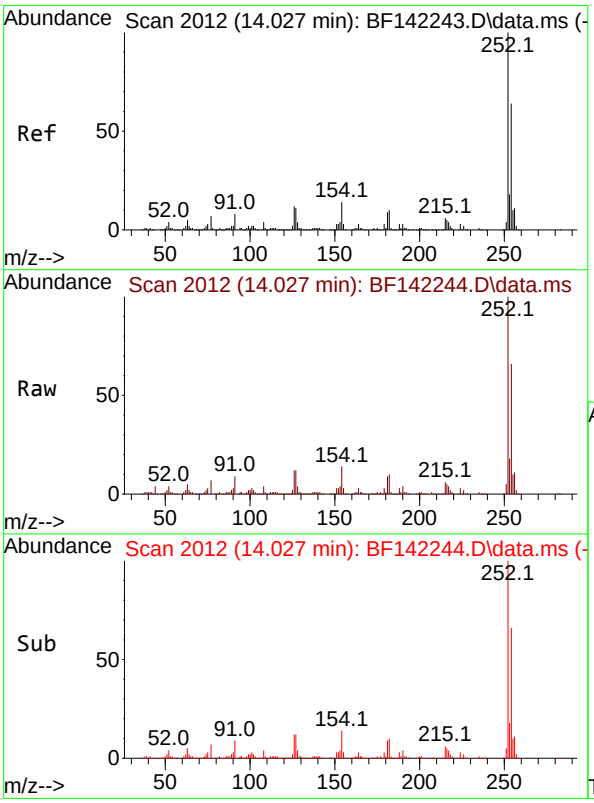
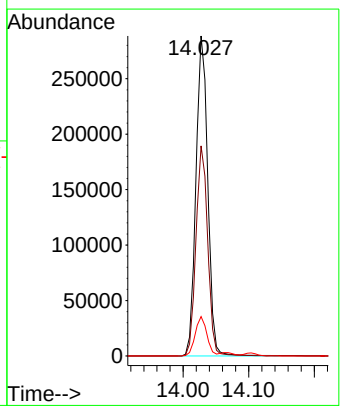
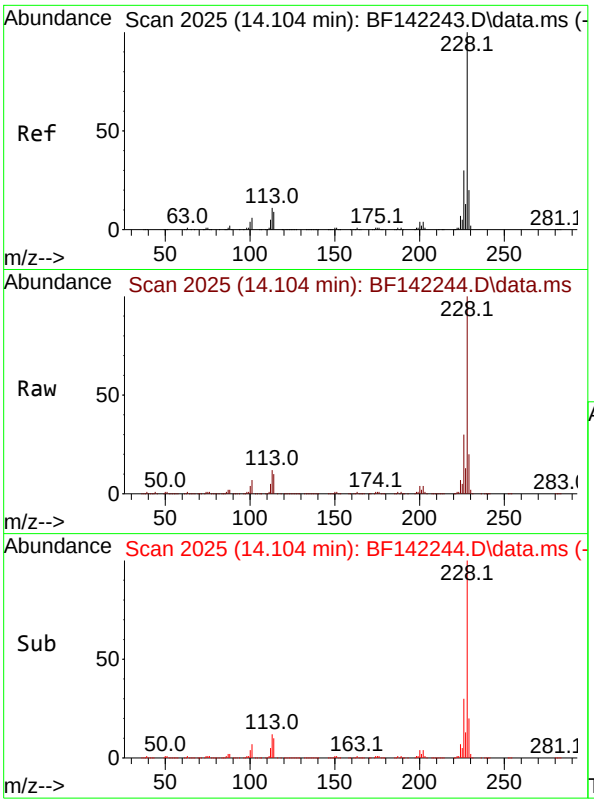


#82
3,3'-Dichlorobenzidine
Concen: 57.021 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:252 Resp: 363124

Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.0	76.6
126	12.3	9.4	14.2

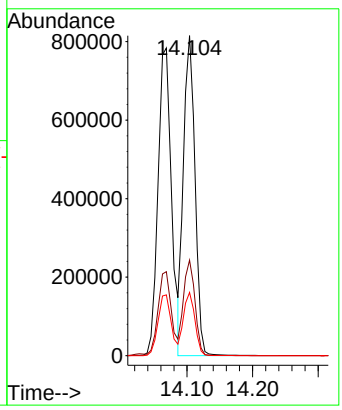




#83
Chrysene
Concen: 50.214 ng
RT: 14.104 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:228 Resp: 99099

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	19.7	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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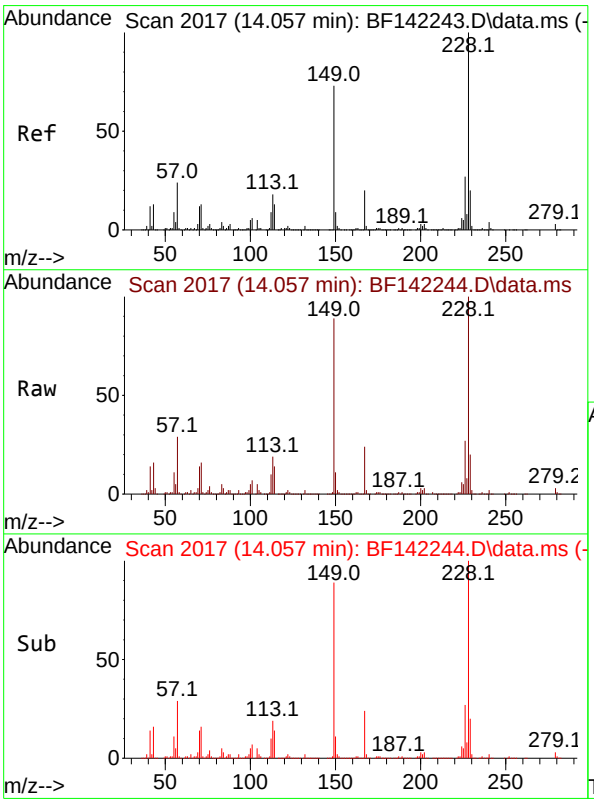
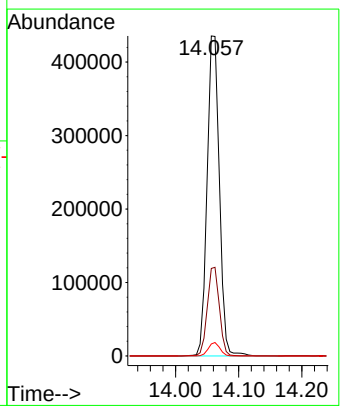
Supervised By :Jagrut Upadhyay 05/01/2025

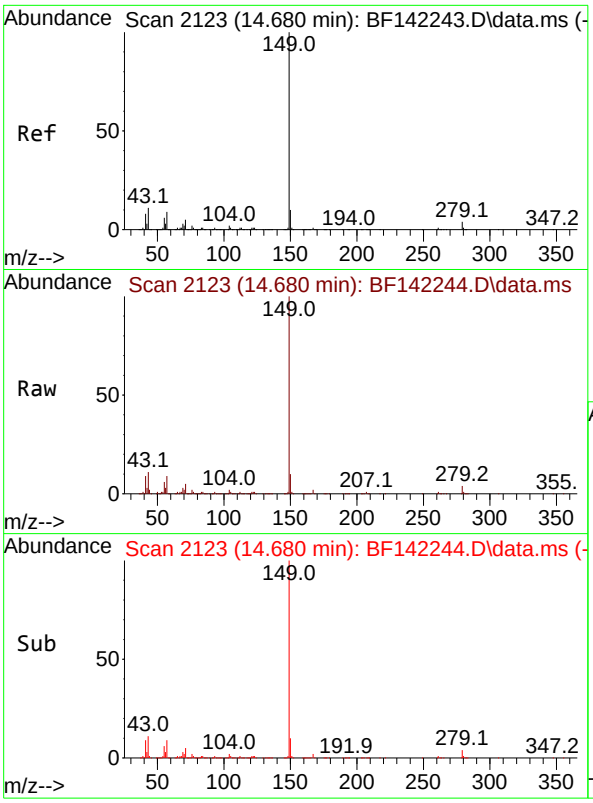


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.638 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:149 Resp: 585800

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.7	32.5
279	3.7	3.0	4.4

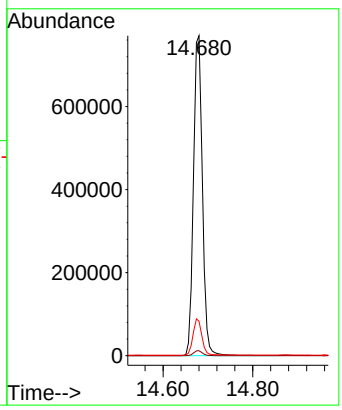




#85
Di-n-octyl phthalate
Concen: 51.078 ng
RT: 14.680 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:149 Resp: 106562

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.3	9.3	13.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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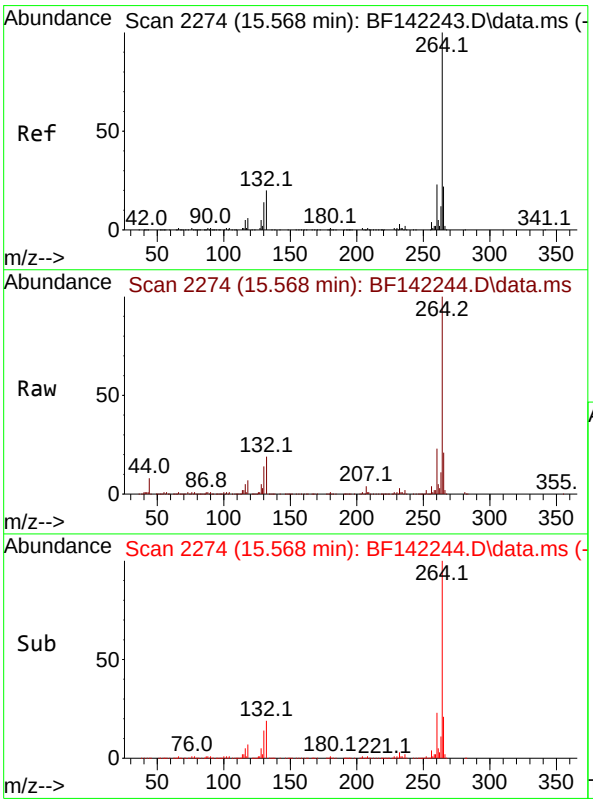
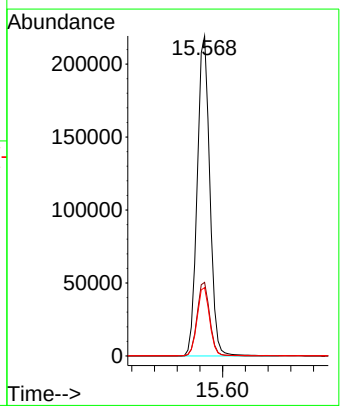
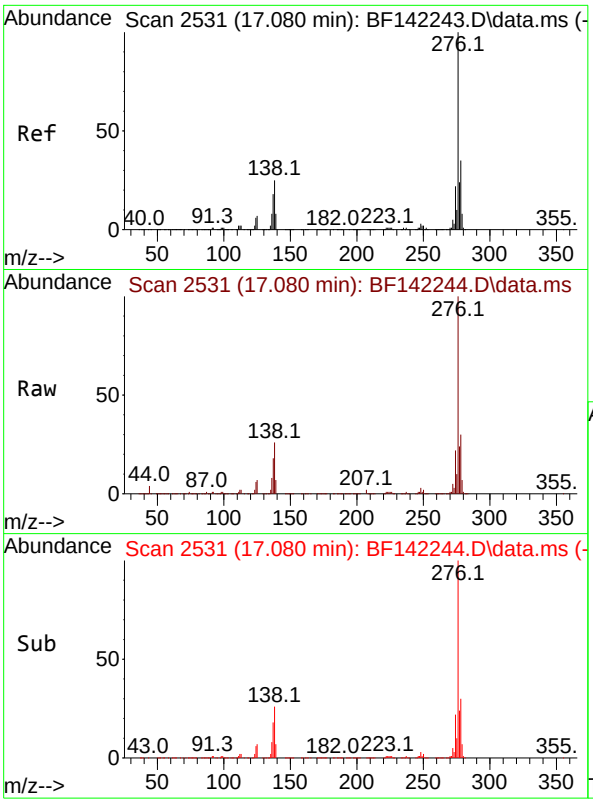


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:264 Resp: 337726

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	21.4	17.3	25.9

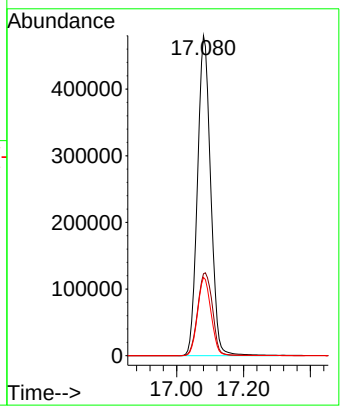




#87
Indeno(1,2,3-cd)pyrene
Concen: 53.091 ng
RT: 17.080 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:276 Resp: 131333

Ion	Ratio	Lower	Upper
276	100		
138	29.0	22.6	33.8
277	25.1	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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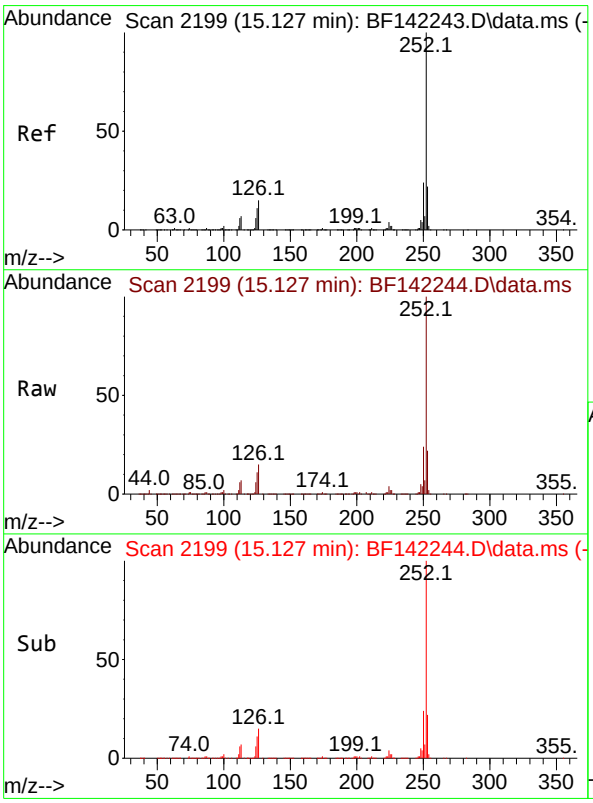
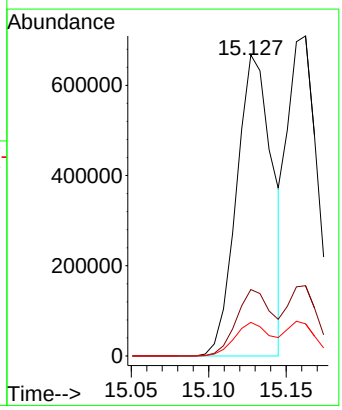
Supervised By :Jagrut Upadhyay 05/01/2025

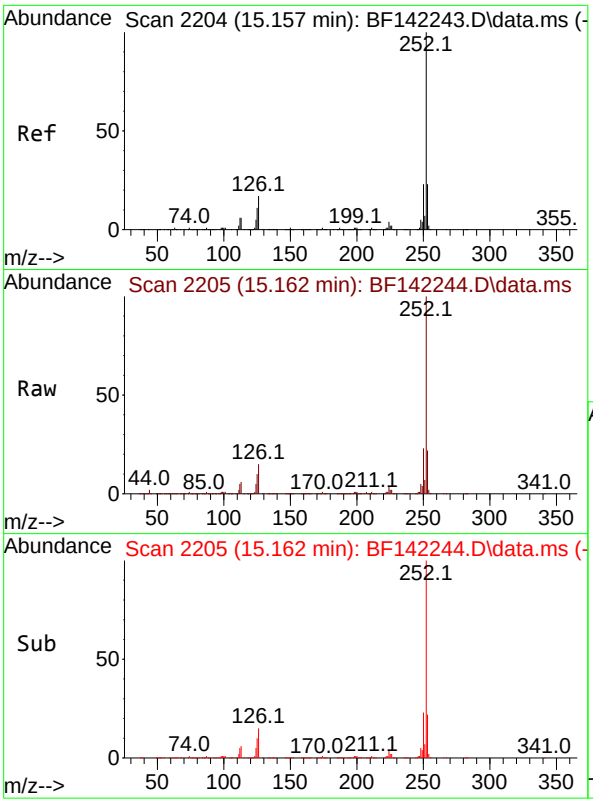


#88
Benzo(b)fluoranthene
Concen: 51.153 ng
RT: 15.127 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:252 Resp: 1073096

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.2	9.0	13.4

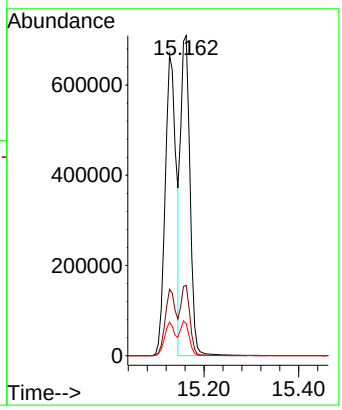




#89
Benzo(k)fluoranthene
Concen: 50.408 ng
RT: 15.162 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:252 Resp: 96724

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	10.0	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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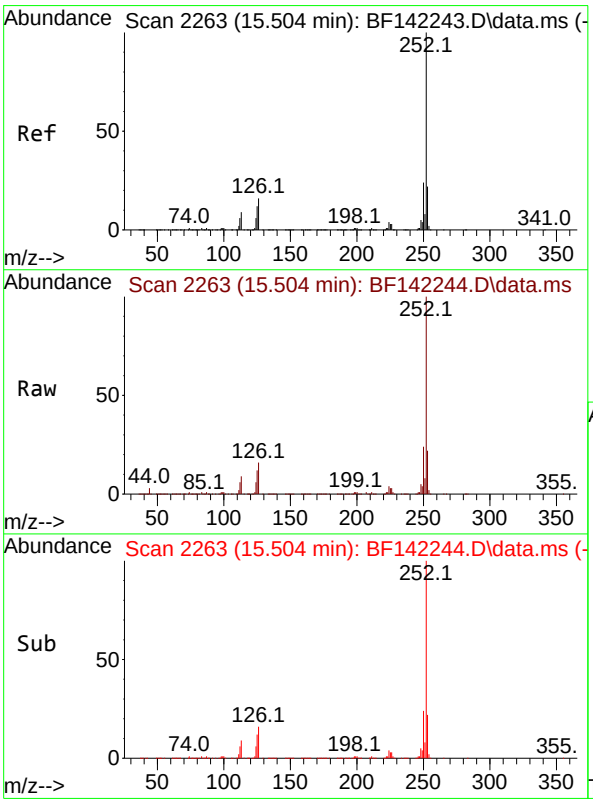
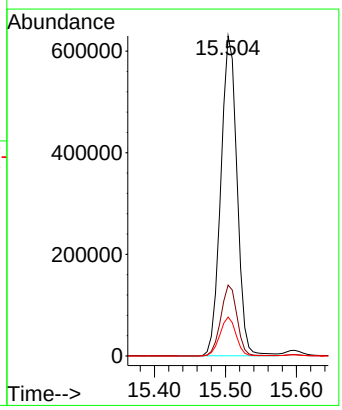
Supervised By :Jagrut Upadhyay 05/01/2025

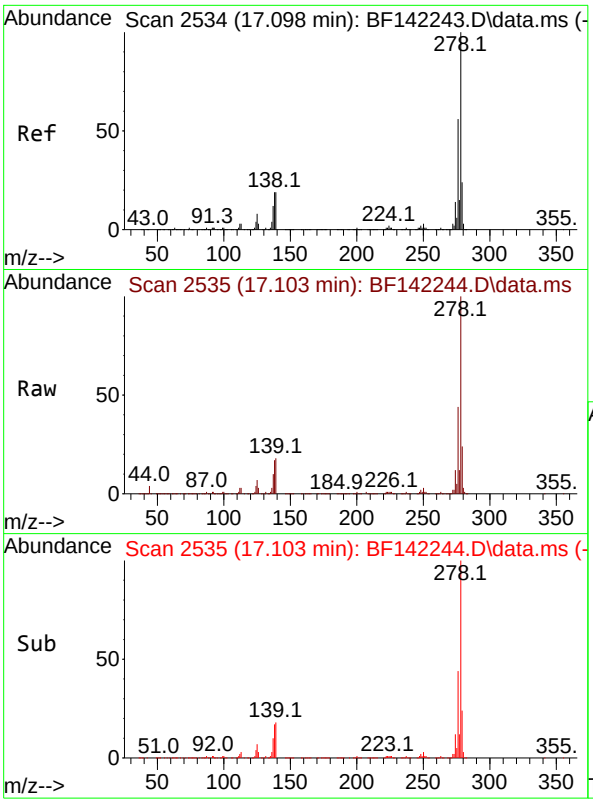


#90
Benzo(a)pyrene
Concen: 51.890 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:252 Resp: 996599

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	12.2	9.5	14.3

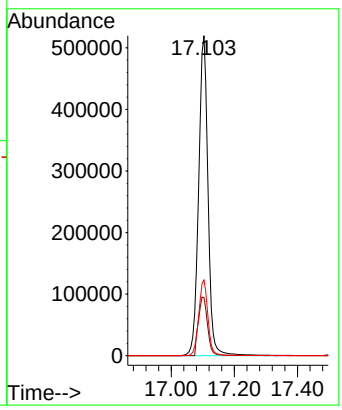




#91
Dibenzo(a,h)anthracene
Concen: 53.457 ng
RT: 17.103 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:278 Resp: 107324

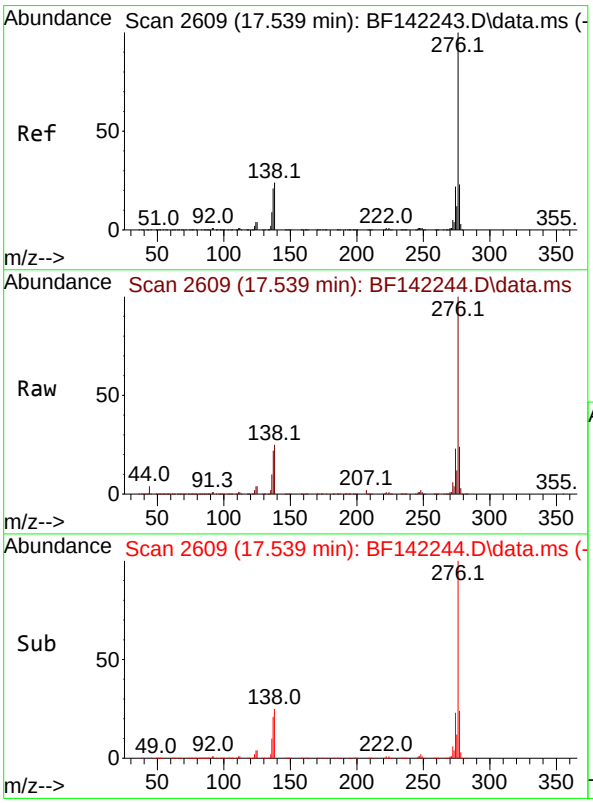
Ion	Ratio	Lower	Upper
278	100		
139	18.2	15.2	22.8
279	23.7	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

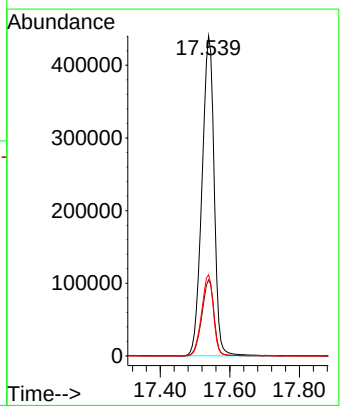
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#92
Benzo(g,h,i)perylene
Concen: 52.984 ng
RT: 17.539 min Scan# 2609
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:276 Resp: 1069402

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	25.3	19.4	29.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142245.D
Acq On : 30 Apr 2025 14:15
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:46:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	187963	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	730767	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	379270	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	624729	20.000	ng	0.00
76) Chrysene-d12	14.080	240	328990	20.000	ng	0.00
86) Perylene-d12	15.568	264	361305	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1364962	115.976	ng	0.00
7) Phenol-d6	6.528	99	1663210	117.026	ng	0.00
23) Nitrobenzene-d5	7.475	82	1488103	133.783	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	447862	129.531	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2777485	103.255	ng	0.00
79) Terphenyl-d14	13.022	244	2546694	112.585	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	312897	59.528	ng	99
3) Pyridine	3.469	79	823442	60.277	ng	98
4) n-Nitrosodimethylamine	3.422	42	431685	61.063	ng	98
6) Aniline	6.575	93	1184649	58.890	ng	100
8) 2-Chlorophenol	6.693	128	740327	60.874	ng	99
9) Benzaldehyde	6.463	77	559766	56.352	ng	98
10) Phenol	6.545	94	903976m	59.085	ng	
11) bis(2-Chloroethyl)ether	6.646	93	693997	58.532	ng	99
12) 1,3-Dichlorobenzene	6.851	146	787463	57.236	ng	99
13) 1,4-Dichlorobenzene	6.928	146	791509	57.102	ng	99
14) 1,2-Dichlorobenzene	7.081	146	764397	57.765	ng	99
15) Benzyl Alcohol	7.045	79	609871	60.504	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.187	45	1249716	58.370	ng	100
17) 2-Methylphenol	7.151	107	592171	59.438	ng	99
18) Hexachloroethane	7.428	117	275661	60.761	ng	99
19) n-Nitroso-di-n-propyla...	7.328	70	506389	57.660	ng	100
20) 3+4-Methylphenols	7.310	107	730966	58.670	ng	94
22) Acetophenone	7.322	105	943225	55.792	ng	97
24) Nitrobenzene	7.498	77	708847	64.948	ng	99
25) Isophorone	7.734	82	1371824	58.764	ng	100
26) 2-Nitrophenol	7.810	139	299107	61.132	ng	97
27) 2,4-Dimethylphenol	7.840	122	691268	58.731	ng	100
28) bis(2-Chloroethoxy)met...	7.940	93	847188	57.543	ng	100
29) 2,4-Dichlorophenol	8.045	162	596890	60.658	ng	99
30) 1,2,4-Trichlorobenzene	8.134	180	628720	57.256	ng	100
31) Naphthalene	8.216	128	2026390	55.603	ng	99
32) Benzoic acid	7.951	122	349577	59.198	ng	99
33) 4-Chloroaniline	8.263	127	868158	57.207	ng	99
34) Hexachlorobutadiene	8.334	225	373284	58.266	ng	100
35) Caprolactam	8.639	113	186124	62.928	ng	94
36) 4-Chloro-3-methylphenol	8.734	107	605133	59.887	ng	99
37) 2-Methylnaphthalene	8.904	142	1257822	56.136	ng	99
38) 1-Methylnaphthalene	9.004	142	1294318	55.760	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	607614	56.925	ng	100
41) Hexachlorocyclopentadiene	9.063	237	407387	67.248	ng	100
43) 2,4,6-Trichlorophenol	9.181	196	433323	65.514	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142245.D
Acq On : 30 Apr 2025 14:15
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:46:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	422145	60.705	ng	98
46) 1,1'-Biphenyl	9.369	154	1632628	55.372	ng	100
47) 2-Chloronaphthalene	9.398	162	1234670	56.283	ng	99
48) 2-Nitroaniline	9.486	65	357897	60.490	ng	99
49) Acenaphthylene	9.810	152	2079452	56.175	ng	99
50) Dimethylphthalate	9.675	163	1395869	57.529	ng	100
51) 2,6-Dinitrotoluene	9.728	165	289353	60.986	ng	98
52) Acenaphthene	9.986	154	1219341	56.414	ng	99
53) 3-Nitroaniline	9.898	138	352271	61.278	ng	97
54) 2,4-Dinitrophenol	9.998	184	86520	61.133	ng	83
55) Dibenzofuran	10.157	168	1798627	55.513	ng	99
56) 4-Nitrophenol	10.045	139	261987	68.694	ng	98
57) 2,4-Dinitrotoluene	10.134	165	352001	60.964	ng	98
58) Fluorene	10.498	166	1348902	54.754	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	367314	63.765	ng	99
60) Diethylphthalate	10.369	149	1382905	57.717	ng	100
61) 4-Chlorophenyl-phenyle...	10.492	204	648920	55.466	ng	97
62) 4-Nitroaniline	10.516	138	319292	61.243	ng	99
63) Azobenzene	10.651	77	1362906	57.603	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	132189	60.646	ng	96
66) n-Nitrosodiphenylamine	10.610	169	1224189	57.351	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	413069	59.371	ng	100
68) Hexachlorobenzene	11.045	284	457317	58.689	ng	99
69) Atrazine	11.133	200	340471	60.513	ng	99
70) Pentachlorophenol	11.233	266	270497	65.710	ng	98
71) Phenanthrene	11.463	178	1864413	55.249	ng	100
72) Anthracene	11.516	178	1920817	55.673	ng	100
73) Carbazole	11.663	167	1751538	55.651	ng	100
74) Di-n-butylphthalate	11.998	149	1852105	58.511	ng	100
75) Fluoranthene	12.651	202	1794425	53.793	ng	98
77) Benzidine	12.769	184	883568	63.206	ng	99
78) Pyrene	12.880	202	1809576	59.627	ng	99
80) Butylbenzylphthalate	13.498	149	516723	61.167	ng	99
81) Benzo(a)anthracene	14.069	228	1299270	58.829	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	444901	68.582	ng	99
83) Chrysene	14.104	228	1181729	58.781	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	712716	61.002	ng	99
85) Di-n-octyl phthalate	14.680	149	1329733	61.204	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	1614650	61.012	ng	100
88) Benzo(b)fluoranthene	15.127	252	1275552	56.836	ng	99
89) Benzo(k)fluoranthene	15.163	252	1202952	58.601	ng	99
90) Benzo(a)pyrene	15.510	252	1232454	59.982	ng	100
91) Dibenzo(a,h)anthracene	17.110	278	1292219	60.163	ng	99
92) Benzo(g,h,i)perylene	17.545	276	1315066	60.904	ng	99

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

ICAL Form

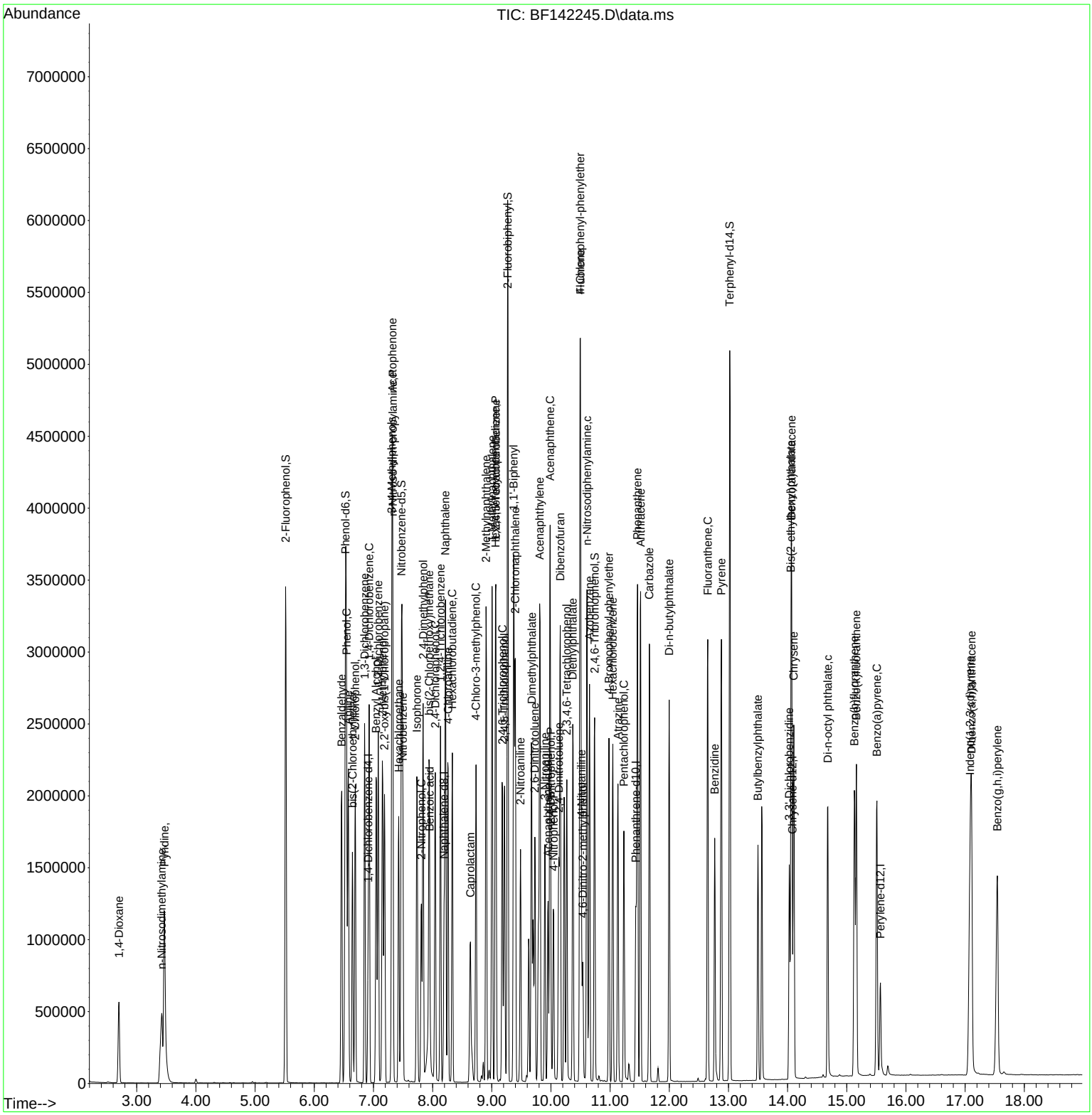
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142245.D
Acq On : 30 Apr 2025 14:15
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

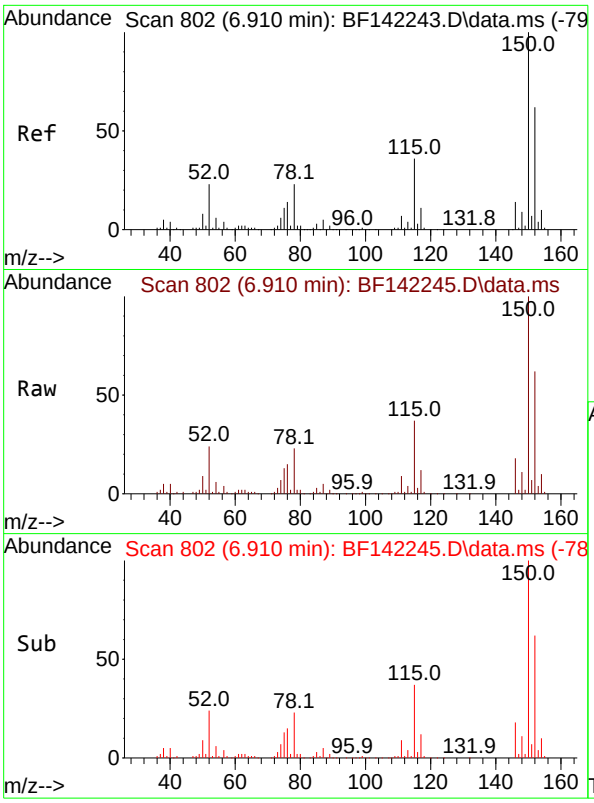
Quant Time: Apr 30 15:46:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

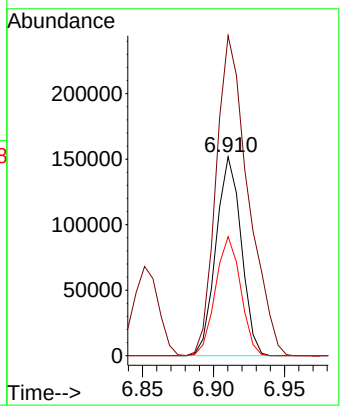




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:152 Resp: 18796

Ion	Ratio	Lower	Upper
152	100		
150	160.9	130.2	195.2
115	59.8	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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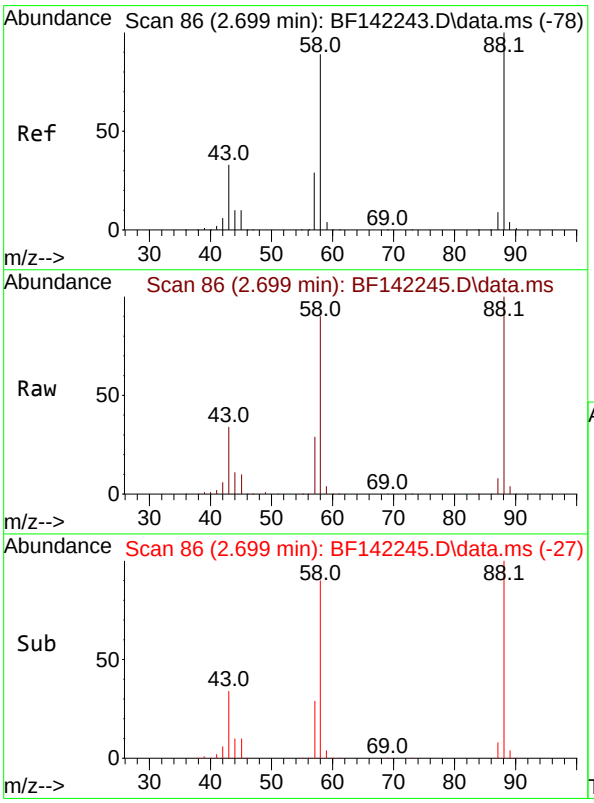
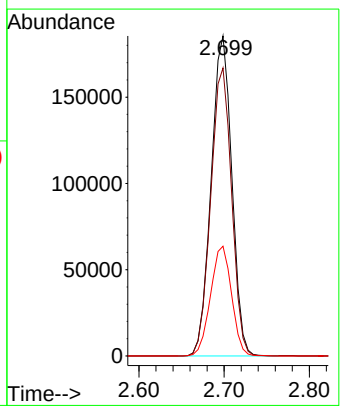
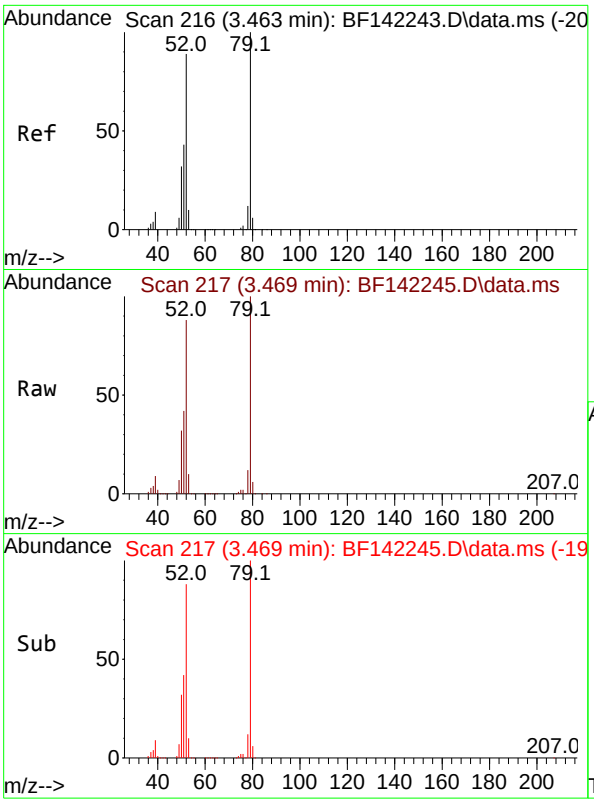


#2
1,4-Dioxane
Concen: 59.528 ng
RT: 2.699 min Scan# 86
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion: 88 Resp: 312897

Ion	Ratio	Lower	Upper
88	100		
58	90.8	72.2	108.2
43	35.0	27.0	40.6

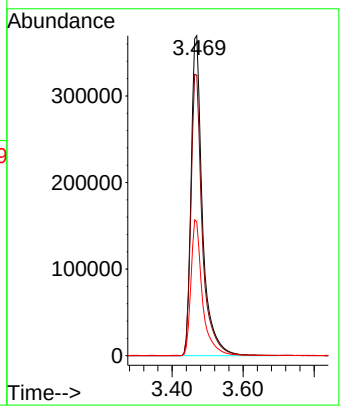




#3
Pyridine
Concen: 60.277 ng
RT: 3.469 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion: 79 Resp: 82344

Ion	Ratio	Lower	Upper
79	100		
52	87.7	71.5	107.3
51	41.9	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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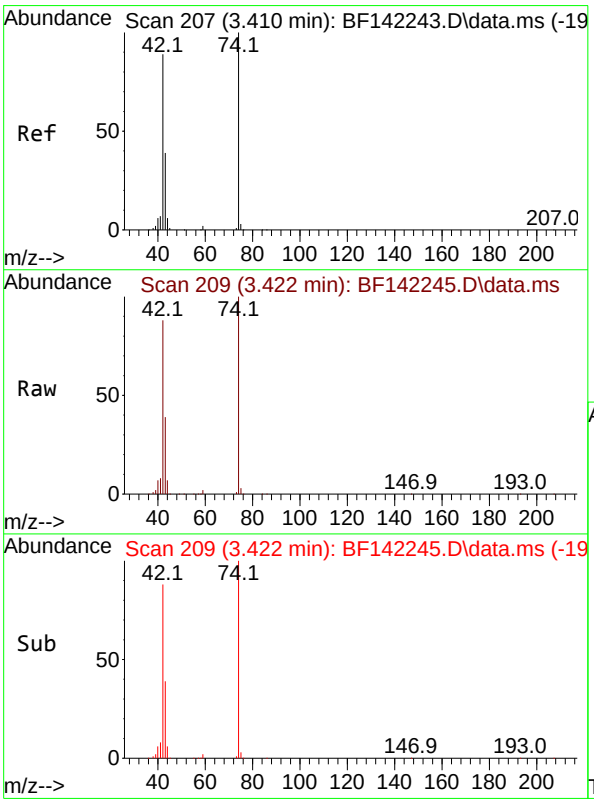
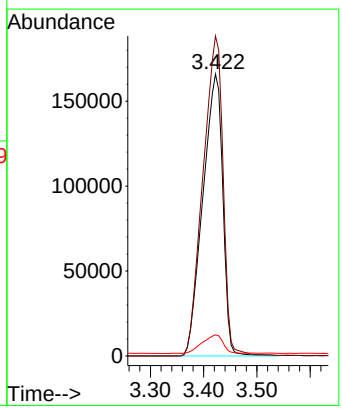
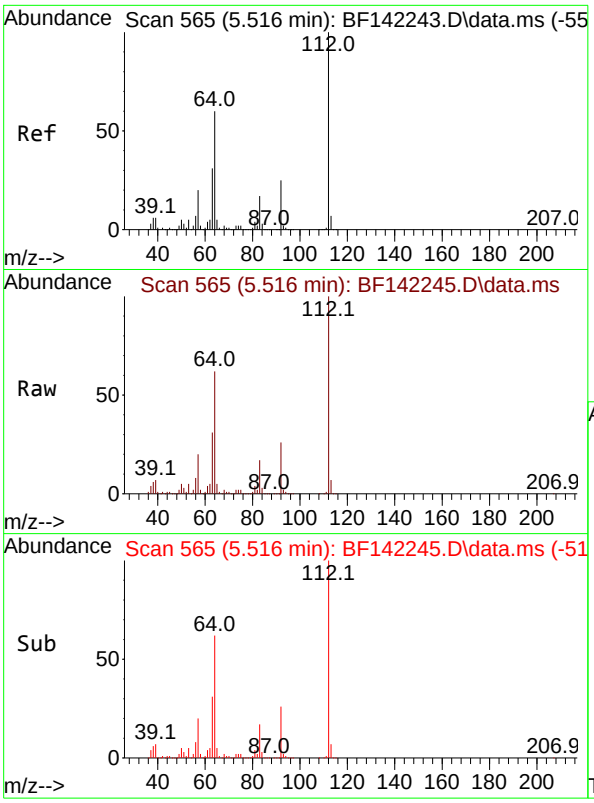


#4
n-Nitrosodimethylamine
Concen: 61.063 ng
RT: 3.422 min Scan# 209
Delta R.T. 0.012 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion: 42 Resp: 431685

Ion	Ratio	Lower	Upper
42	100		
74	113.5	89.5	134.3
44	7.5	6.6	9.8





#5
2-Fluorophenol
Concen: 115.976 ng
RT: 5.516 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:112 Resp: 136496

Ion	Ratio	Lower	Upper
112	100		
64	61.6	48.4	72.6
63	31.5	24.8	37.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
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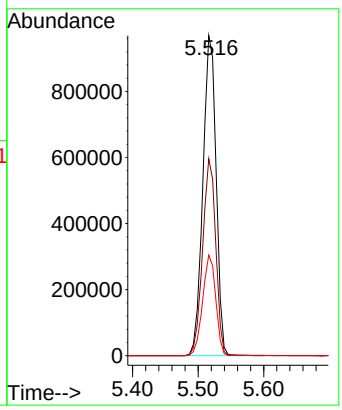
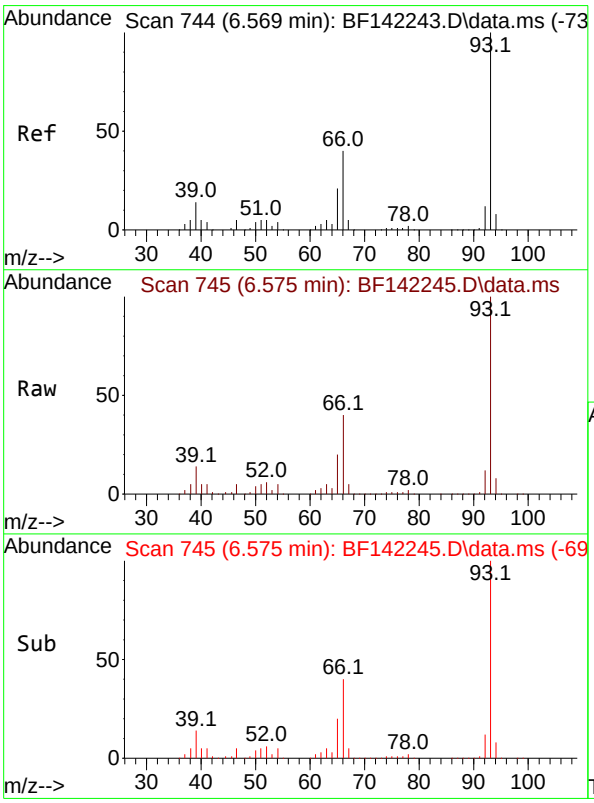
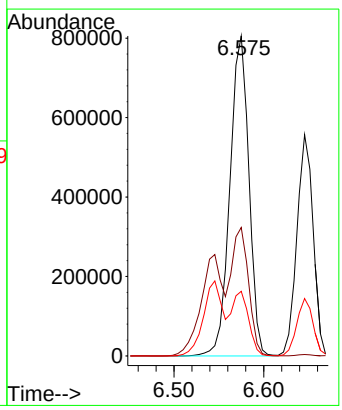


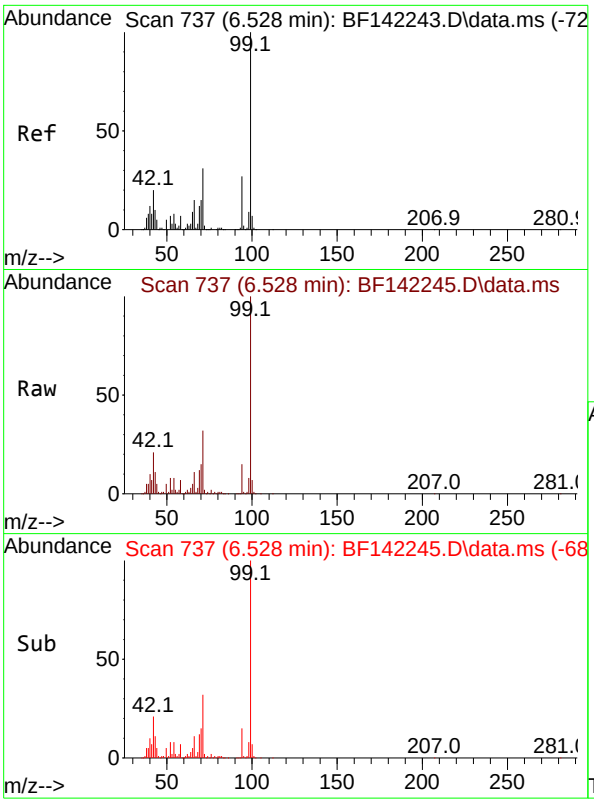


#6
Aniline
Concen: 58.890 ng
RT: 6.575 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion: 93 Resp: 1184649

Ion	Ratio	Lower	Upper
93	100		
66	40.1	32.1	48.1
65	20.2	16.6	24.8

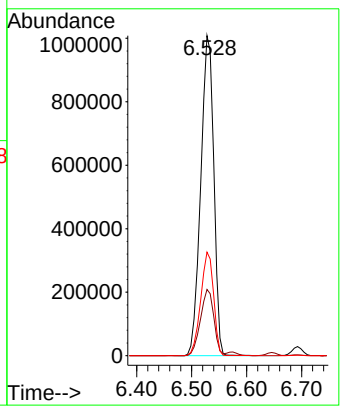




#7
Phenol-d6
Concen: 117.026 ng
RT: 6.528 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion: 99 Resp: 166321

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.3	24.5
71	32.3	25.0	37.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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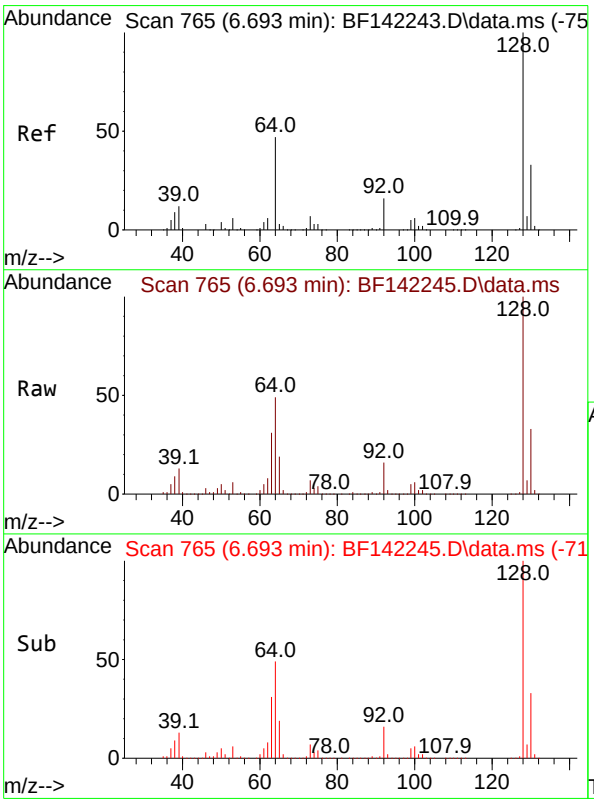
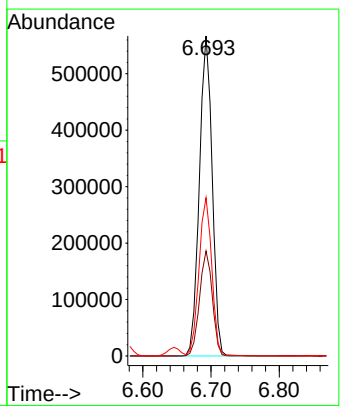
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

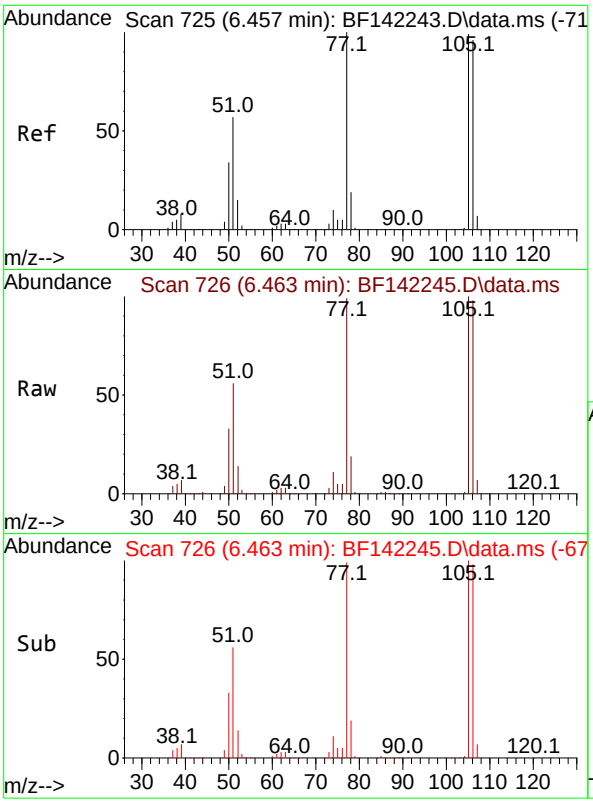


#8
2-Chlorophenol
Concen: 60.874 ng
RT: 6.693 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:128 Resp: 740327

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.1	53.1
64	49.4	28.6	68.6

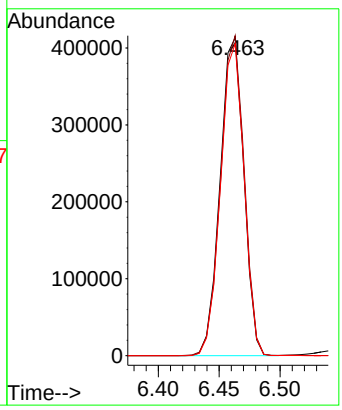




#9
Benzaldehyde
Concen: 56.352 ng
RT: 6.463 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion: 77 Resp: 55976

Ion	Ratio	Lower	Upper
77	100		
105	100.6	79.1	119.1
106	98.1	76.0	116.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

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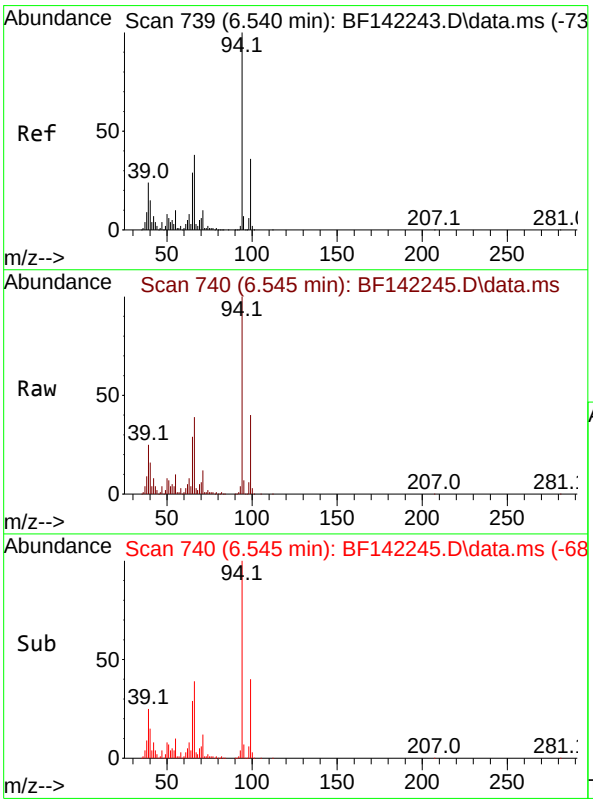
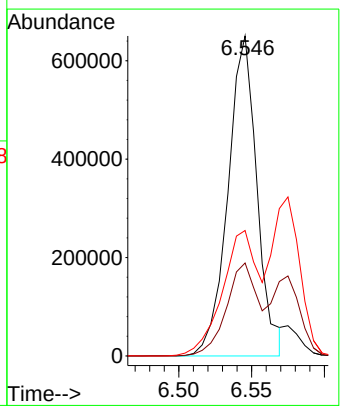
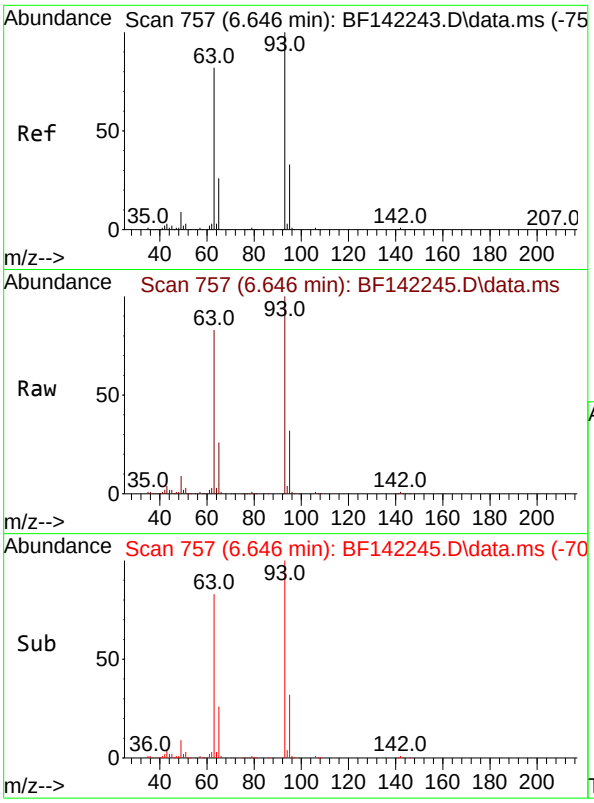


#10
Phenol
Concen: 59.085 ng m
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion: 94 Resp: 903976

Ion	Ratio	Lower	Upper
94	100		
65	29.0	8.9	48.9
66	39.2	18.7	58.7

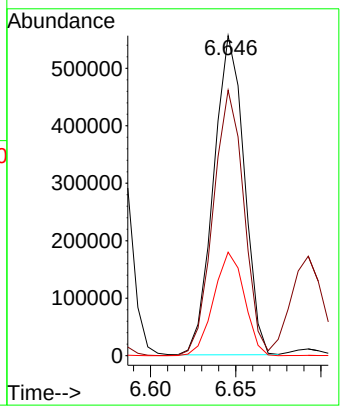




#11
bis(2-Chloroethyl)ether
Concen: 58.532 ng
RT: 6.646 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion: 93 Resp: 69399

Ion	Ratio	Lower	Upper
93	100		
63	83.0	62.2	102.2
95	32.3	12.7	52.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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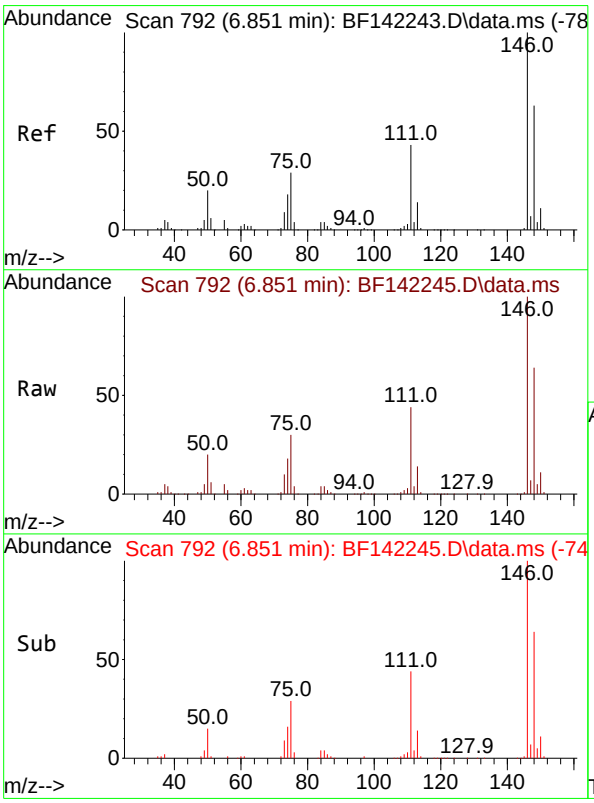
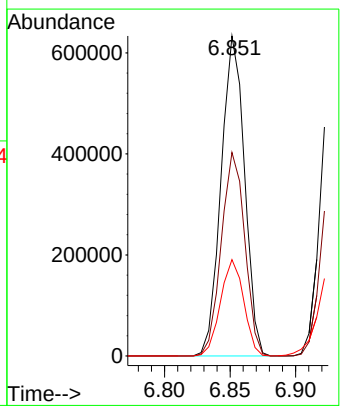
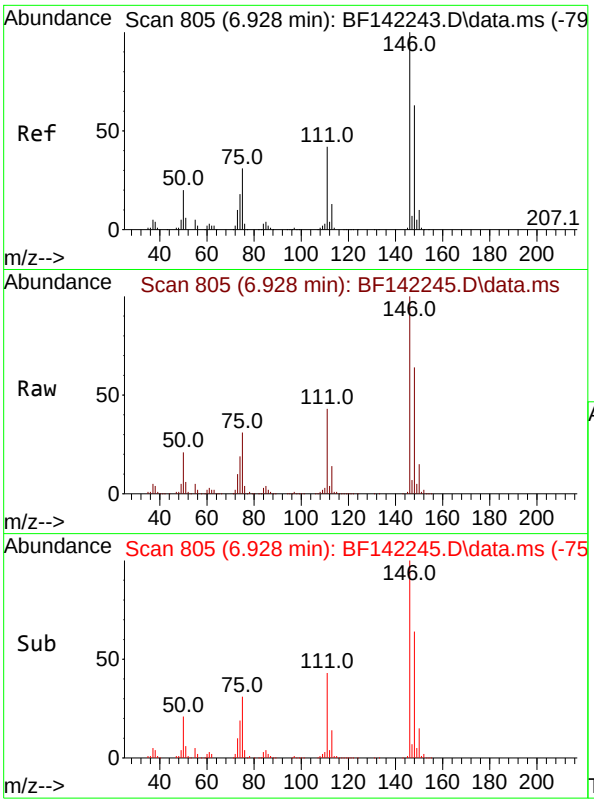


#12
1,3-Dichlorobenzene
Concen: 57.236 ng
RT: 6.851 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:146 Resp: 787463

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.5	75.7
75	30.1	23.2	34.8

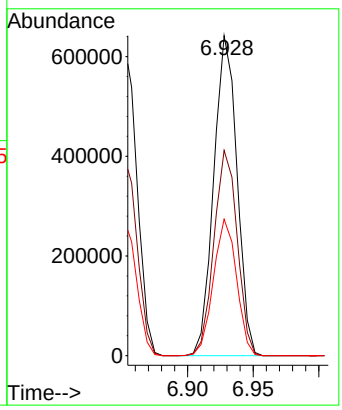




#13
1,4-Dichlorobenzene
Concen: 57.102 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:146 Resp: 79150

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	76.0
111	42.7	33.4	50.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

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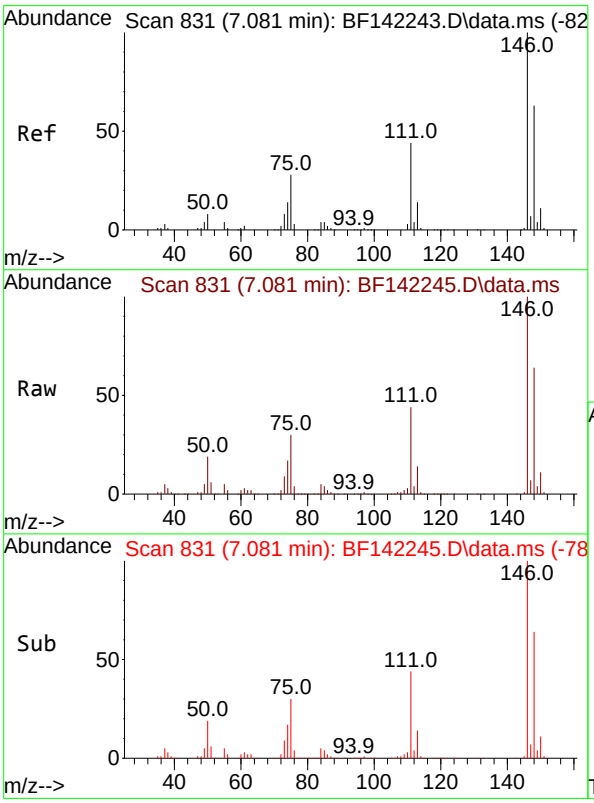
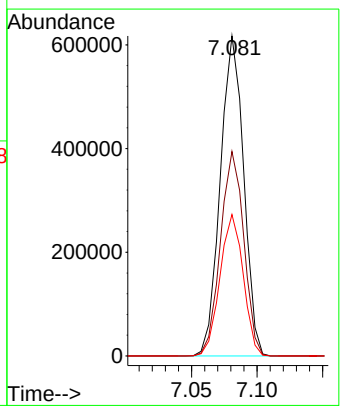
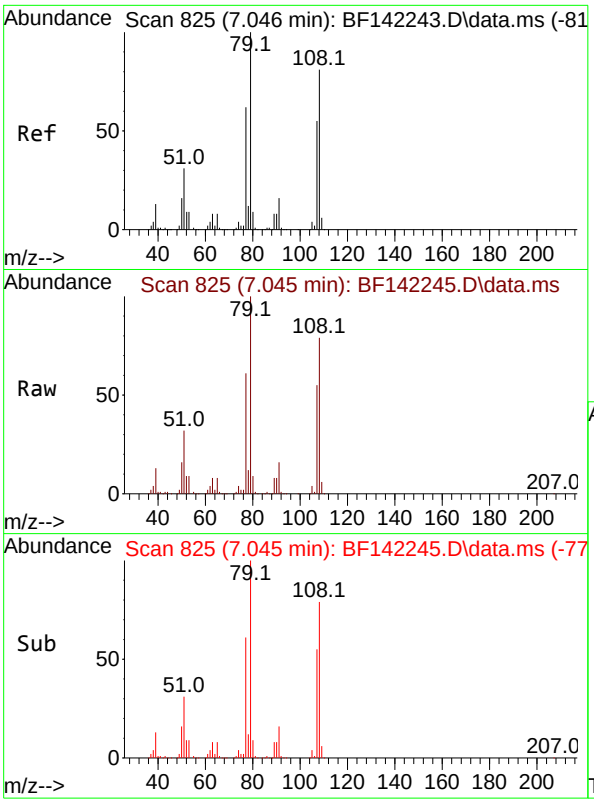


#14
1,2-Dichlorobenzene
Concen: 57.765 ng
RT: 7.081 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:146 Resp: 764397

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.5	75.7
111	44.2	34.9	52.3

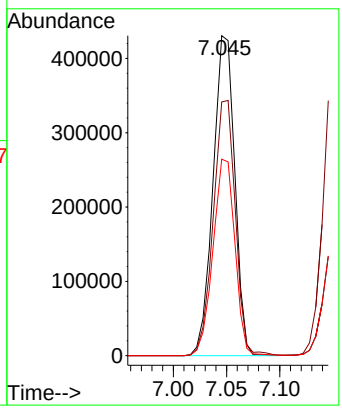




#15
Benzyl Alcohol
Concen: 60.504 ng
RT: 7.045 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion: 79 Resp: 60987

Ion	Ratio	Lower	Upper
79	100		
108	79.3	64.5	96.7
77	61.4	49.2	73.8



Instrument :
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ClientSampleId :
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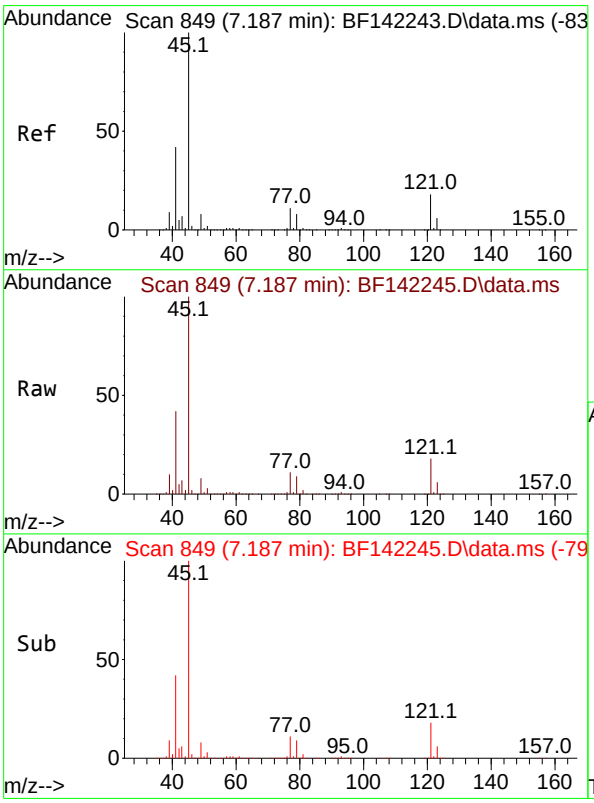
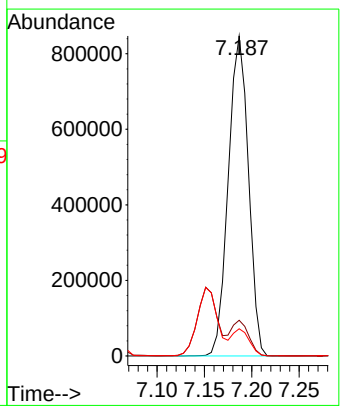
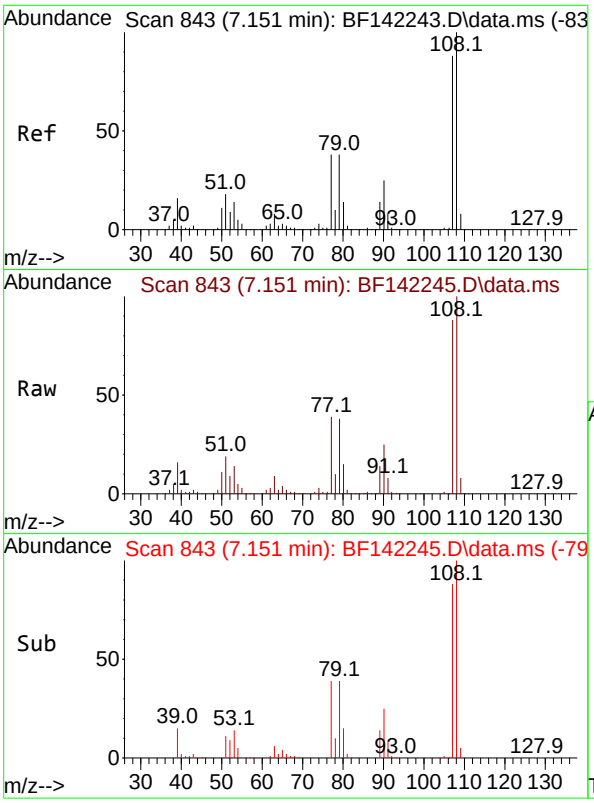


#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.370 ng
RT: 7.187 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion: 45 Resp: 1249716

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	31.3
79	8.5	0.0	28.5

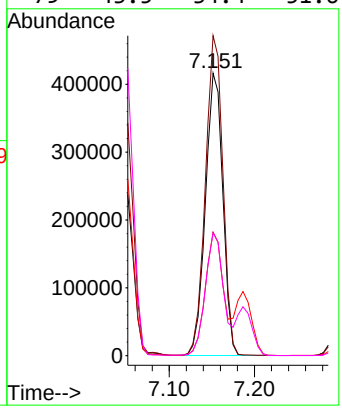




#17
2-Methylphenol
Concen: 59.438 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:107 Resp: 59217

Ion	Ratio	Lower	Upper
107	100		
108	113.3	91.0	136.4
77	43.7	34.4	51.6
79	43.5	34.4	51.6



Instrument :
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ClientSampleId :
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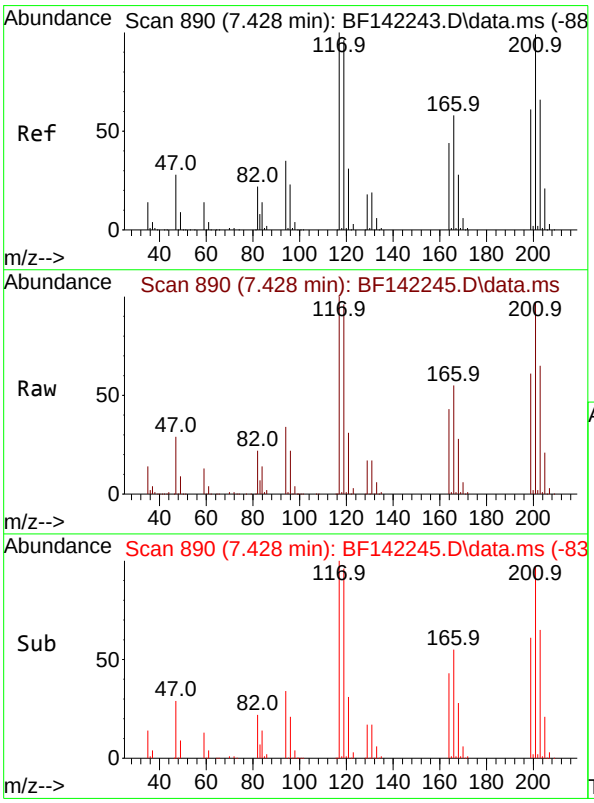
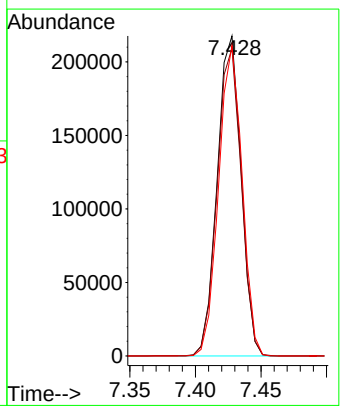
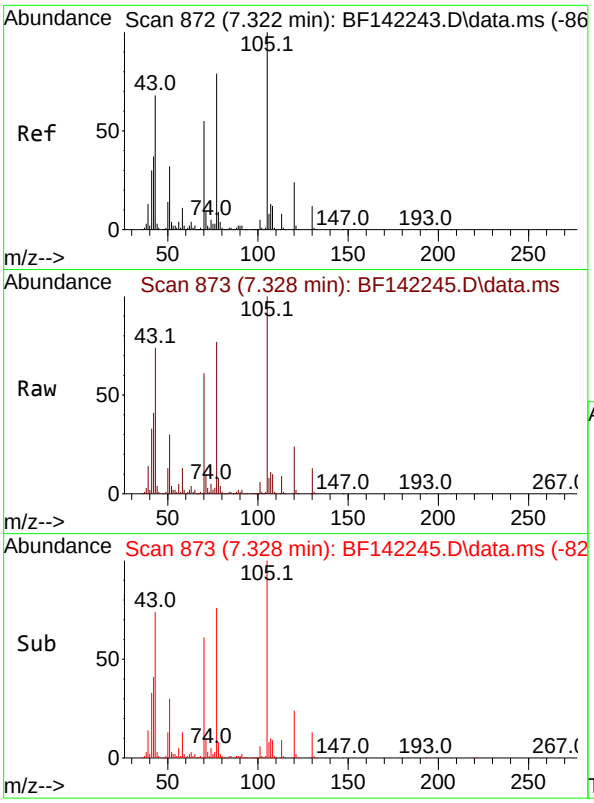


#18
Hexachloroethane
Concen: 60.761 ng
RT: 7.428 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:117 Resp: 275661

Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.1	115.7
201	97.0	79.4	119.2

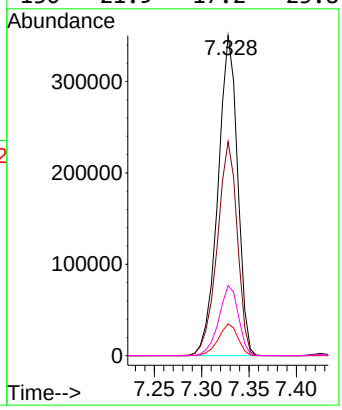




#19
n-Nitroso-di-n-propylamine
Concen: 57.660 ng
RT: 7.328 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion: 70 Resp: 50638

Ion	Ratio	Lower	Upper
70	100		
42	66.9	53.4	80.2
101	10.0	7.7	11.5
130	21.9	17.2	25.8



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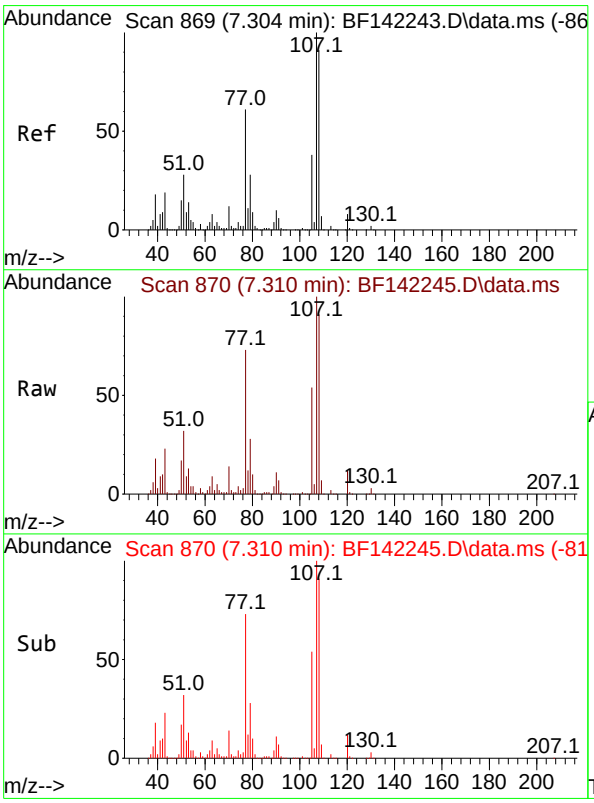
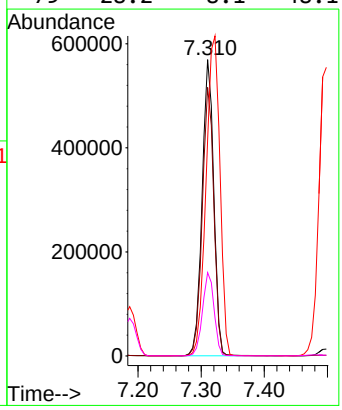
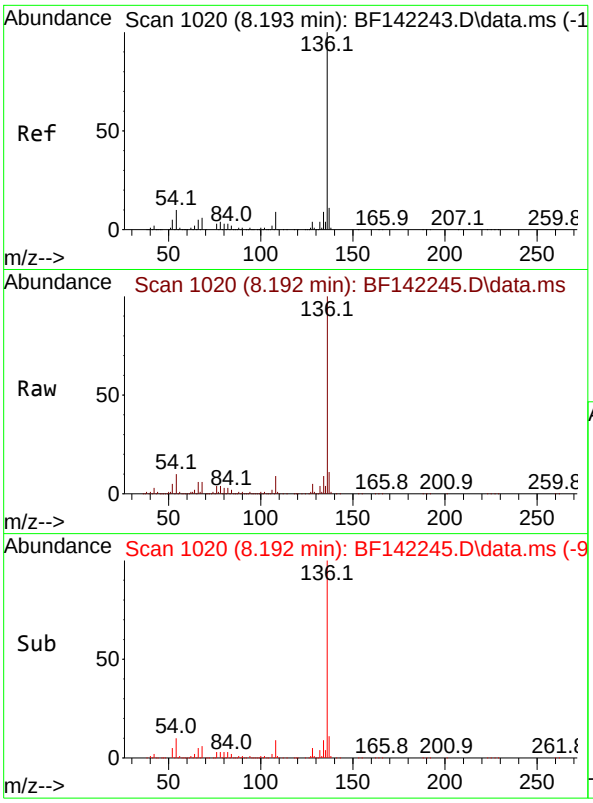


#20
3+4-Methylphenols
Concen: 58.670 ng
RT: 7.310 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:107 Resp: 730966

Ion	Ratio	Lower	Upper
107	100		
108	90.6	71.2	111.2
77	73.0	41.1	81.1
79	28.2	8.1	48.1

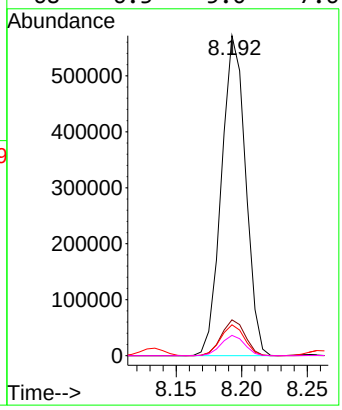




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1
Delta R.T. -0.001 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:136 Resp: 73076

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.7	7.7	11.5
68	6.3	5.0	7.6



Instrument :
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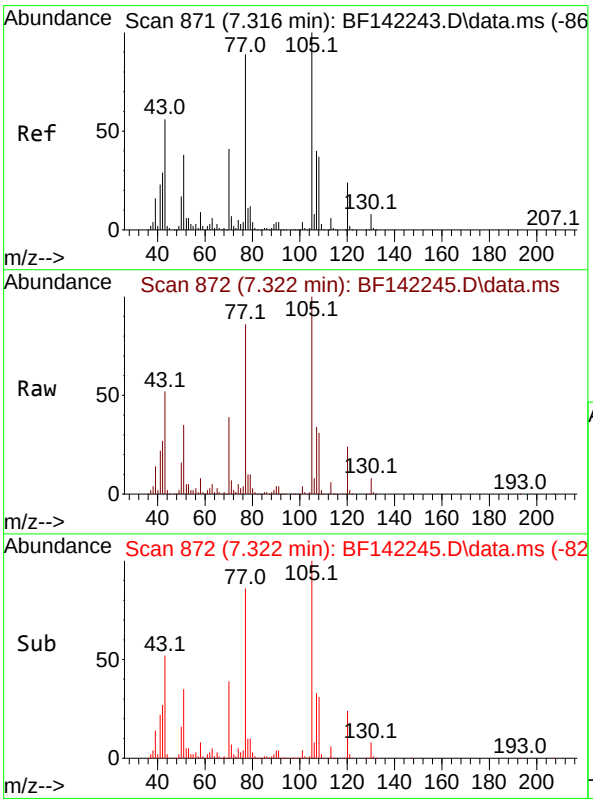
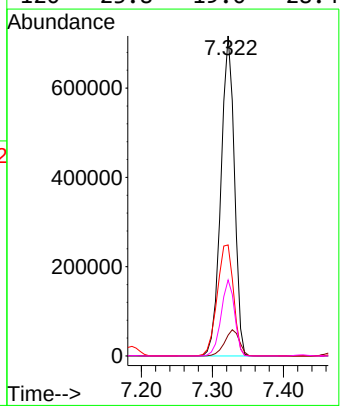
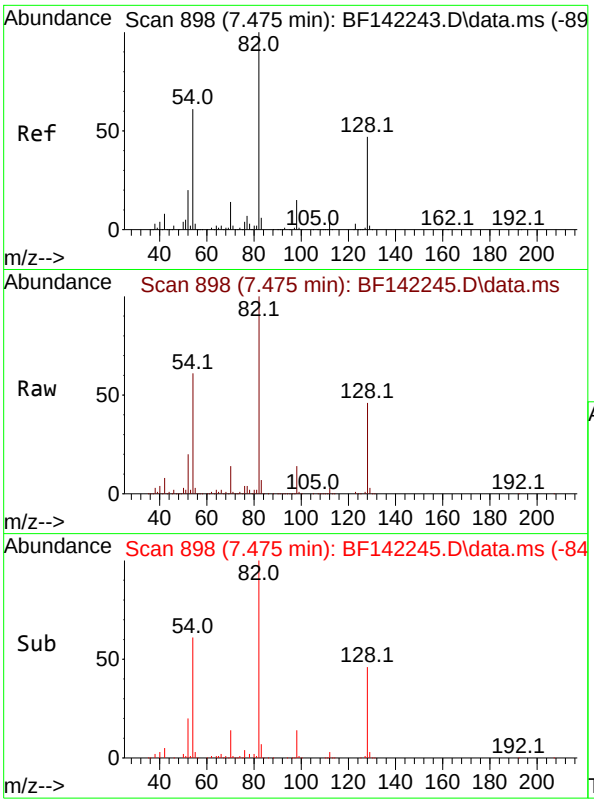


#22
Acetophenone
Concen: 55.792 ng
RT: 7.322 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:105 Resp: 943225

Ion	Ratio	Lower	Upper
105	100		
71	6.5	5.7	8.5
51	34.7	30.1	45.1
120	23.8	19.0	28.4





#23
Nitrobenzene-d5
Concen: 133.783 ng
RT: 7.475 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion: 82 Resp: 148810

Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.0	55.6
54	60.6	48.0	72.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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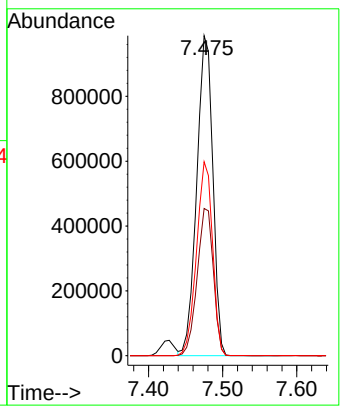
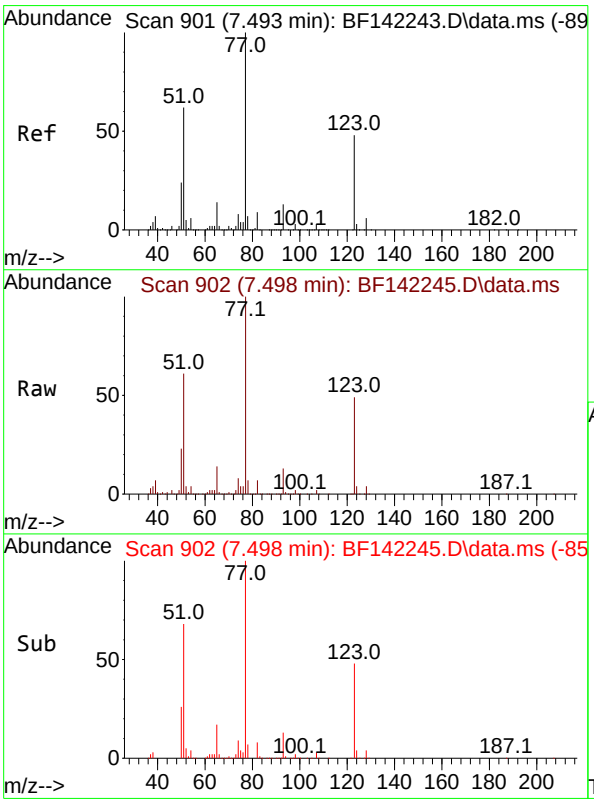
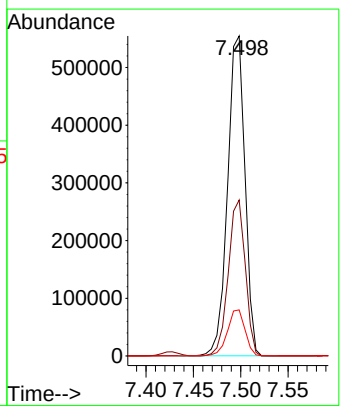


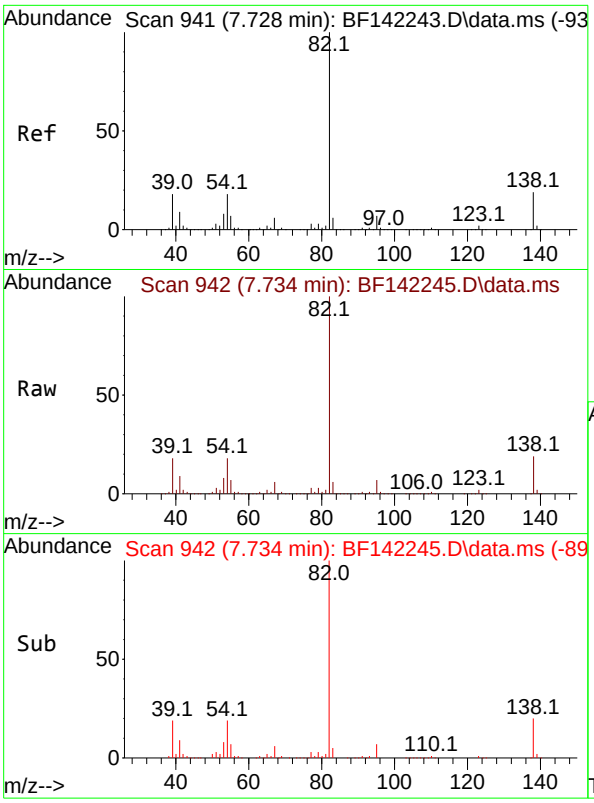


#24
Nitrobenzene
Concen: 64.948 ng
RT: 7.498 min Scan# 902
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion: 77 Resp: 708847

Ion	Ratio	Lower	Upper
77	100		
123	48.8	38.6	58.0
65	14.4	11.5	17.3





#25
Isophorone
Concen: 58.764 ng
RT: 7.734 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion: 82 Resp: 137182

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	19.2	15.3	22.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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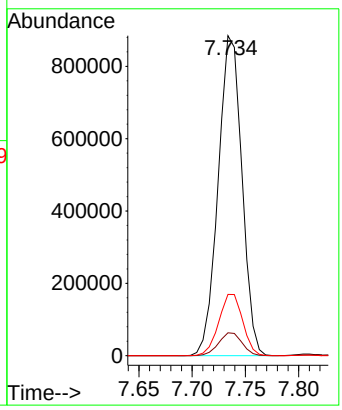
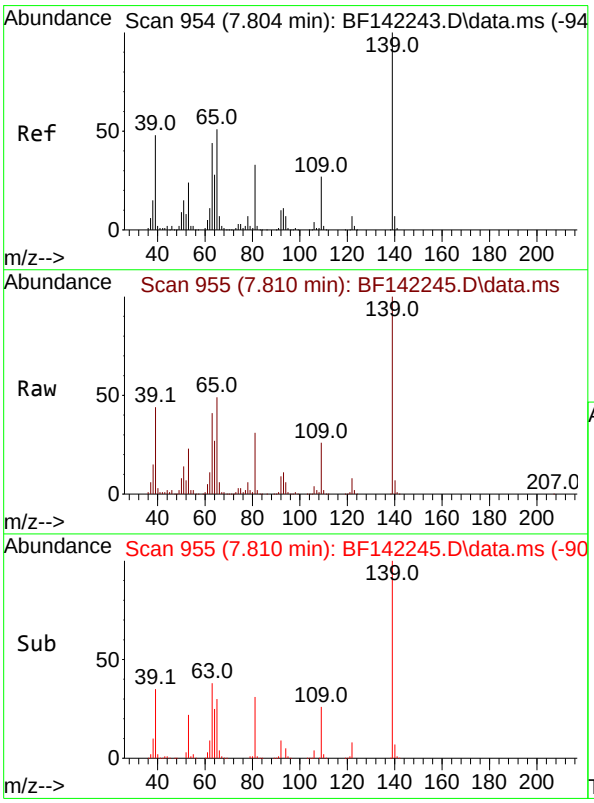
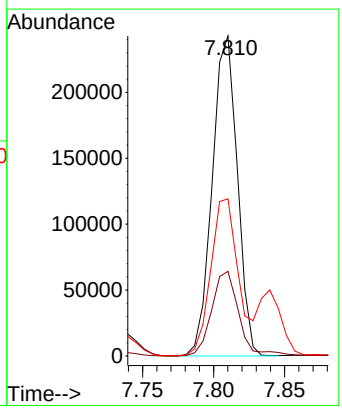


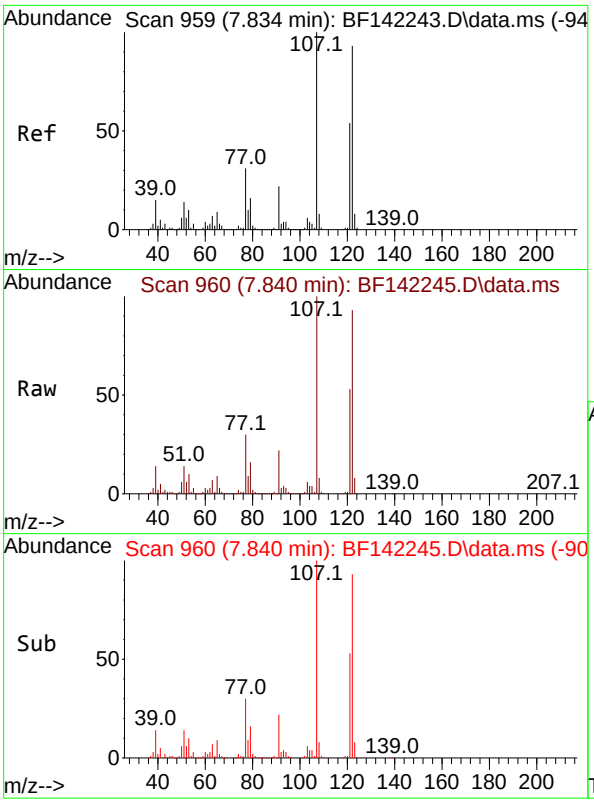


#26
2-Nitrophenol
Concen: 61.132 ng
RT: 7.810 min Scan# 955
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:139 Resp: 299107

Ion	Ratio	Lower	Upper
139	100		
109	26.5	21.8	32.8
65	49.1	41.1	61.7

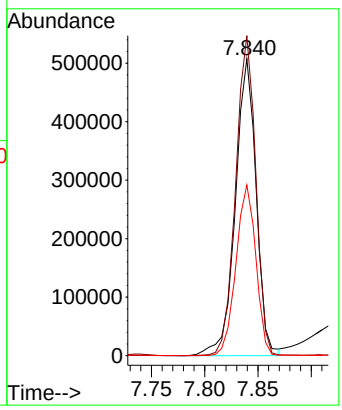




#27
2,4-Dimethylphenol
Concen: 58.731 ng
RT: 7.840 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:122 Resp: 69126

Ion	Ratio	Lower	Upper
122	100		
107	107.8	86.0	129.0
121	57.5	46.3	69.5



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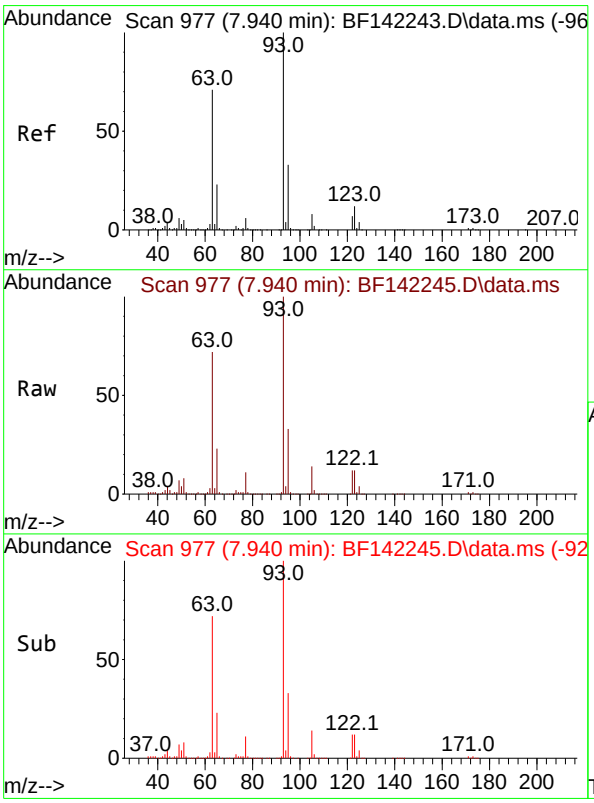
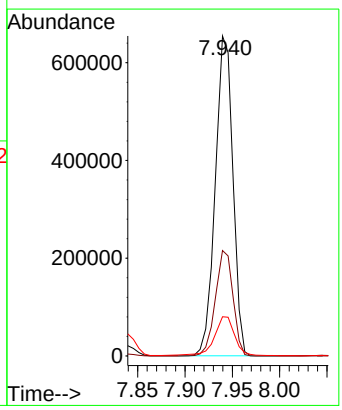
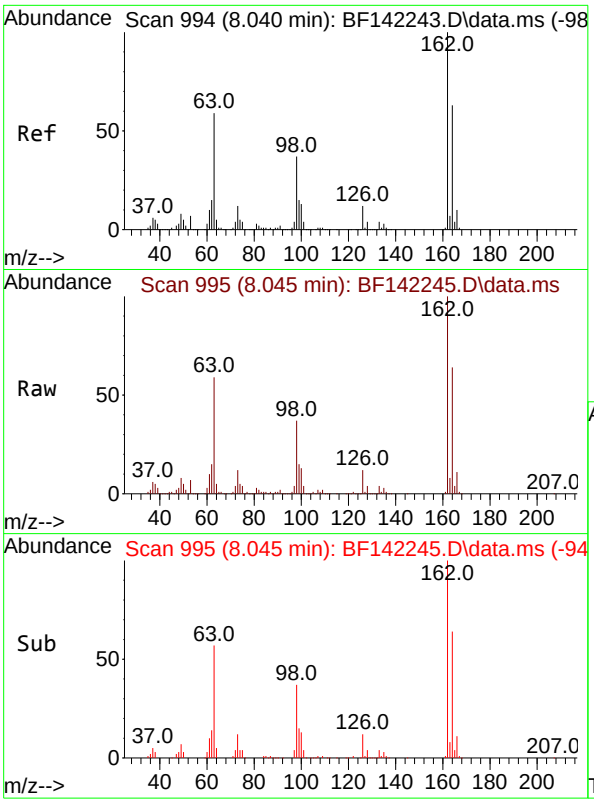


#28
bis(2-Chloroethoxy)methane
Concen: 57.543 ng
RT: 7.940 min Scan# 977
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion: 93 Resp: 847188

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.2
123	12.3	9.7	14.5





#29
2,4-Dichlorophenol
Concen: 60.658 ng
RT: 8.045 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:162 Resp: 59689

Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.0	83.0
98	36.7	16.7	56.7

Instrument :
BNA_F
ClientSampleId :
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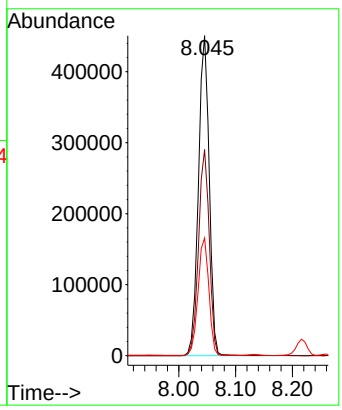
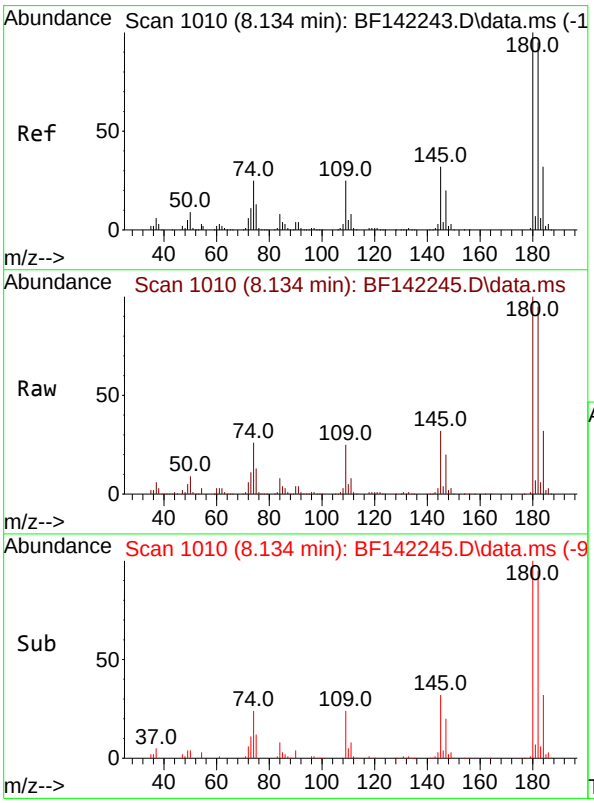
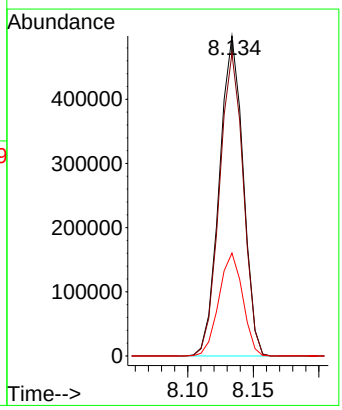


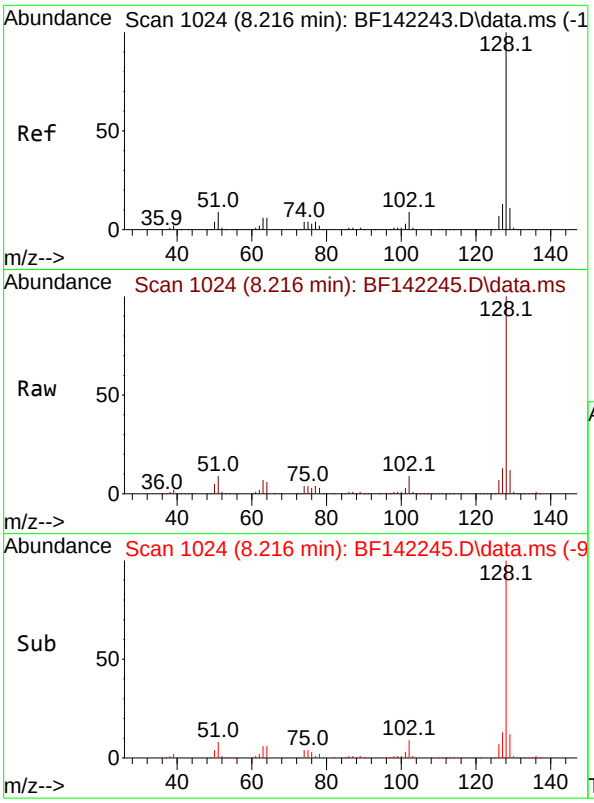


#30
1,2,4-Trichlorobenzene
Concen: 57.256 ng
RT: 8.134 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:180 Resp: 628720

Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.7	113.5
145	32.1	25.4	38.0

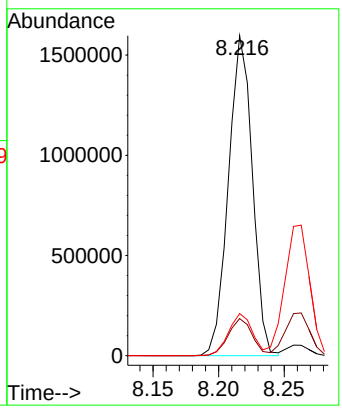




#31
Naphthalene
Concen: 55.603 ng
RT: 8.216 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:128 Resp: 202639

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.4
127	13.2	10.6	15.8



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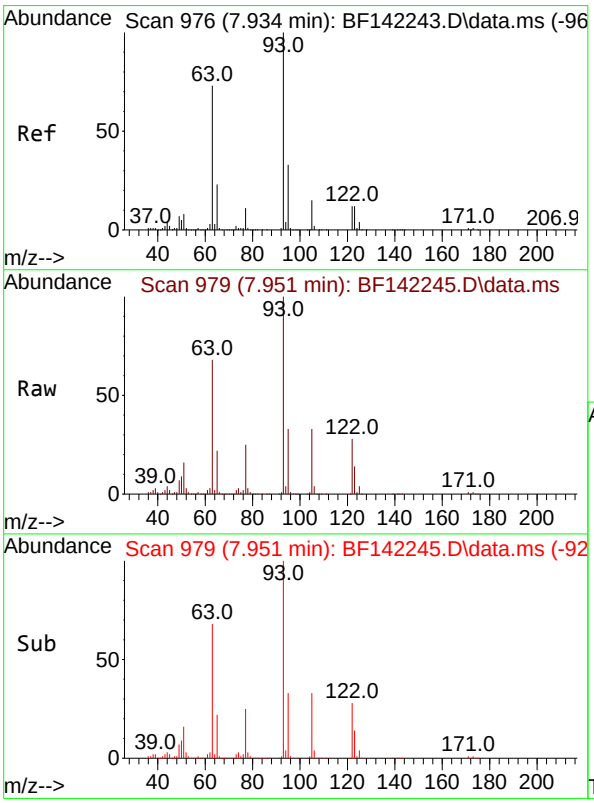
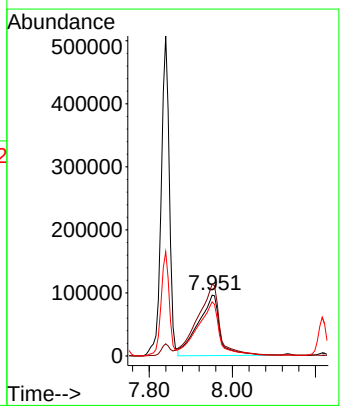
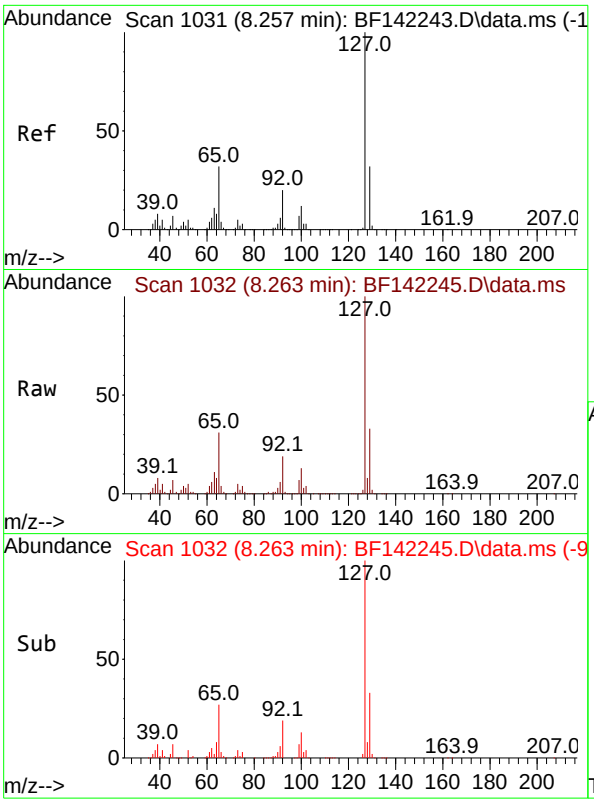


#32
Benzoic acid
Concen: 59.198 ng
RT: 7.951 min Scan# 979
Delta R.T. 0.017 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:122 Resp: 349577

Ion	Ratio	Lower	Upper
122	100		
105	118.0	98.2	138.2
77	88.8	66.8	106.8

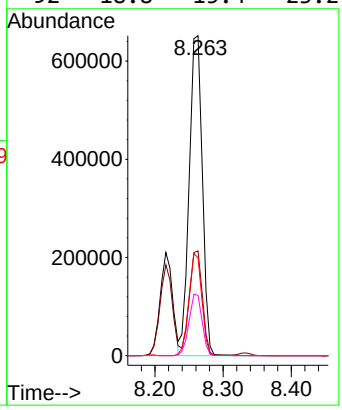




#33
4-Chloroaniline
Concen: 57.207 ng
RT: 8.263 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:127 Resp: 86815

Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.1	39.1
65	30.5	25.5	38.3
92	18.8	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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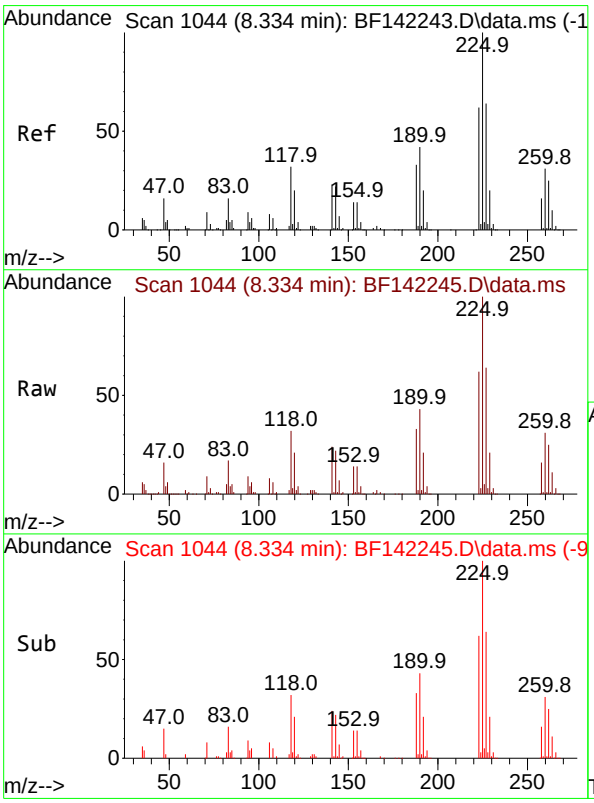
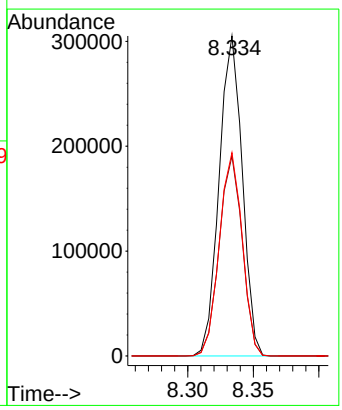
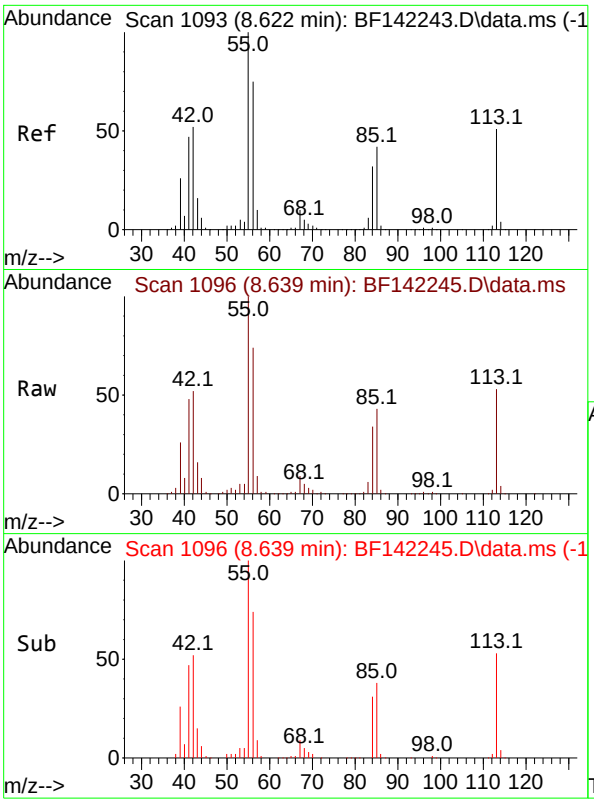


#34
Hexachlorobutadiene
Concen: 58.266 ng
RT: 8.334 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:225 Resp: 373284

Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.7	74.5
227	63.6	51.0	76.4

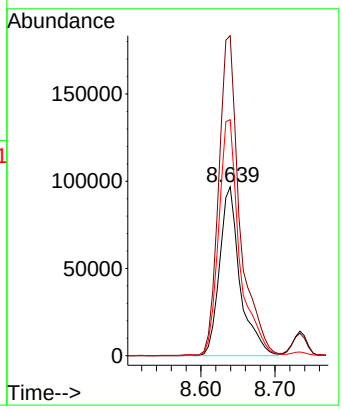




#35
Caprolactam
Concen: 62.928 ng
RT: 8.639 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:113 Resp: 18612

Ion	Ratio	Lower	Upper
113	100		
55	189.5	177.7	217.7
56	139.8	127.1	167.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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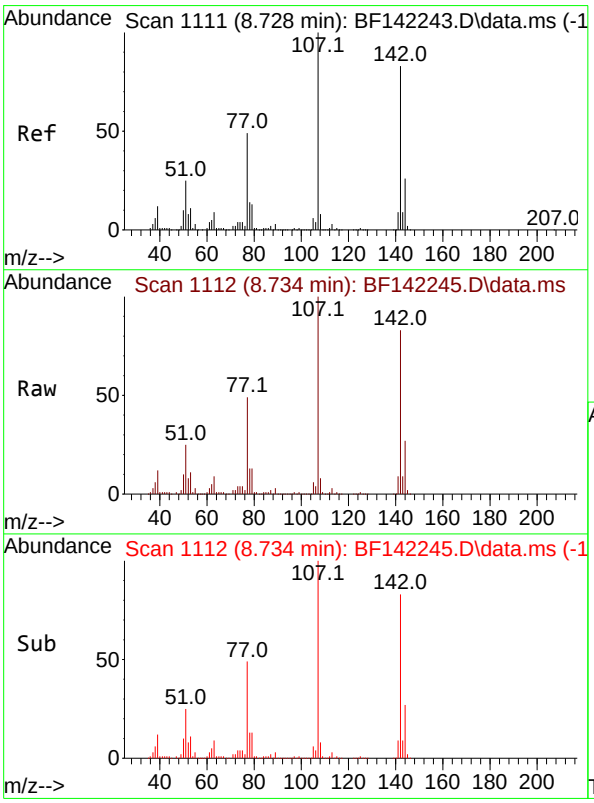
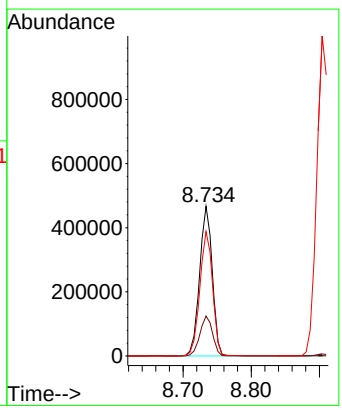
Supervised By :Jagrut Upadhyay 05/01/2025

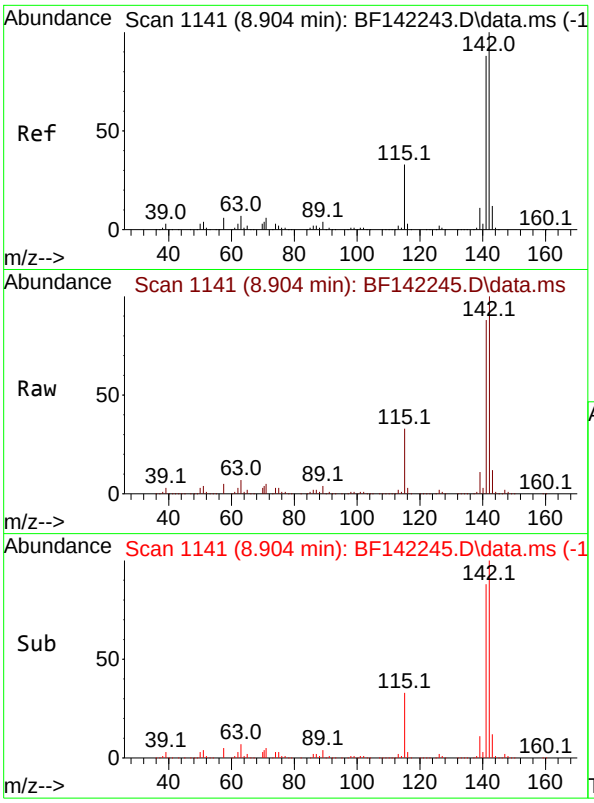


#36
4-Chloro-3-methylphenol
Concen: 59.887 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:107 Resp: 605133

Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.0	31.4
142	83.2	66.1	99.1

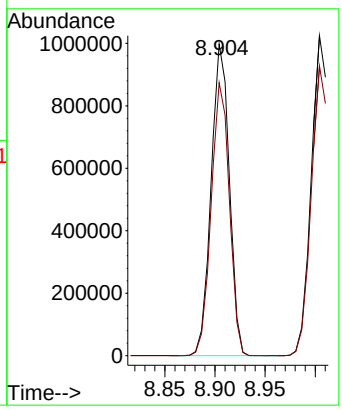




#37
2-Methylnaphthalene
Concen: 56.136 ng
RT: 8.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:142 Resp: 125782

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.5	105.7



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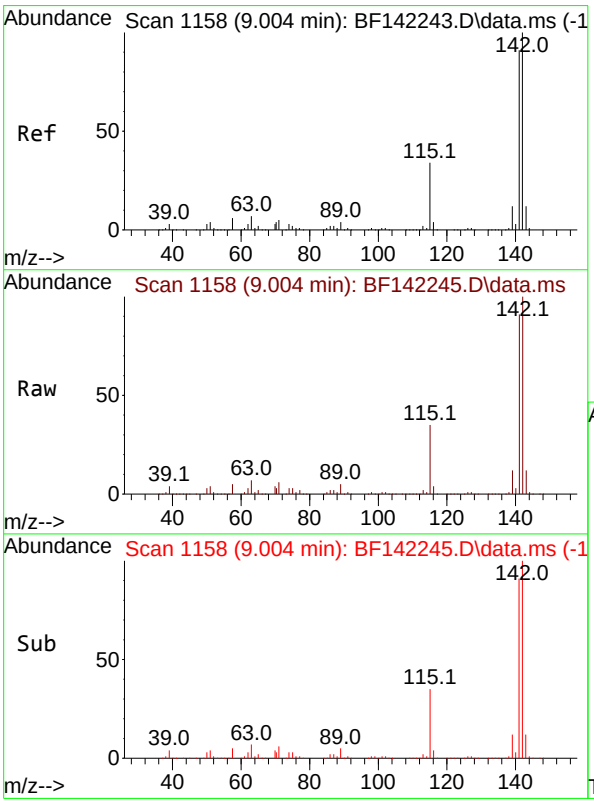
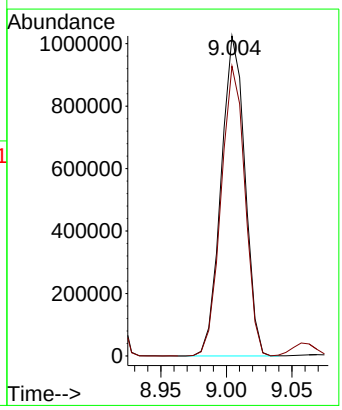
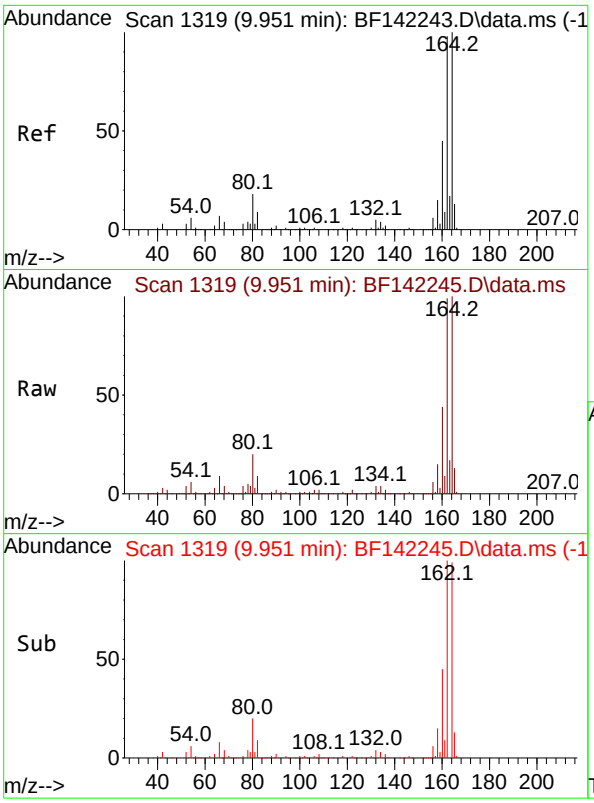


#38
1-Methylnaphthalene
Concen: 55.760 ng
RT: 9.004 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:142 Resp: 1294318

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.8	109.2

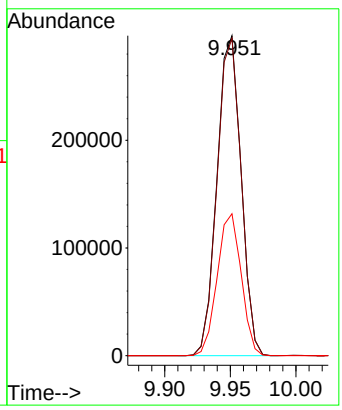




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:164 Resp: 37927

Ion	Ratio	Lower	Upper
164	100		
162	99.2	78.6	117.8
160	44.3	35.7	53.5



Instrument :
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ClientSampleId :
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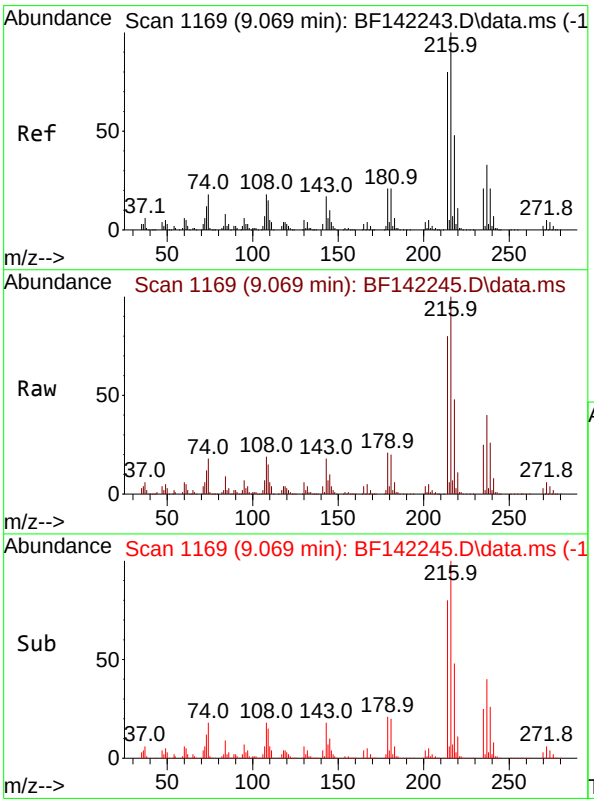
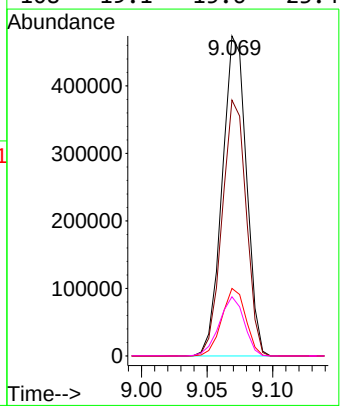
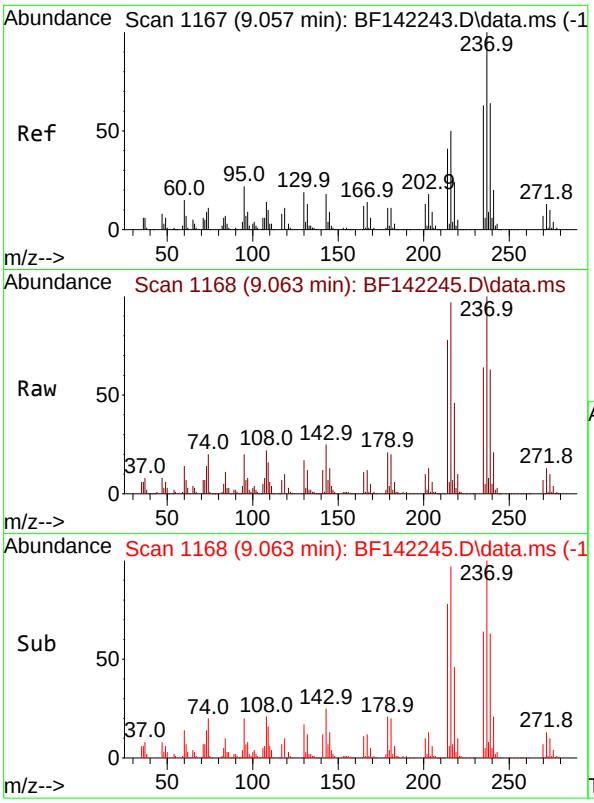


#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.925 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:216 Resp: 607614

Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.6
179	20.9	16.7	25.1
108	19.1	15.6	23.4

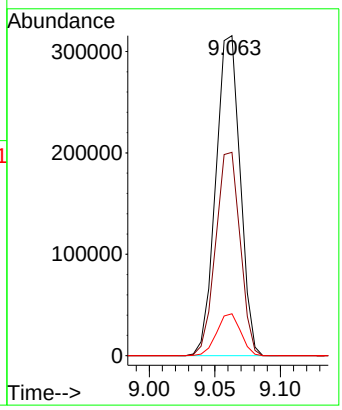




#41
Hexachlorocyclopentadiene
Concen: 67.248 ng
RT: 9.063 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:237 Resp: 40738

Ion	Ratio	Lower	Upper
237	100		
235	63.6	43.5	83.5
272	13.1	0.0	32.9



Instrument :
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ClientSampleId :
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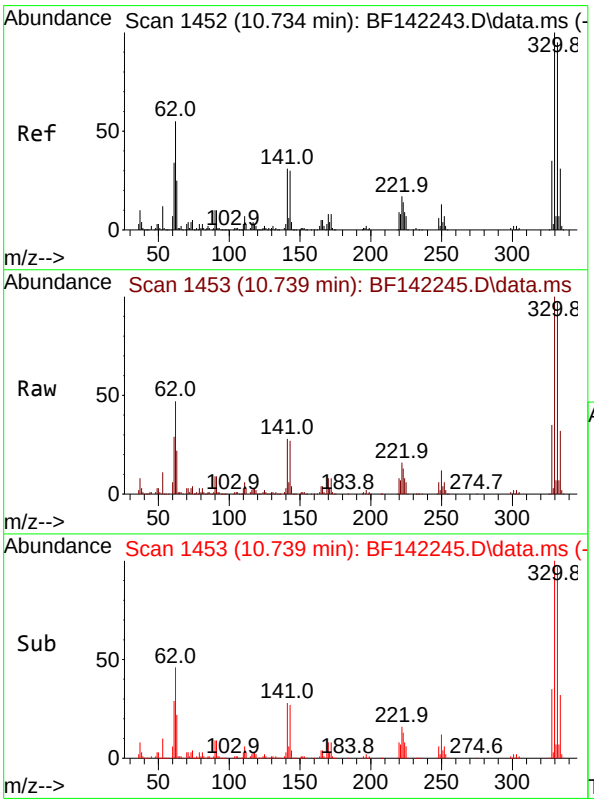
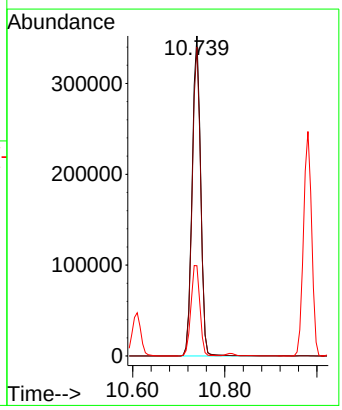
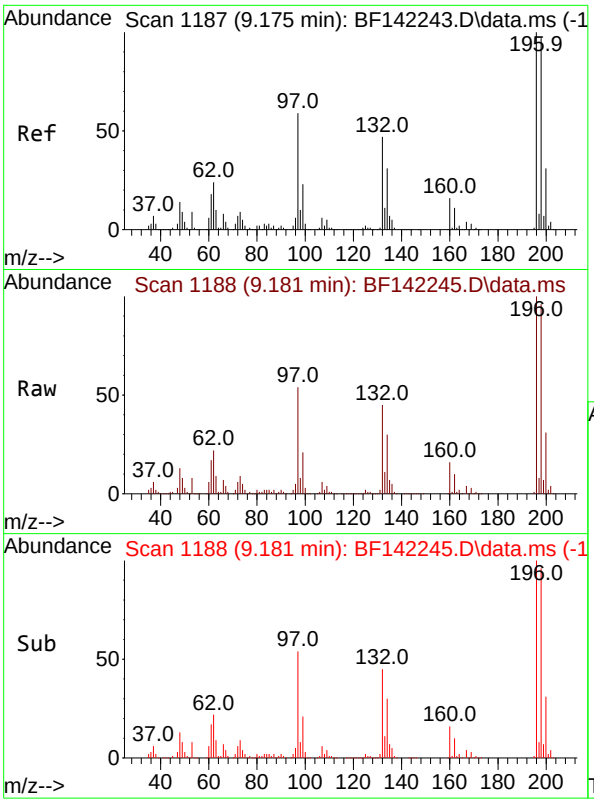


#42
2,4,6-Tribromophenol
Concen: 129.531 ng
RT: 10.739 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:330 Resp: 447862

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.5	114.7
141	29.9	24.3	36.5

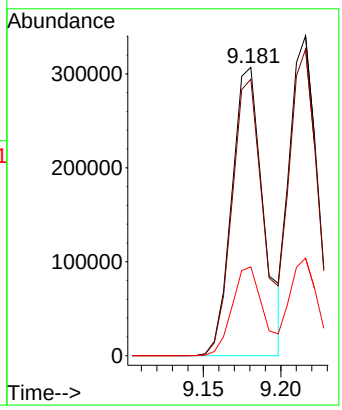




#43
2,4,6-Trichlorophenol
Concen: 65.514 ng
RT: 9.181 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:196 Resp: 43332

Ion	Ratio	Lower	Upper
196	100		
198	95.9	77.4	116.2
200	30.8	24.6	37.0



Instrument :
BNA_F
ClientSampleId :
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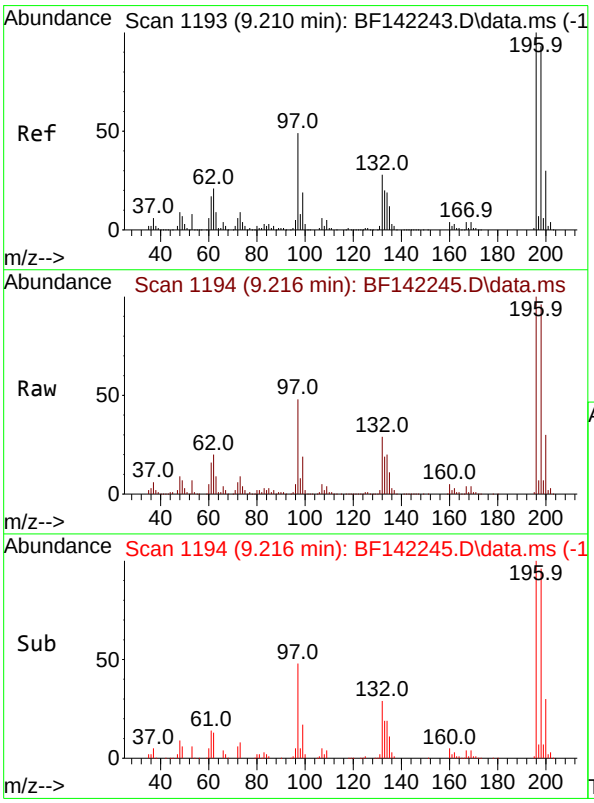
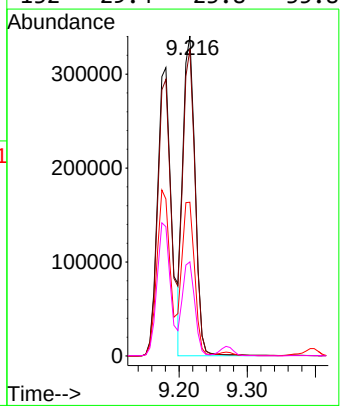
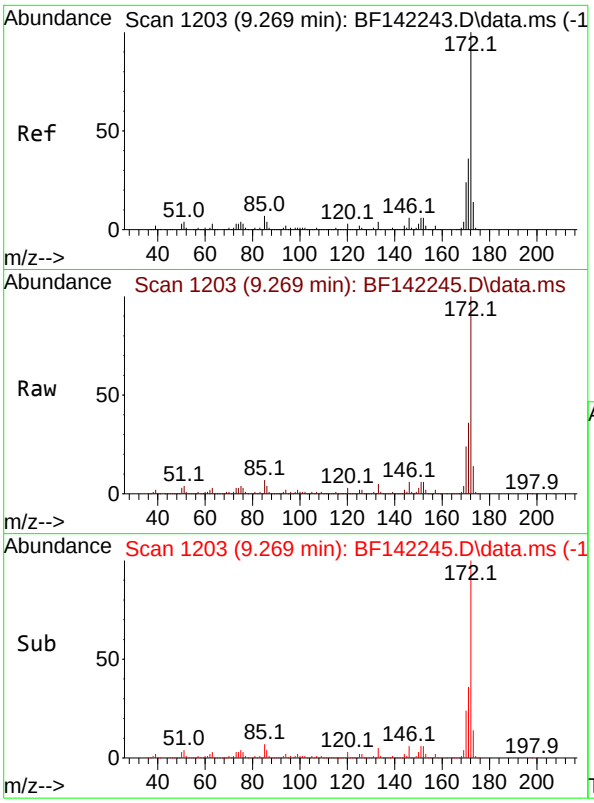


#44
2,4,5-Trichlorophenol
Concen: 60.705 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:196 Resp: 422145

Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.2	112.8
97	48.1	39.8	59.8
132	29.4	23.8	35.8

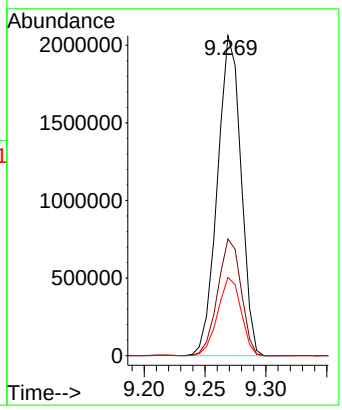




#45
2-Fluorobiphenyl
Concen: 103.255 ng
RT: 9.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:172 Resp: 277748

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.4	19.4	29.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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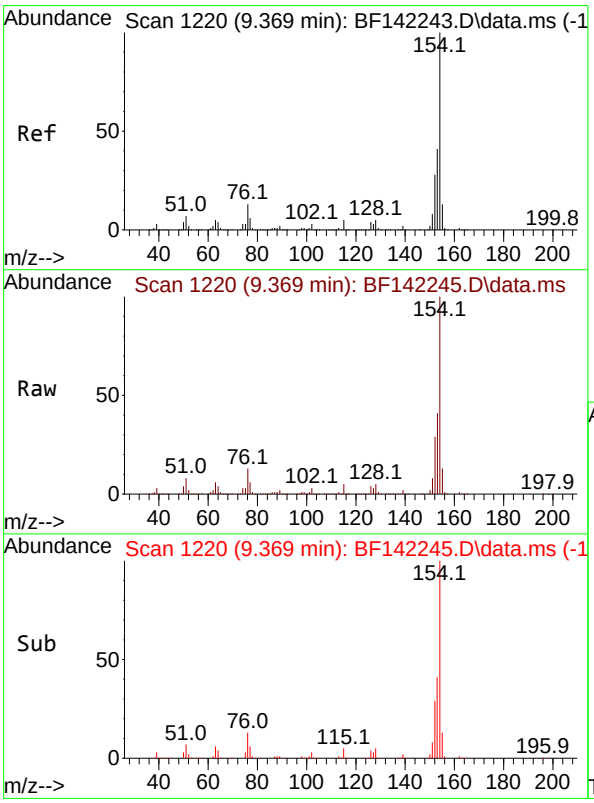
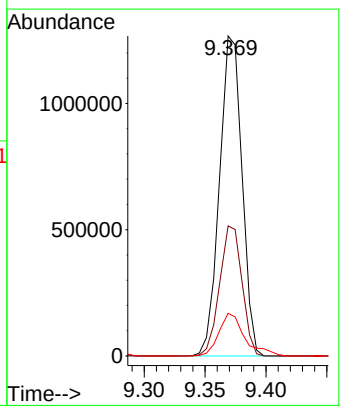
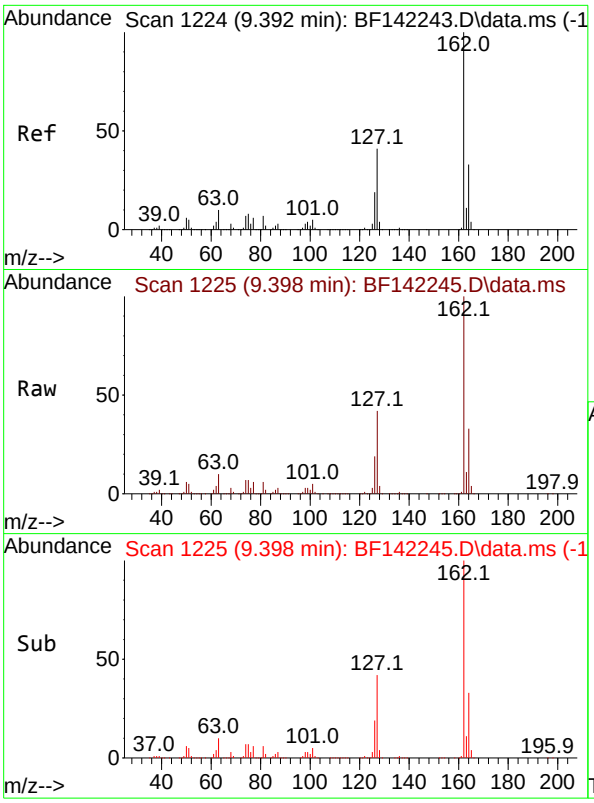


#46
1,1'-Biphenyl
Concen: 55.372 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:154 Resp: 1632628

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.5	60.5
76	13.3	0.0	32.8

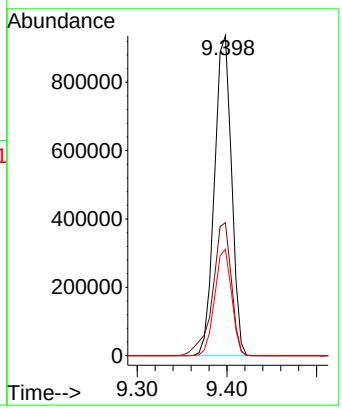




#47
2-Chloronaphthalene
Concen: 56.283 ng
RT: 9.398 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:162 Resp: 123467

Ion	Ratio	Lower	Upper
162	100		
127	41.6	32.6	49.0
164	33.2	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
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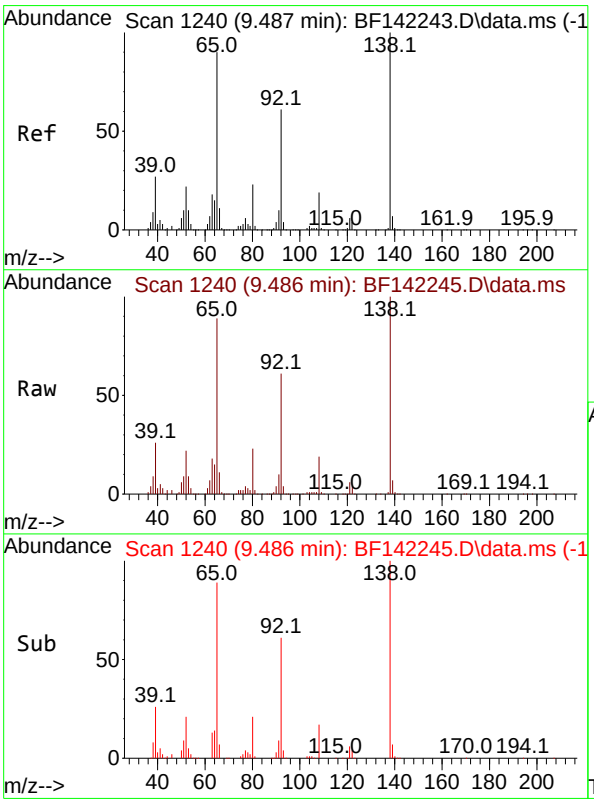
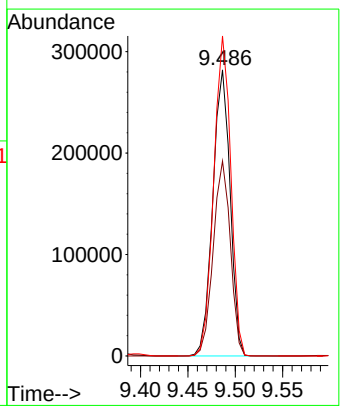
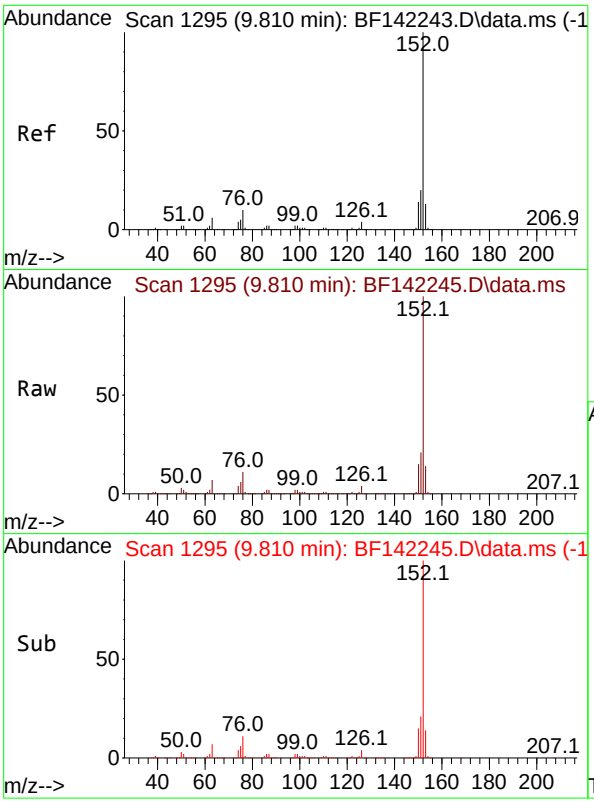


#48
2-Nitroaniline
Concen: 60.490 ng
RT: 9.486 min Scan# 1240
Delta R.T. -0.001 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion: 65 Resp: 357897

Ion	Ratio	Lower	Upper
65	100		
92	68.1	54.3	81.5
138	111.9	88.6	133.0

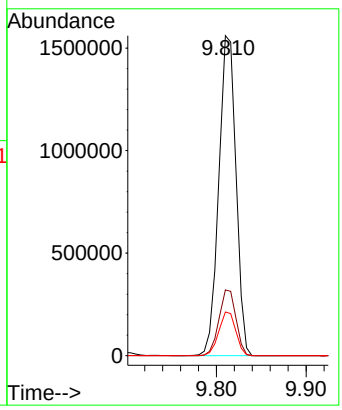




#49
Acenaphthylene
Concen: 56.175 ng
RT: 9.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:152 Resp: 207945

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2
153	13.6	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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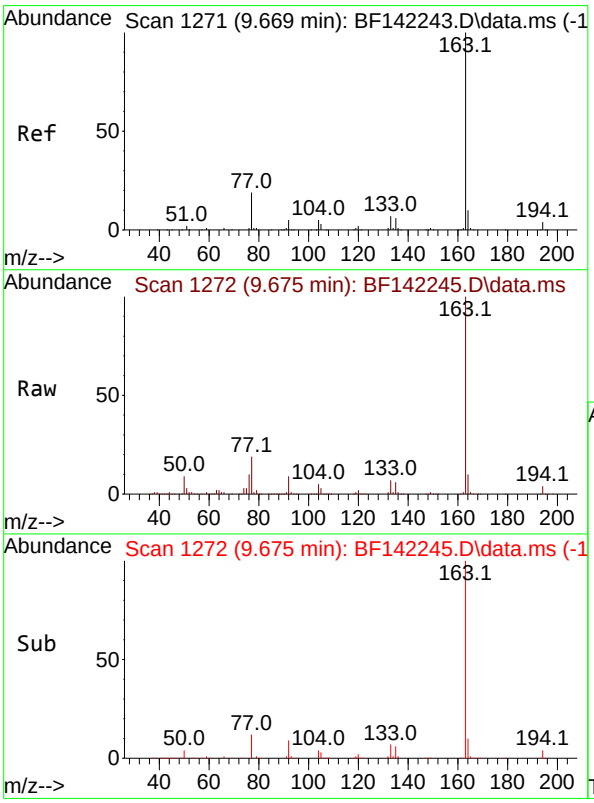
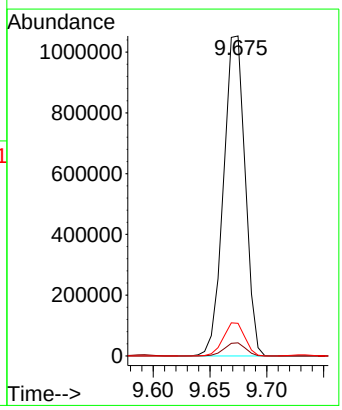
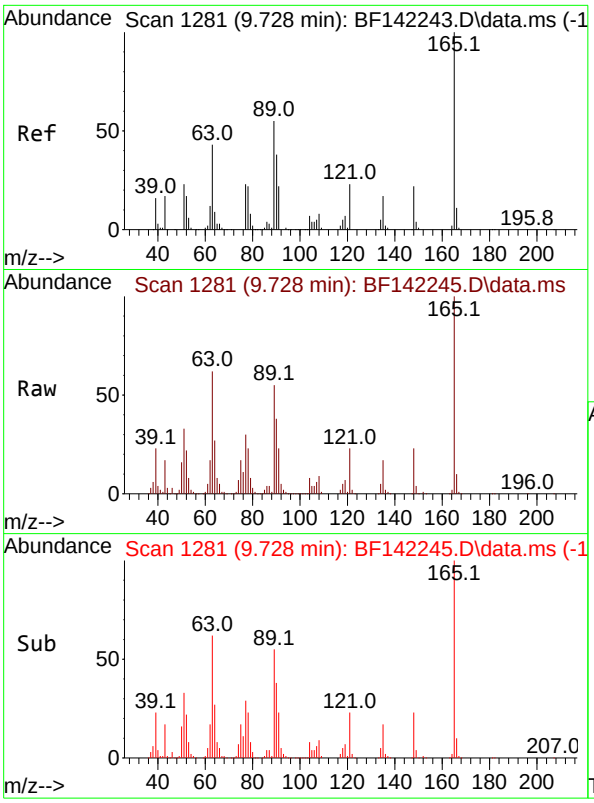


#50
Dimethylphthalate
Concen: 57.529 ng
RT: 9.675 min Scan# 1272
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:163 Resp: 1395869

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.2	8.2	12.2

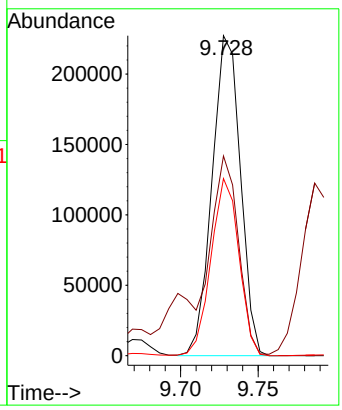




#51
2,6-Dinitrotoluene
Concen: 60.986 ng
RT: 9.728 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:165 Resp: 28935

Ion	Ratio	Lower	Upper
165	100		
63	62.4	48.5	72.7
89	55.4	43.9	65.9



Instrument :
BNA_F
ClientSampleId :
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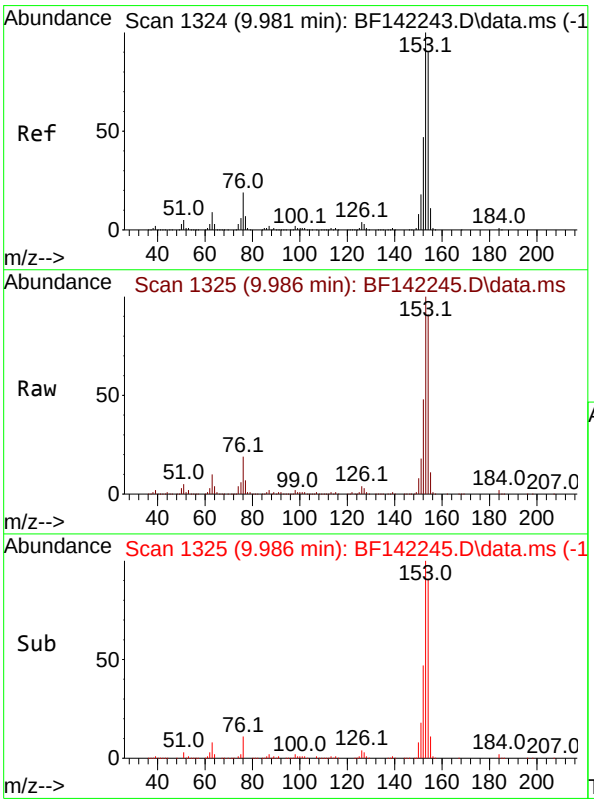
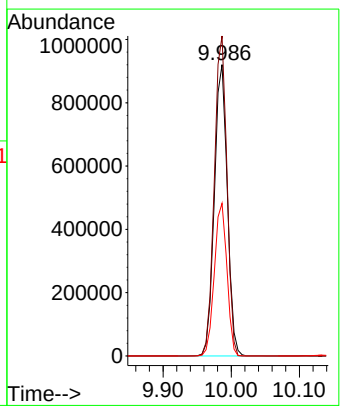
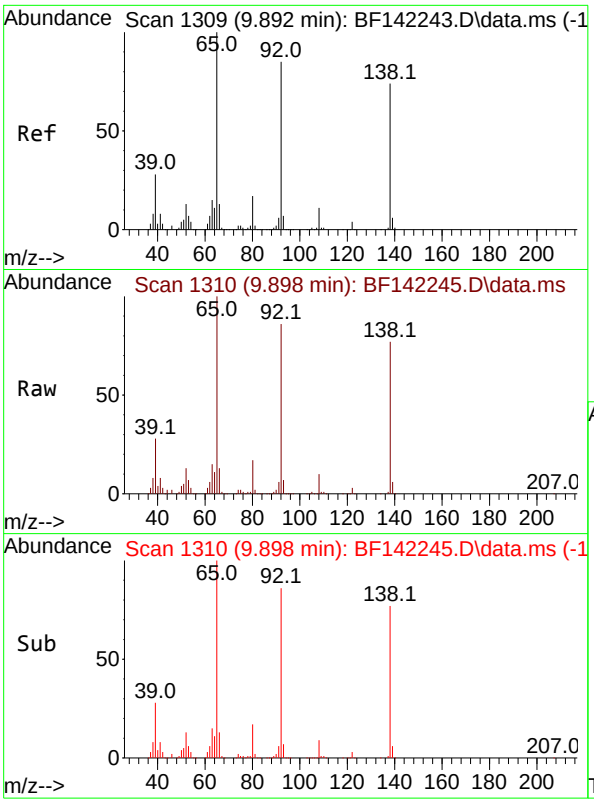


#52
Acenaphthene
Concen: 56.414 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:154 Resp: 1219341

Ion	Ratio	Lower	Upper
154	100		
153	109.8	88.6	133.0
152	52.4	42.1	63.1





#53
3-Nitroaniline
Concen: 61.278 ng
RT: 9.898 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:138 Resp: 35227

Ion	Ratio	Lower	Upper
138	100		
108	12.4	11.7	17.5
92	110.7	91.2	136.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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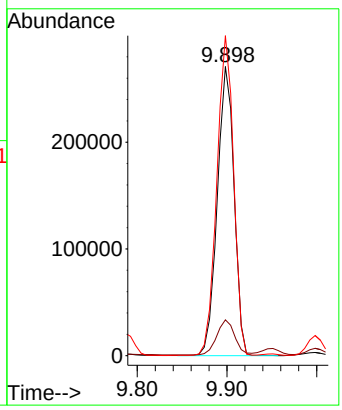
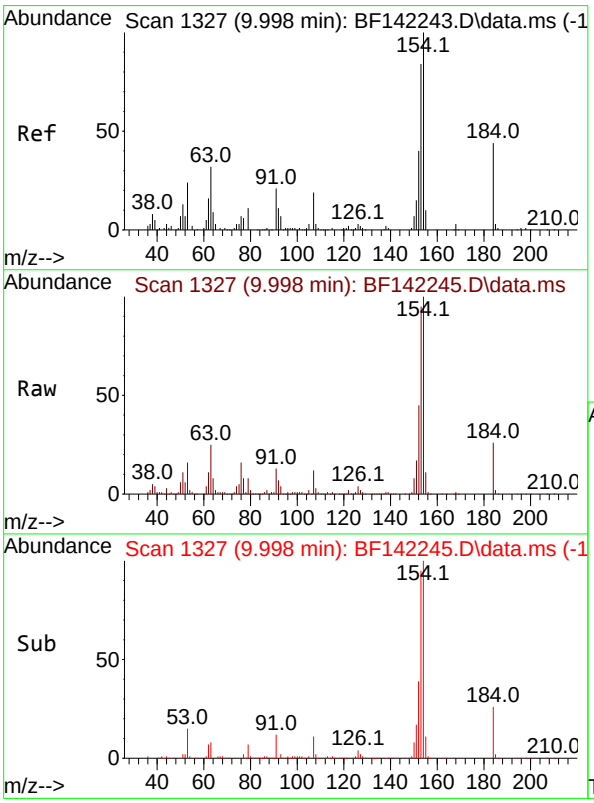
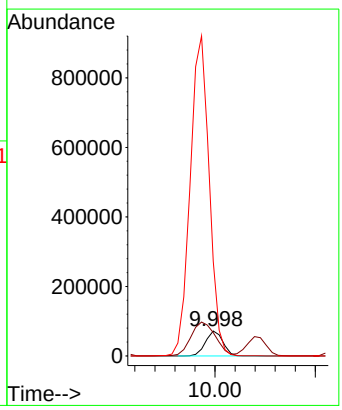


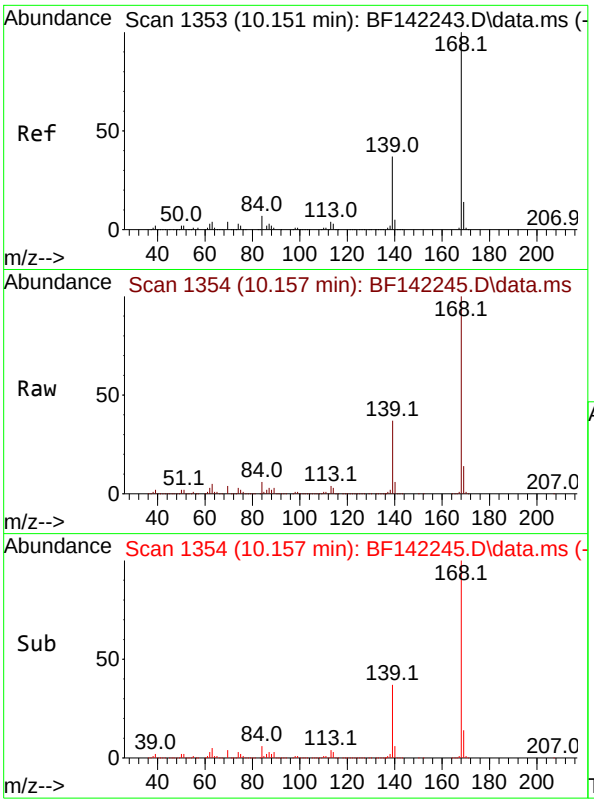


#54
2,4-Dinitrophenol
Concen: 61.133 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:184 Resp: 86520

Ion	Ratio	Lower	Upper
184	100		
63	93.7	69.2	103.8
154	379.9	271.4	407.2

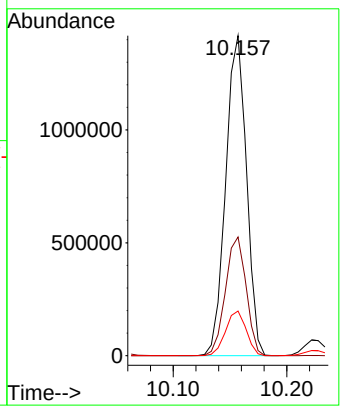




#55
Dibenzofuran
Concen: 55.513 ng
RT: 10.157 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:168 Resp: 179862

Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.4	44.0
169	13.9	11.0	16.4



Instrument :
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ClientSampleId :
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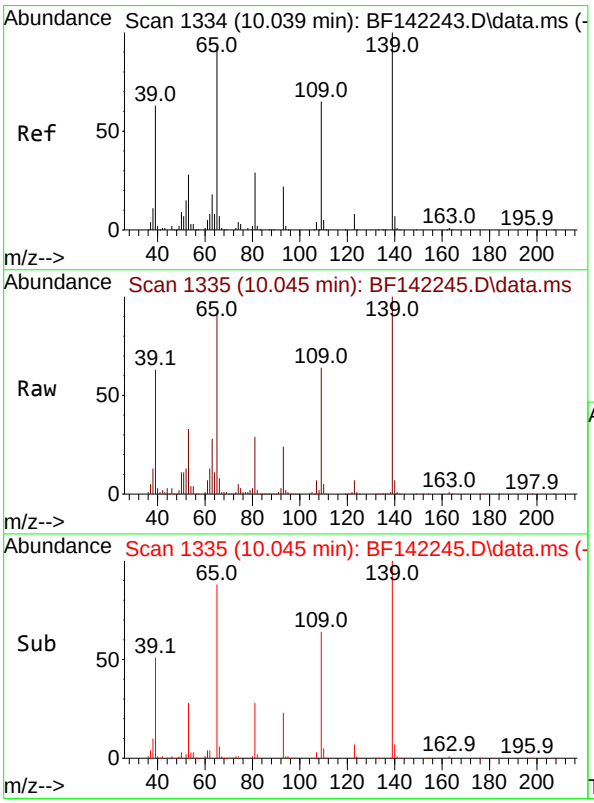
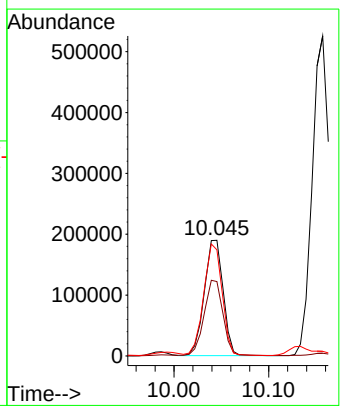
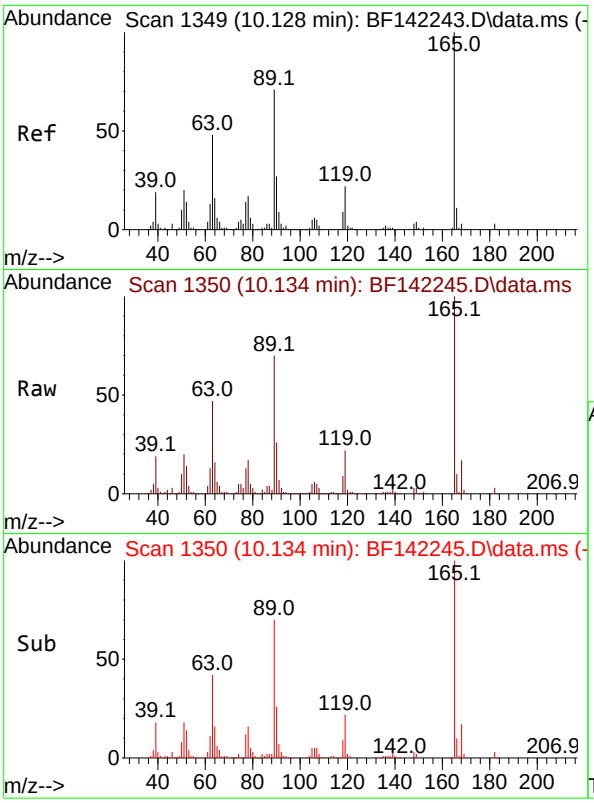


#56
4-Nitrophenol
Concen: 68.694 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:139 Resp: 261987

Ion	Ratio	Lower	Upper
139	100		
109	64.4	44.9	84.9
65	91.8	74.7	114.7

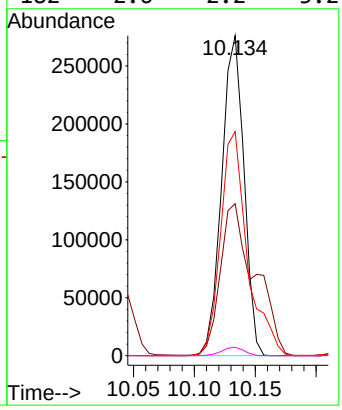




#57
2,4-Dinitrotoluene
Concen: 60.964 ng
RT: 10.134 min Scan# 1
Delta R.T. 0.005 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:165 Resp: 35200

Ion	Ratio	Lower	Upper
165	100		
63	47.5	38.8	58.2
89	70.1	57.1	85.7
182	2.6	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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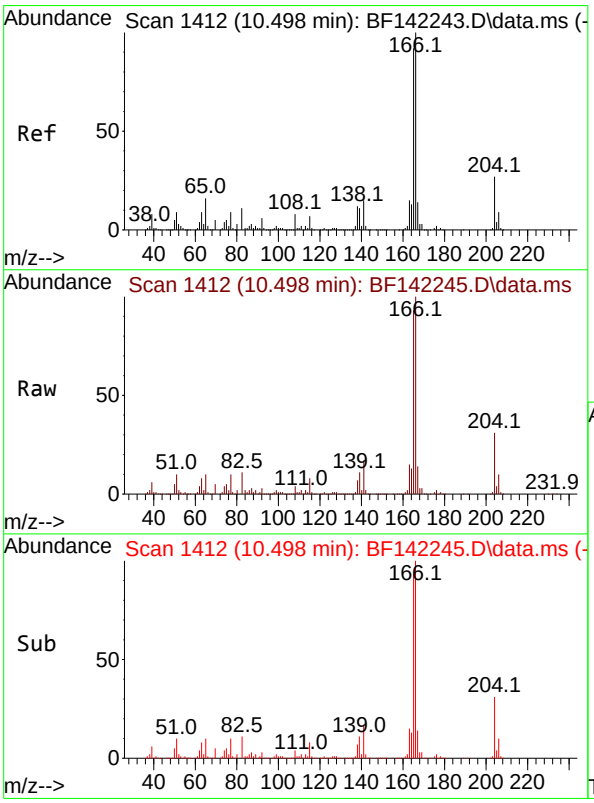
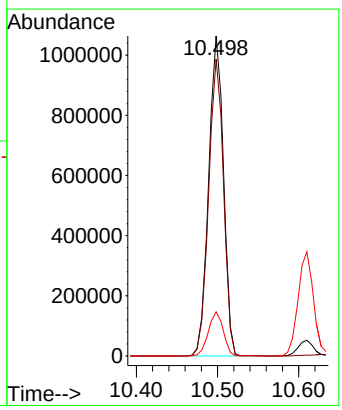
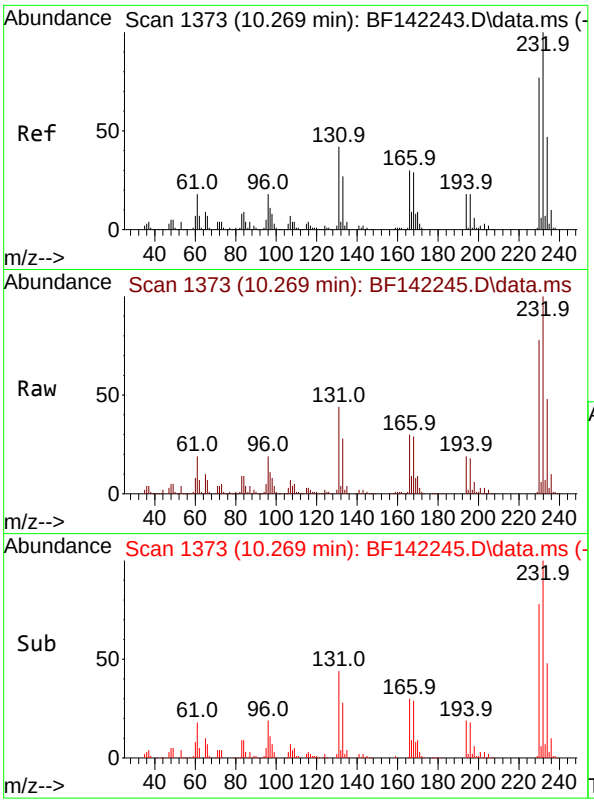


#58
Fluorene
Concen: 54.754 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:166 Resp: 1348902

Ion	Ratio	Lower	Upper
166	100		
165	92.8	73.9	110.9
167	13.8	10.8	16.2

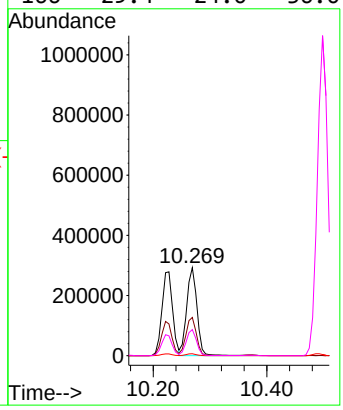




#59
2,3,4,6-Tetrachlorophenol
Concen: 63.765 ng
RT: 10.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:232 Resp: 36731

Ion	Ratio	Lower	Upper
232	100		
131	44.2	35.9	53.9
130	2.2	1.8	2.6
166	29.4	24.0	36.0



Instrument :
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ClientSampleId :
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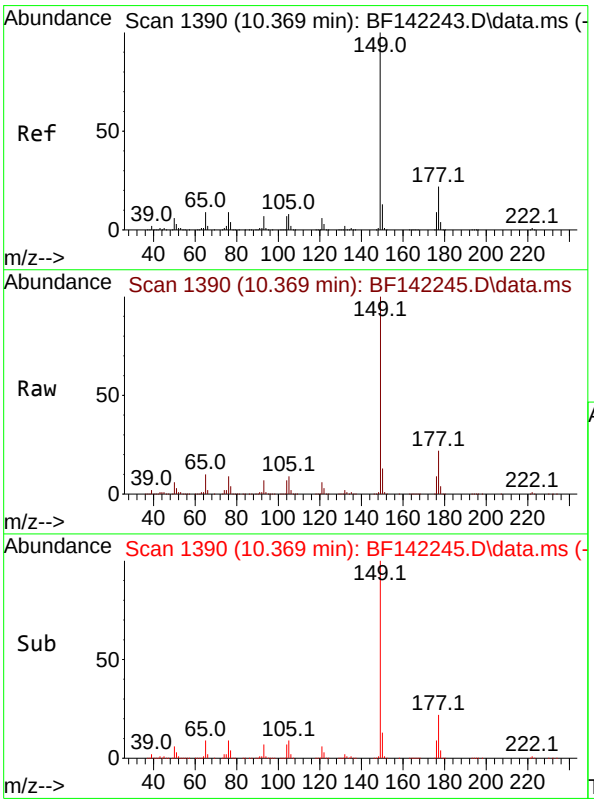
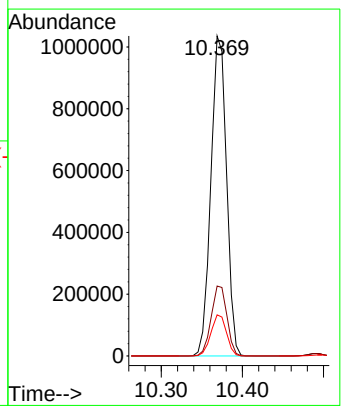
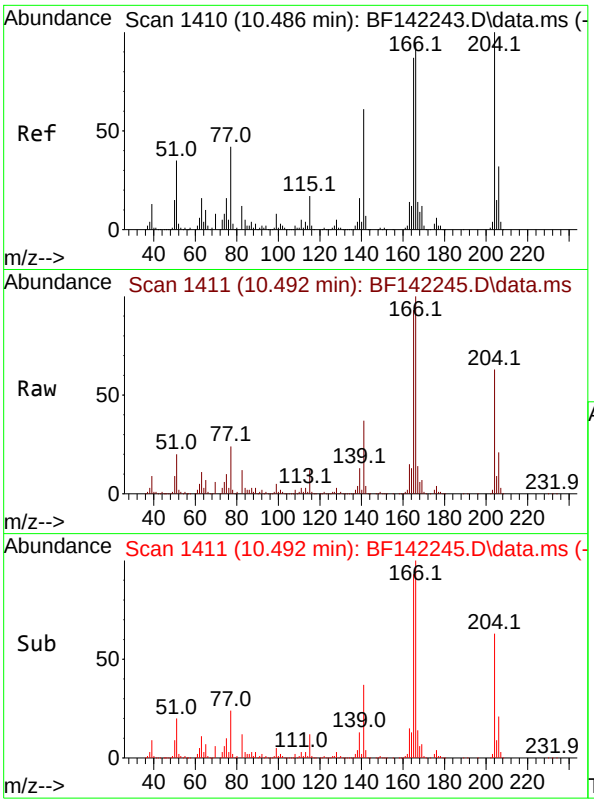


#60
Diethylphthalate
Concen: 57.717 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:149 Resp: 1382905

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.6	26.4
150	12.8	10.2	15.2

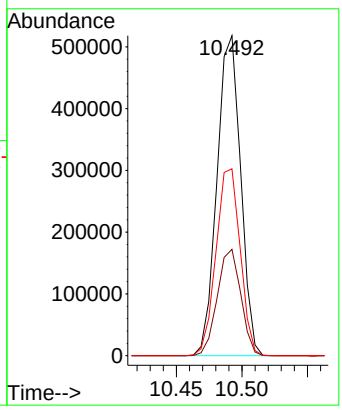




#61
4-Chlorophenyl-phenylether
Concen: 55.466 ng
RT: 10.492 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:204 Resp: 64892

Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.6	38.4
141	58.4	48.9	73.3



Instrument :
BNA_F
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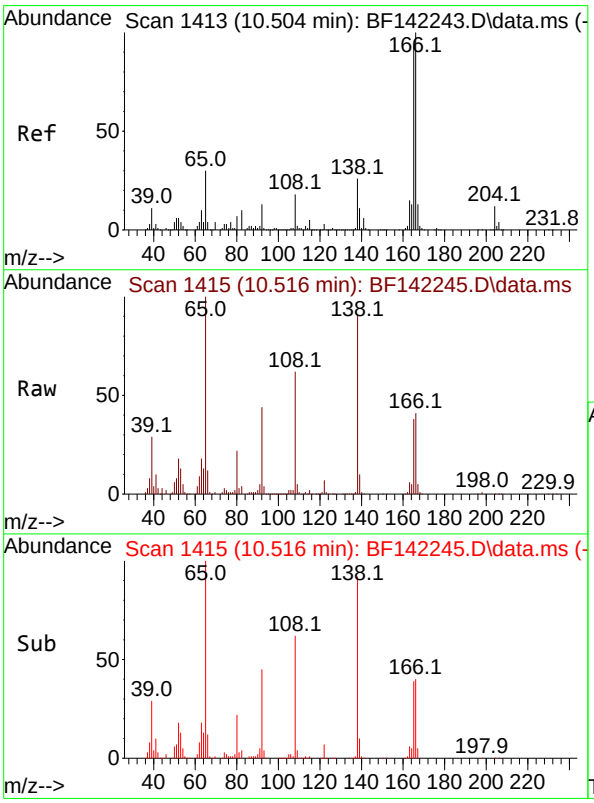
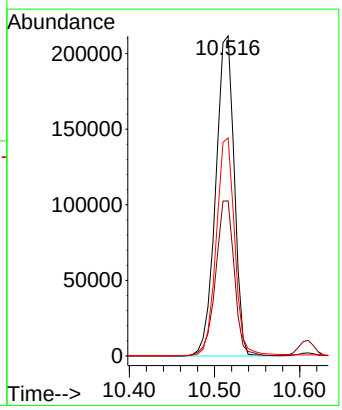
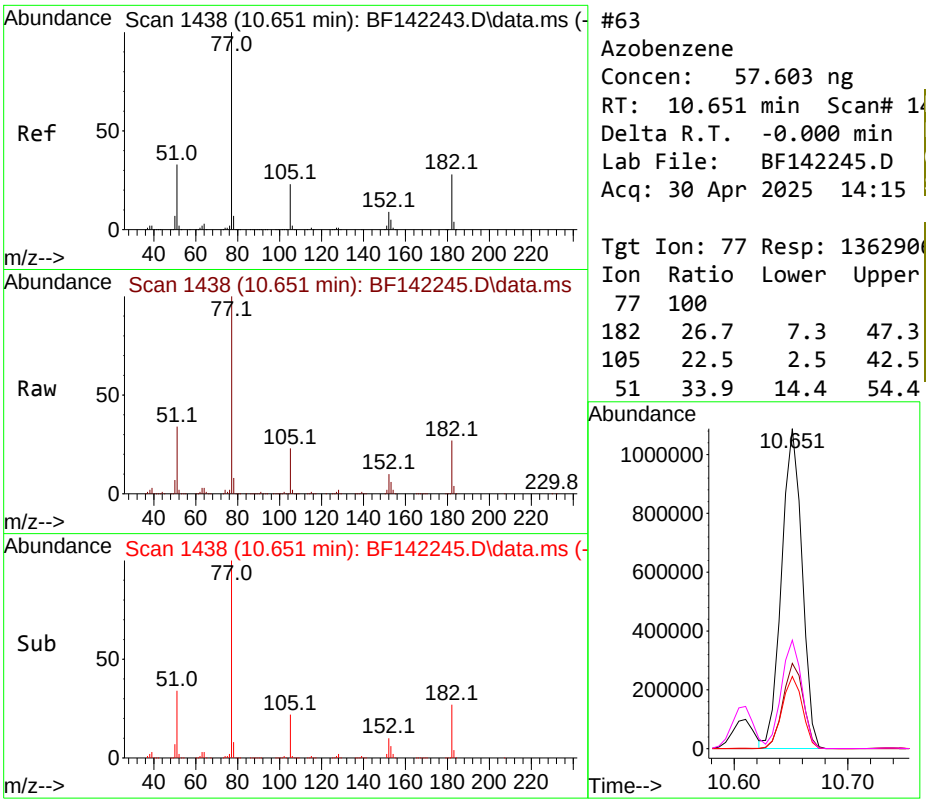


#62
4-Nitroaniline
Concen: 61.243 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.012 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:138 Resp: 319292

Ion	Ratio	Lower	Upper
138	100		
92	48.4	29.2	69.2
108	68.2	49.1	89.1





#63
Azobenzene
Concen: 57.603 ng
RT: 10.651 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion: 77 Resp: 136290

Ion	Ratio	Lower	Upper
77	100		
182	26.7	7.3	47.3
105	22.5	2.5	42.5
51	33.9	14.4	54.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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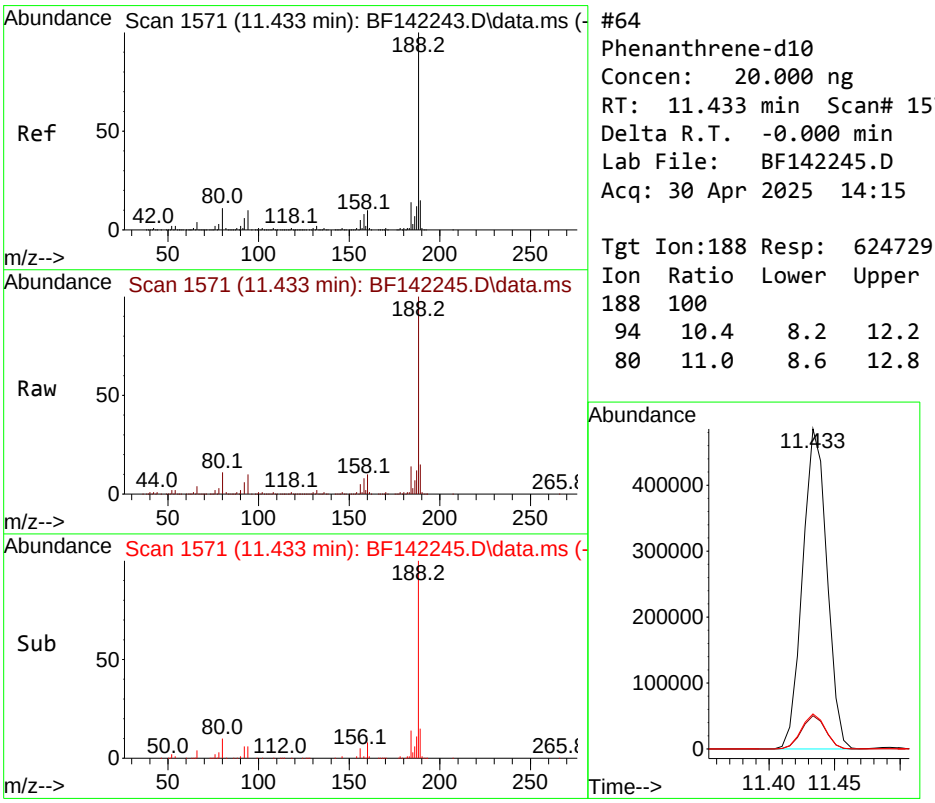
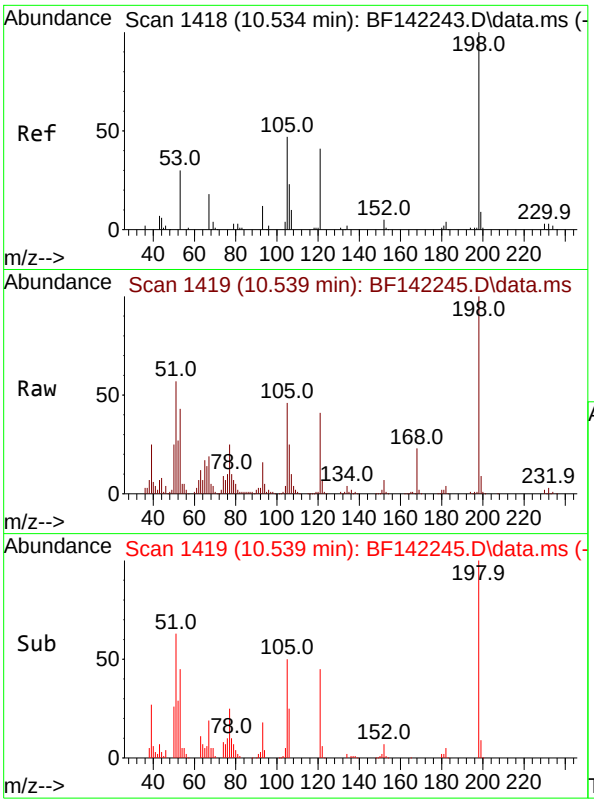


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:188 Resp: 624729

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.2
80	11.0	8.6	12.8



#65
4,6-Dinitro-2-methylphenol
Concen: 60.646 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.005 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:198 Resp: 13218

Ion	Ratio	Lower	Upper
198	100		
51	57.5	40.6	80.6
105	45.8	29.2	69.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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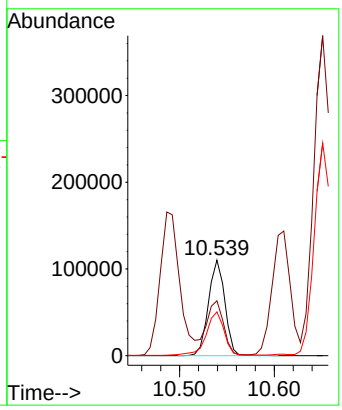
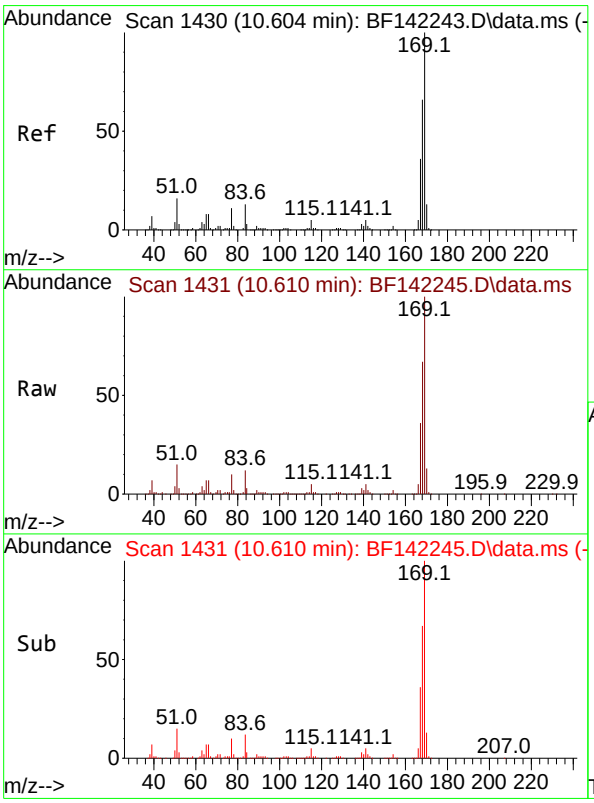
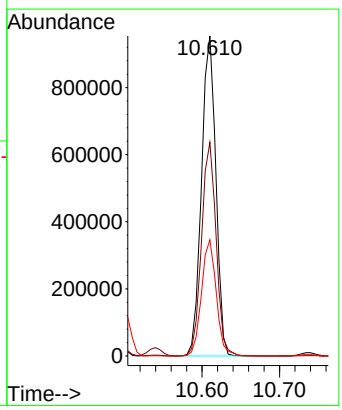


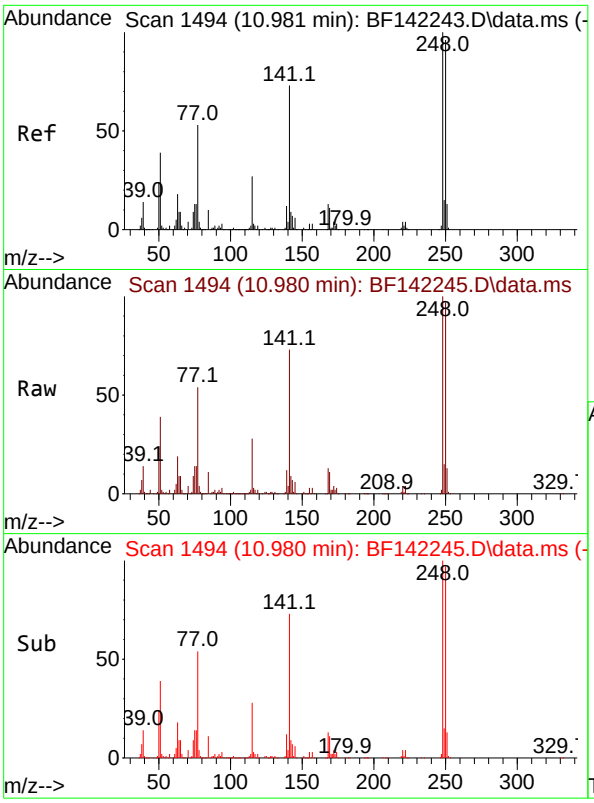


#66
n-Nitrosodiphenylamine
Concen: 57.351 ng
RT: 10.610 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:169 Resp: 1224189

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.0	79.6
167	36.3	28.8	43.2





#67
4-Bromophenyl-phenylether
Concen: 59.371 ng
RT: 10.980 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:248 Resp: 41306

Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.2	115.8
141	73.0	58.4	87.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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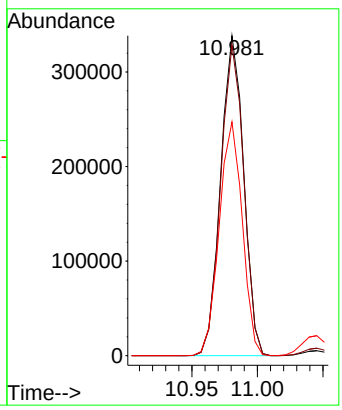
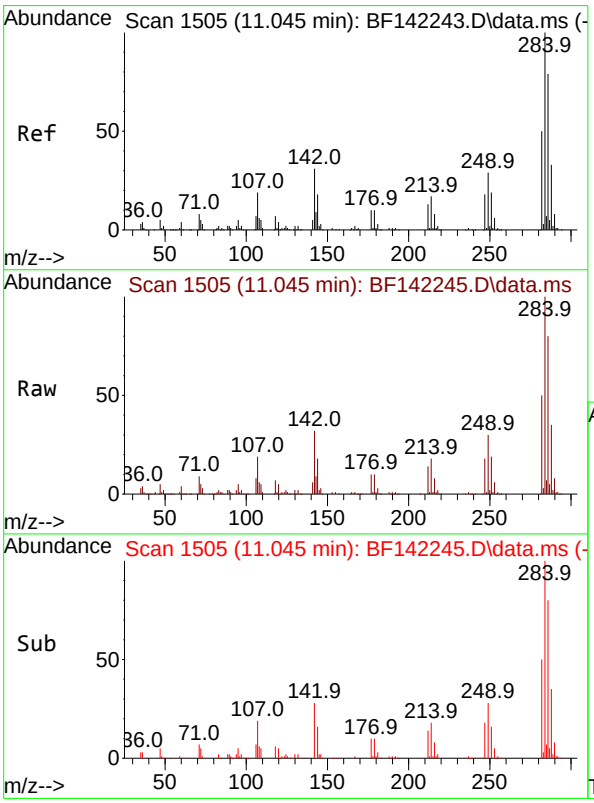
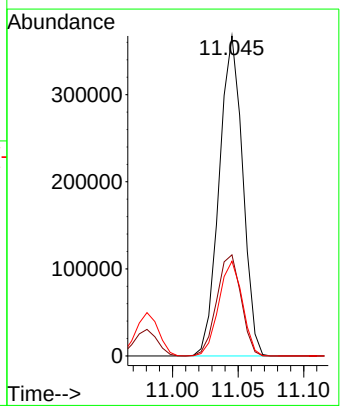


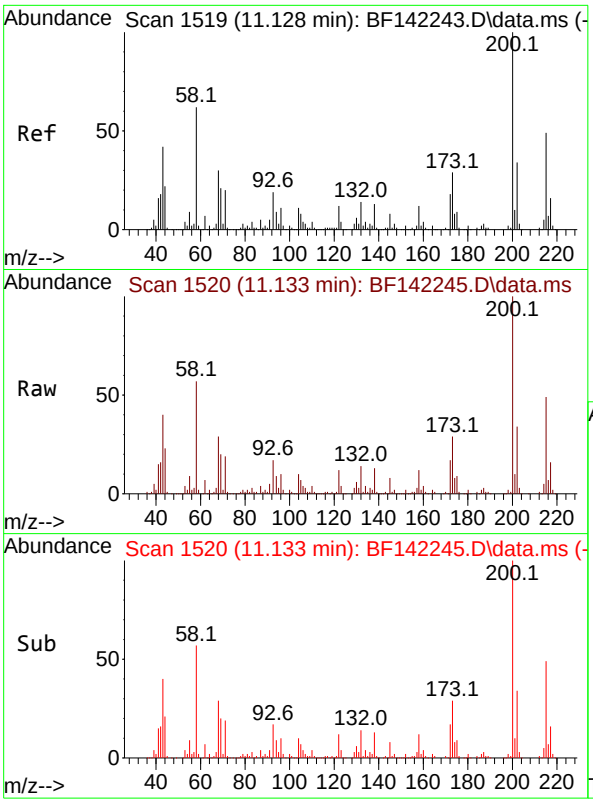


#68
Hexachlorobenzene
Concen: 58.689 ng
RT: 11.045 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:284 Resp: 457317

Ion	Ratio	Lower	Upper
284	100		
142	31.6	24.6	37.0
249	29.6	23.2	34.8

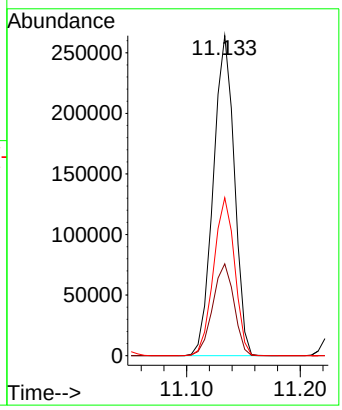




#69
Atrazine
Concen: 60.513 ng
RT: 11.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:200 Resp: 34047

Ion	Ratio	Lower	Upper
200	100		
173	28.7	8.6	48.6
215	49.3	28.5	68.5



Instrument :
BNA_F
ClientSampleId :
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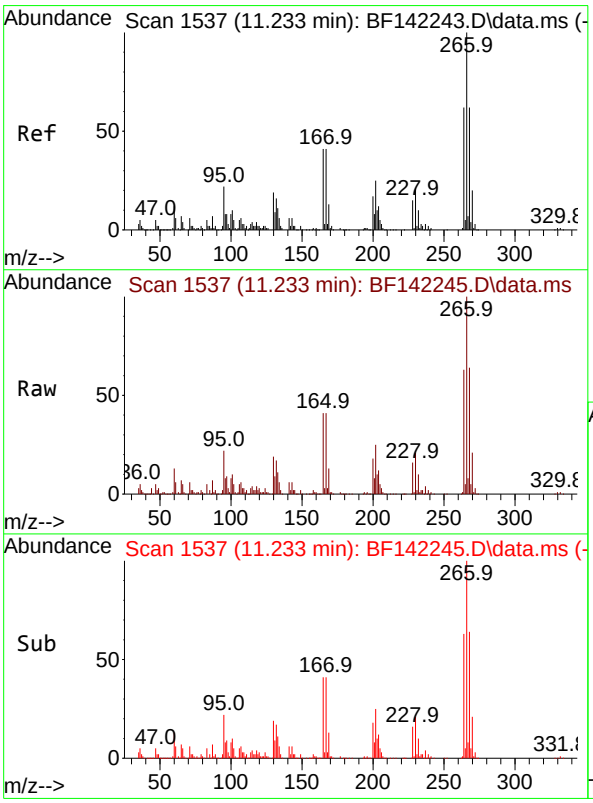
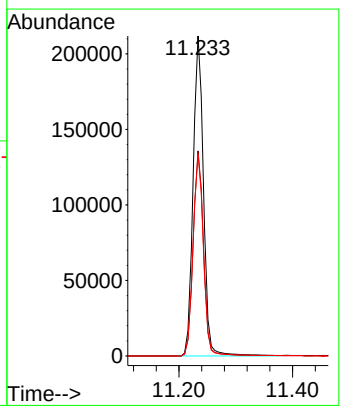
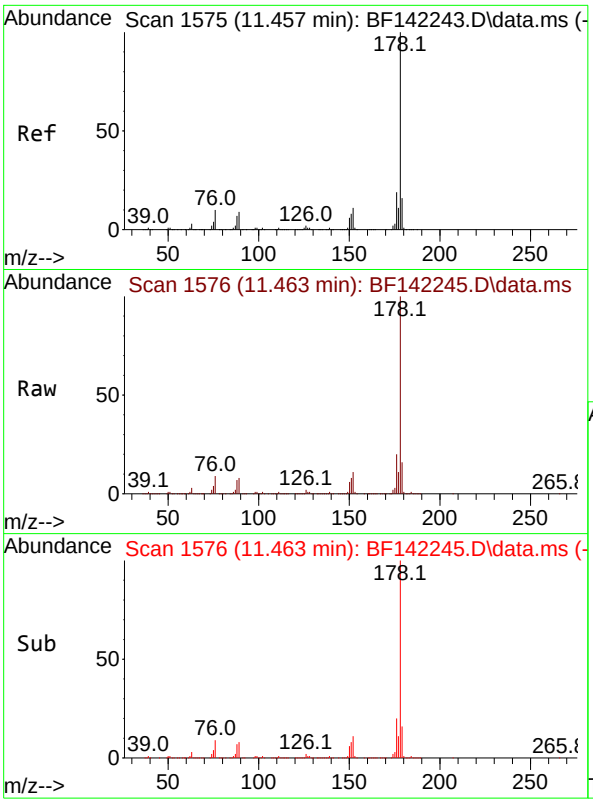


#70
Pentachlorophenol
Concen: 65.710 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:266 Resp: 270497

Ion	Ratio	Lower	Upper
266	100		
268	64.1	50.0	75.0
264	63.1	49.3	73.9

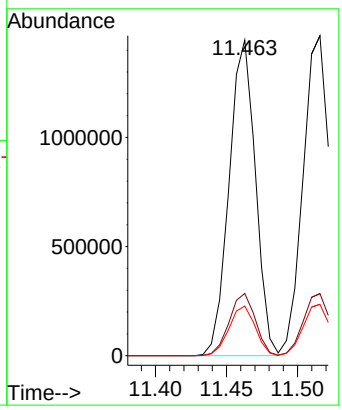




#71
Phenanthrene
Concen: 55.249 ng
RT: 11.463 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:178 Resp: 186441

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.7	12.6	19.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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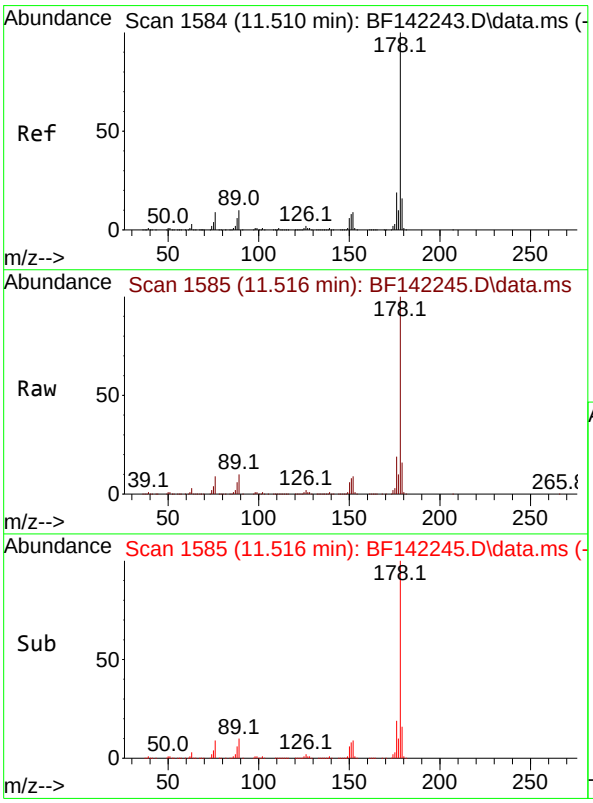
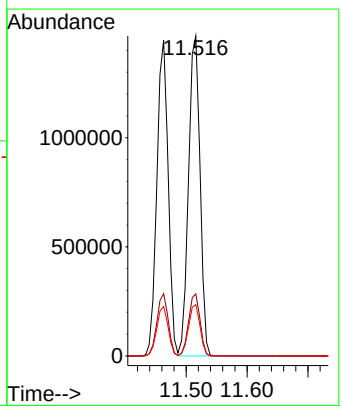
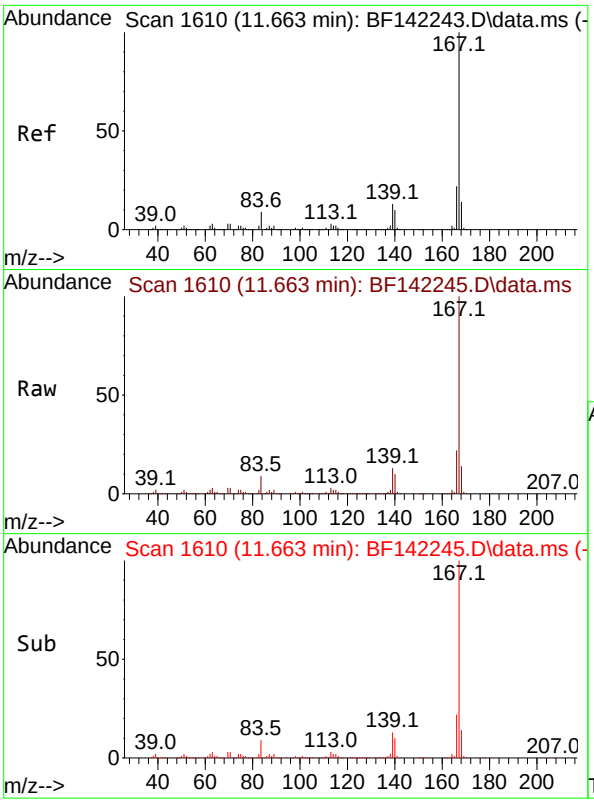


#72
Anthracene
Concen: 55.673 ng
RT: 11.516 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:178 Resp: 1920817

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	16.0	12.7	19.1

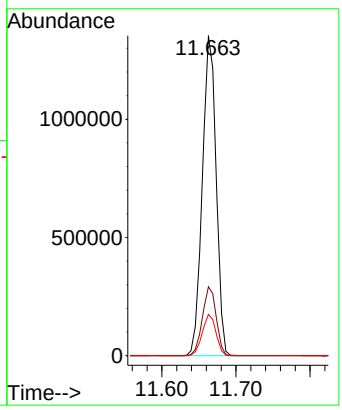




#73
Carbazole
Concen: 55.651 ng
RT: 11.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:167 Resp: 175153

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.3	25.9
139	12.9	10.3	15.5



Instrument :
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ClientSampleId :
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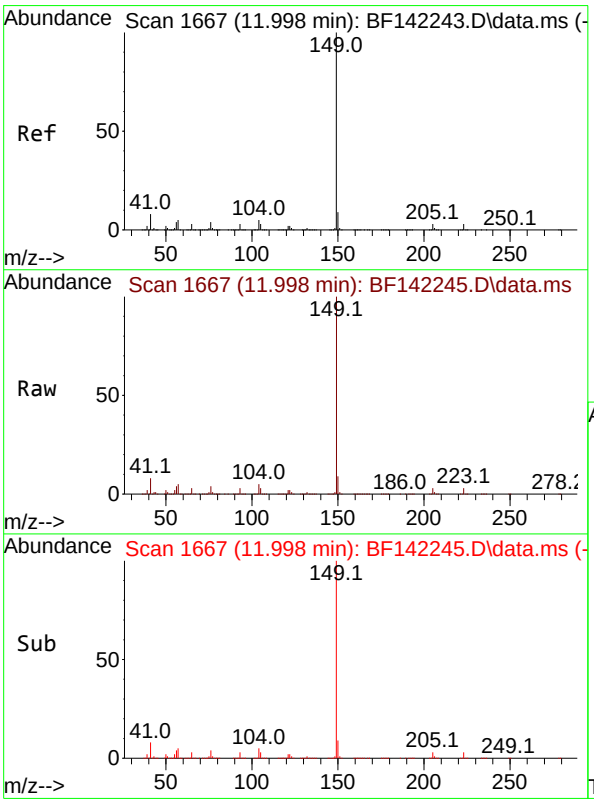
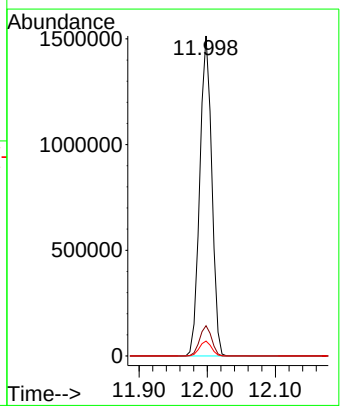
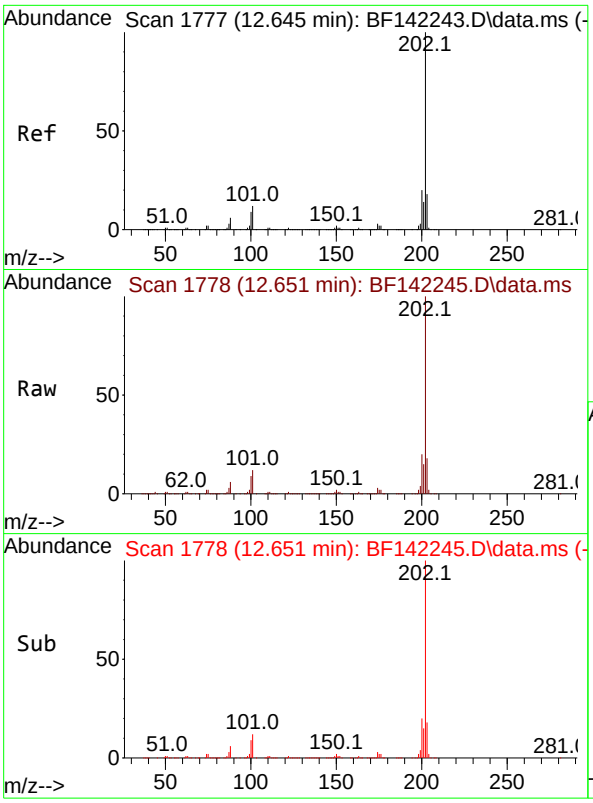


#74
Di-n-butylphthalate
Concen: 58.511 ng
RT: 11.998 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:149 Resp: 1852105

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	4.6	3.6	5.4

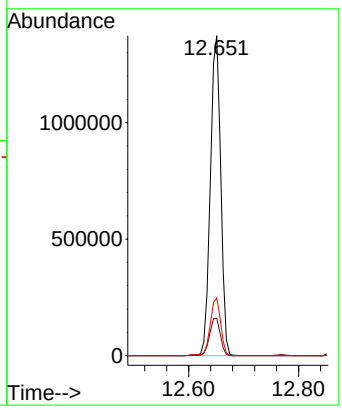




#75
Fluoranthene
Concen: 53.793 ng
RT: 12.651 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:202 Resp: 179442

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.4
203	18.0	0.0	37.5



Instrument :
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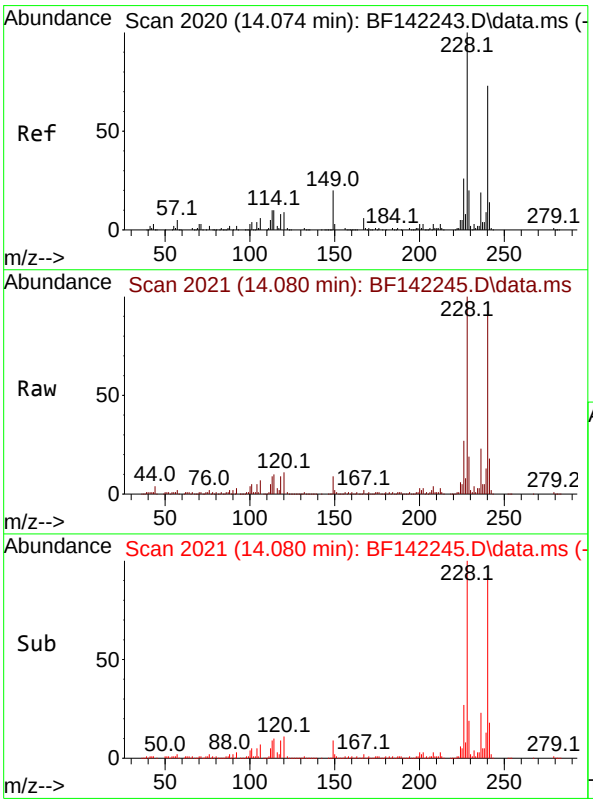
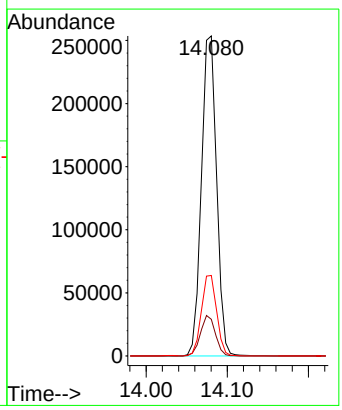
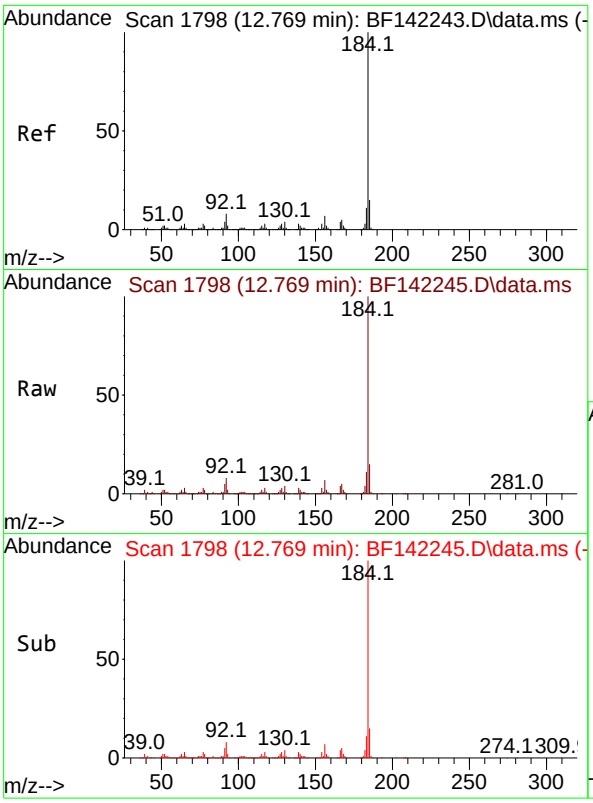


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:240 Resp: 328990

Ion	Ratio	Lower	Upper
240	100		
120	11.4	10.1	15.1
236	25.2	20.5	30.7

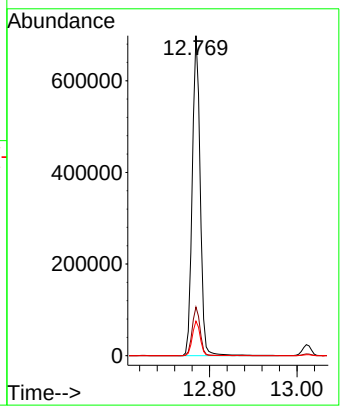




#77
Benzidine
Concen: 63.206 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:184 Resp: 88356

Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.8	17.6
183	10.8	8.9	13.3



Instrument :
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ClientSampleId :
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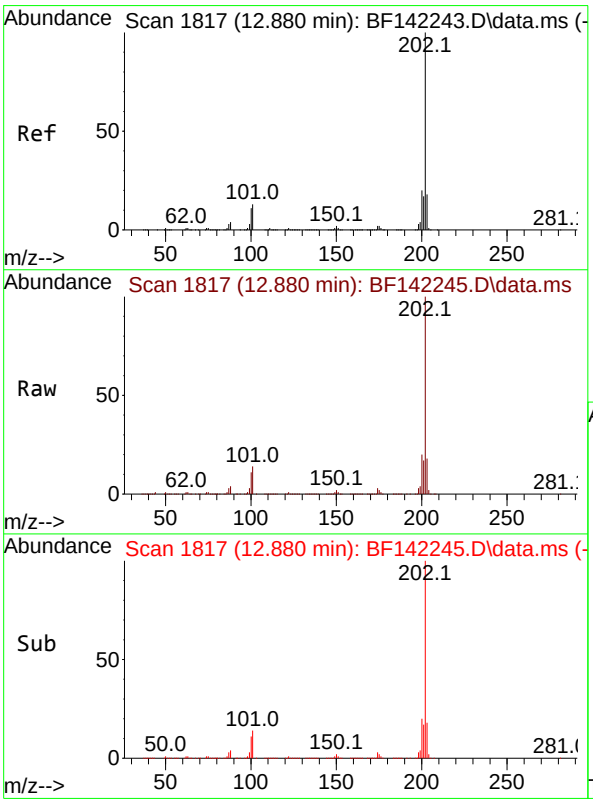
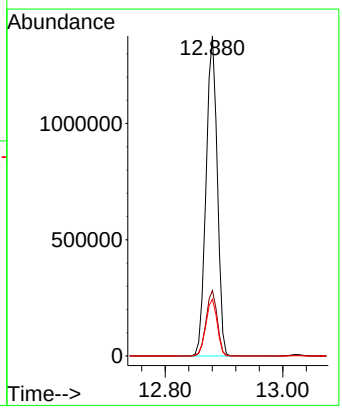
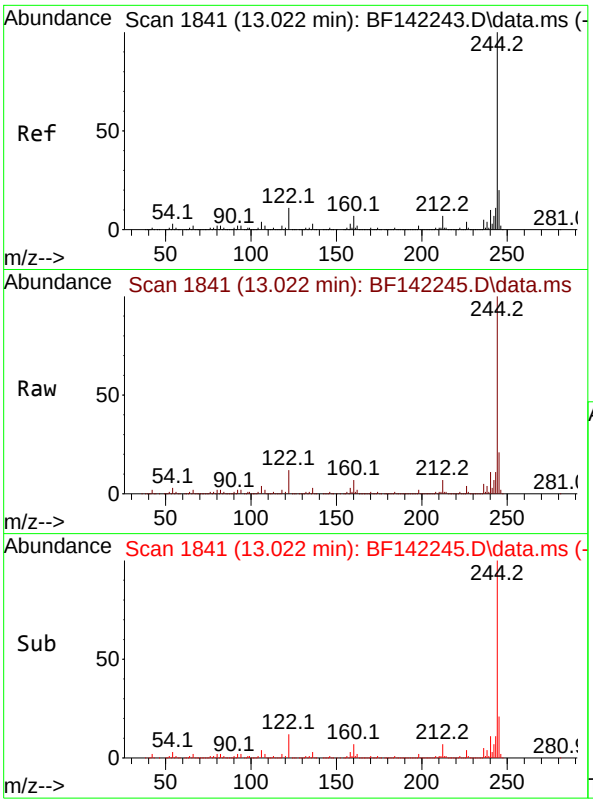


#78
Pyrene
Concen: 59.627 ng
RT: 12.880 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:202 Resp: 1809576

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.1	24.1
203	17.8	14.1	21.1

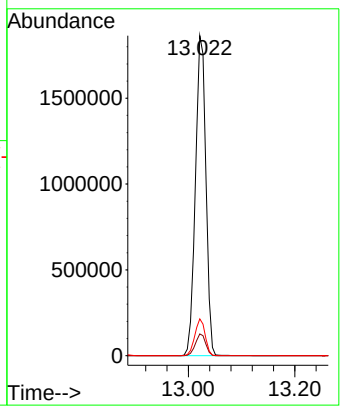




#79
Terphenyl-d14
Concen: 112.585 ng
RT: 13.022 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:244 Resp: 254669

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.3	7.9
122	11.5	9.1	13.7



Instrument :
BNA_F
ClientSampleId :
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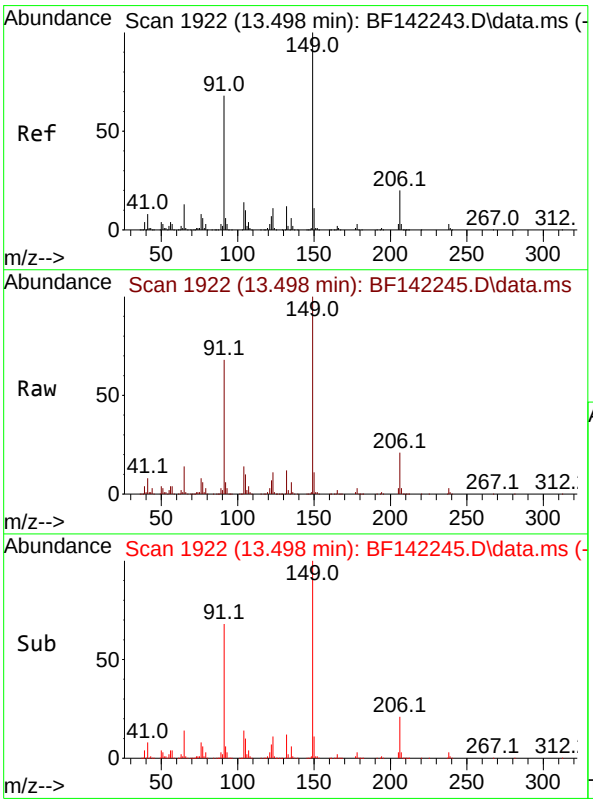
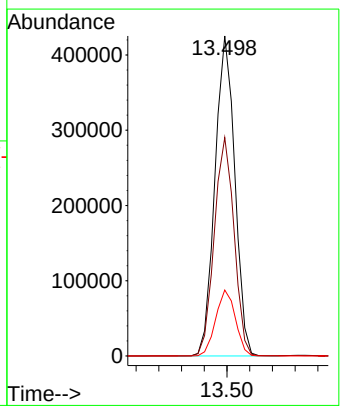
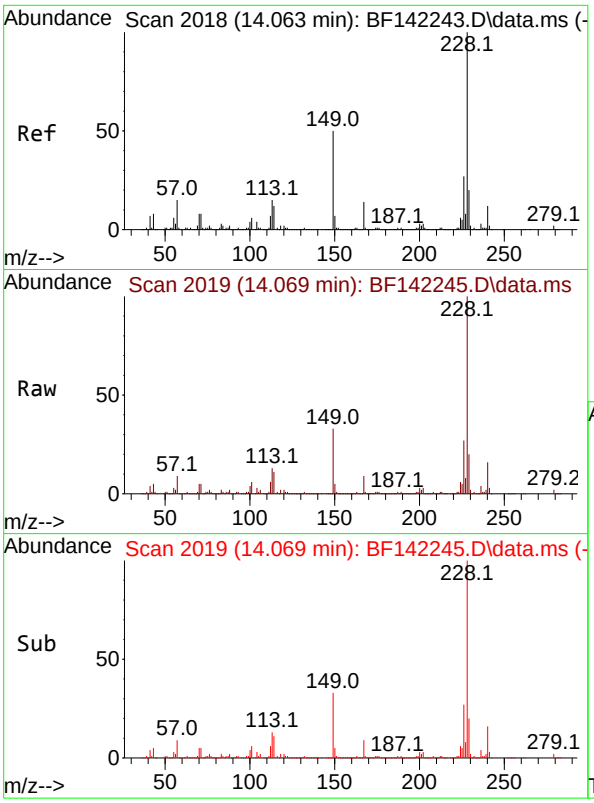


#80
Butylbenzylphthalate
Concen: 61.167 ng
RT: 13.498 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:149 Resp: 516723

Ion	Ratio	Lower	Upper
149	100		
91	68.3	54.4	81.6
206	20.6	15.9	23.9

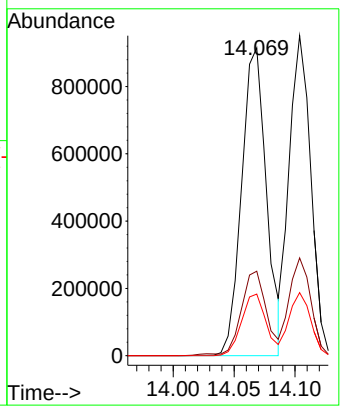




#81
Benzo(a)anthracene
Concen: 58.829 ng
RT: 14.069 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:228 Resp: 129927

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.9	32.9
229	20.0	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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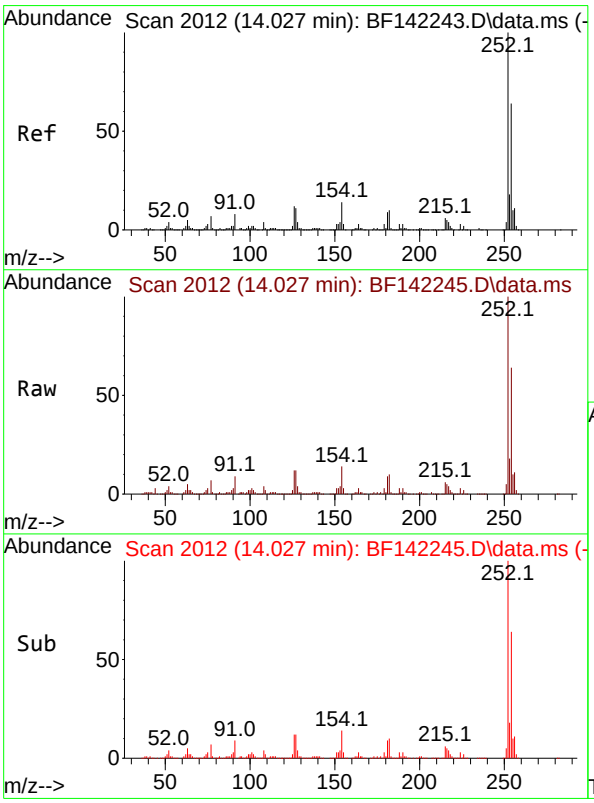
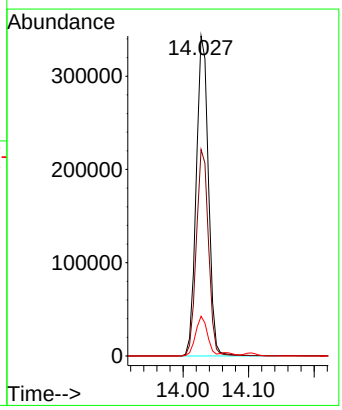
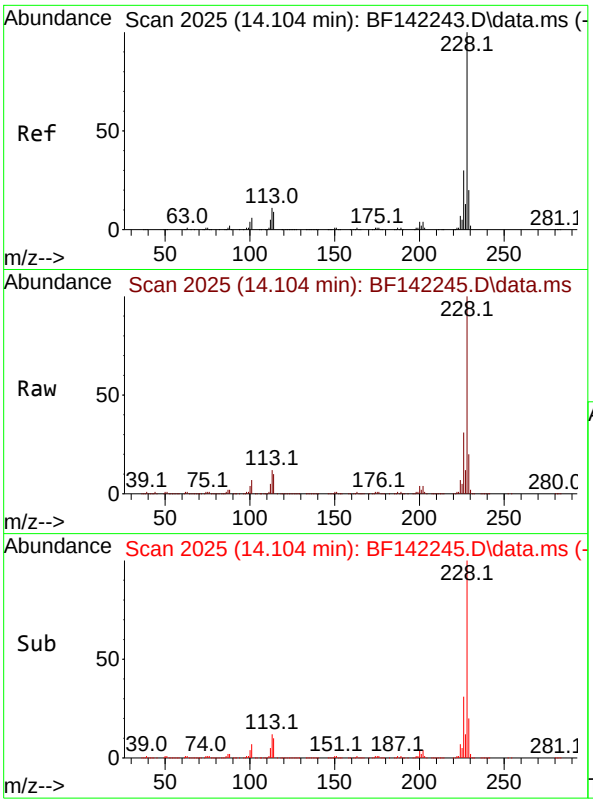


#82
3,3'-Dichlorobenzidine
Concen: 68.582 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:252 Resp: 444901

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.0	76.6
126	12.4	9.4	14.2

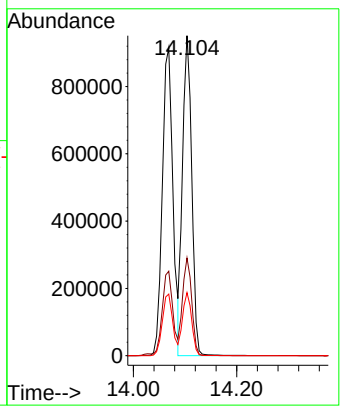




#83
Chrysene
Concen: 58.781 ng
RT: 14.104 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:228 Resp: 118172

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	19.7	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
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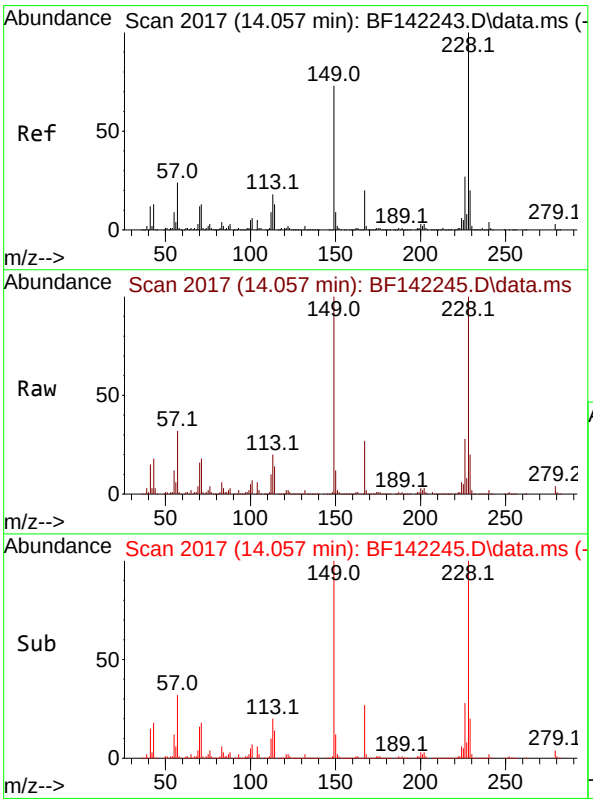
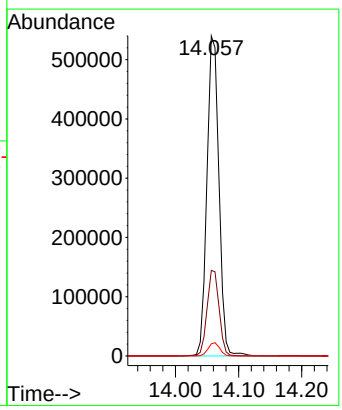
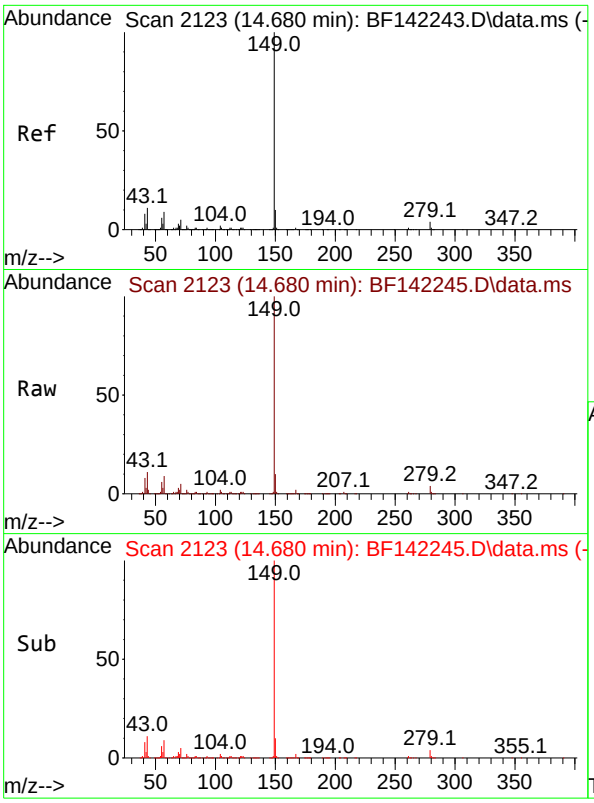


#84
Bis(2-ethylhexyl)phthalate
Concen: 61.002 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:149 Resp: 712716

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.7	32.5
279	3.8	3.0	4.4

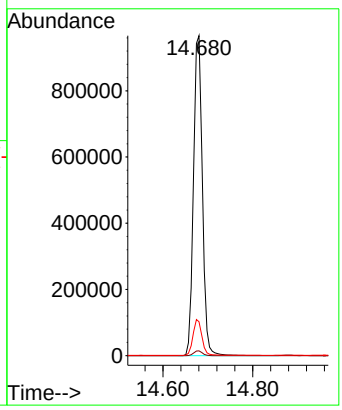




#85
Di-n-octyl phthalate
Concen: 61.204 ng
RT: 14.680 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:149 Resp: 132973

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.3	9.3	13.9



Instrument :
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ClientSampleId :
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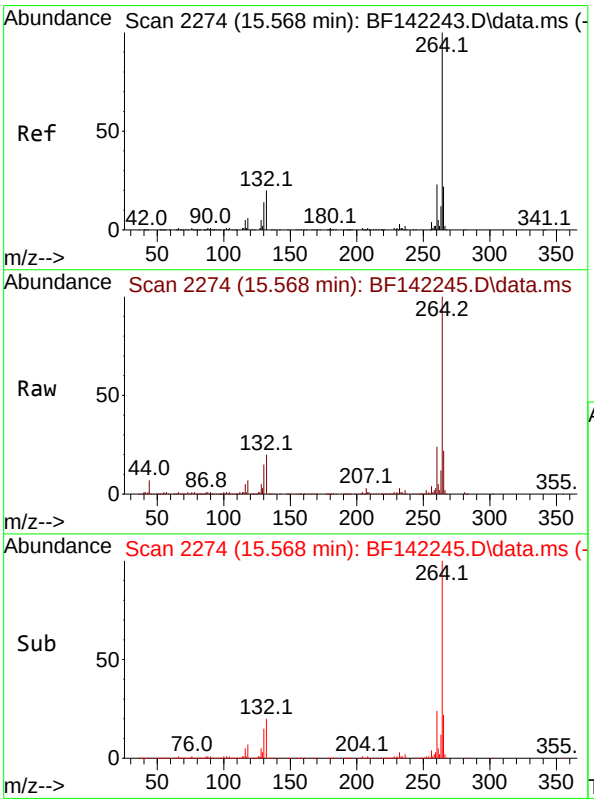
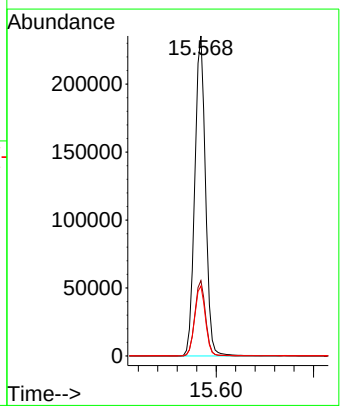
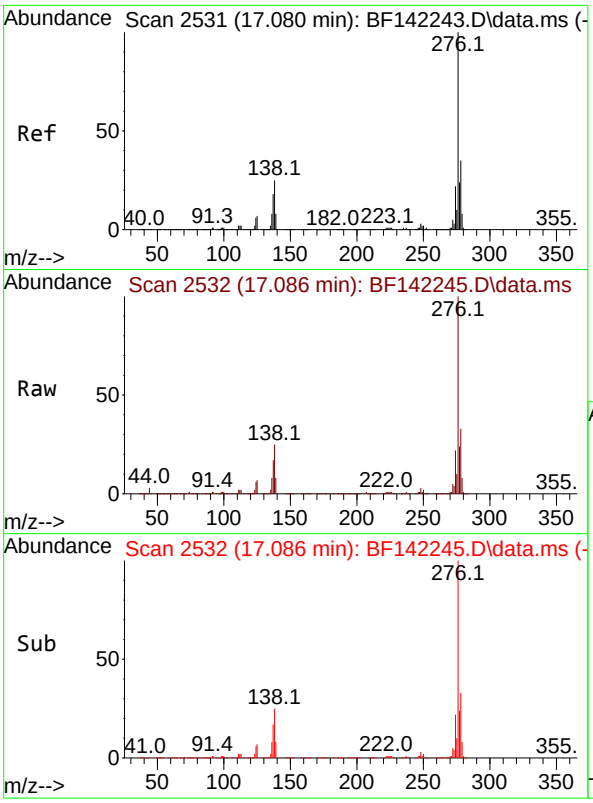


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:264 Resp: 361305

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	21.9	17.3	25.9

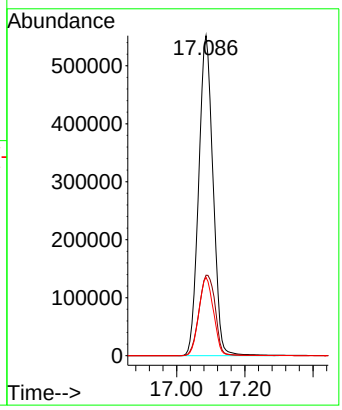




#87
Indeno(1,2,3-cd)pyrene
Concen: 61.012 ng
RT: 17.086 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:276 Resp: 161465

Ion	Ratio	Lower	Upper
276	100		
138	28.5	22.6	33.8
277	25.1	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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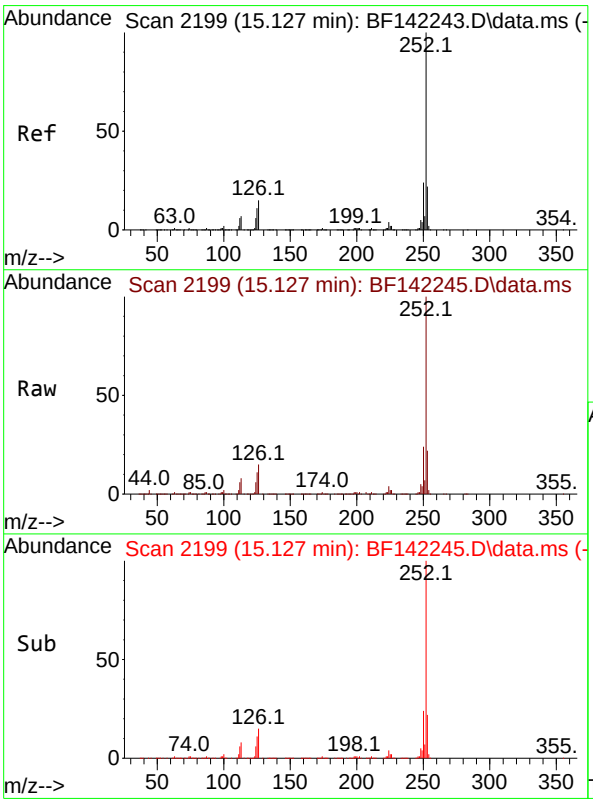
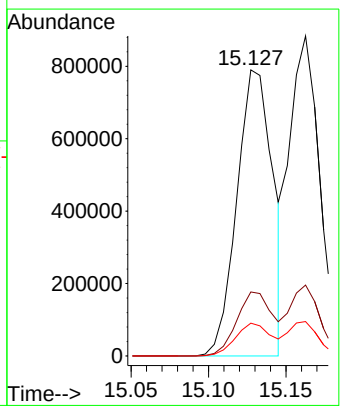
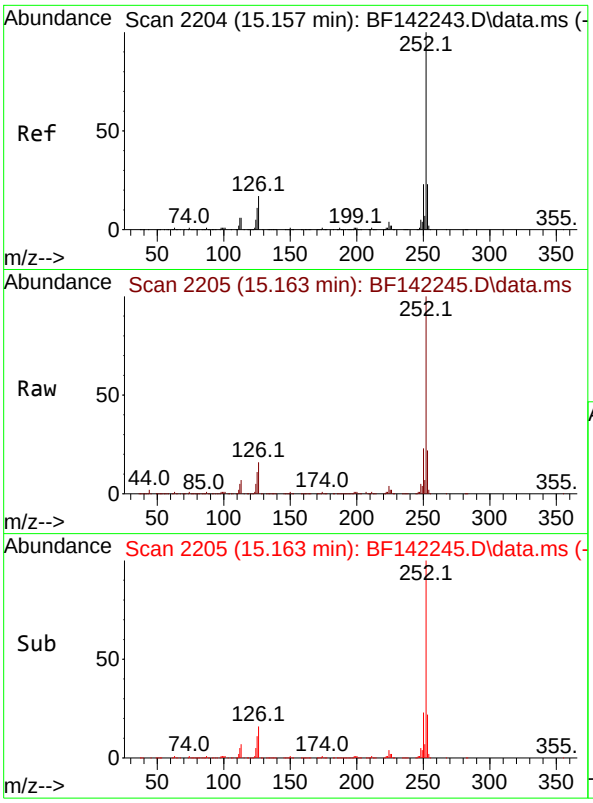


#88
Benzo(b)fluoranthene
Concen: 56.836 ng
RT: 15.127 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:252 Resp: 1275552

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	11.5	9.0	13.4

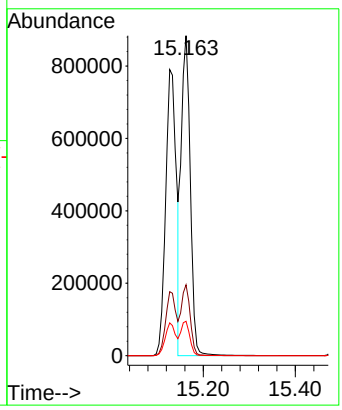




#89
Benzo(k)fluoranthene
Concen: 58.601 ng
RT: 15.163 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:252 Resp: 120295

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	10.8	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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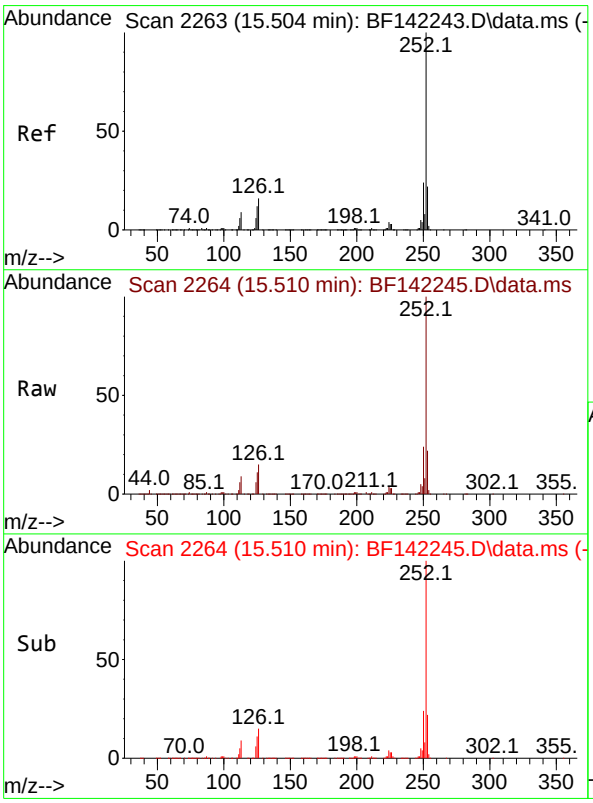
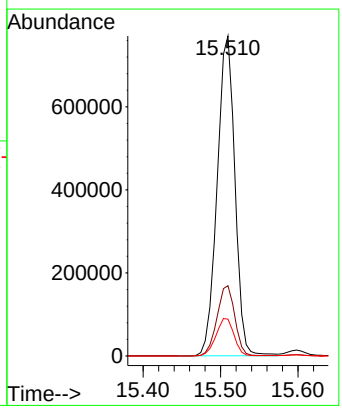
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

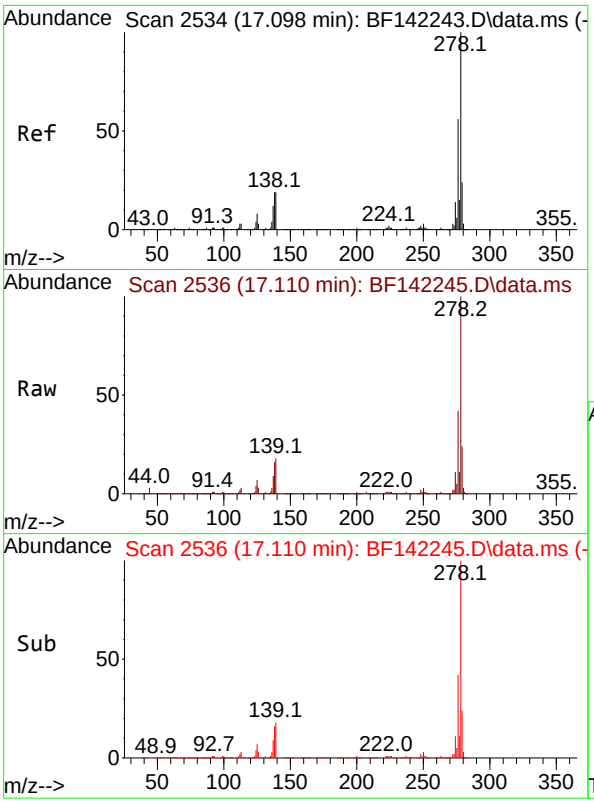


#90
Benzo(a)pyrene
Concen: 59.982 ng
RT: 15.510 min Scan# 2264
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:252 Resp: 1232454

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.5	9.5	14.3

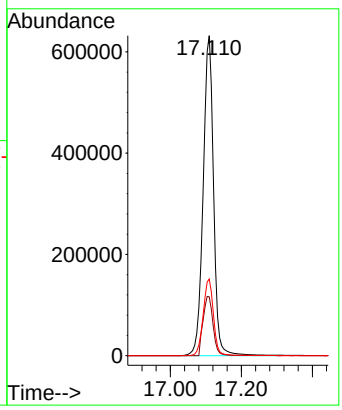




#91
Dibenzo(a,h)anthracene
Concen: 60.163 ng
RT: 17.110 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:278 Resp: 129221

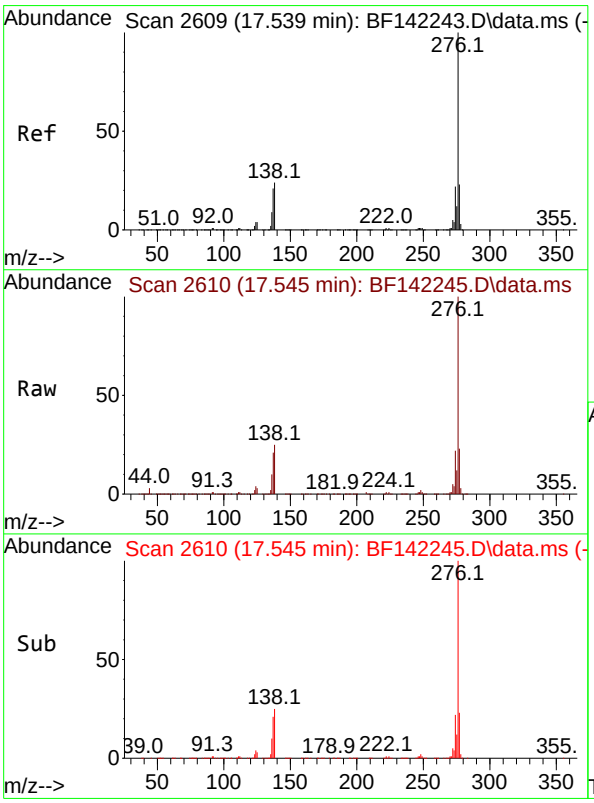
Ion	Ratio	Lower	Upper
278	100		
139	18.4	15.2	22.8
279	23.9	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

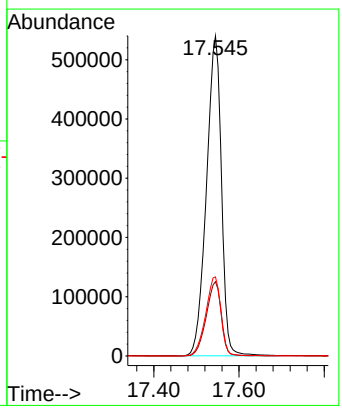
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#92
Benzo(g,h,i)perylene
Concen: 60.904 ng
RT: 17.545 min Scan# 2610
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:276 Resp: 1315066

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.7	28.1
138	24.7	19.4	29.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142246.D
Acq On : 30 Apr 2025 14:43
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 30 15:46:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.910	152	192490	20.000	ng		0.00
21) Naphthalene-d8	8.192	136	730774	20.000	ng		0.00
39) Acenaphthene-d10	9.951	164	381378	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	608907	20.000	ng		0.00
76) Chrysene-d12	14.080	240	323925	20.000	ng		0.00
86) Perylene-d12	15.568	264	374102	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1741015	144.449	ng		0.00
7) Phenol-d6	6.534	99	2109624	144.946	ng		0.00
23) Nitrobenzene-d5	7.481	82	1929643	173.477	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	579431	166.657	ng		0.00
45) 2-Fluorobiphenyl	9.275	172	3399868	125.694	ng		0.00
79) Terphenyl-d14	13.027	244	2993632	134.413	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	408111	75.816	ng		99
3) Pyridine	3.469	79	1062667	75.959	ng		99
4) n-Nitrosodimethylamine	3.434	42	562539	77.702	ng		98
6) Aniline	6.575	93	1525082	74.030	ng		99
8) 2-Chlorophenol	6.692	128	942996	75.716	ng		99
9) Benzaldehyde	6.463	77	673391	66.197	ng		99
10) Phenol	6.551	94	1130209m	72.134	ng		
11) bis(2-Chloroethyl)ether	6.651	93	871905	71.808	ng		99
12) 1,3-Dichlorobenzene	6.851	146	1000058	70.979	ng		99
13) 1,4-Dichlorobenzene	6.928	146	997448	70.267	ng		99
14) 1,2-Dichlorobenzene	7.081	146	966587	71.326	ng		99
15) Benzyl Alcohol	7.051	79	787715	76.310	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.186	45	1573151	71.749	ng		99
17) 2-Methylphenol	7.157	107	757239	74.219	ng		100
18) Hexachloroethane	7.428	117	347325	74.757	ng		99
19) n-Nitroso-di-n-propyla...	7.334	70	650174	72.291	ng		99
20) 3+4-Methylphenols	7.316	107	897475	70.340	ng	#	87
22) Acetophenone	7.328	105	1180939	69.853	ng		97
24) Nitrobenzene	7.498	77	917286	84.046	ng		100
25) Isophorone	7.739	82	1758014	75.306	ng		99
26) 2-Nitrophenol	7.810	139	416387	79.254	ng		98
27) 2,4-Dimethylphenol	7.839	122	883922	75.098	ng		100
28) bis(2-Chloroethoxy)met...	7.945	93	1070383	72.702	ng		99
29) 2,4-Dichlorophenol	8.045	162	768570	78.103	ng		99
30) 1,2,4-Trichlorobenzene	8.133	180	797476	72.623	ng		100
31) Naphthalene	8.216	128	2508082	68.820	ng		99
32) Benzoic acid	7.969	122	523215m	83.328	ng		
33) 4-Chloroaniline	8.263	127	1084543	71.465	ng		99
34) Hexachlorobutadiene	8.333	225	471301	73.564	ng		100
35) Caprolactam	8.645	113	242414	81.958	ng		97
36) 4-Chloro-3-methylphenol	8.739	107	776483	76.844	ng		99
37) 2-Methylnaphthalene	8.910	142	1559858	69.615	ng		99
38) 1-Methylnaphthalene	9.010	142	1583955	68.237	ng		99
40) 1,2,4,5-Tetrachloroben...	9.075	216	757210	70.548	ng		100
41) Hexachlorocyclopentadiene	9.063	237	523186	85.886	ng		99
43) 2,4,6-Trichlorophenol	9.180	196	545358	81.996	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142246.D
Acq On : 30 Apr 2025 14:43
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 30 15:46:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.216	196	557542	79.732	ng		99
46)	1,1'-Biphenyl	9.375	154	2006955	67.691	ng		99
47)	2-Chloronaphthalene	9.398	162	1547207	70.140	ng		99
48)	2-Nitroaniline	9.486	65	481954	79.390	ng		97
49)	Acenaphthylene	9.816	152	2555385	68.650	ng		99
50)	Dimethylphthalate	9.675	163	1757977	72.052	ng		99
51)	2,6-Dinitrotoluene	9.733	165	379127	78.246	ng		97
52)	Acenaphthene	9.986	154	1517991	69.843	ng		99
53)	3-Nitroaniline	9.904	138	456571	78.061	ng		96
54)	2,4-Dinitrophenol	10.004	184	129817	79.532	ng	#	28
55)	Dibenzofuran	10.157	168	2237085	68.664	ng		98
56)	4-Nitrophenol	10.045	139	335015	87.357	ng		97
57)	2,4-Dinitrotoluene	10.133	165	467545	78.915	ng		99
58)	Fluorene	10.498	166	1634486	65.980	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.269	232	465050	80.286	ng		99
60)	Diethylphthalate	10.375	149	1717661	71.292	ng		99
61)	4-Chlorophenyl-phenyle...	10.492	204	802224	68.190	ng		98
62)	4-Nitroaniline	10.522	138	410928	77.614	ng		98
63)	Azobenzene	10.651	77	1674434	70.379	ng		99
65)	4,6-Dinitro-2-methylph...	10.545	198	183184	81.749	ng		96
66)	n-Nitrosodiphenylamine	10.610	169	1518420	72.983	ng		99
67)	4-Bromophenyl-phenylether	10.980	248	514462	75.866	ng		97
68)	Hexachlorobenzene	11.045	284	577203	75.999	ng		98
69)	Atrazine	11.133	200	423886	77.296	ng		99
70)	Pentachlorophenol	11.233	266	350009	87.235	ng		99
71)	Phenanthrene	11.463	178	2288481	69.578	ng		99
72)	Anthracene	11.516	178	2336551	69.482	ng		100
73)	Carbazole	11.663	167	2087769	68.058	ng		99
74)	Di-n-butylphthalate	11.998	149	2221417	72.002	ng		100
75)	Fluoranthene	12.651	202	2137636	65.747	ng		98
77)	Benzidine	12.768	184	1049467	76.247	ng		99
78)	Pyrene	12.880	202	2118847	70.910	ng		99
80)	Butylbenzylphthalate	13.498	149	659574	78.197	ng		98
81)	Benzo(a)anthracene	14.068	228	1586778	72.970	ng		100
82)	3,3'-Dichlorobenzidine	14.033	252	563738	88.259	ng		99
83)	Chrysene	14.104	228	1474094	74.470	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.057	149	915684	78.547	ng		100
85)	Di-n-octyl phthalate	14.680	149	1722215	78.594	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.092	276	2128475	77.677	ng		99
88)	Benzo(b)fluoranthene	15.133	252	1798083	77.378	ng		99
89)	Benzo(k)fluoranthene	15.162	252	1439304	67.716	ng		100
90)	Benzo(a)pyrene	15.509	252	1610193	75.685	ng		99
91)	Dibenzo(a,h)anthracene	17.115	278	1712182	76.989	ng		99
92)	Benzo(g,h,i)perylene	17.551	276	1738450	77.757	ng		99

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

ICAL Form

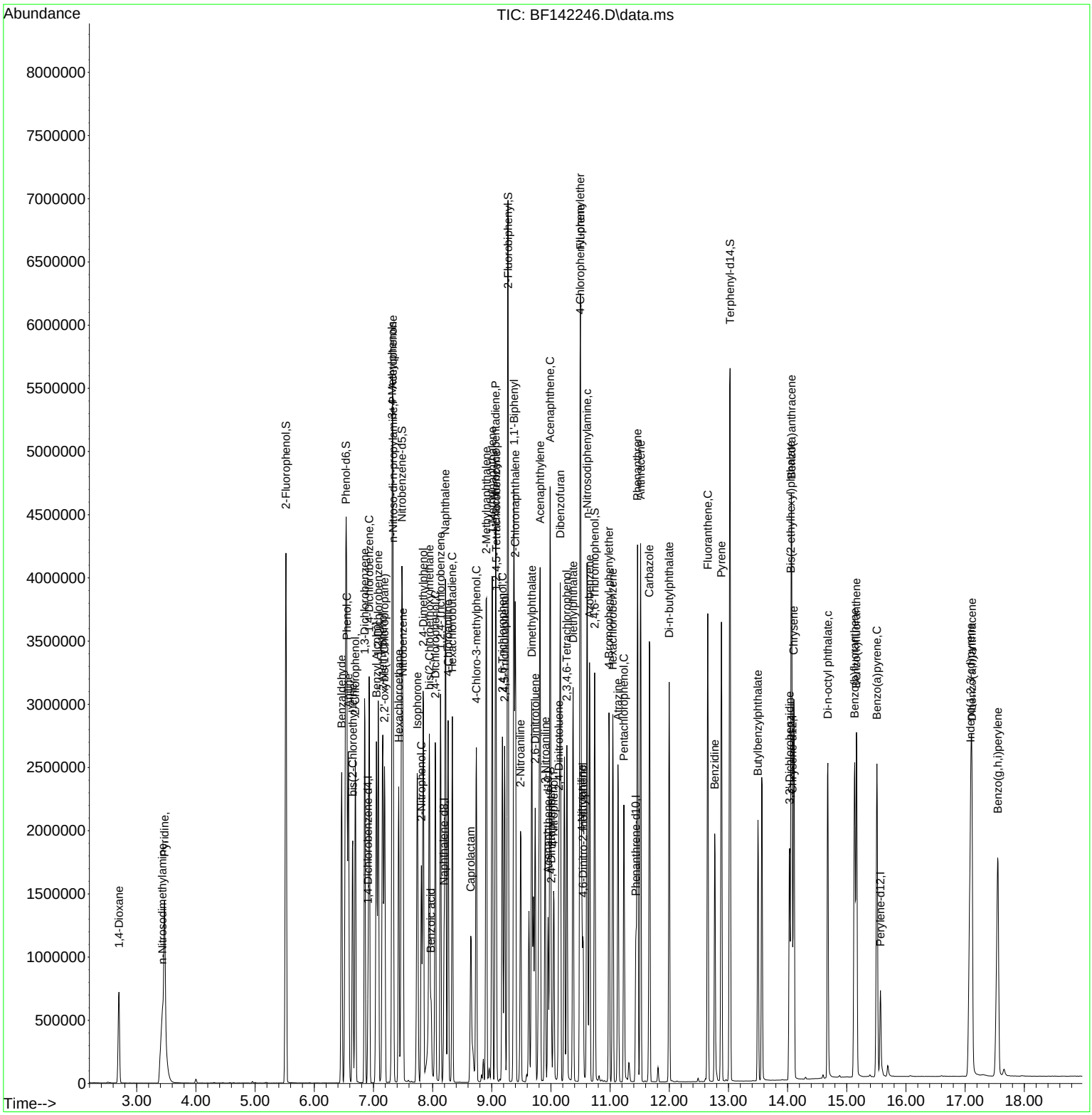
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142246.D
Acq On : 30 Apr 2025 14:43
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

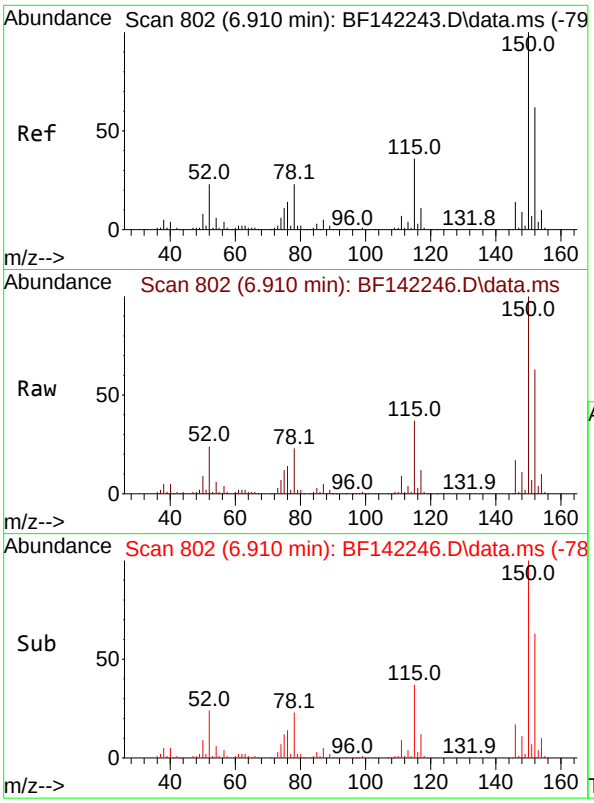
Quant Time: Apr 30 15:46:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

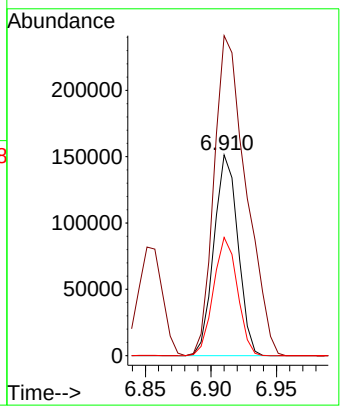




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:152 Resp: 19249

Ion	Ratio	Lower	Upper
152	100		
150	159.4	130.2	195.2
115	58.9	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/01/2025
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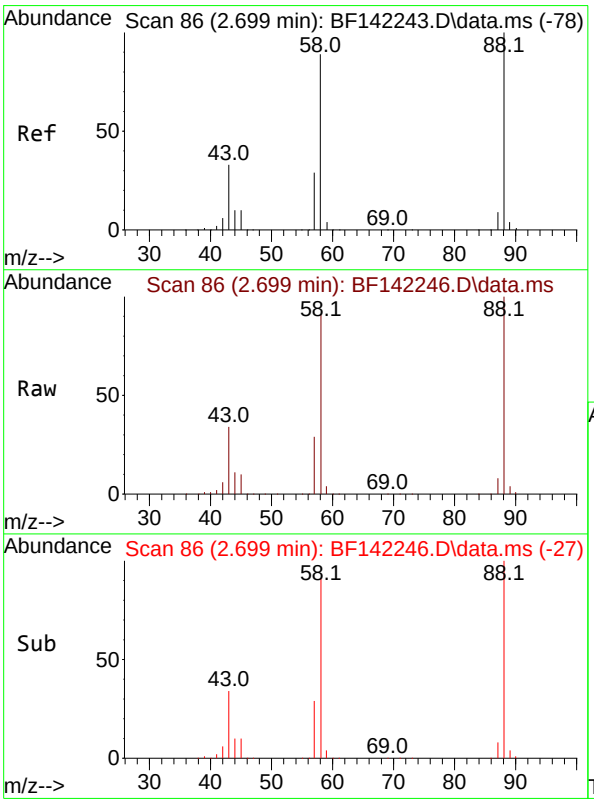
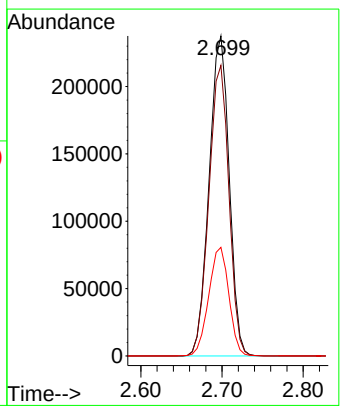
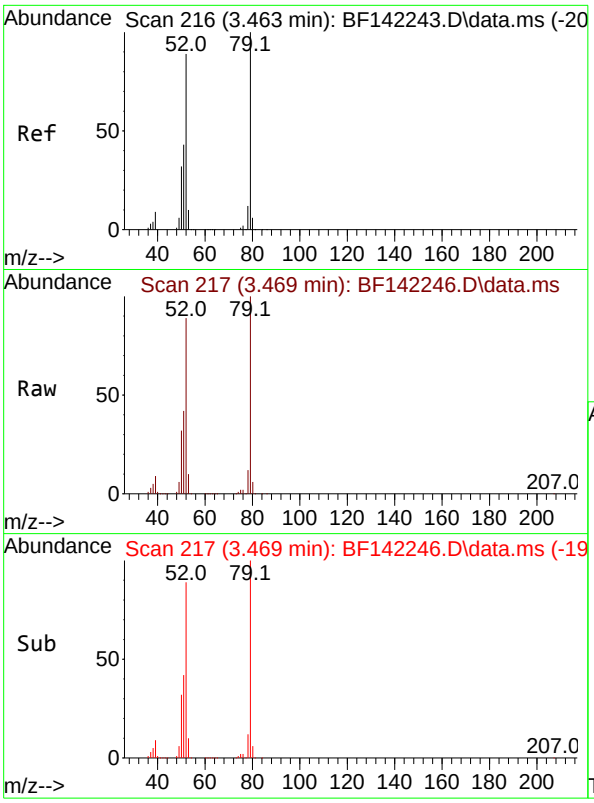


#2
1,4-Dioxane
Concen: 75.816 ng
RT: 2.699 min Scan# 86
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion: 88 Resp: 408111

Ion	Ratio	Lower	Upper
88	100		
58	90.8	72.2	108.2
43	34.2	27.0	40.6





#3
Pyridine
Concen: 75.959 ng
RT: 3.469 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion: 79 Resp: 106266

Ion	Ratio	Lower	Upper
79	100		
52	88.8	71.5	107.3
51	42.4	34.5	51.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
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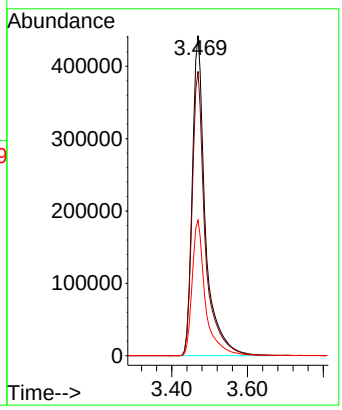
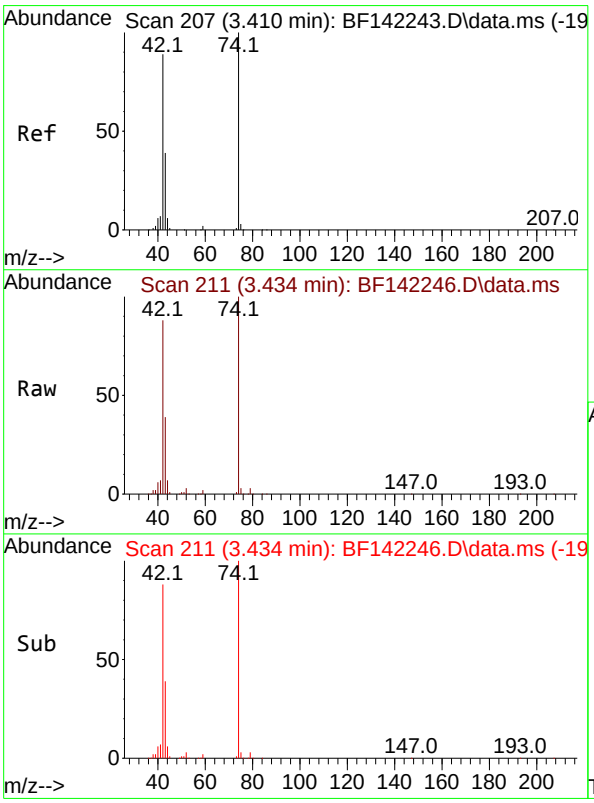
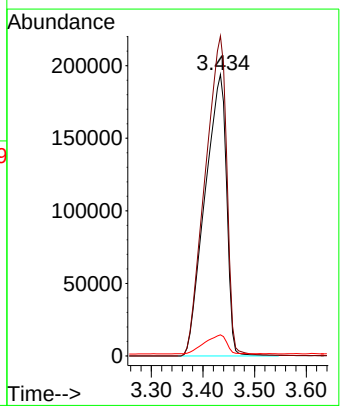


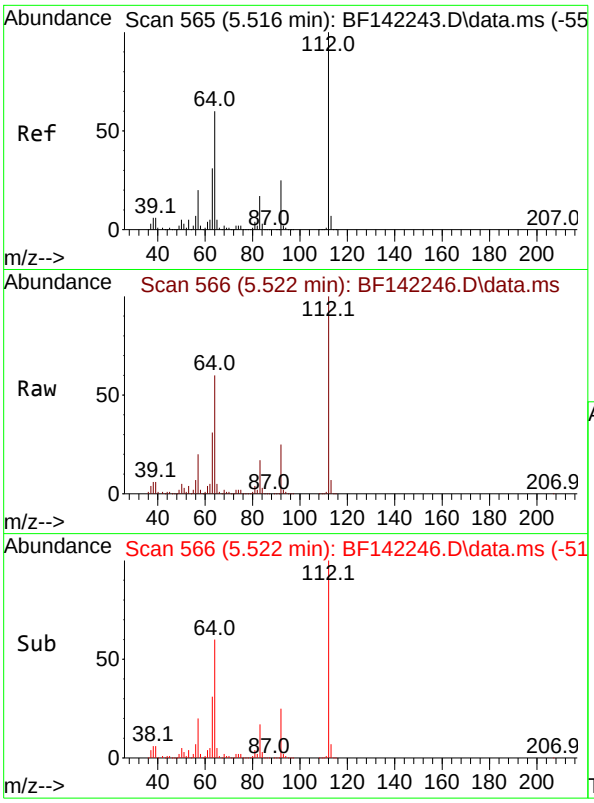


#4
n-Nitrosodimethylamine
Concen: 77.702 ng
RT: 3.434 min Scan# 211
Delta R.T. 0.023 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion: 42 Resp: 562539

Ion	Ratio	Lower	Upper
42	100		
74	113.7	89.5	134.3
44	7.5	6.6	9.8





#5
2-Fluorophenol
Concen: 144.449 ng
RT: 5.522 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

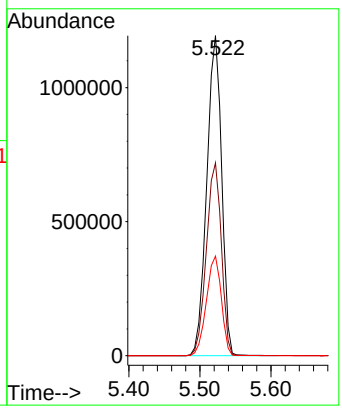
Tgt Ion:112 Resp: 174101

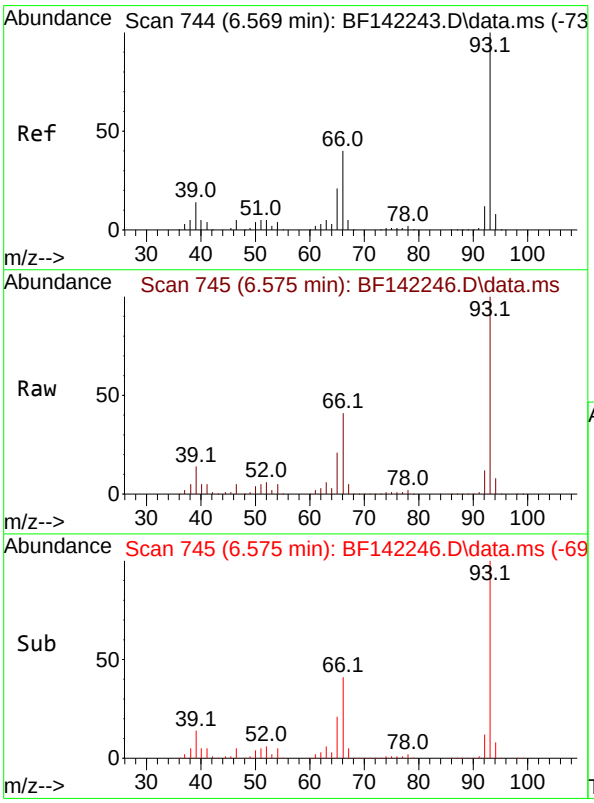
Ion	Ratio	Lower	Upper
112	100		
64	60.3	48.4	72.6
63	31.1	24.8	37.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

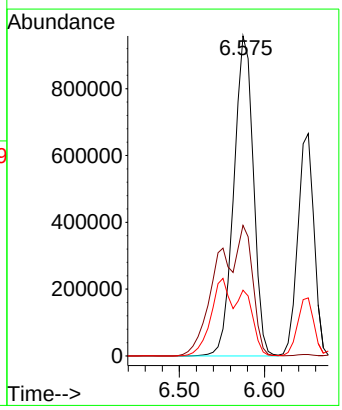


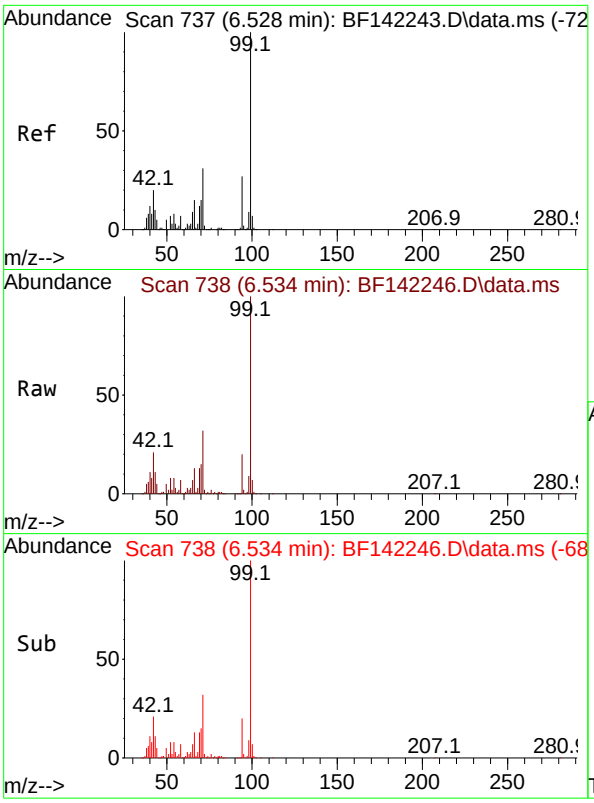


#6
Aniline
Concen: 74.030 ng
RT: 6.575 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion: 93 Resp: 1525082

Ion	Ratio	Lower	Upper
93	100		
66	40.8	32.1	48.1
65	20.5	16.6	24.8

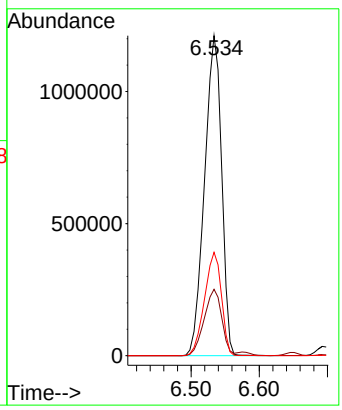




#7
Phenol-d6
Concen: 144.946 ng
RT: 6.534 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion: 99 Resp: 210962

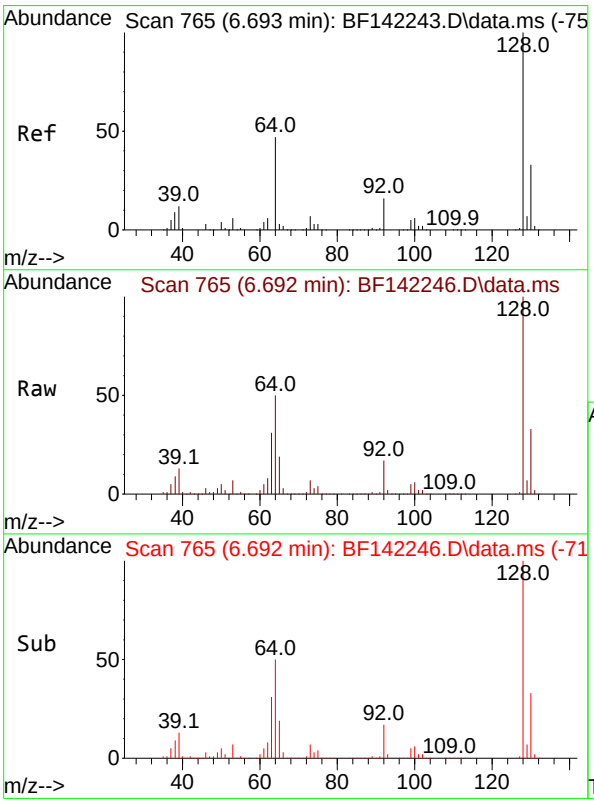
Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.3	24.5
71	32.3	25.0	37.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

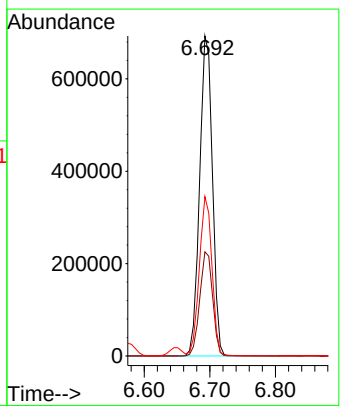
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

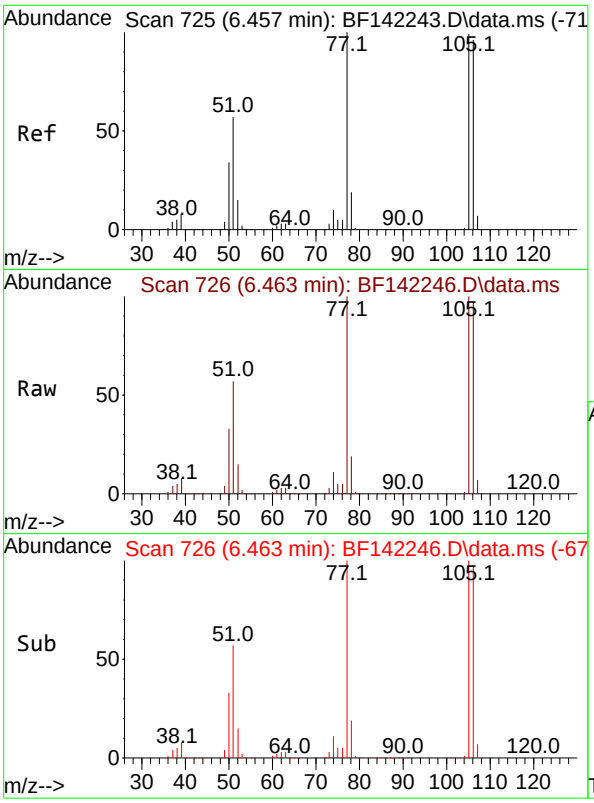


#8
2-Chlorophenol
Concen: 75.716 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:128 Resp: 942996

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.1	53.1
64	49.8	28.6	68.6

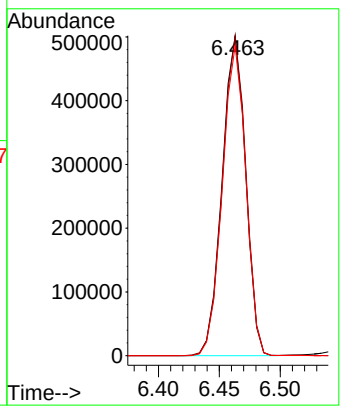




#9
Benzaldehyde
Concen: 66.197 ng
RT: 6.463 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion: 77 Resp: 67339

Ion	Ratio	Lower	Upper
77	100		
105	100.2	79.1	119.1
106	97.0	76.0	116.0



Instrument :
BNA_F
ClientSampleId :
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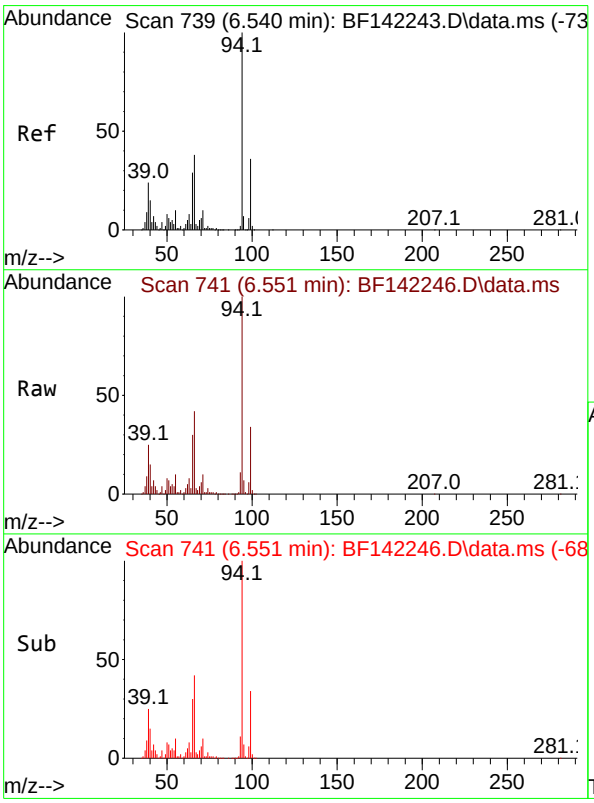
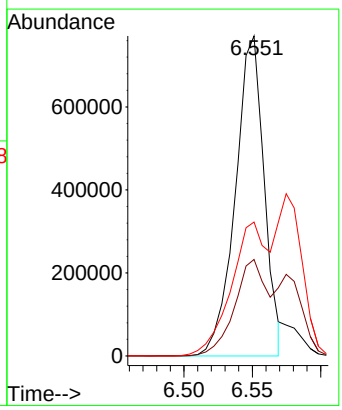
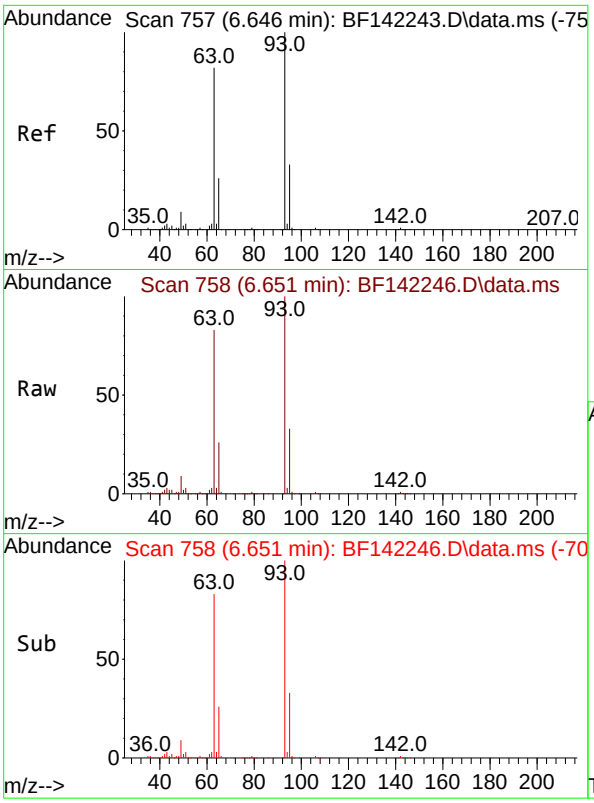


#10
Phenol
Concen: 72.134 ng m
RT: 6.551 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion: 94 Resp: 1130209

Ion	Ratio	Lower	Upper
94	100		
65	30.1	8.9	48.9
66	41.8	18.7	58.7

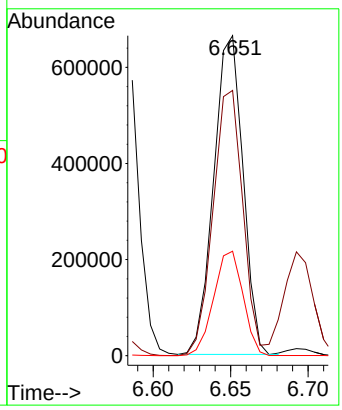




#11
bis(2-Chloroethyl)ether
Concen: 71.808 ng
RT: 6.651 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion: 93 Resp: 87190

Ion	Ratio	Lower	Upper
93	100		
63	82.9	62.2	102.2
95	32.7	12.7	52.7



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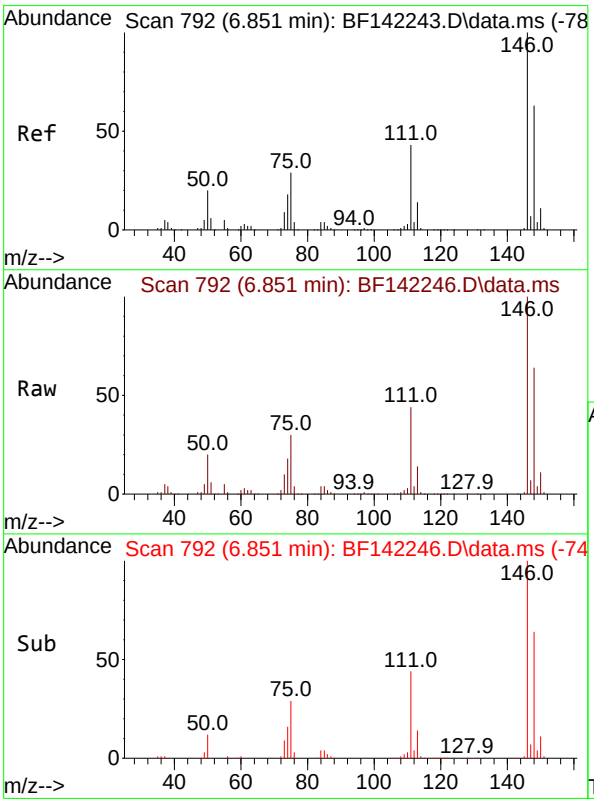
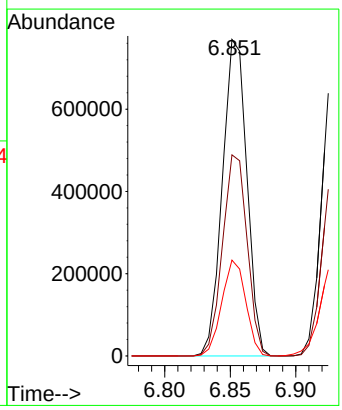
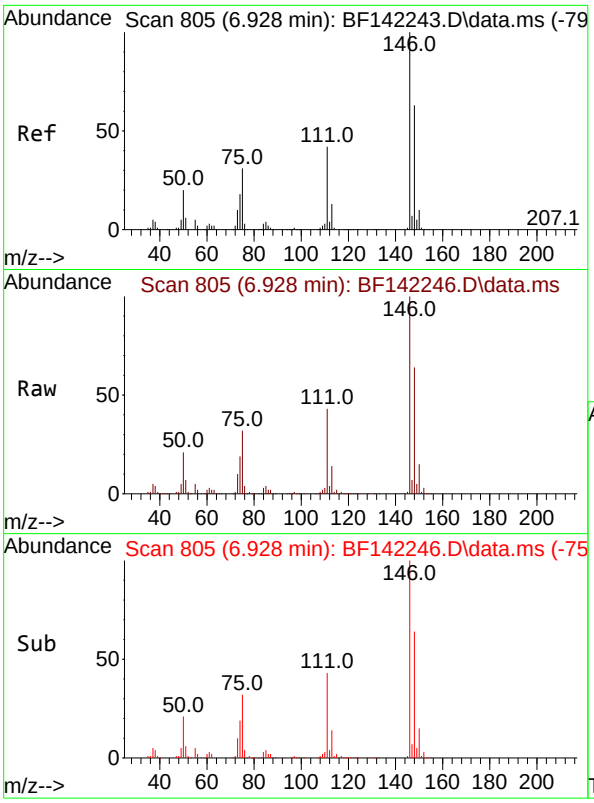


#12
1,3-Dichlorobenzene
Concen: 70.979 ng
RT: 6.851 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:146 Resp: 1000058

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.5	75.7
75	30.3	23.2	34.8

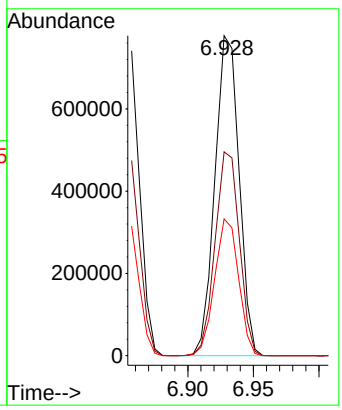




#13
1,4-Dichlorobenzene
Concen: 70.267 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:146 Resp: 99744

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	76.0
111	42.7	33.4	50.0



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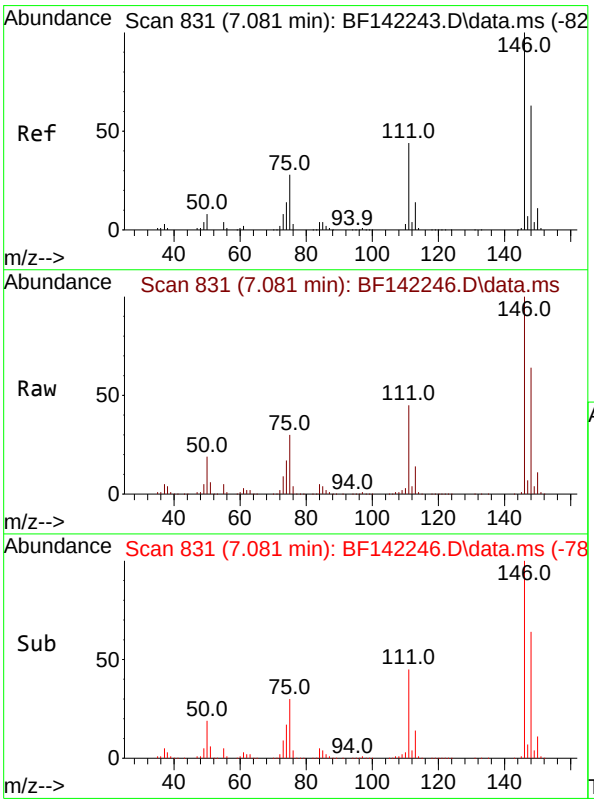
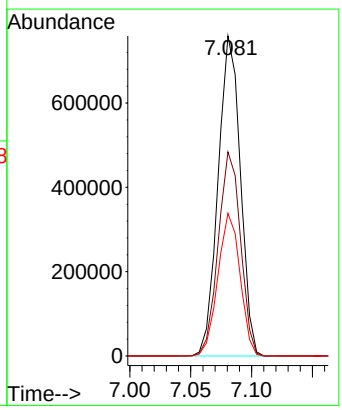
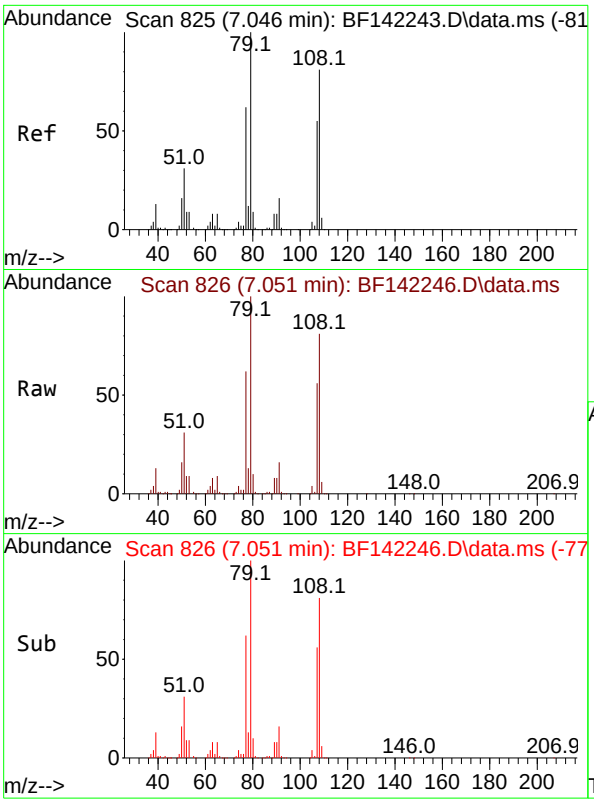


#14
1,2-Dichlorobenzene
Concen: 71.326 ng
RT: 7.081 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:146 Resp: 966587

Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.5	75.7
111	44.6	34.9	52.3

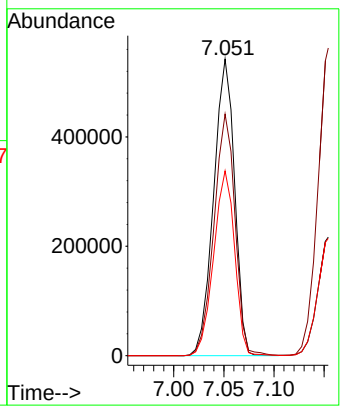




#15
Benzyl Alcohol
Concen: 76.310 ng
RT: 7.051 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion: 79 Resp: 78771

Ion	Ratio	Lower	Upper
79	100		
108	81.5	64.5	96.7
77	62.3	49.2	73.8



Instrument :
BNA_F
ClientSampleId :
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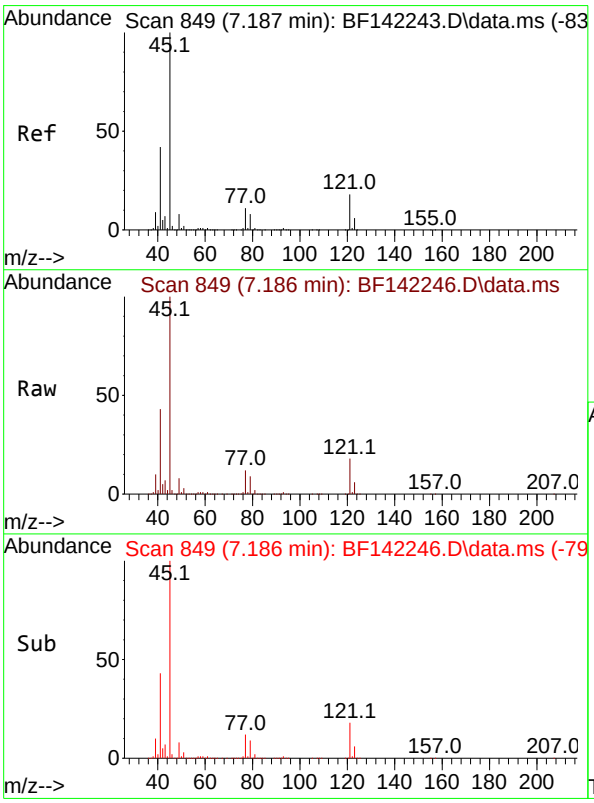
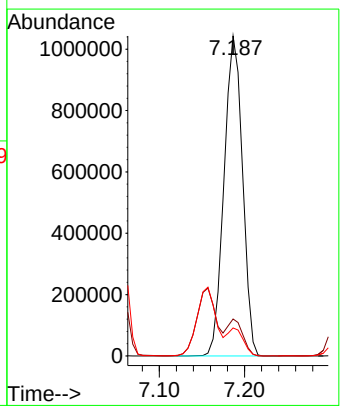
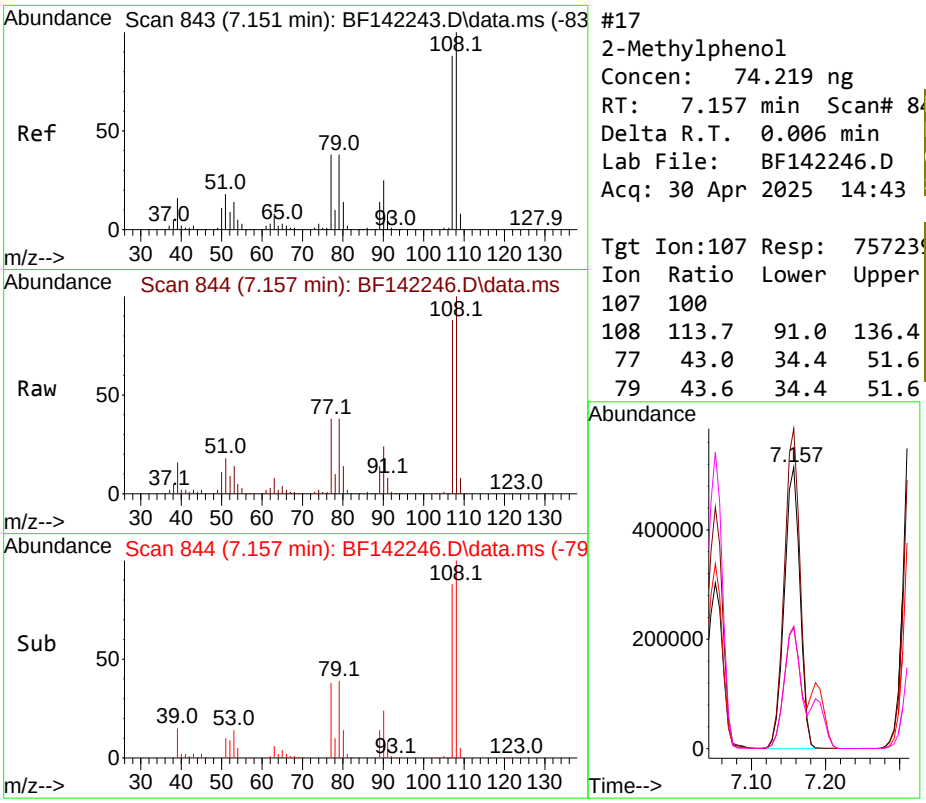


#16
2,2'-oxybis(1-Chloropropane)
Concen: 71.749 ng
RT: 7.186 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion: 45 Resp: 1573151

Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	31.3
79	8.8	0.0	28.5





#17
2-Methylphenol
Concen: 74.219 ng
RT: 7.157 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:107 Resp: 75723

Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.0	136.4
77	43.0	34.4	51.6
79	43.6	34.4	51.6

Instrument :
BNA_F
ClientSampleId :
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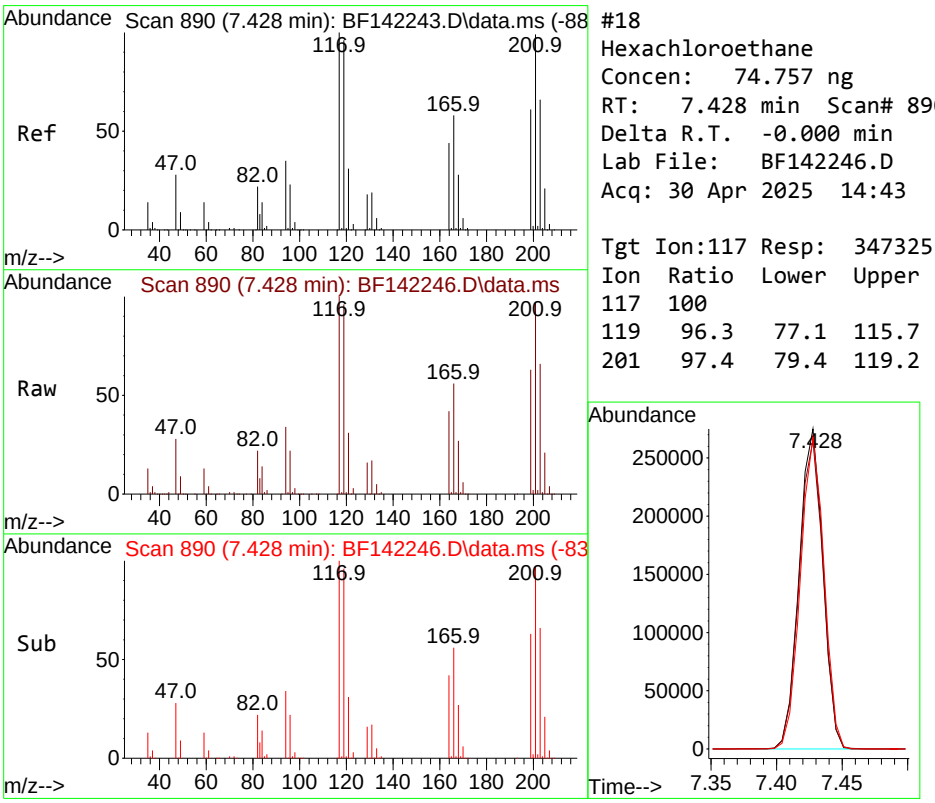
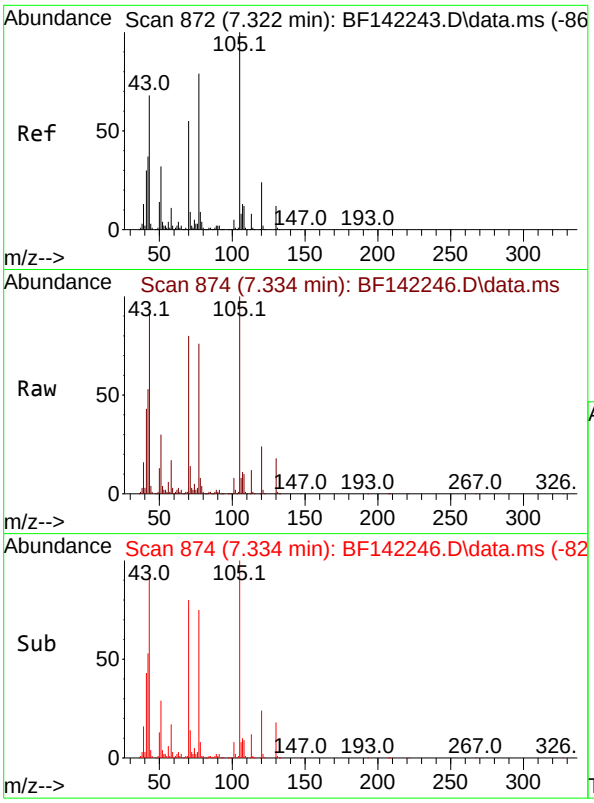


#18
Hexachloroethane
Concen: 74.757 ng
RT: 7.428 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:117 Resp: 347325

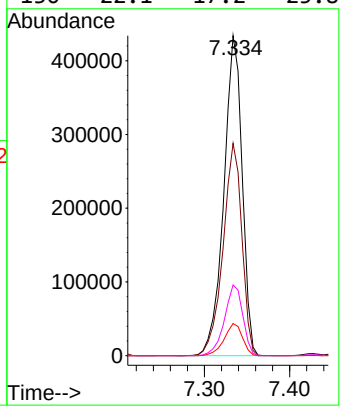
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.1	115.7
201	97.4	79.4	119.2



#19
n-Nitroso-di-n-propylamine
Concen: 72.291 ng
RT: 7.334 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion: 70 Resp: 65017

Ion	Ratio	Lower	Upper
70	100		
42	66.3	53.4	80.2
101	10.0	7.7	11.5
130	22.1	17.2	25.8



Instrument :
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ClientSampleId :
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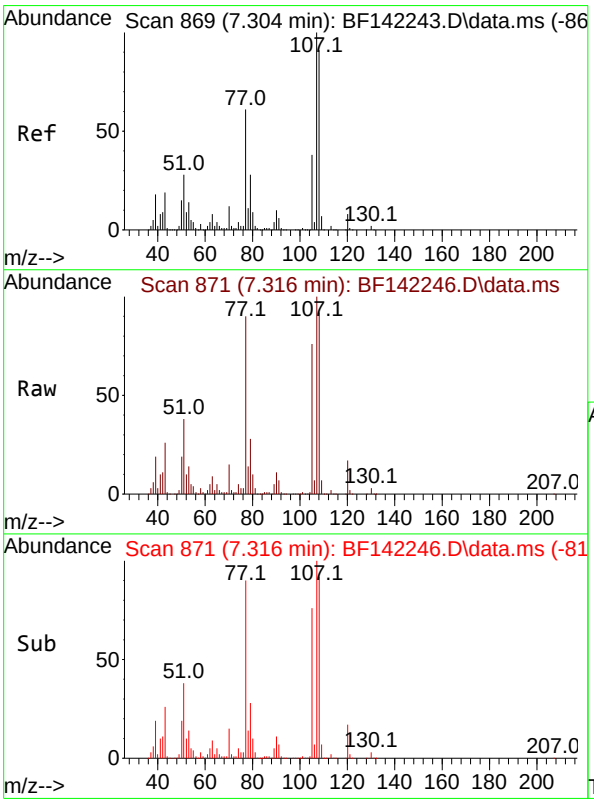
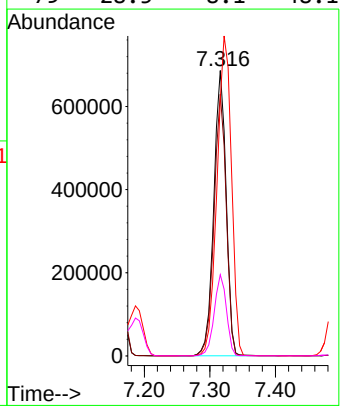
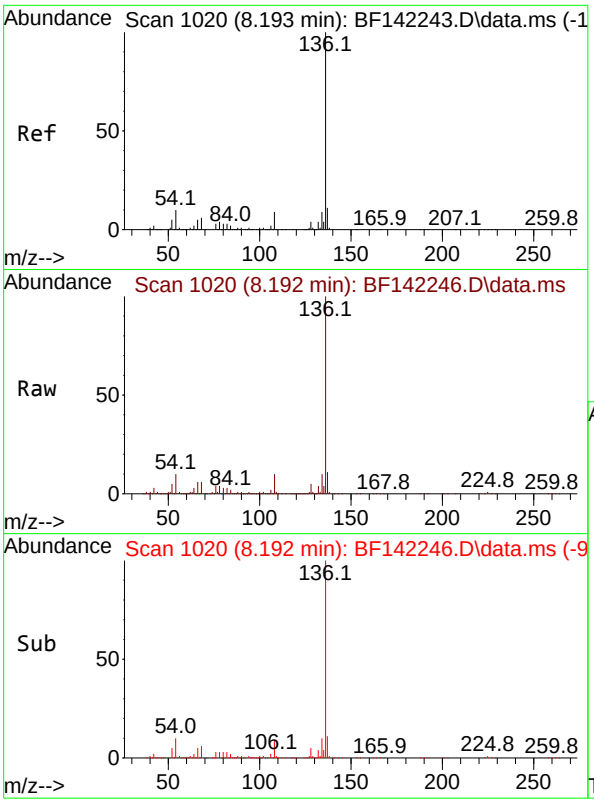


#20
3+4-Methylphenols
Concen: 70.340 ng
RT: 7.316 min Scan# 871
Delta R.T. 0.012 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:107 Resp: 897475

Ion	Ratio	Lower	Upper
107	100		
108	91.7	71.2	111.2
77	89.8	41.1	81.1#
79	28.5	8.1	48.1

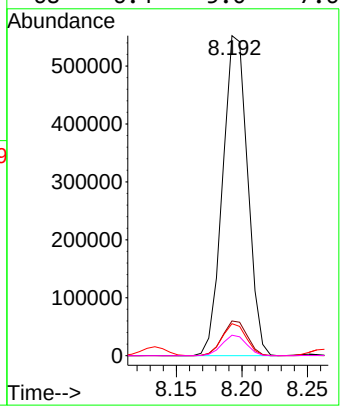




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1
Delta R.T. -0.001 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:136 Resp: 73077

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	10.0	7.7	11.5
68	6.4	5.0	7.6



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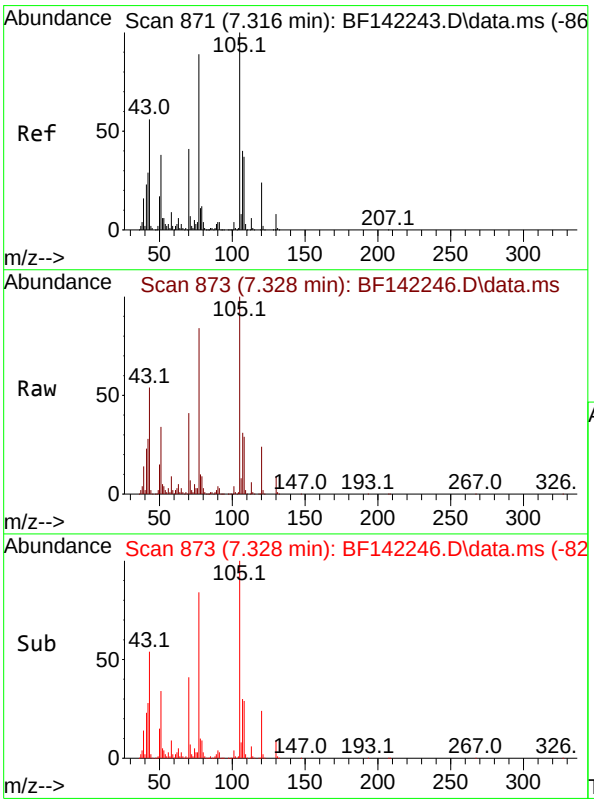
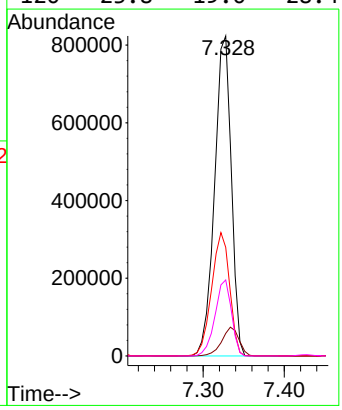
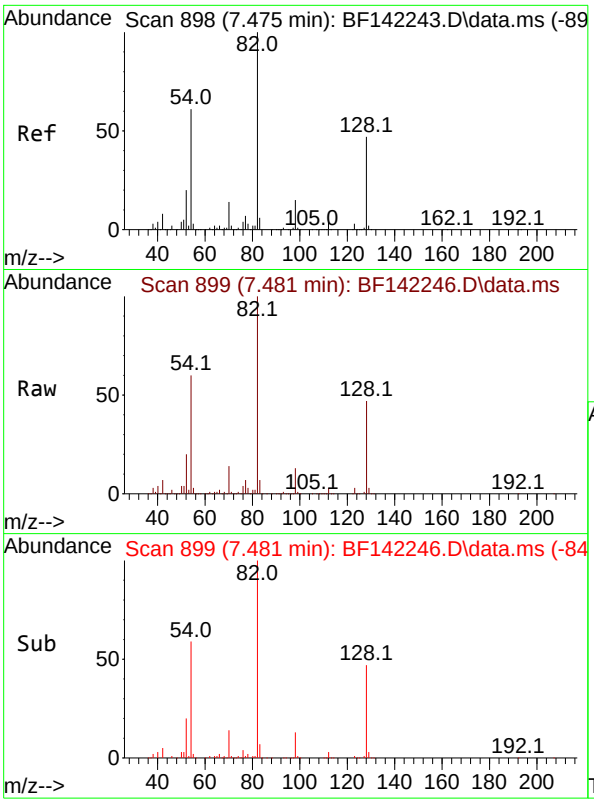


#22
Acetophenone
Concen: 69.853 ng
RT: 7.328 min Scan# 873
Delta R.T. 0.012 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:105 Resp: 1180939

Ion	Ratio	Lower	Upper
105	100		
71	7.0	5.7	8.5
51	33.9	30.1	45.1
120	23.8	19.0	28.4

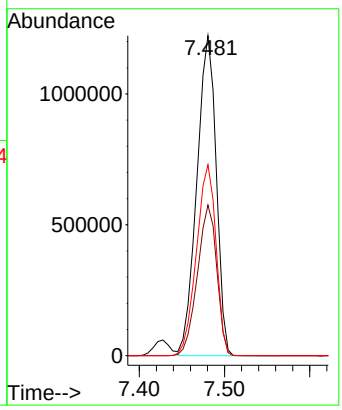




#23
Nitrobenzene-d5
Concen: 173.477 ng
RT: 7.481 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion: 82 Resp: 192964

Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.0	55.6
54	59.7	48.0	72.0



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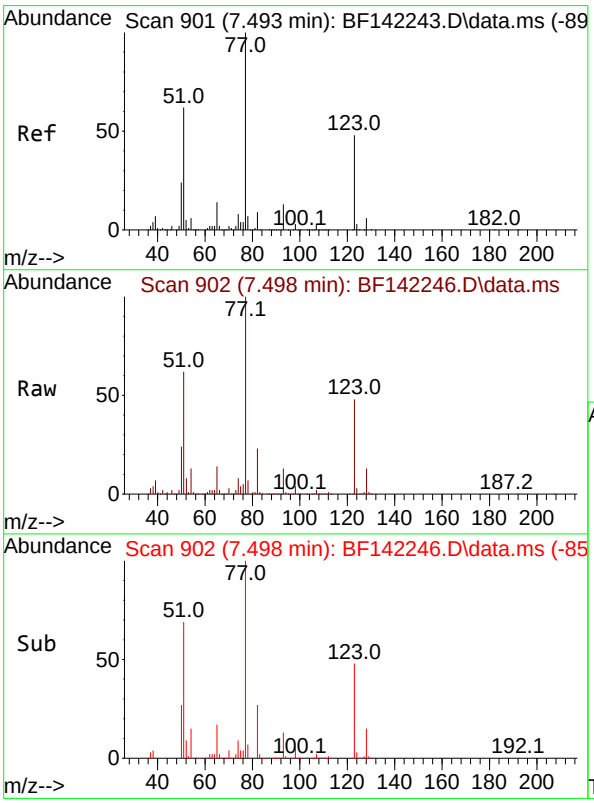
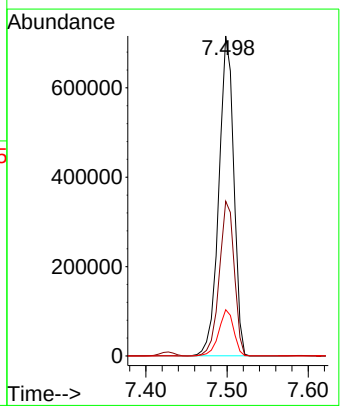
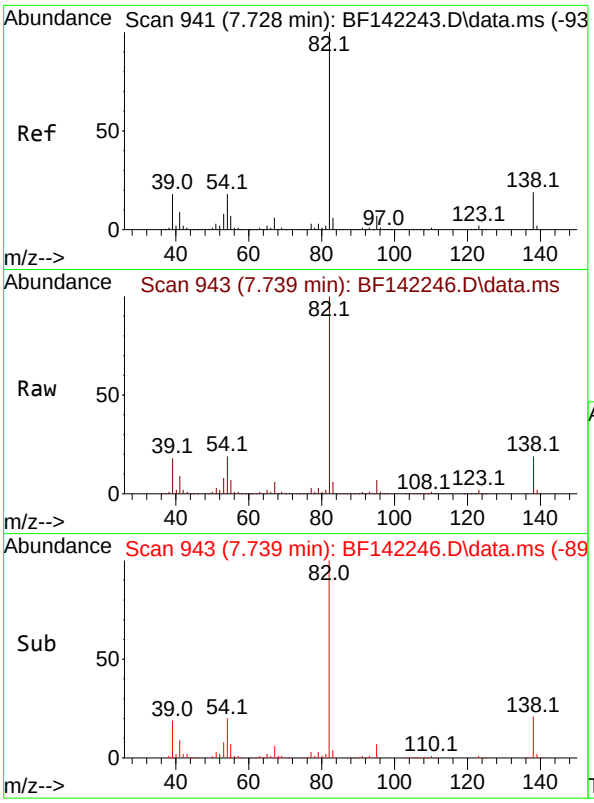


#24
Nitrobenzene
Concen: 84.046 ng
RT: 7.498 min Scan# 902
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion: 77 Resp: 917286

Ion	Ratio	Lower	Upper
77	100		
123	48.4	38.6	58.0
65	14.4	11.5	17.3

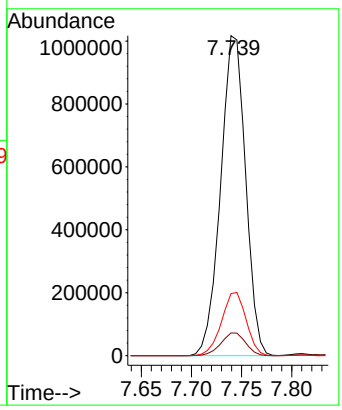




#25
Isophorone
Concen: 75.306 ng
RT: 7.739 min Scan# 94
Delta R.T. 0.012 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion: 82 Resp: 175801

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	19.4	15.3	22.9



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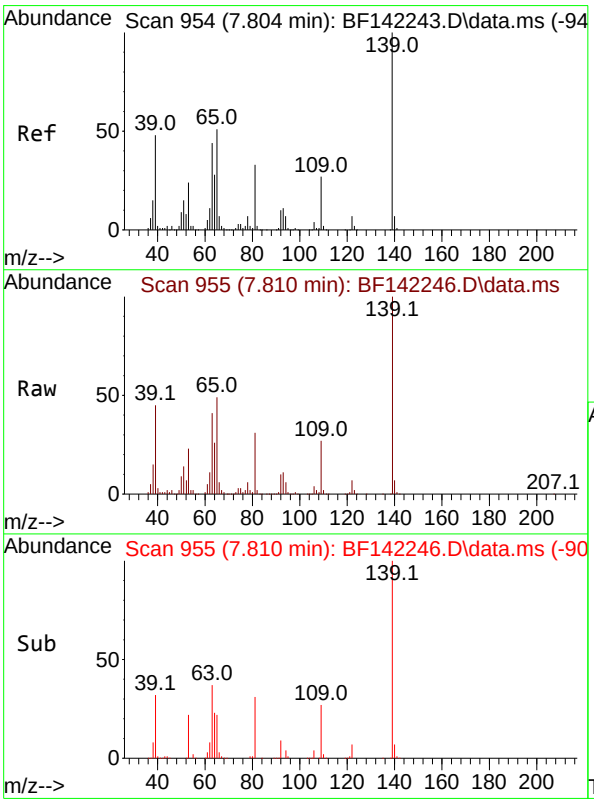
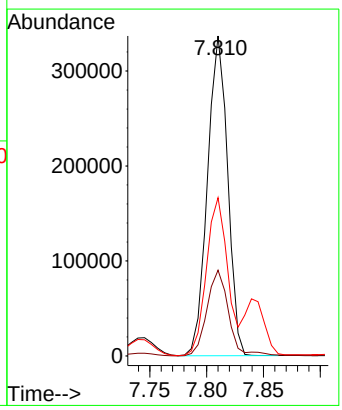
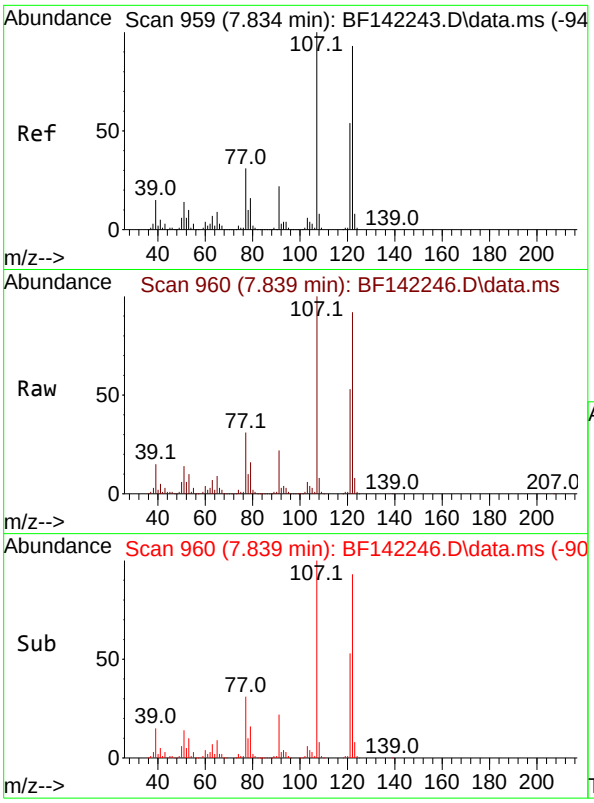


#26
2-Nitrophenol
Concen: 79.254 ng
RT: 7.810 min Scan# 955
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:139 Resp: 416387

Ion	Ratio	Lower	Upper
139	100		
109	26.8	21.8	32.8
65	49.4	41.1	61.7





#27
2,4-Dimethylphenol
Concen: 75.098 ng
RT: 7.839 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:122 Resp: 88392

Ion	Ratio	Lower	Upper
122	100		
107	108.1	86.0	129.0
121	57.8	46.3	69.5

Instrument :
BNA_F
ClientSampleId :
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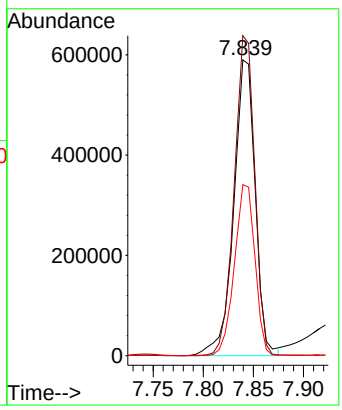
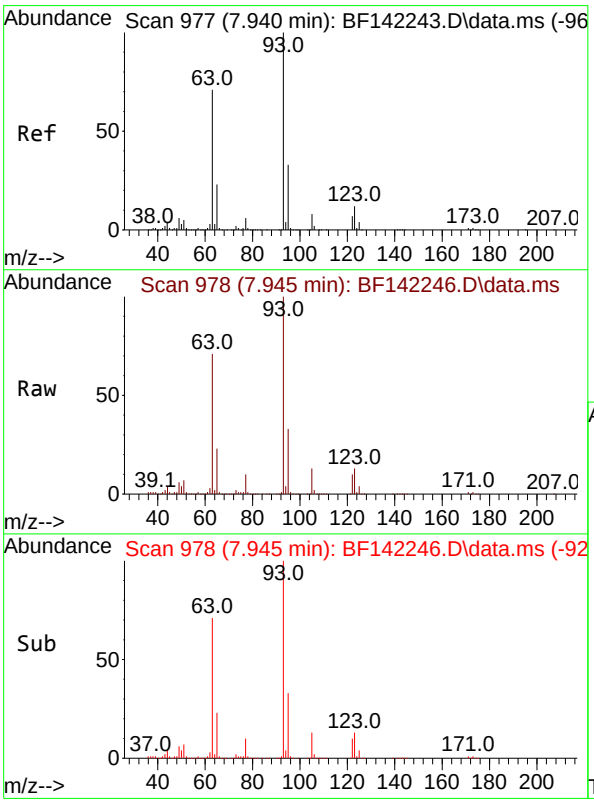
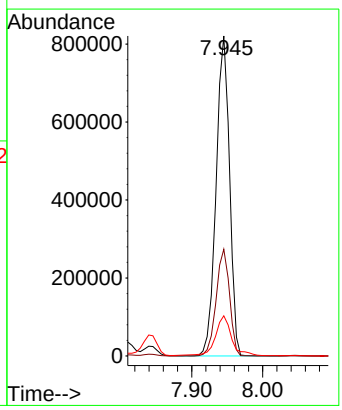


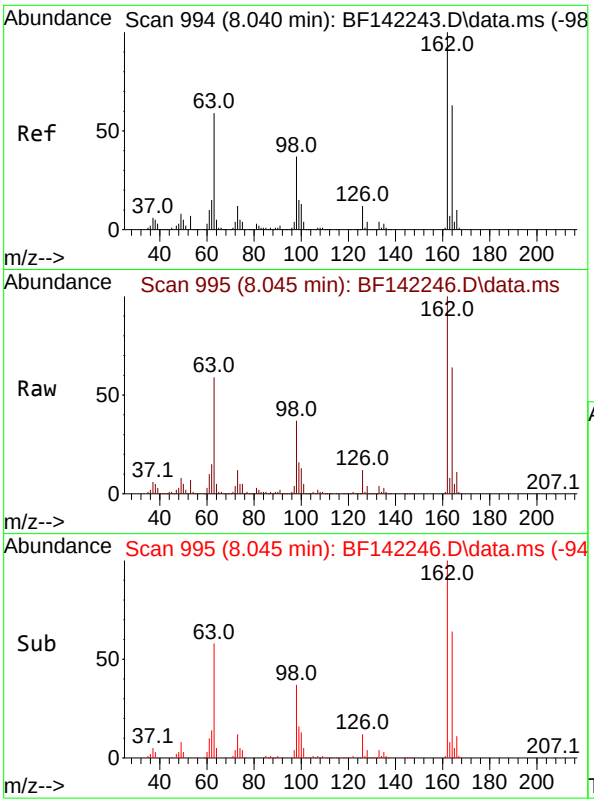


#28
bis(2-Chloroethoxy)methane
Concen: 72.702 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion: 93 Resp: 1070383

Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.2	39.2
123	12.5	9.7	14.5

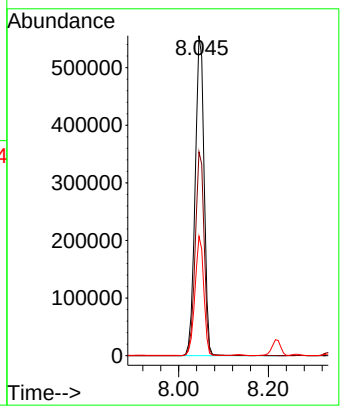




#29
2,4-Dichlorophenol
Concen: 78.103 ng
RT: 8.045 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:162 Resp: 76857

Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.0	83.0
98	37.3	16.7	56.7



Instrument :
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ClientSampleId :
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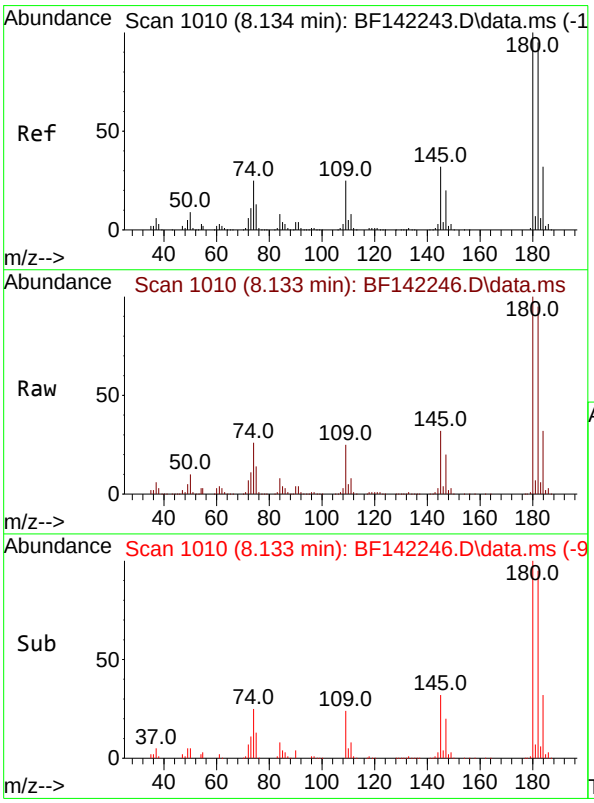
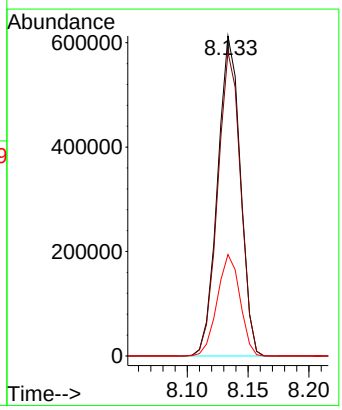
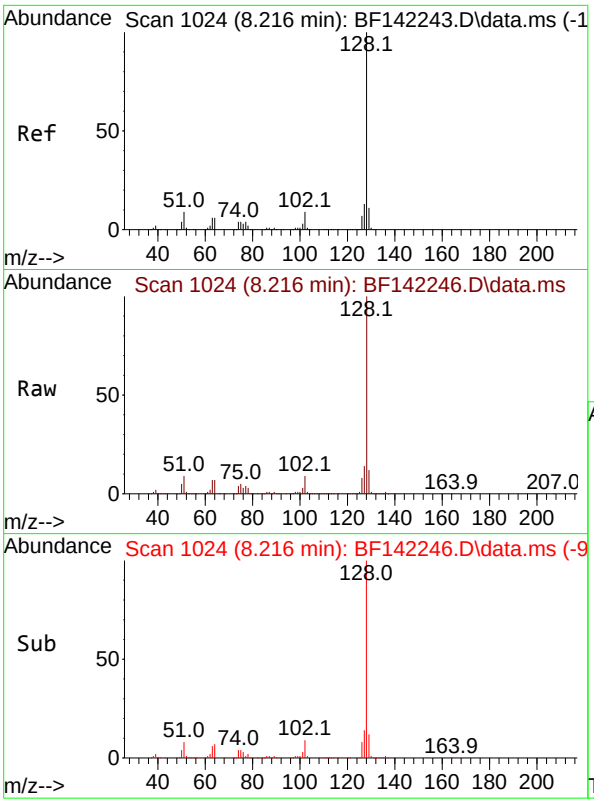


#30
1,2,4-Trichlorobenzene
Concen: 72.623 ng
RT: 8.133 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:180 Resp: 797476

Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.7	113.5
145	31.7	25.4	38.0

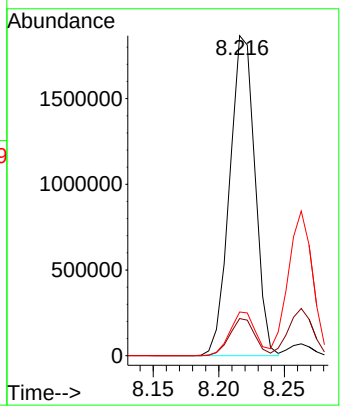




#31
Naphthalene
Concen: 68.820 ng
RT: 8.216 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:128 Resp: 250808

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.4
127	13.7	10.6	15.8



Instrument :
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ClientSampleId :
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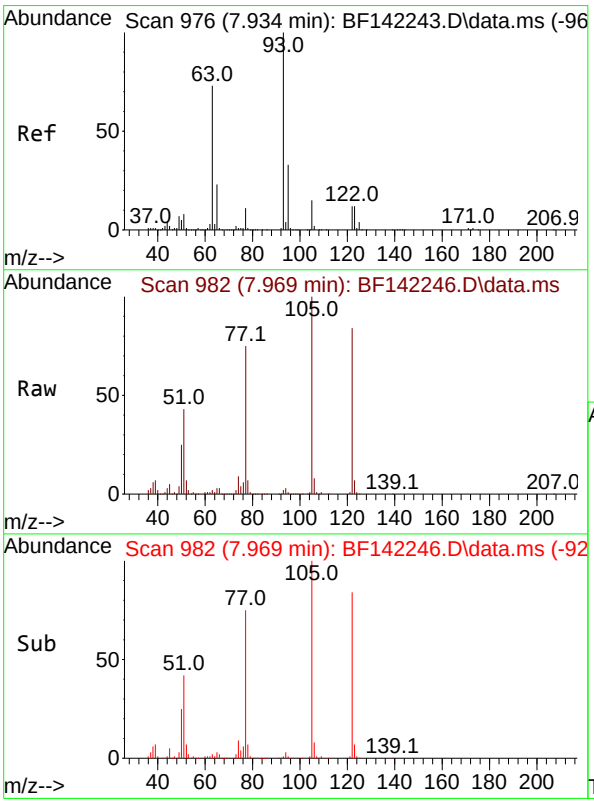
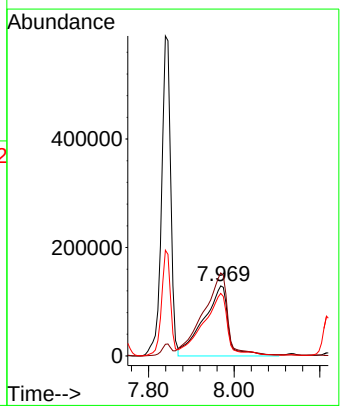
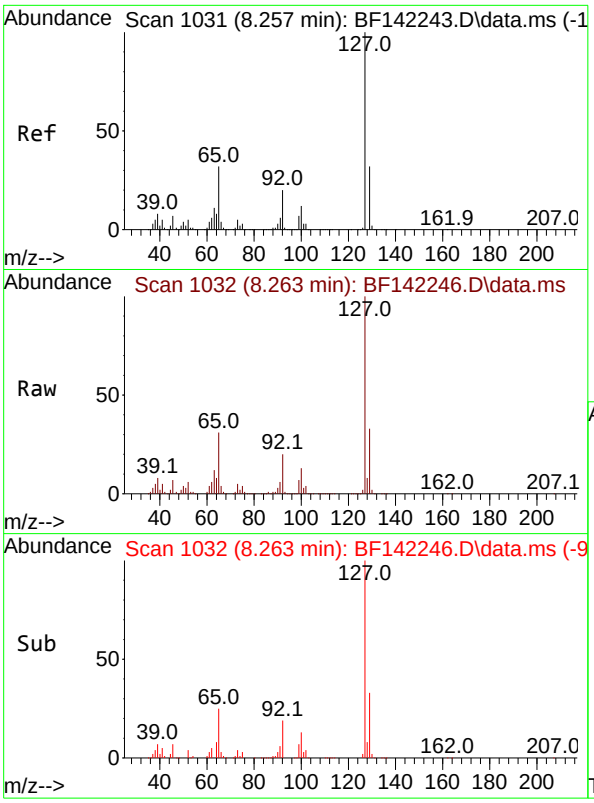


#32
Benzoic acid
Concen: 83.328 ng m
RT: 7.969 min Scan# 982
Delta R.T. 0.035 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:122 Resp: 523215

Ion	Ratio	Lower	Upper
122	100		
105	118.4	98.2	138.2
77	89.2	66.8	106.8

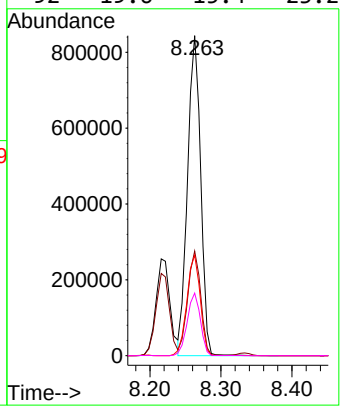




#33
4-Chloroaniline
Concen: 71.465 ng
RT: 8.263 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:127 Resp: 108454

Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	31.4	25.5	38.3
92	19.6	15.4	23.2



Instrument :
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ClientSampleId :
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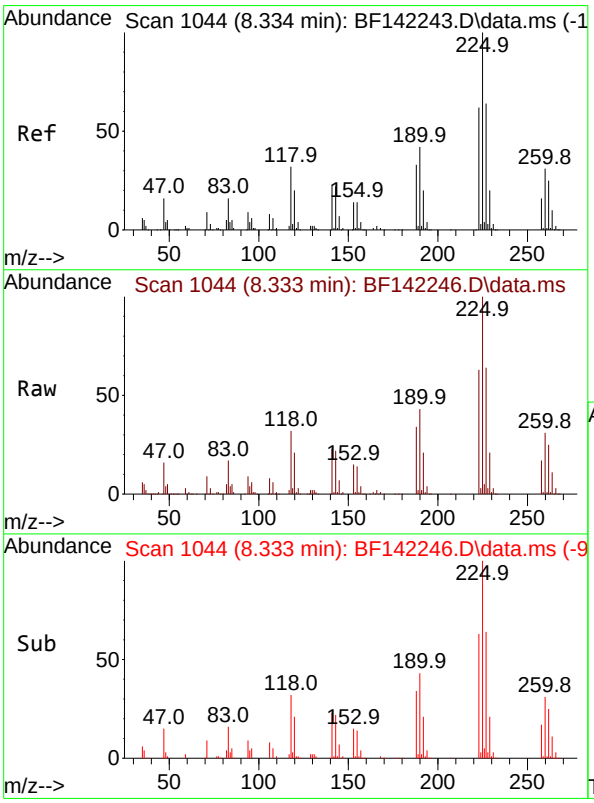
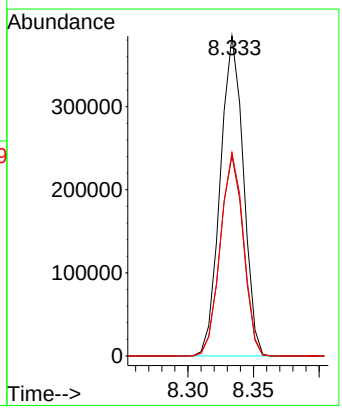
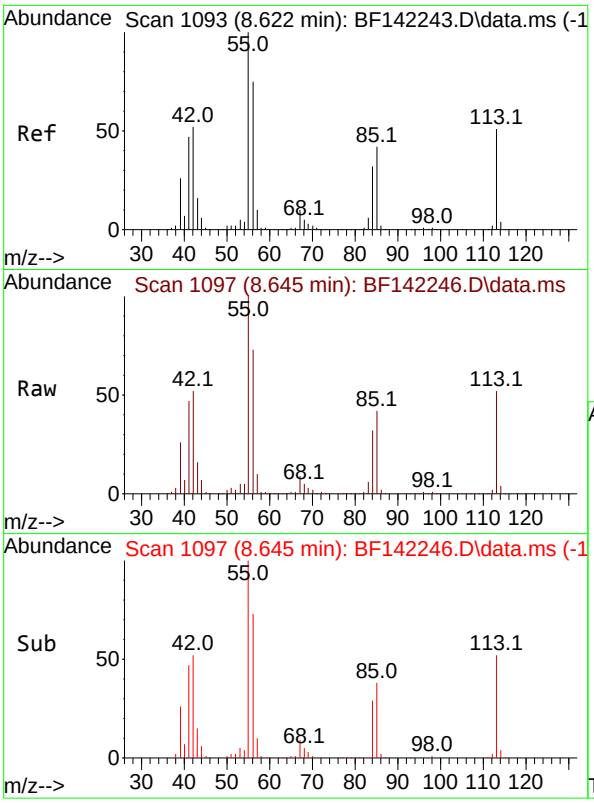


#34
Hexachlorobutadiene
Concen: 73.564 ng
RT: 8.333 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:225 Resp: 471301

Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.7	74.5
227	63.6	51.0	76.4





#35
Caprolactam
Concen: 81.958 ng
RT: 8.645 min Scan# 1
Delta R.T. 0.023 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:113 Resp: 24241

Ion	Ratio	Lower	Upper
113	100		
55	194.1	177.7	217.7
56	142.5	127.1	167.1

Instrument :
BNA_F
ClientSampleId :
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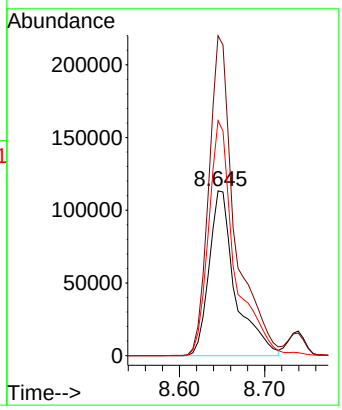
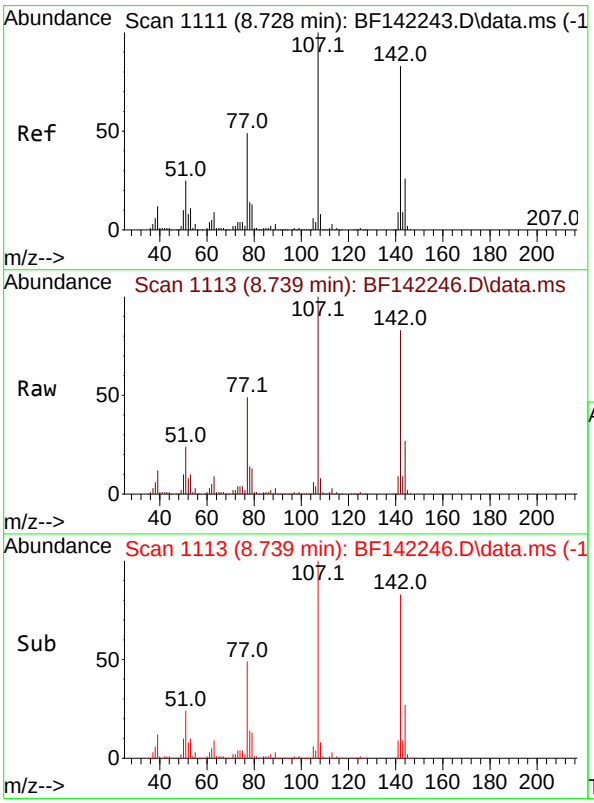
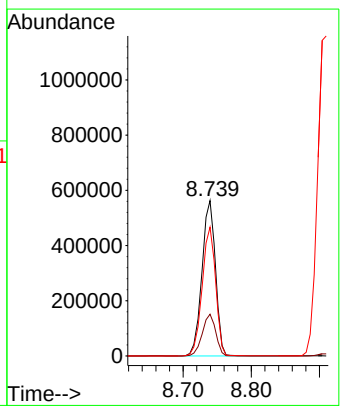


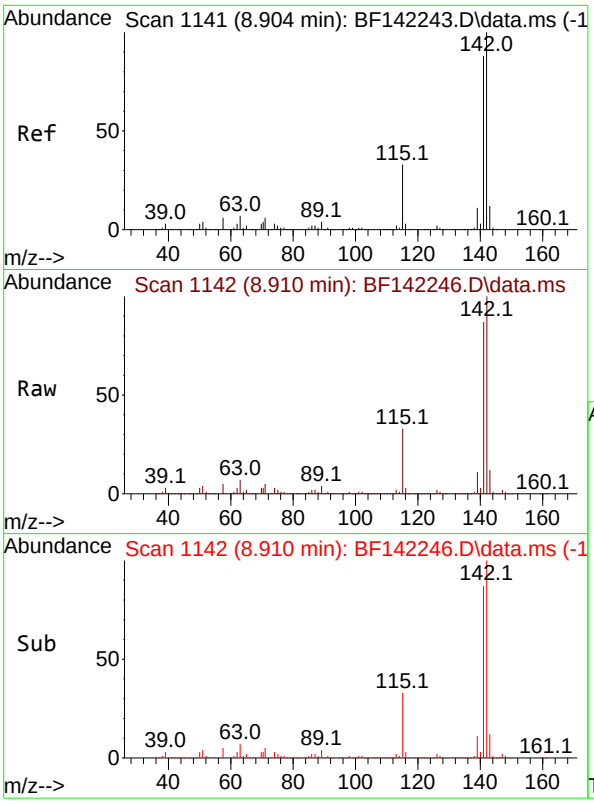


#36
4-Chloro-3-methylphenol
Concen: 76.844 ng
RT: 8.739 min Scan# 1113
Delta R.T. 0.012 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:107 Resp: 776483

Ion	Ratio	Lower	Upper
107	100		
144	26.9	21.0	31.4
142	82.9	66.1	99.1

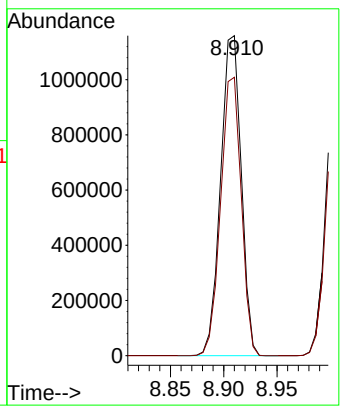




#37
2-Methylnaphthalene
Concen: 69.615 ng
RT: 8.910 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:142 Resp: 155985

Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.5	105.7



Instrument :
BNA_F
ClientSampleId :
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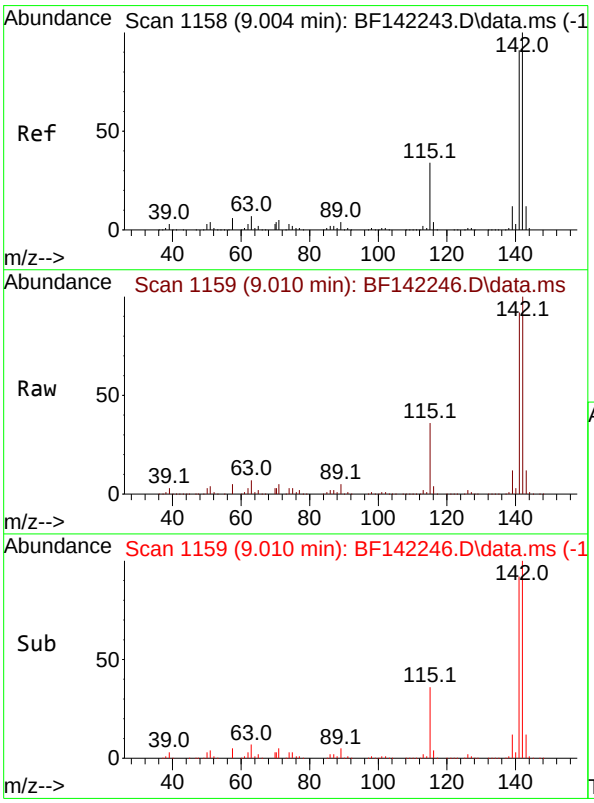
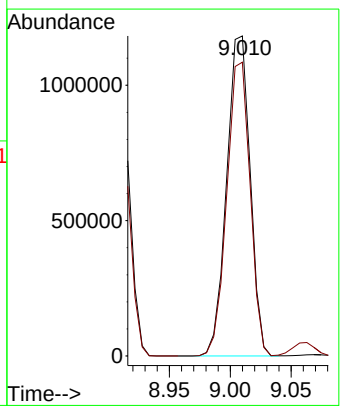
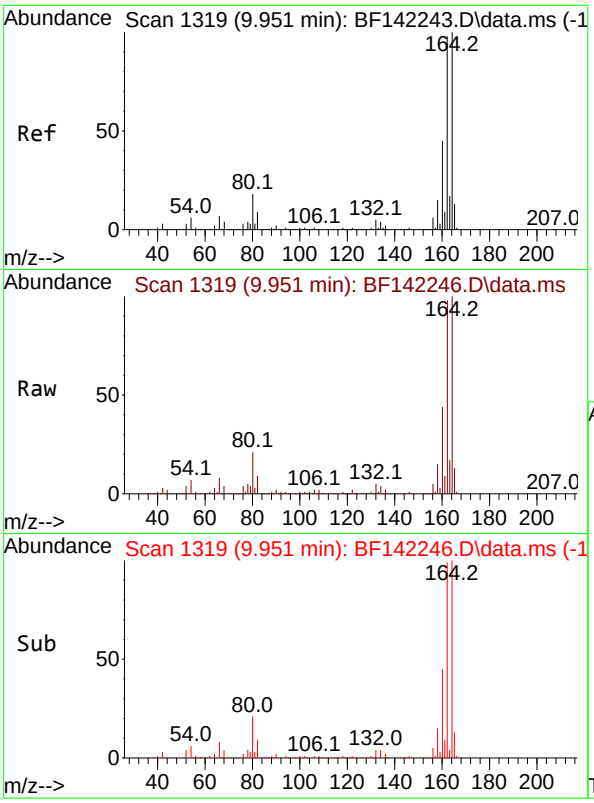


#38
1-Methylnaphthalene
Concen: 68.237 ng
RT: 9.010 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:142 Resp: 1583955

Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.8	109.2

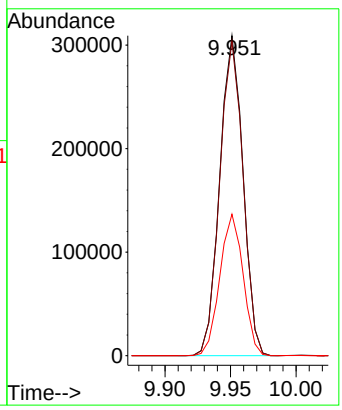




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:164 Resp: 38137

Ion	Ratio	Lower	Upper
164	100		
162	98.2	78.6	117.8
160	44.2	35.7	53.5



Instrument :
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ClientSampleId :
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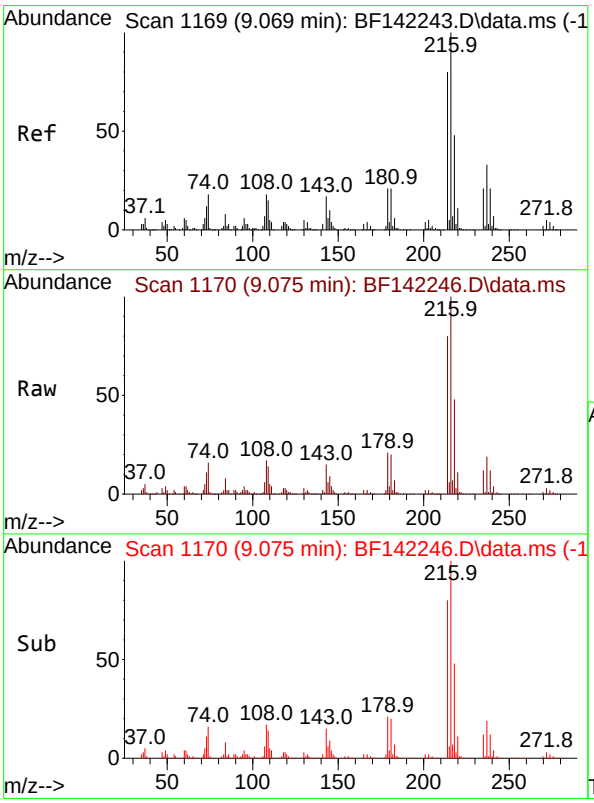
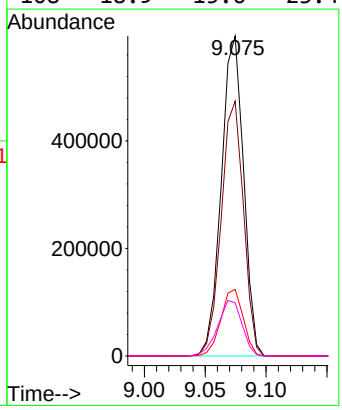
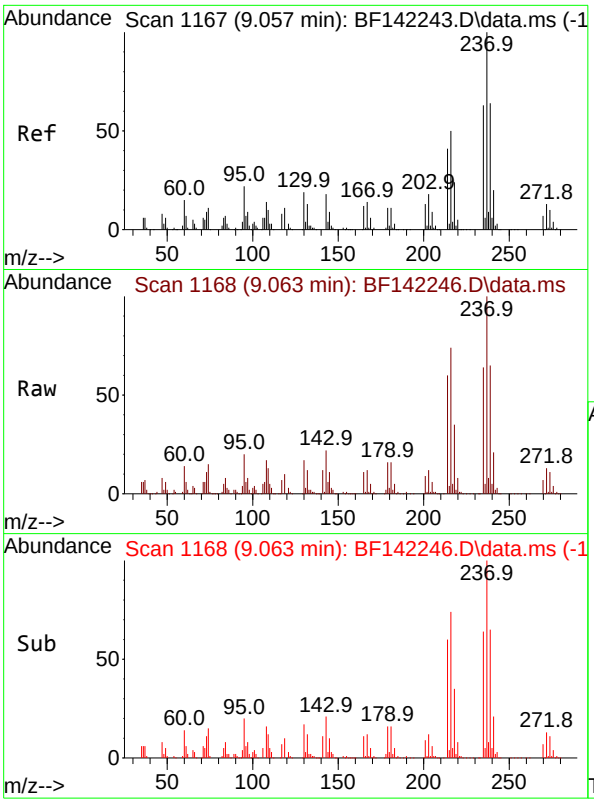


#40
1,2,4,5-Tetrachlorobenzene
Concen: 70.548 ng
RT: 9.075 min Scan# 1170
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:216 Resp: 757210

Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.8	95.6
179	21.0	16.7	25.1
108	18.9	15.6	23.4

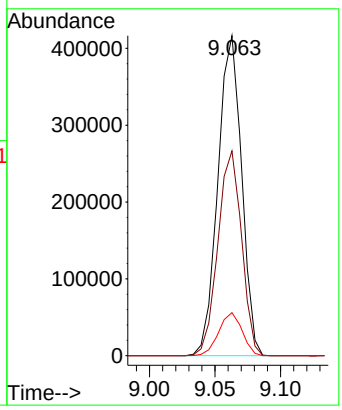




#41
Hexachlorocyclopentadiene
Concen: 85.886 ng
RT: 9.063 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:237 Resp: 52318

Ion	Ratio	Lower	Upper
237	100		
235	64.0	43.5	83.5
272	13.5	0.0	32.9



Instrument :
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ClientSampleId :
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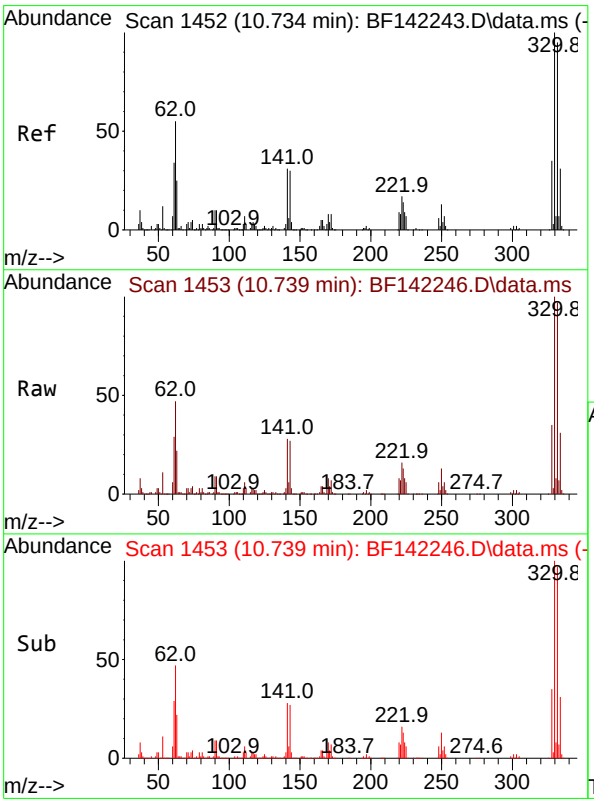
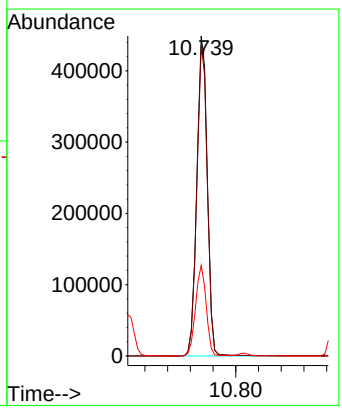
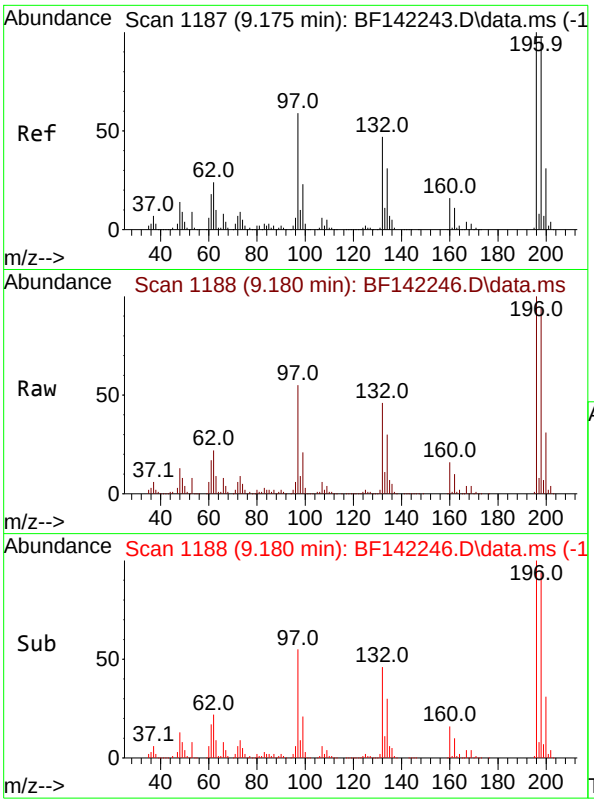


#42
2,4,6-Tribromophenol
Concen: 166.657 ng
RT: 10.739 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:330 Resp: 579431

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.5	114.7
141	28.6	24.3	36.5

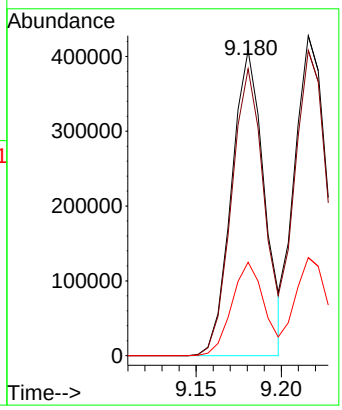




#43
2,4,6-Trichlorophenol
Concen: 81.996 ng
RT: 9.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:196 Resp: 54535

Ion	Ratio	Lower	Upper
196	100		
198	93.9	77.4	116.2
200	30.6	24.6	37.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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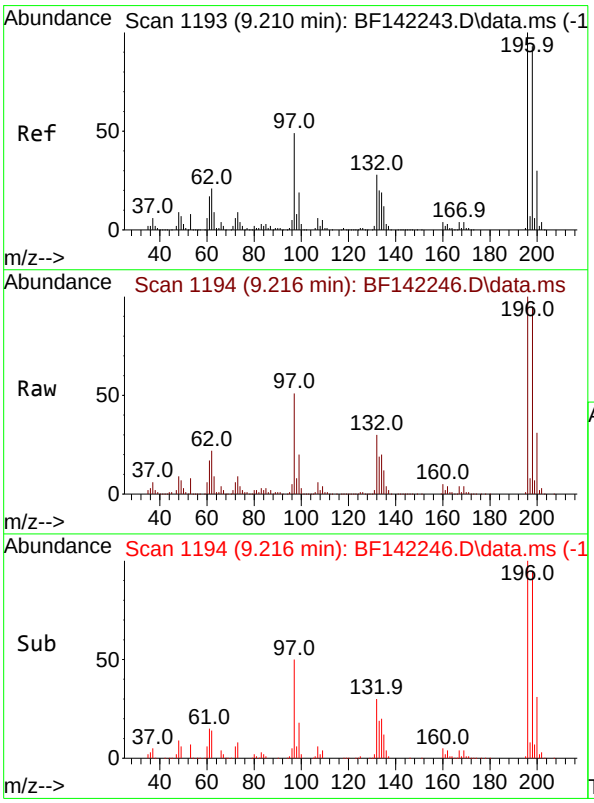
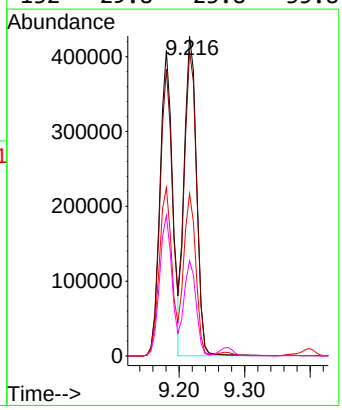
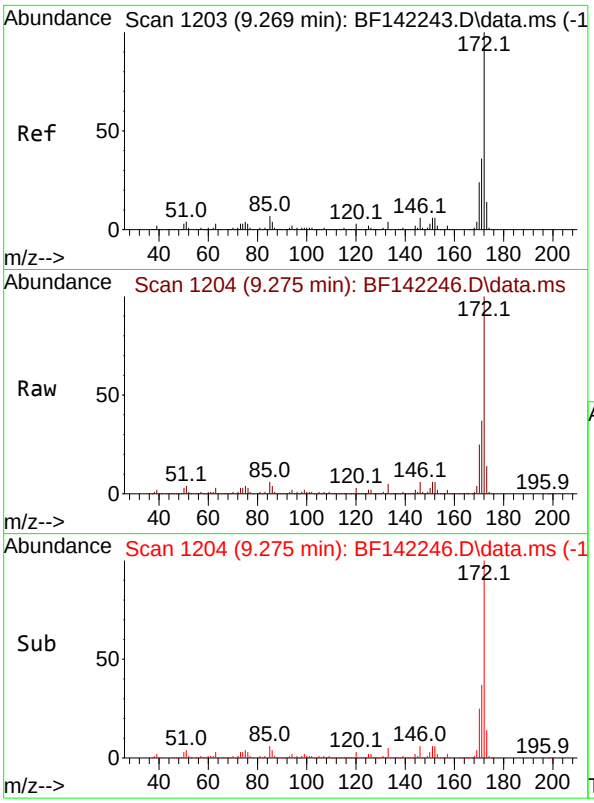


#44
2,4,5-Trichlorophenol
Concen: 79.732 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:196 Resp: 557542

Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.2	112.8
97	50.7	39.8	59.8
132	29.8	23.8	35.8

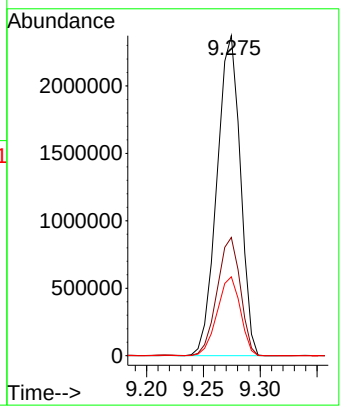




#45
2-Fluorobiphenyl
Concen: 125.694 ng
RT: 9.275 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:172 Resp: 339986

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.4
170	24.6	19.4	29.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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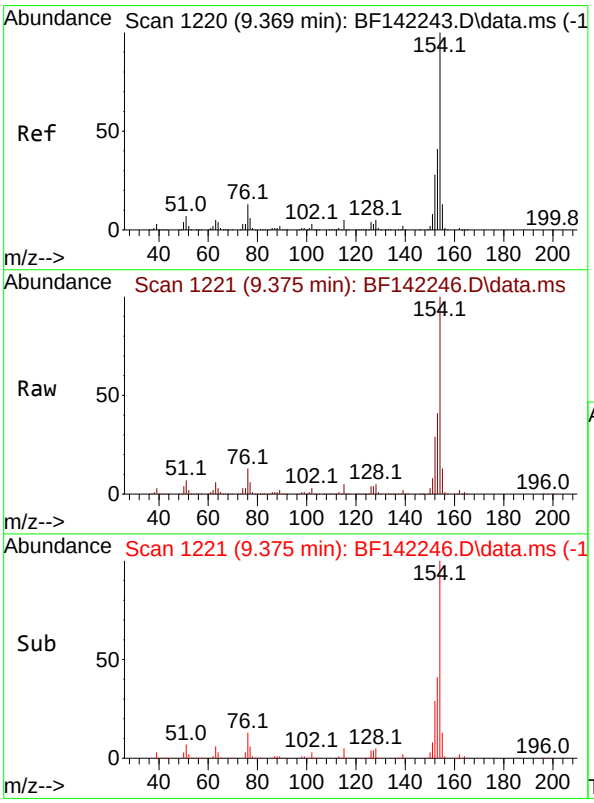
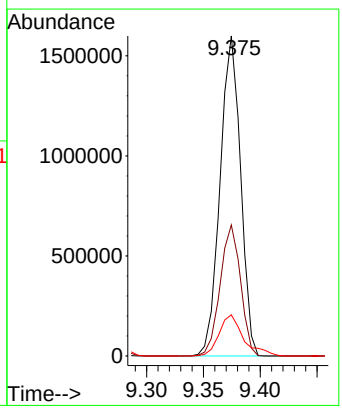
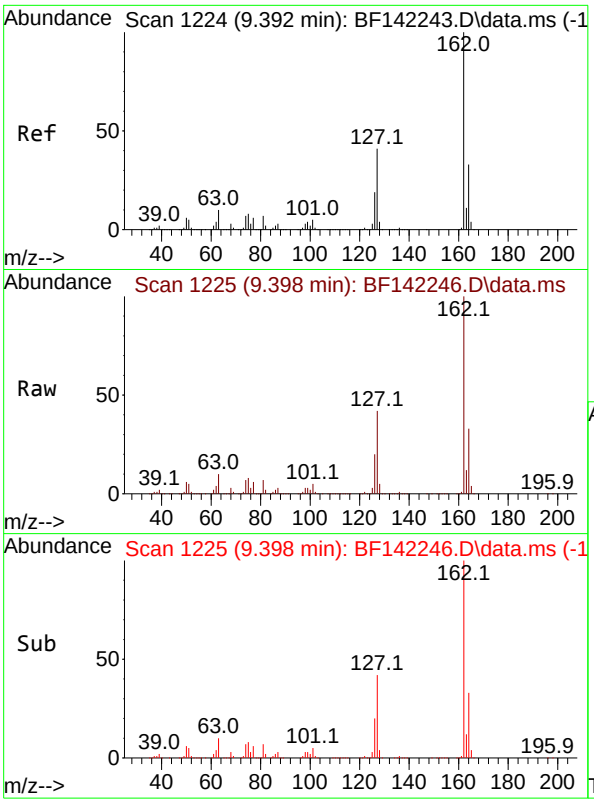


#46
1,1'-Biphenyl
Concen: 67.691 ng
RT: 9.375 min Scan# 1221
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:154 Resp: 2006955

Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.5	60.5
76	12.9	0.0	32.8

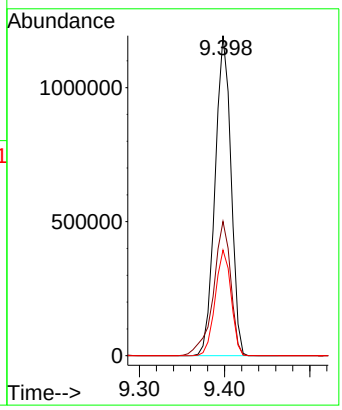




#47
2-Chloronaphthalene
Concen: 70.140 ng
RT: 9.398 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:162 Resp: 154720

Ion	Ratio	Lower	Upper
162	100		
127	41.9	32.6	49.0
164	33.0	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
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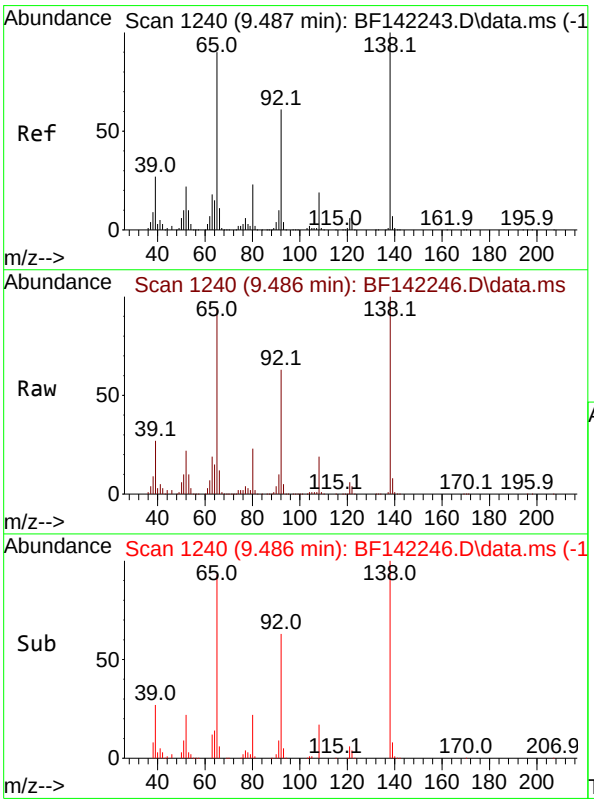
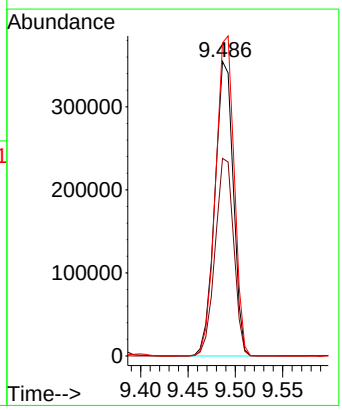
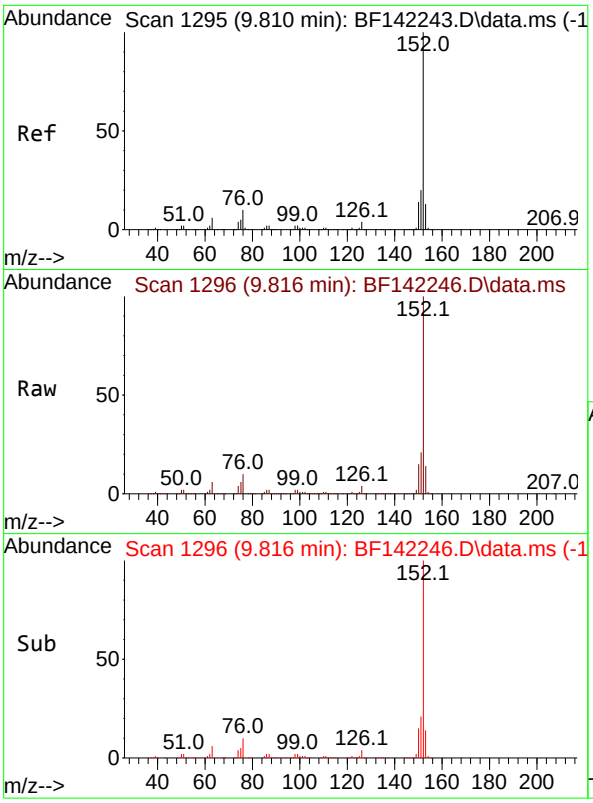


#48
2-Nitroaniline
Concen: 79.390 ng
RT: 9.486 min Scan# 1240
Delta R.T. -0.001 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion: 65 Resp: 481954

Ion	Ratio	Lower	Upper
65	100		
92	67.1	54.3	81.5
138	106.4	88.6	133.0

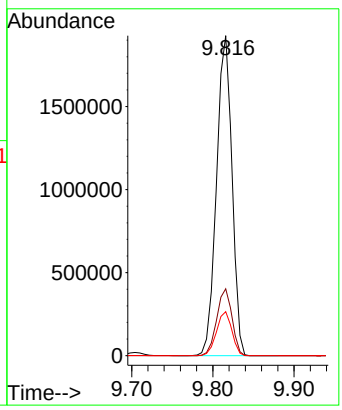




#49
Acenaphthylene
Concen: 68.650 ng
RT: 9.816 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:152 Resp: 255538

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.2
153	13.7	10.7	16.1



Instrument :
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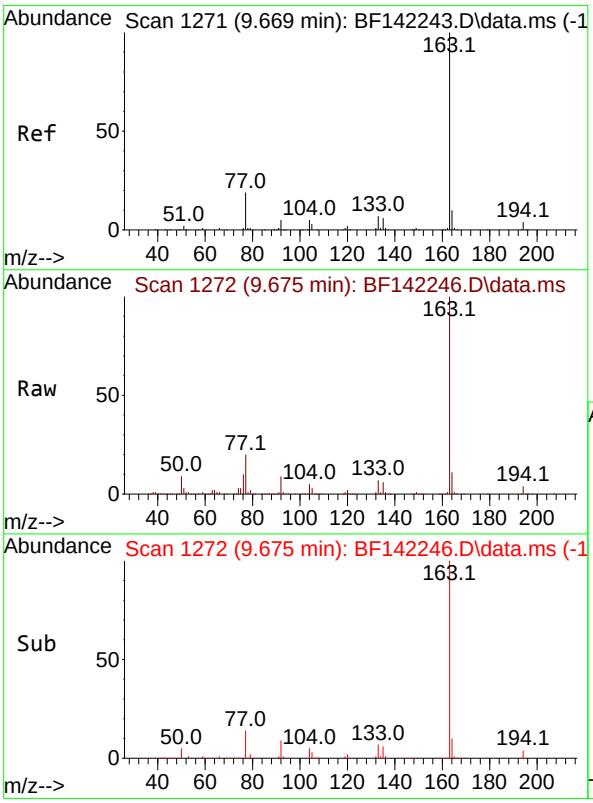
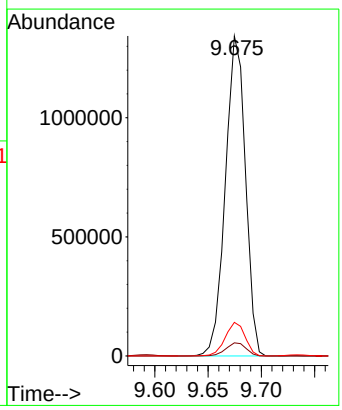
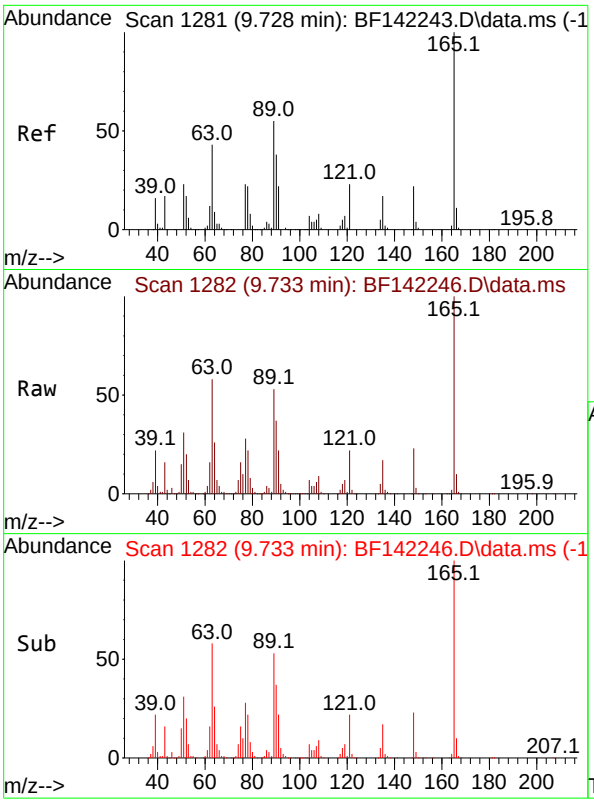


#50
Dimethylphthalate
Concen: 72.052 ng
RT: 9.675 min Scan# 1272
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:163 Resp: 1757977

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.5	8.2	12.2

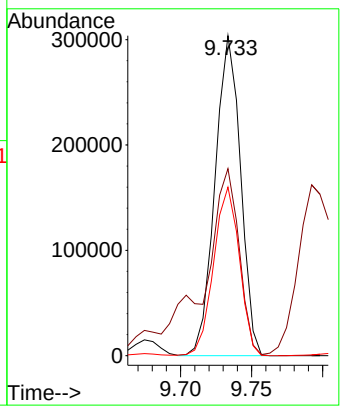




#51
2,6-Dinitrotoluene
Concen: 78.246 ng
RT: 9.733 min Scan# 1
Delta R.T. 0.005 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:165 Resp: 37912

Ion	Ratio	Lower	Upper
165	100		
63	58.4	48.5	72.7
89	52.7	43.9	65.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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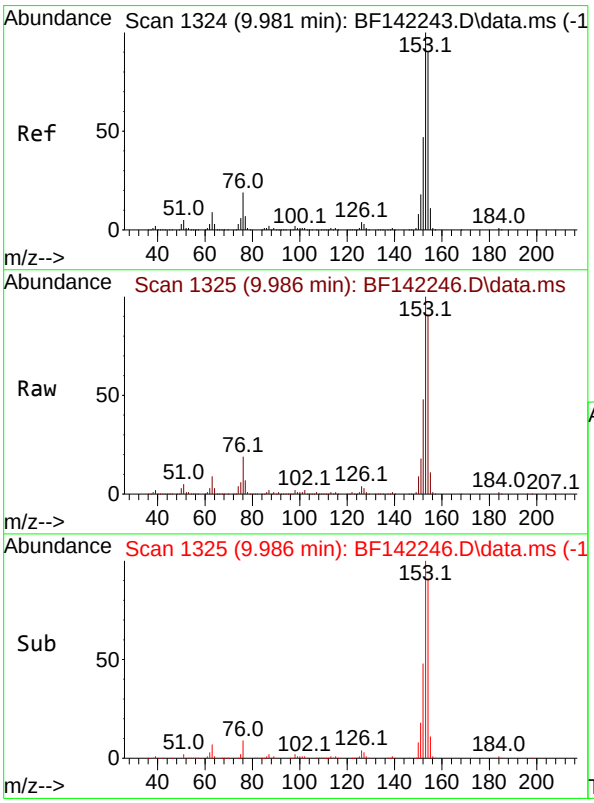
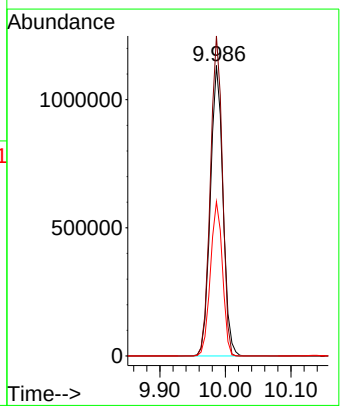
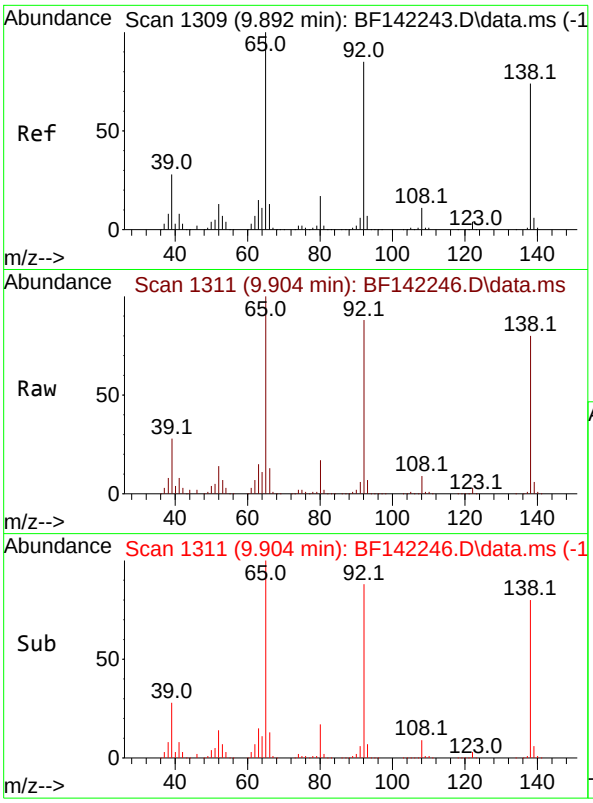


#52
Acenaphthene
Concen: 69.843 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:154 Resp: 1517991

Ion	Ratio	Lower	Upper
154	100		
153	110.2	88.6	133.0
152	53.1	42.1	63.1





#53
3-Nitroaniline
Concen: 78.061 ng
RT: 9.904 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:138 Resp: 45657

Ion	Ratio	Lower	Upper
138	100		
108	11.8	11.7	17.5
92	109.7	91.2	136.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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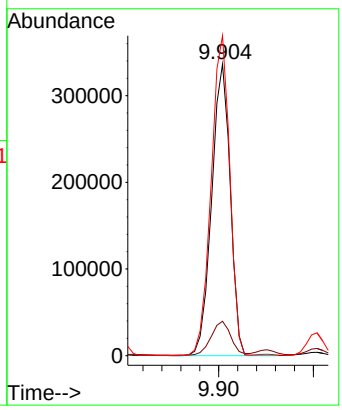
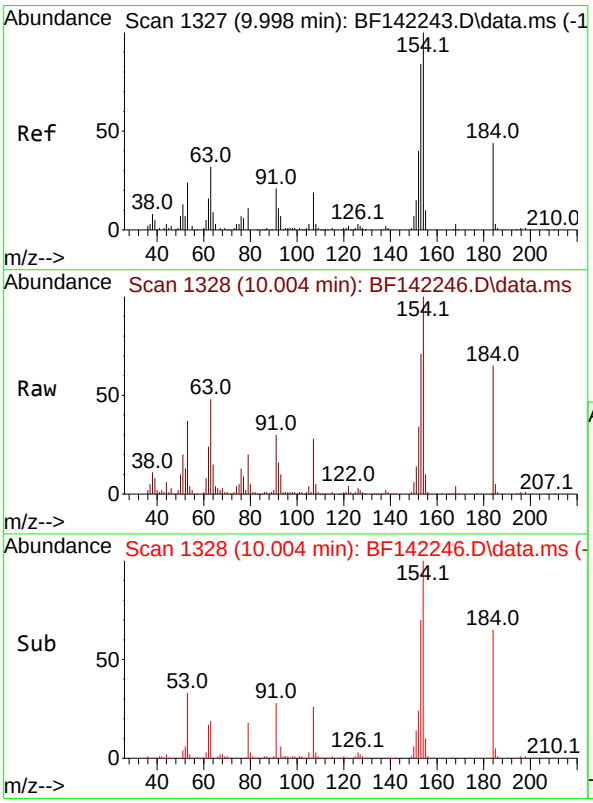
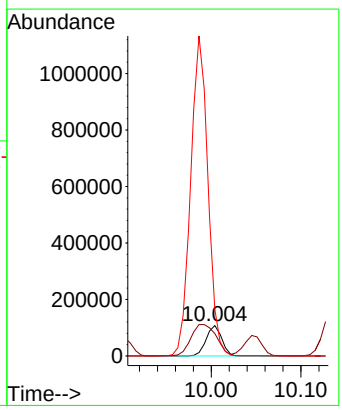


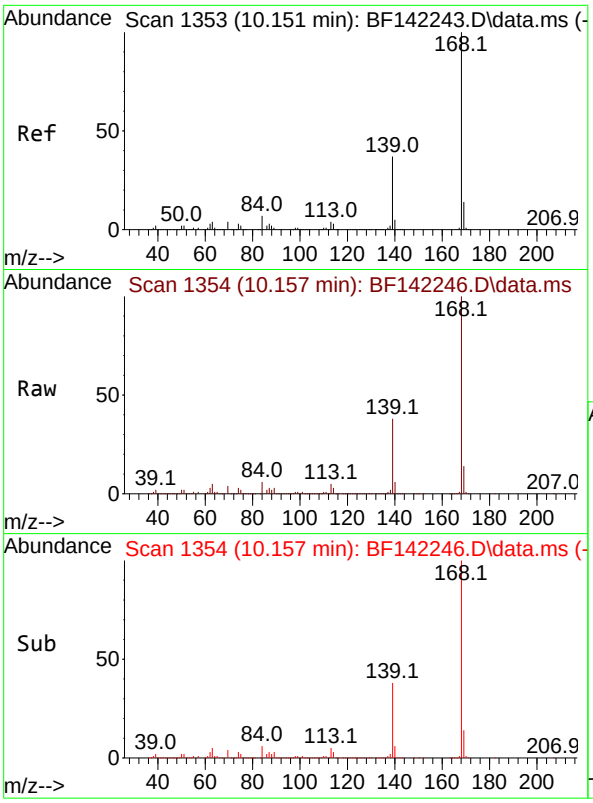


#54
2,4-Dinitrophenol
Concen: 79.532 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:184 Resp: 129817

Ion	Ratio	Lower	Upper
184	100		
63	73.9	69.2	103.8
154	153.5	271.4	407.2#

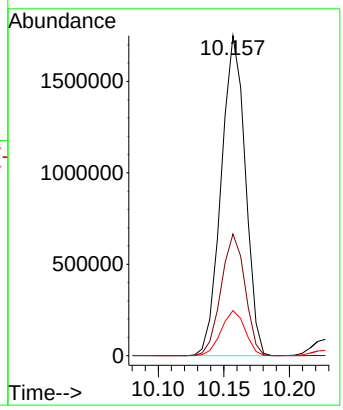




#55
Dibenzofuran
Concen: 68.664 ng
RT: 10.157 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:168 Resp: 223708

Ion	Ratio	Lower	Upper
168	100		
139	38.0	29.4	44.0
169	14.1	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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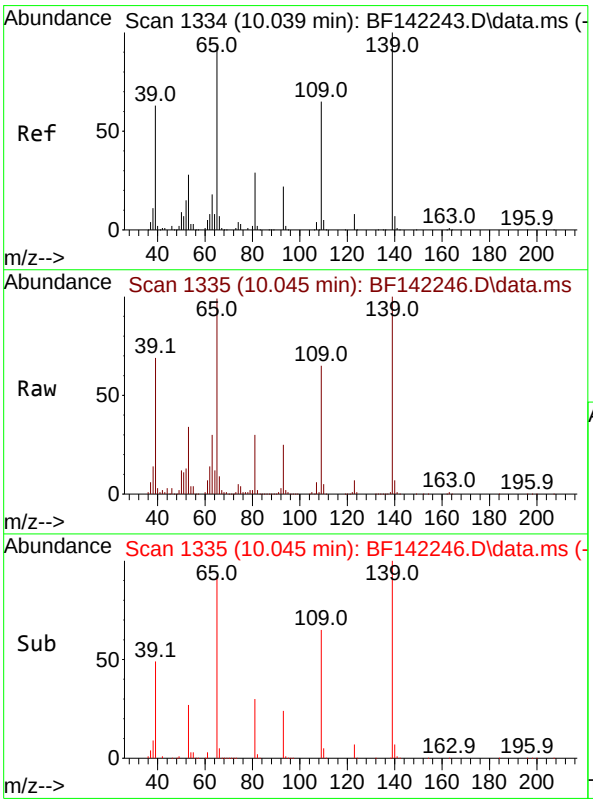
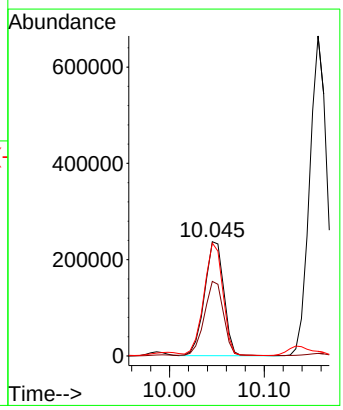
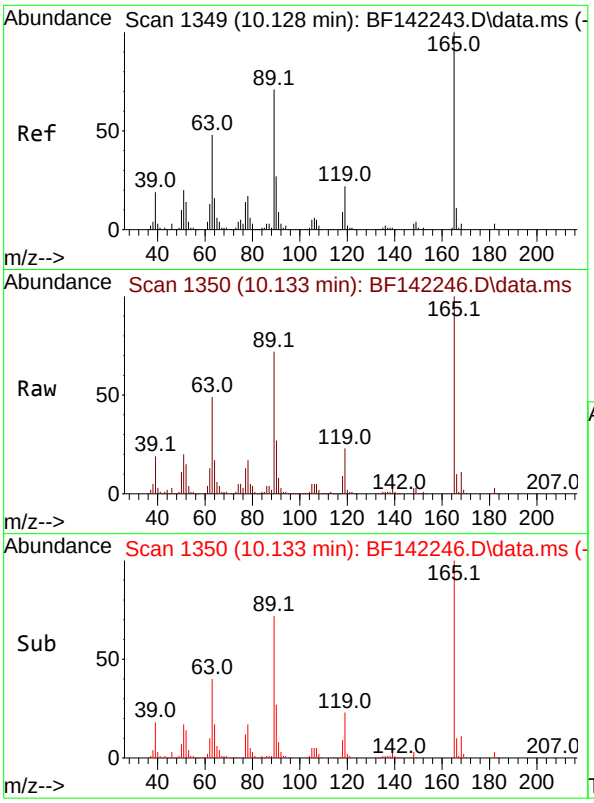


#56
4-Nitrophenol
Concen: 87.357 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:139 Resp: 335015

Ion	Ratio	Lower	Upper
139	100		
109	65.2	44.9	84.9
65	98.8	74.7	114.7

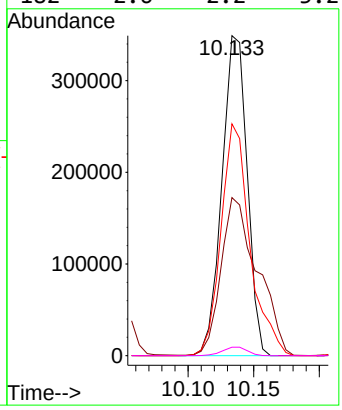




#57
2,4-Dinitrotoluene
Concen: 78.915 ng
RT: 10.133 min Scan# 1
Delta R.T. 0.005 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:165 Resp: 46754

Ion	Ratio	Lower	Upper
165	100		
63	49.4	38.8	58.2
89	72.5	57.1	85.7
182	2.6	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
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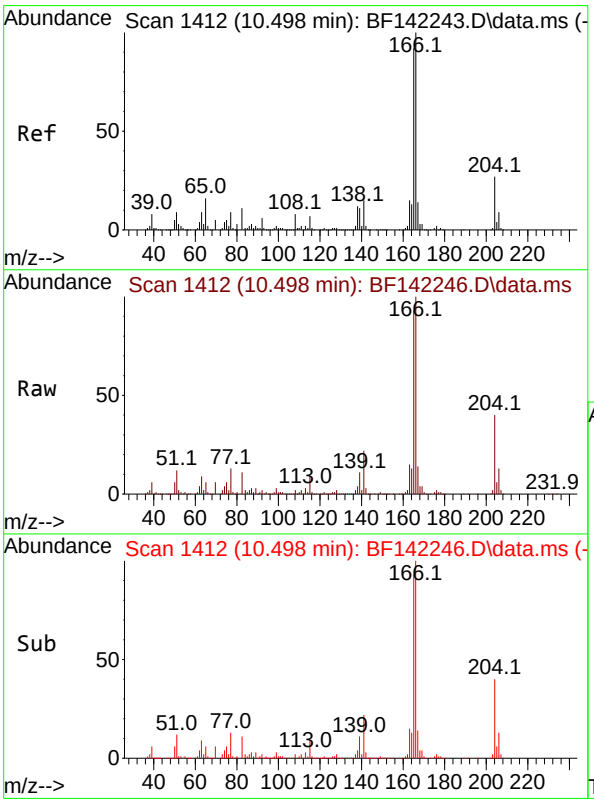
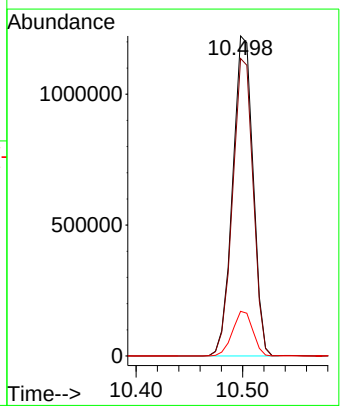
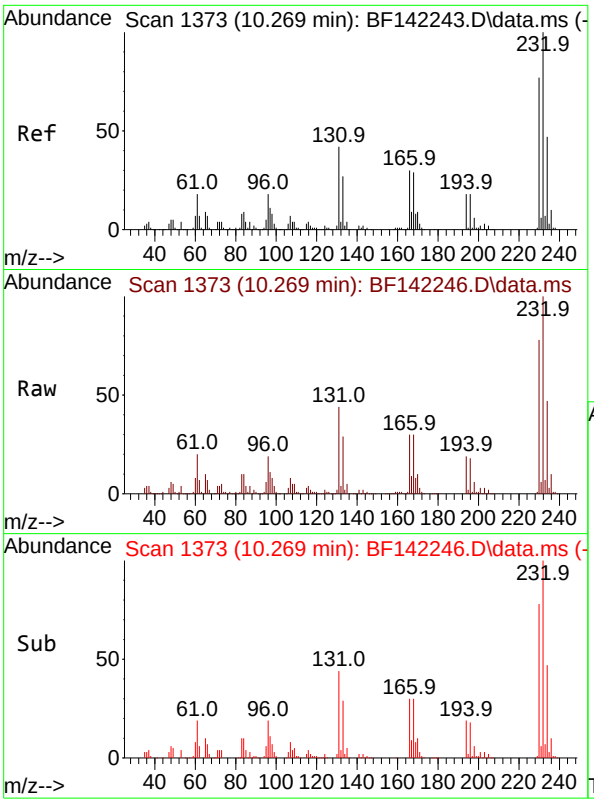


#58
Fluorene
Concen: 65.980 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:166 Resp: 1634486

Ion	Ratio	Lower	Upper
166	100		
165	93.0	73.9	110.9
167	13.9	10.8	16.2

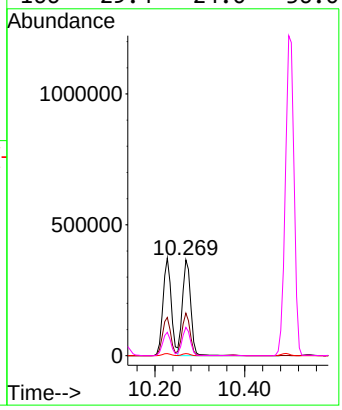




#59
2,3,4,6-Tetrachlorophenol
Concen: 80.286 ng
RT: 10.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:232 Resp: 46505

Ion	Ratio	Lower	Upper
232	100		
131	44.0	35.9	53.9
130	2.2	1.8	2.6
166	29.4	24.0	36.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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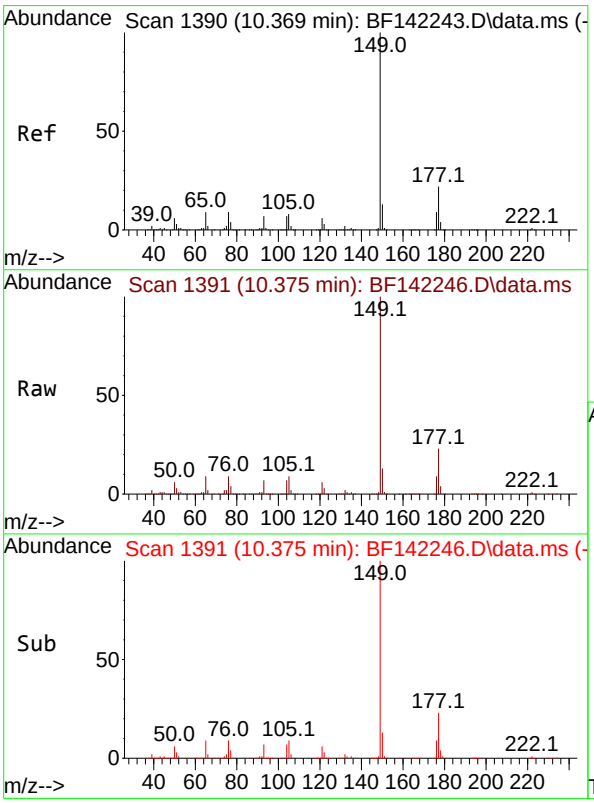
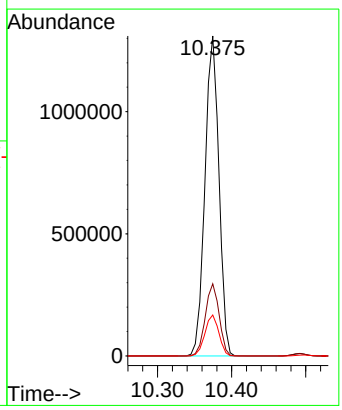
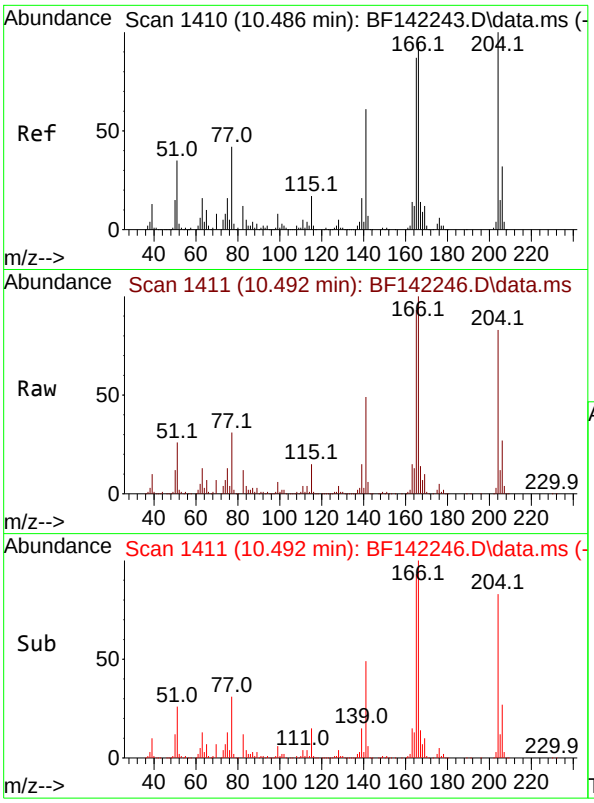


#60
Diethylphthalate
Concen: 71.292 ng
RT: 10.375 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:149 Resp: 1717661

Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.6	26.4
150	12.8	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 68.190 ng
RT: 10.492 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:204 Resp: 80222

Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.6	38.4
141	58.7	48.9	73.3

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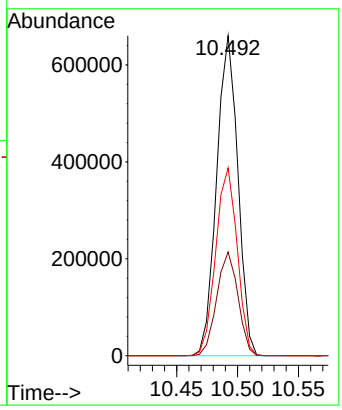
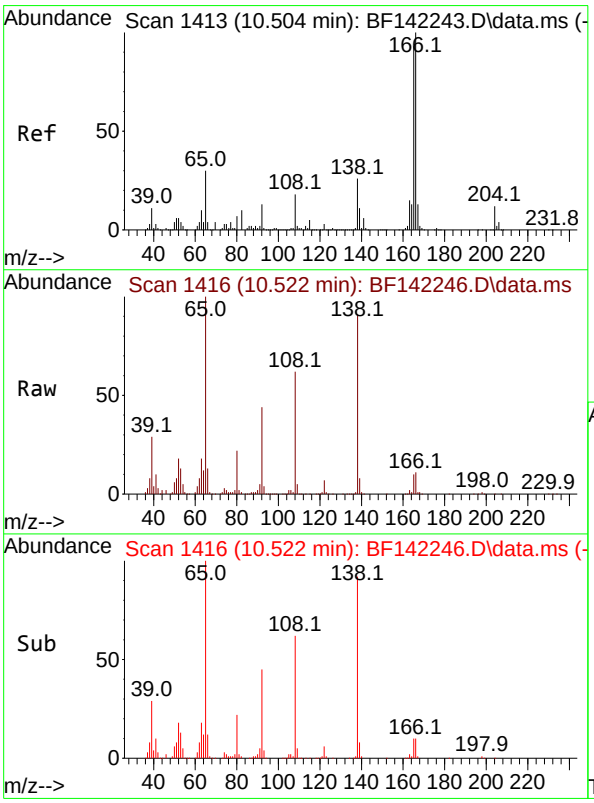
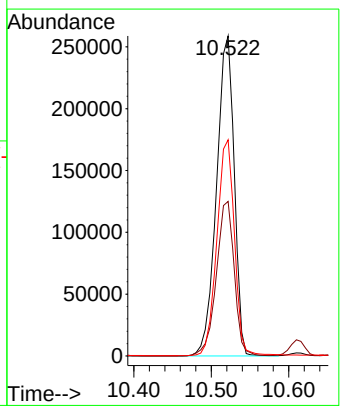


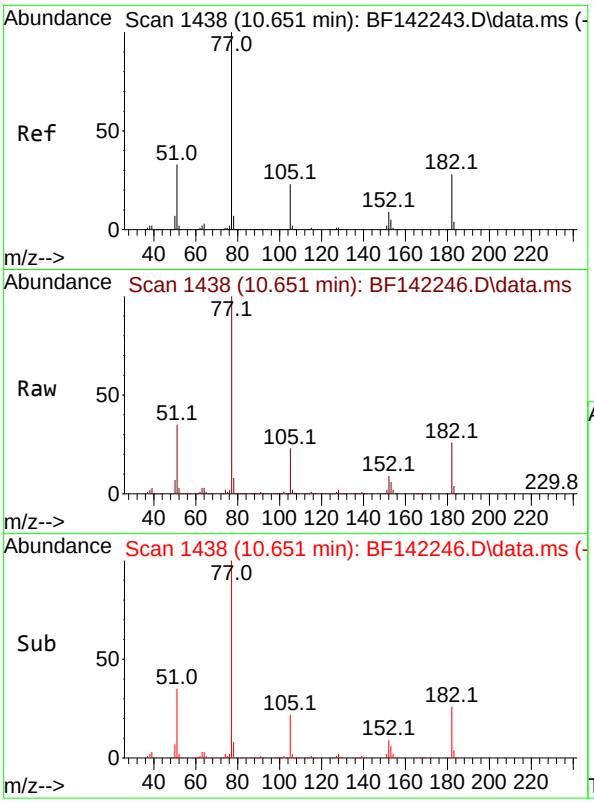


#62
4-Nitroaniline
Concen: 77.614 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.018 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:138 Resp: 410928

Ion	Ratio	Lower	Upper
138	100		
92	48.3	29.2	69.2
108	67.6	49.1	89.1

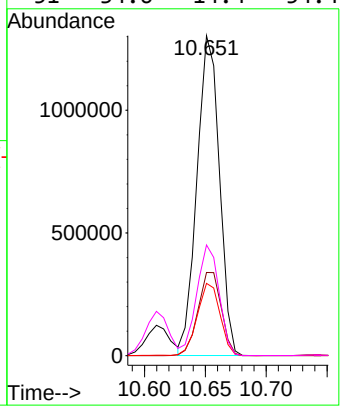




#63
Azobenzene
Concen: 70.379 ng
RT: 10.651 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion: 77 Resp: 167443

Ion	Ratio	Lower	Upper
77	100		
182	26.0	7.3	47.3
105	22.6	2.5	42.5
51	34.6	14.4	54.4



Instrument :
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ClientSampleId :
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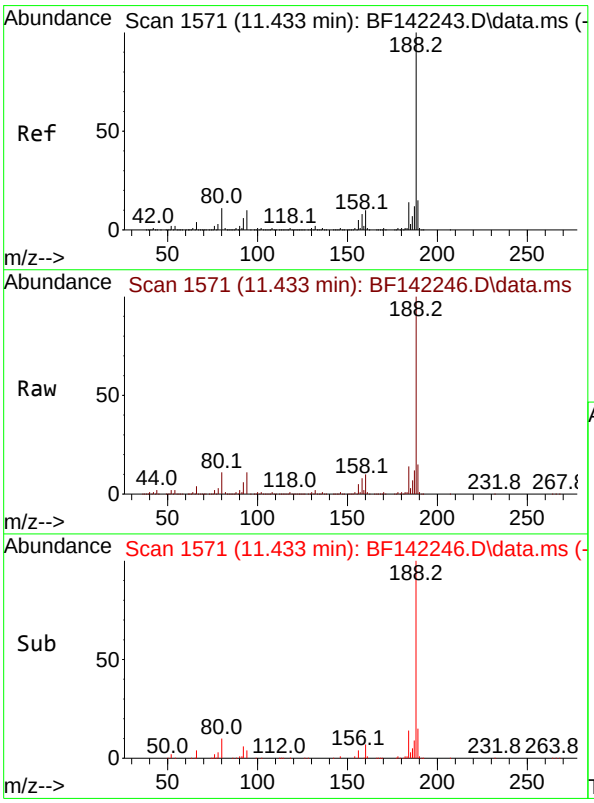
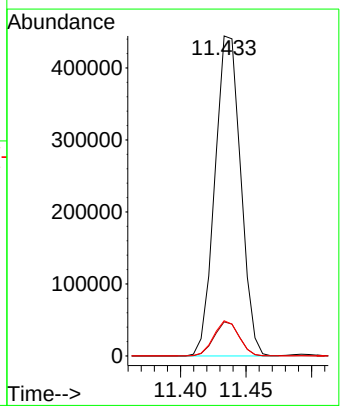
Supervised By :Jagrut Upadhyay 05/01/2025

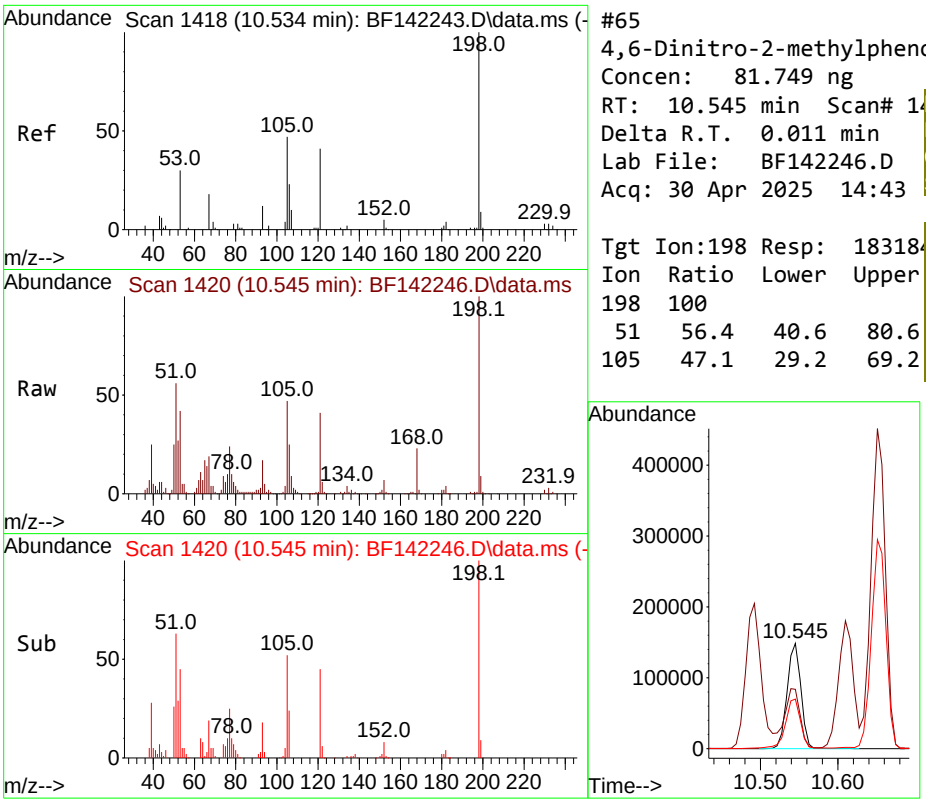


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:188 Resp: 608907

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.2	12.2
80	11.0	8.6	12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 81.749 ng
RT: 10.545 min Scan# 14
Delta R.T. 0.011 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:198 Resp: 18318

Ion	Ratio	Lower	Upper
198	100		
51	56.4	40.6	80.6
105	47.1	29.2	69.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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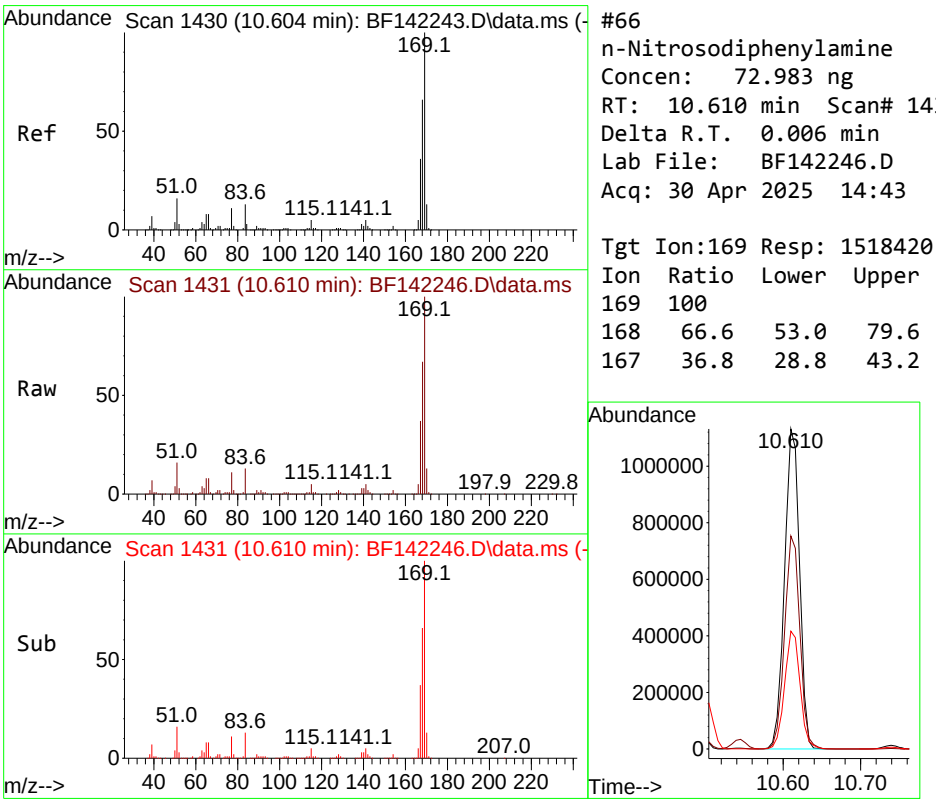
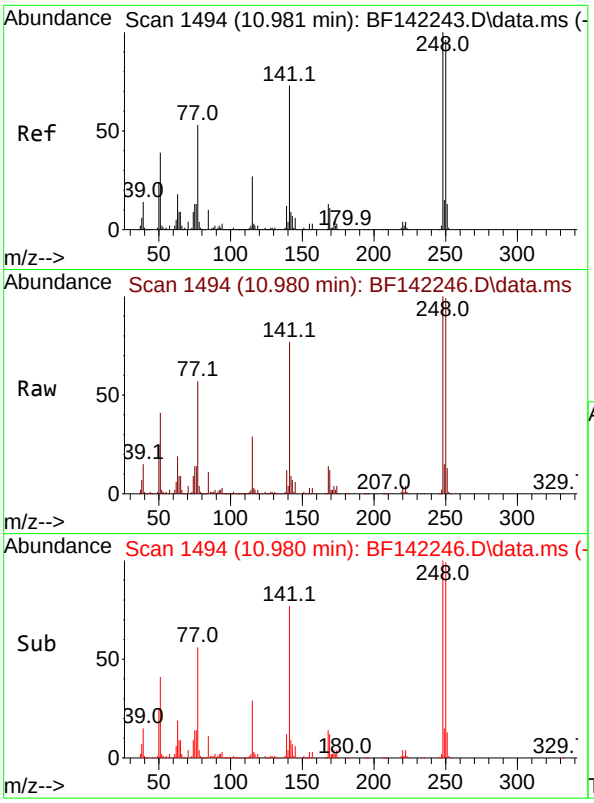


#66
n-Nitrosodiphenylamine
Concen: 72.983 ng
RT: 10.610 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:169 Resp: 1518420

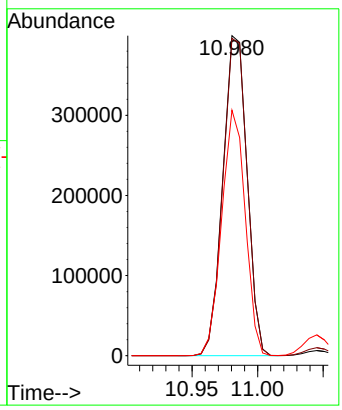
Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.0	79.6
167	36.8	28.8	43.2



#67
4-Bromophenyl-phenylether
Concen: 75.866 ng
RT: 10.980 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:248 Resp: 51446

Ion	Ratio	Lower	Upper
248	100		
250	99.1	77.2	115.8
141	76.7	58.4	87.6



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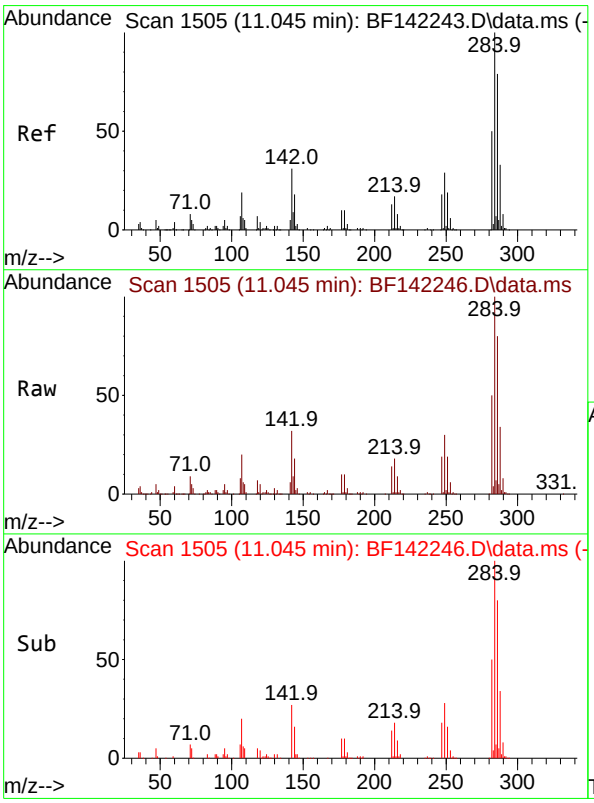
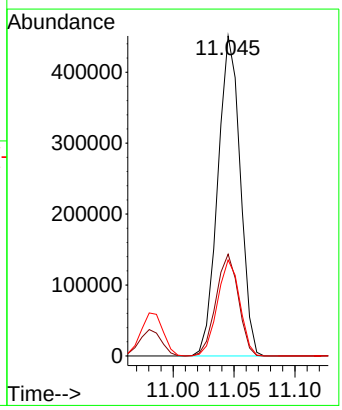
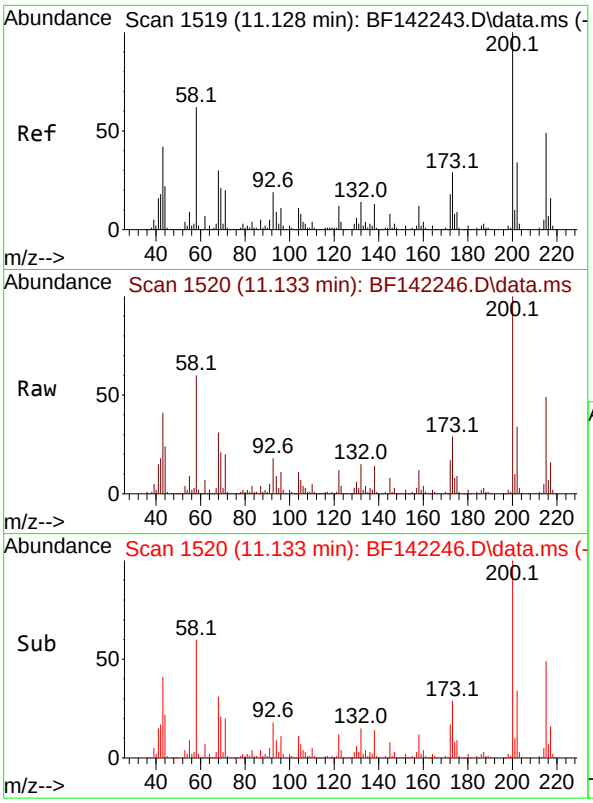


#68
Hexachlorobenzene
Concen: 75.999 ng
RT: 11.045 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:284 Resp: 577203

Ion	Ratio	Lower	Upper
284	100		
142	31.8	24.6	37.0
249	30.0	23.2	34.8

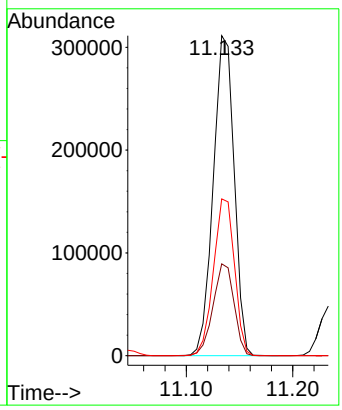




#69
Atrazine
Concen: 77.296 ng
RT: 11.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:200 Resp: 42388

Ion	Ratio	Lower	Upper
200	100		
173	28.7	8.6	48.6
215	49.0	28.5	68.5



Instrument :
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ClientSampleId :
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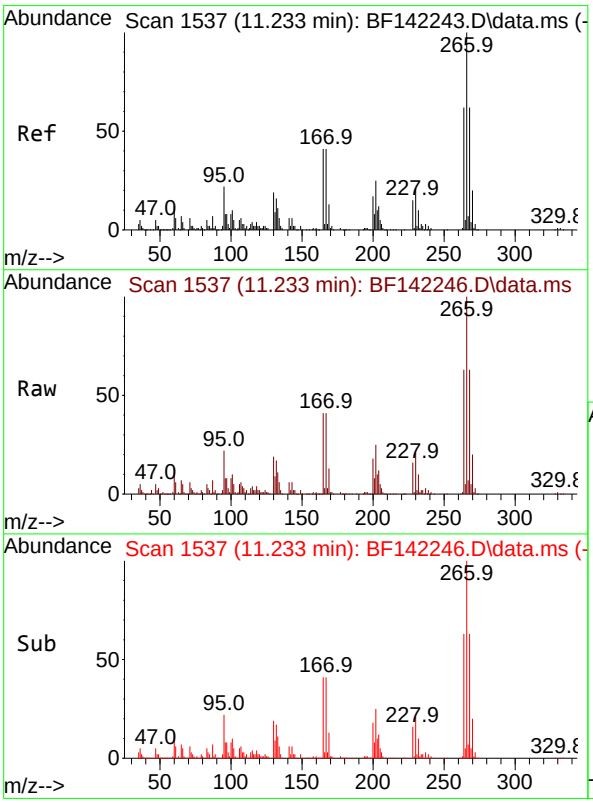
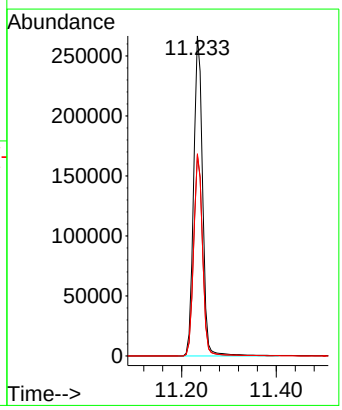
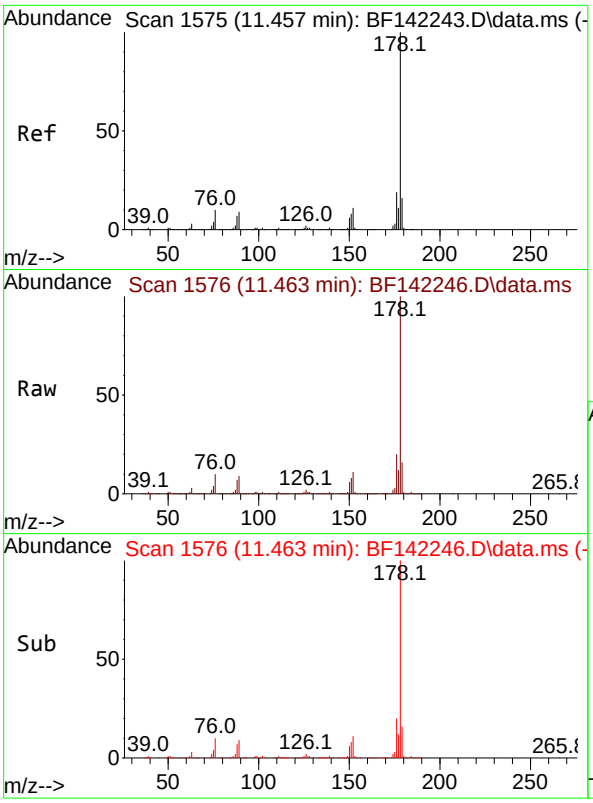


#70
Pentachlorophenol
Concen: 87.235 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:266 Resp: 350009

Ion	Ratio	Lower	Upper
266	100		
268	62.7	50.0	75.0
264	63.2	49.3	73.9

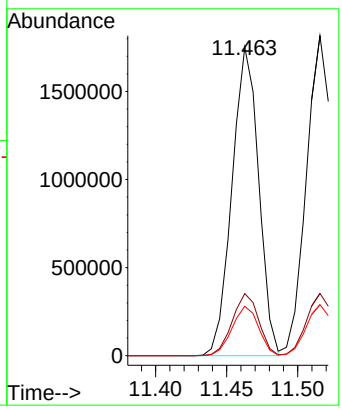




#71
Phenanthrene
Concen: 69.578 ng
RT: 11.463 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:178 Resp: 228848

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.5	23.3
179	16.1	12.6	19.0



Instrument :
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ClientSampleId :
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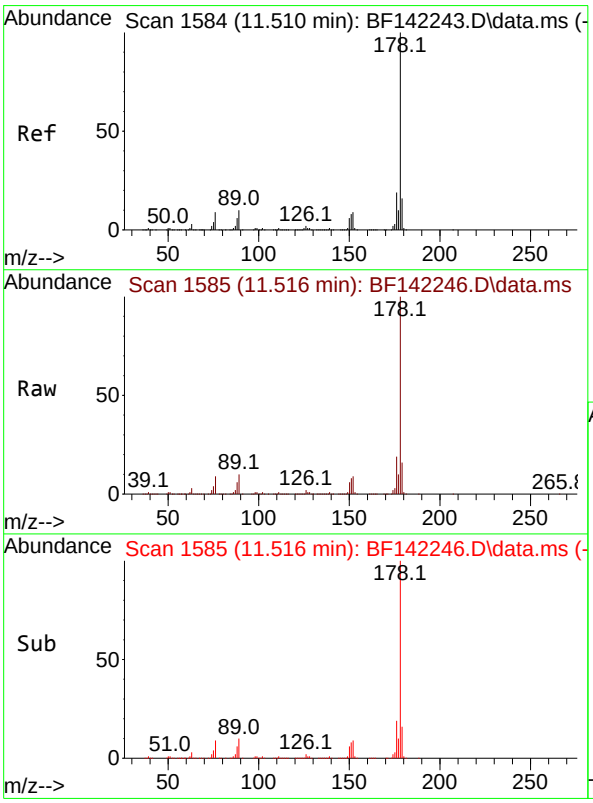
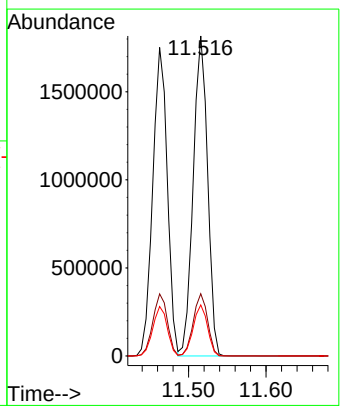
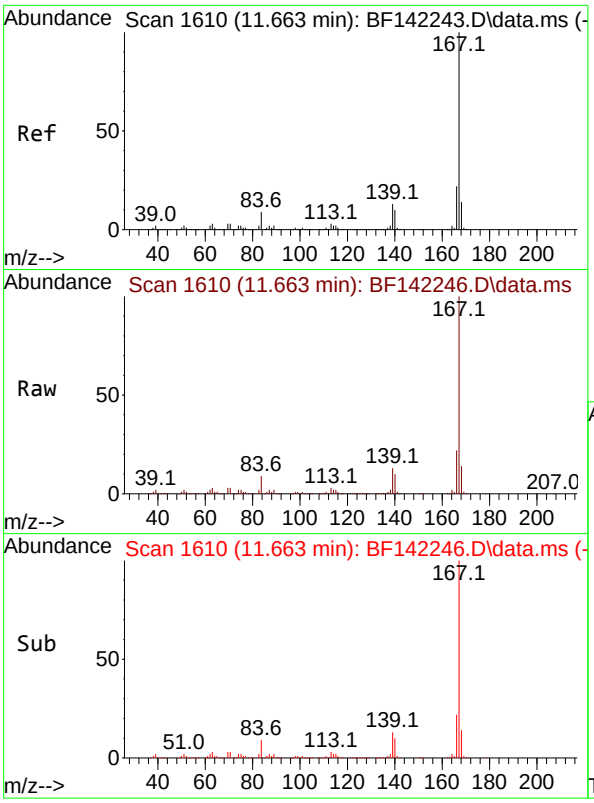


#72
Anthracene
Concen: 69.482 ng
RT: 11.516 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:178 Resp: 2336551

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.9	12.7	19.1

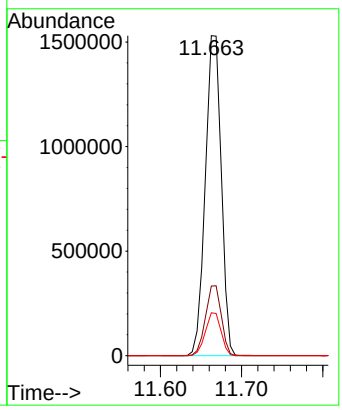




#73
Carbazole
Concen: 68.058 ng
RT: 11.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:167 Resp: 208776

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.3	25.9
139	13.4	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
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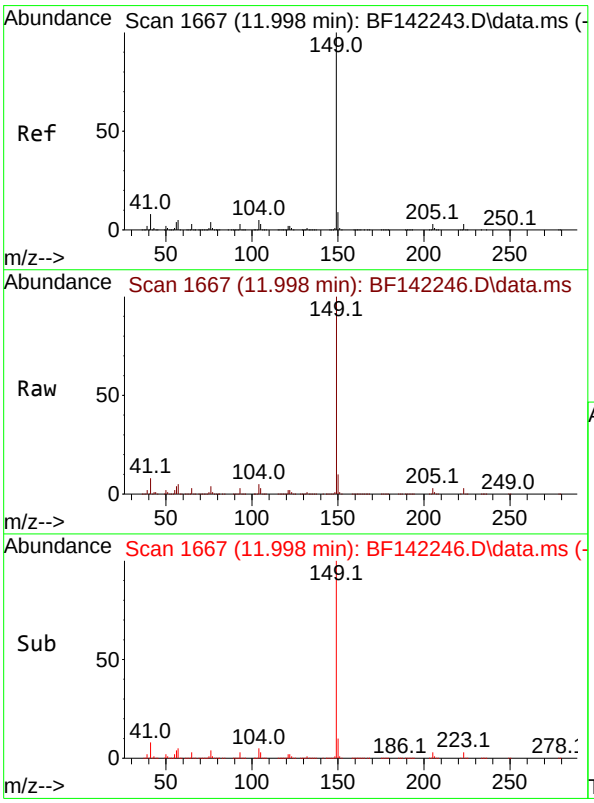
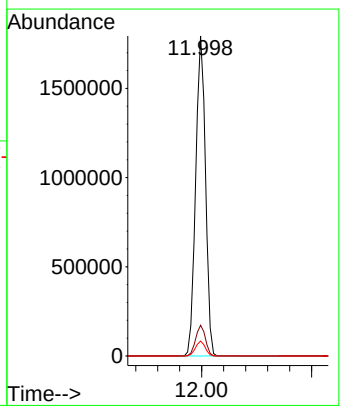
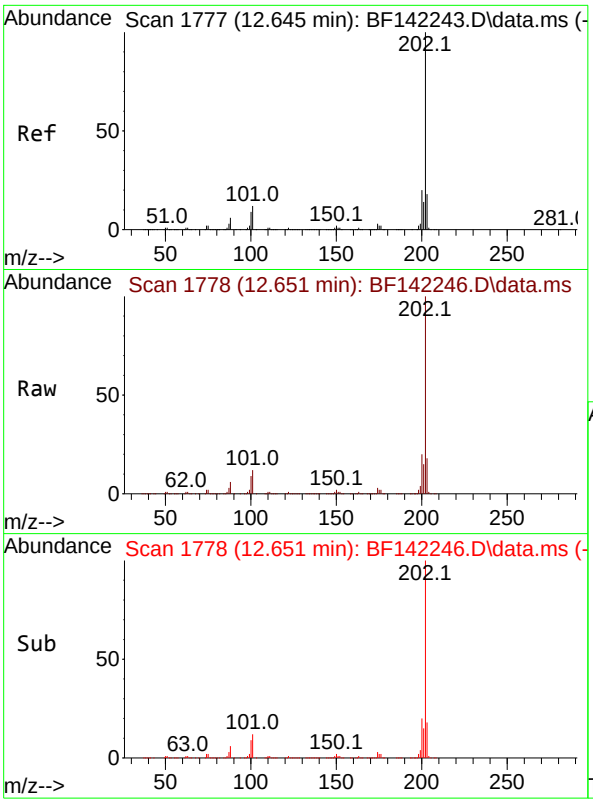


#74
Di-n-butylphthalate
Concen: 72.002 ng
RT: 11.998 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:149 Resp: 2221417

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.5	11.3
104	4.6	3.6	5.4

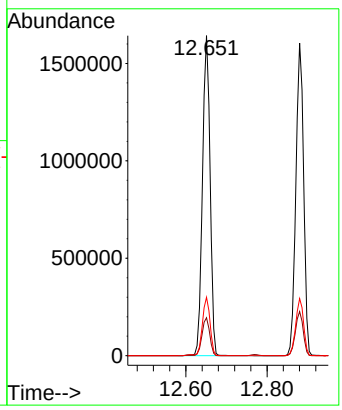




#75
Fluoranthene
Concen: 65.747 ng
RT: 12.651 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:202 Resp: 213763

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.4
203	18.2	0.0	37.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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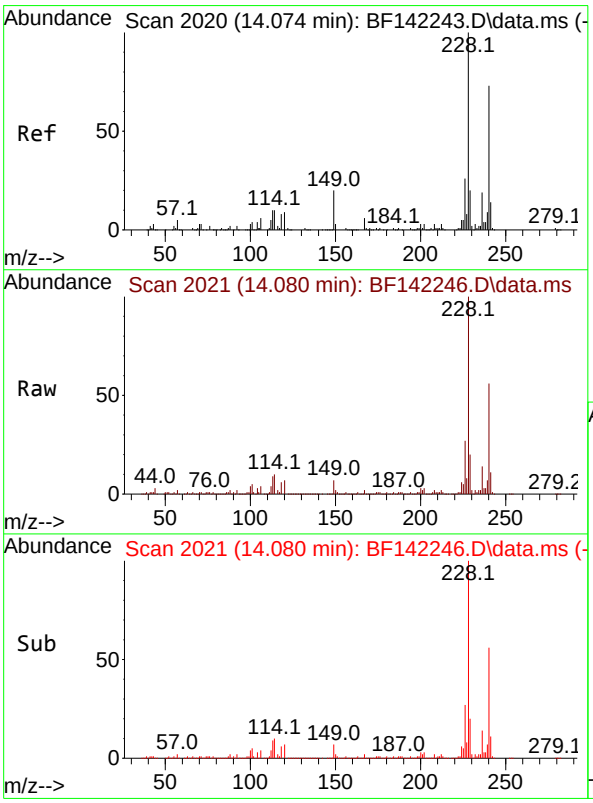
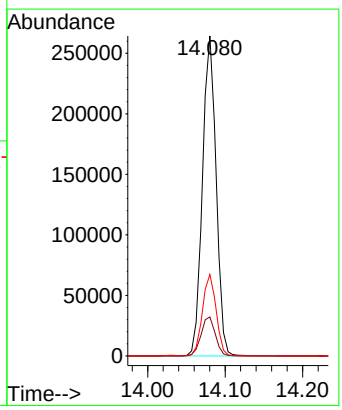
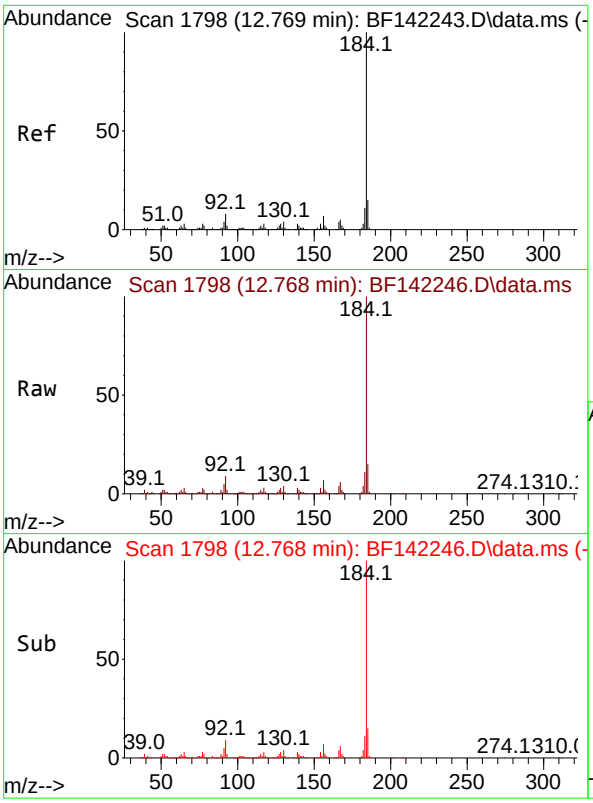


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:240 Resp: 323925

Ion	Ratio	Lower	Upper
240	100		
120	12.2	10.1	15.1
236	25.4	20.5	30.7

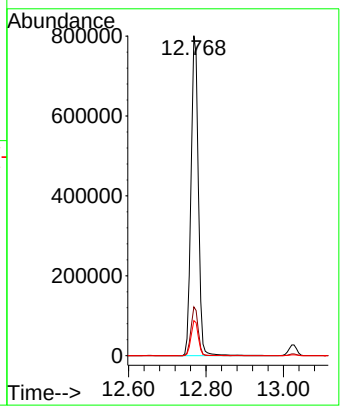




#77
Benzidine
Concen: 76.247 ng
RT: 12.768 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:184 Resp: 104946

Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.8	17.6
183	11.0	8.9	13.3



Instrument :
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ClientSampleId :
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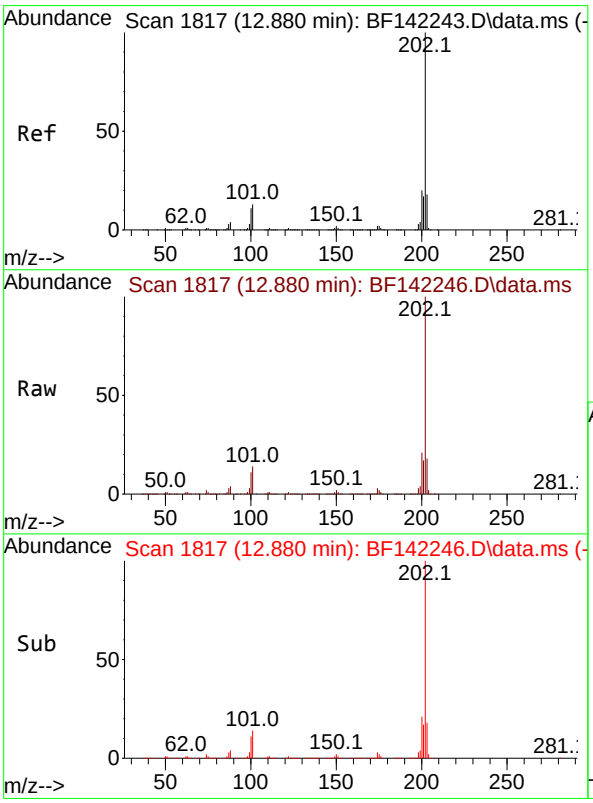
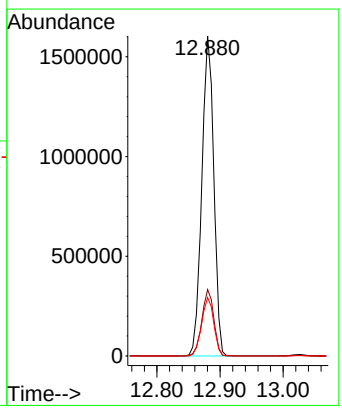
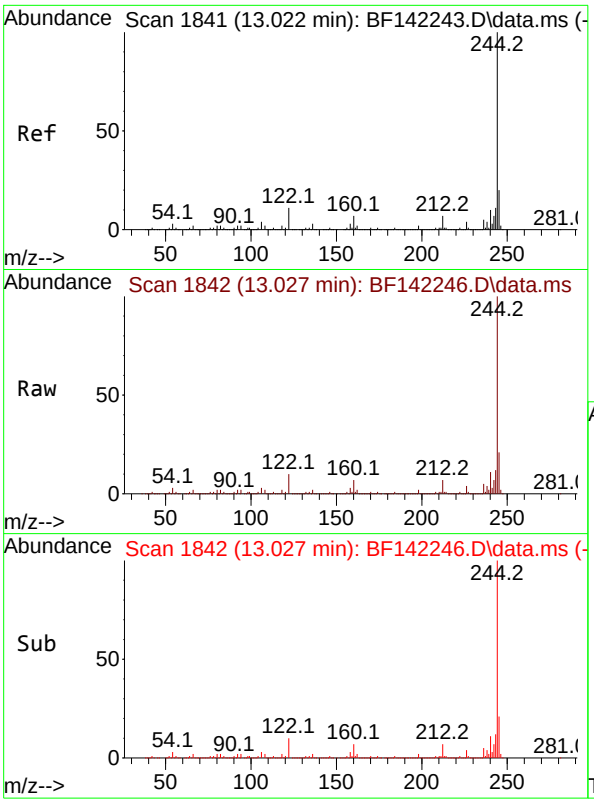


#78
Pyrene
Concen: 70.910 ng
RT: 12.880 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:202 Resp: 2118847

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.1	24.1
203	18.3	14.1	21.1

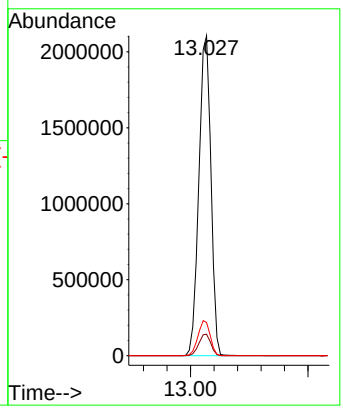




#79
Terphenyl-d14
Concen: 134.413 ng
RT: 13.027 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:244 Resp: 299363

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.3	7.9
122	10.4	9.1	13.7



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ClientSampleId :
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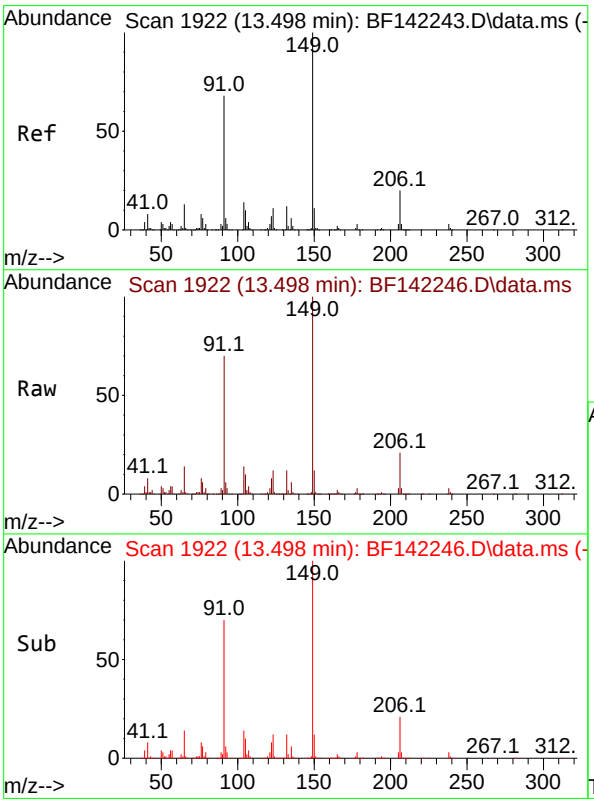
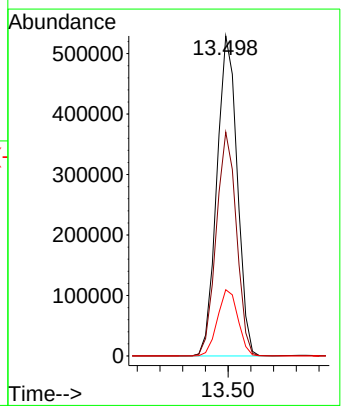
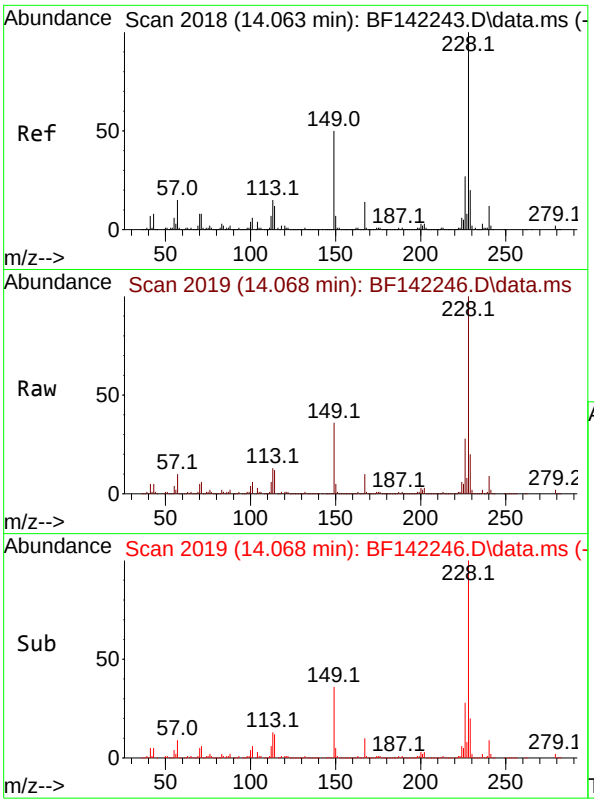


#80
Butylbenzylphthalate
Concen: 78.197 ng
RT: 13.498 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:149 Resp: 659574

Ion	Ratio	Lower	Upper
149	100		
91	70.0	54.4	81.6
206	20.7	15.9	23.9

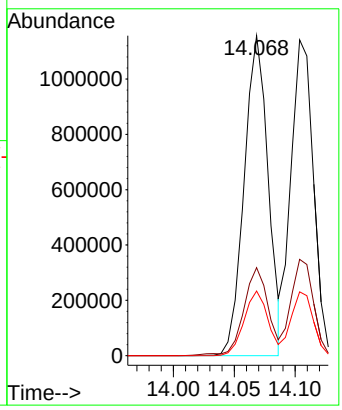




#81
Benzo(a)anthracene
Concen: 72.970 ng
RT: 14.068 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:228 Resp: 158677

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.9	32.9
229	20.2	16.0	24.0



Instrument :
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ClientSampleId :
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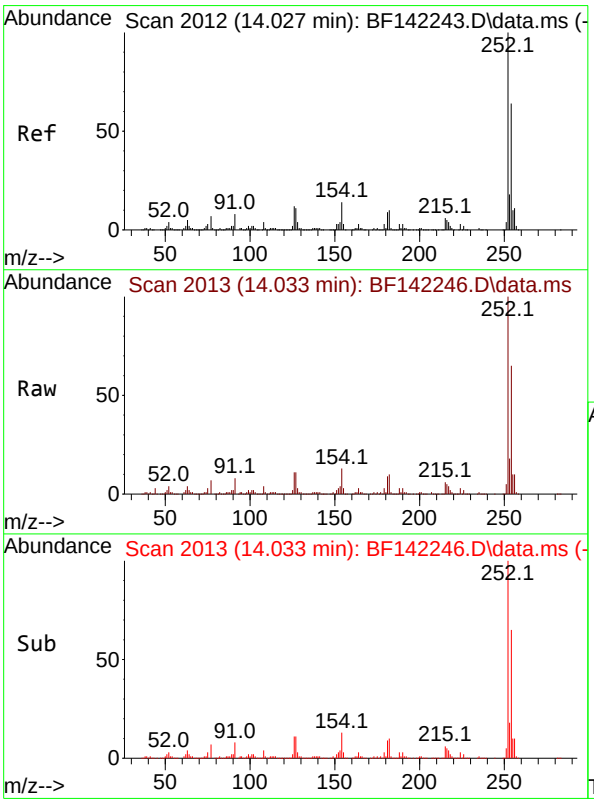
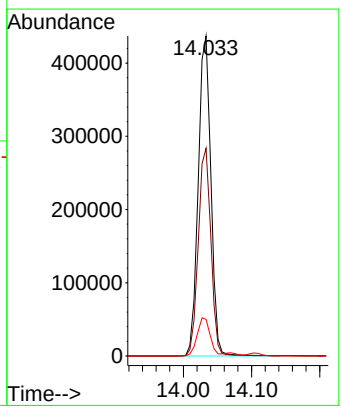
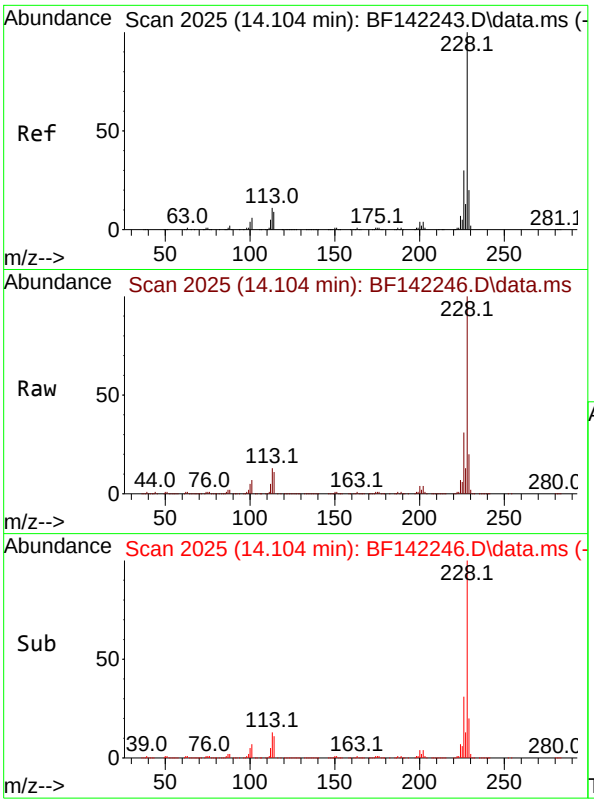


#82
3,3'-Dichlorobenzidine
Concen: 88.259 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:252 Resp: 563738

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.0	76.6
126	11.5	9.4	14.2

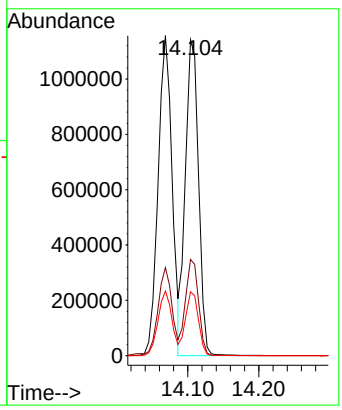




#83
Chrysene
Concen: 74.470 ng
RT: 14.104 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:228 Resp: 147409

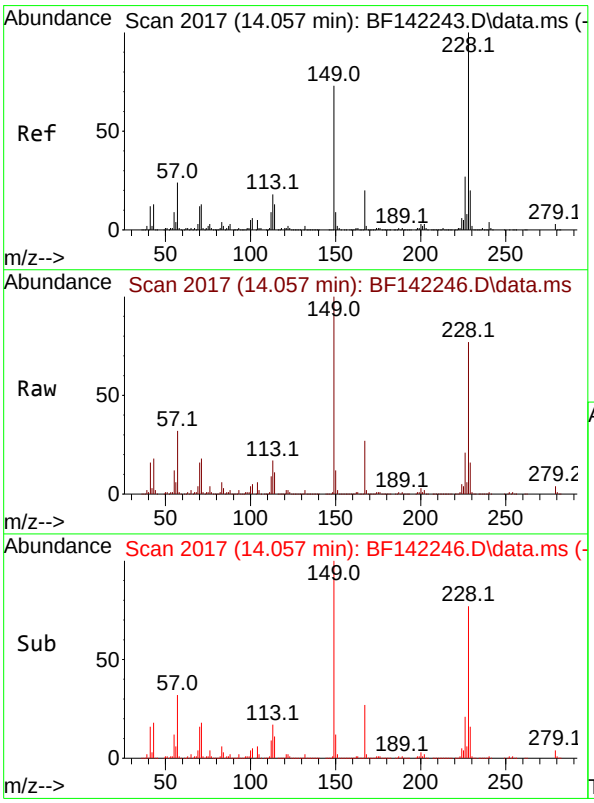
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	20.2	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

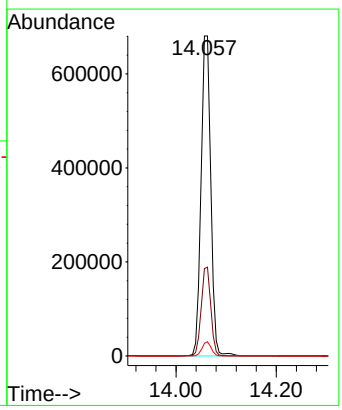
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

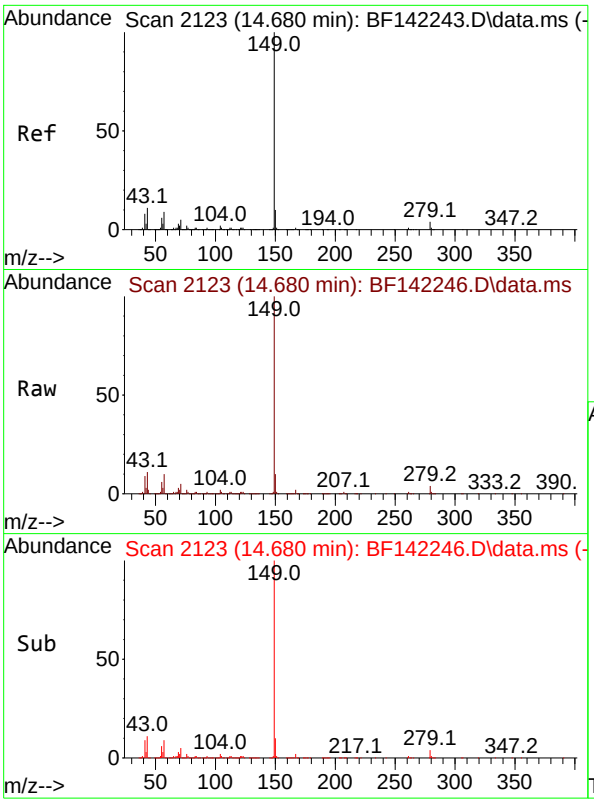


#84
Bis(2-ethylhexyl)phthalate
Concen: 78.547 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:149 Resp: 915684

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.7	32.5
279	3.9	3.0	4.4

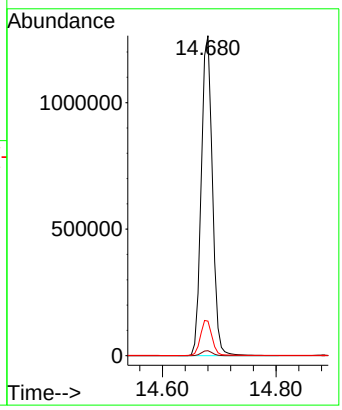




#85
Di-n-octyl phthalate
Concen: 78.594 ng
RT: 14.680 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:149 Resp: 172221

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.4	9.3	13.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
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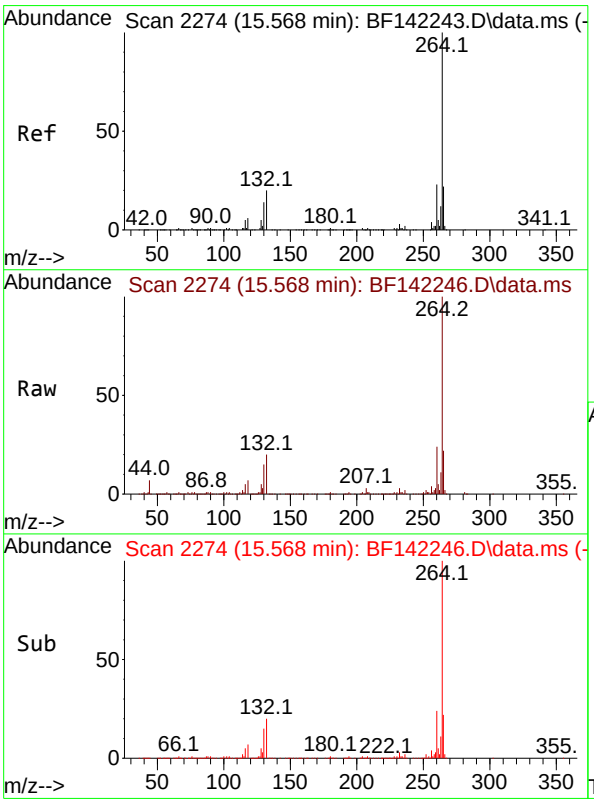
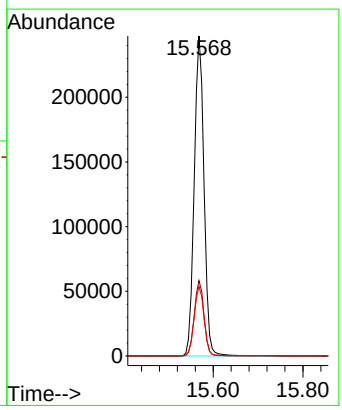
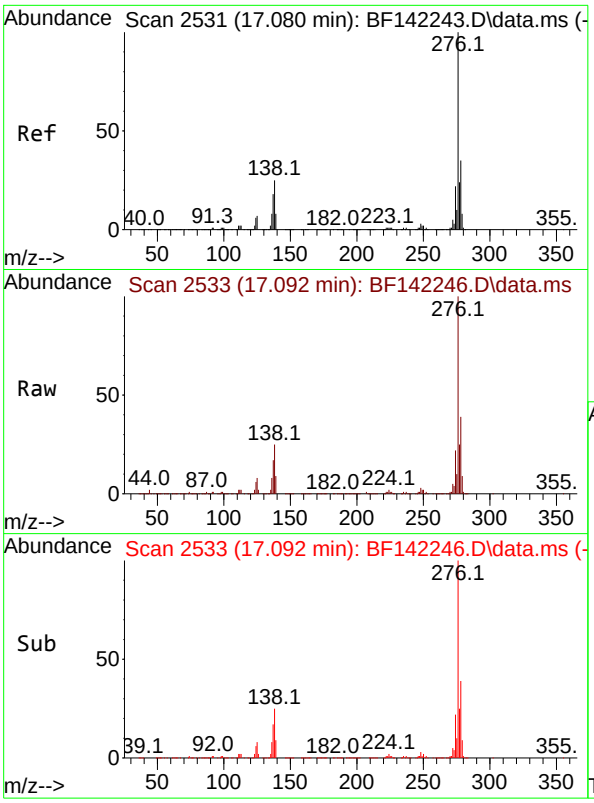


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:264 Resp: 374102

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	21.8	17.3	25.9

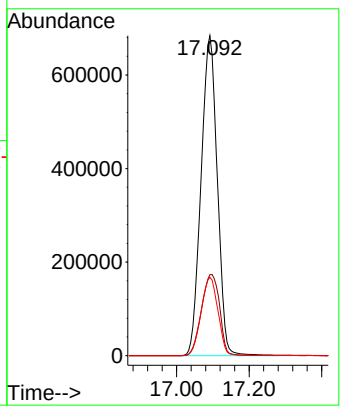




#87
Indeno(1,2,3-cd)pyrene
Concen: 77.677 ng
RT: 17.092 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:276 Resp: 212847

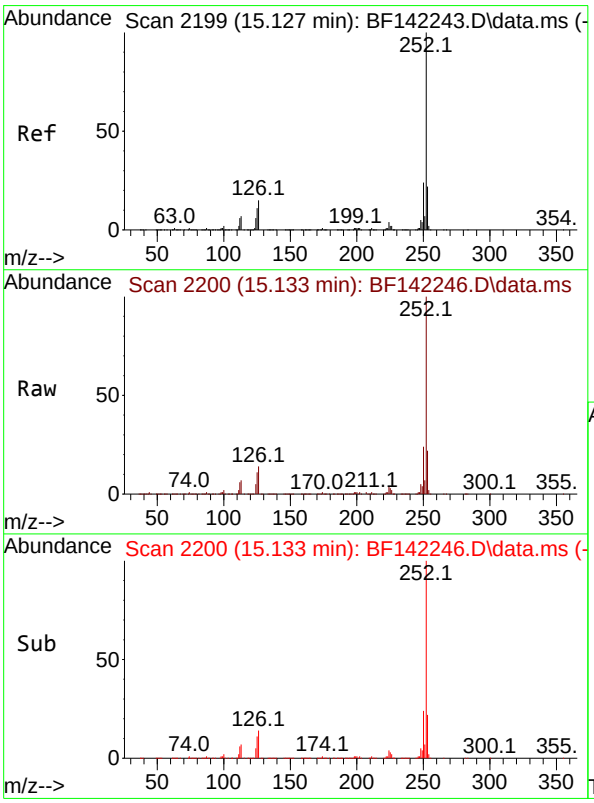
Ion	Ratio	Lower	Upper
276	100		
138	28.4	22.6	33.8
277	25.4	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

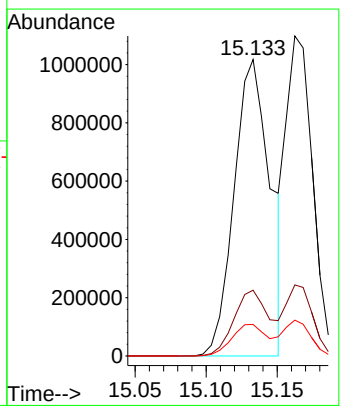
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

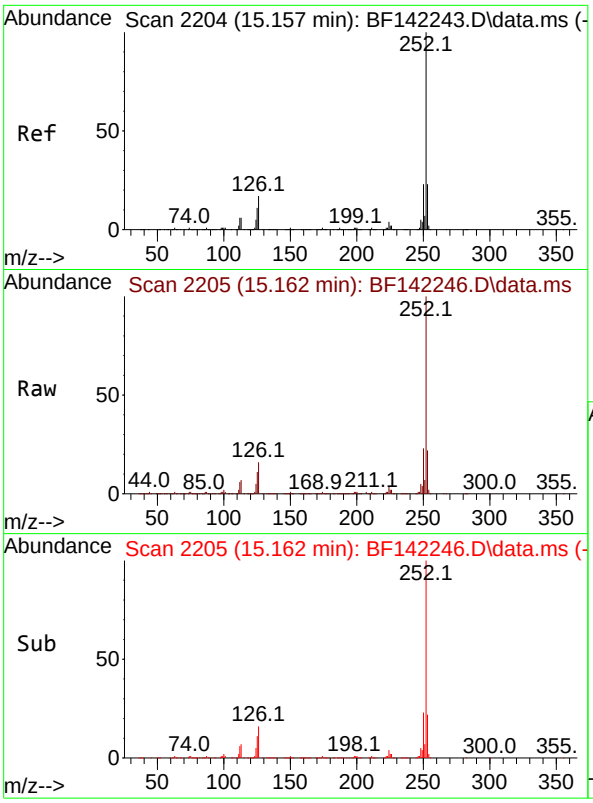


#88
Benzo(b)fluoranthene
Concen: 77.378 ng
RT: 15.133 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:252 Resp: 1798083

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.6	9.0	13.4

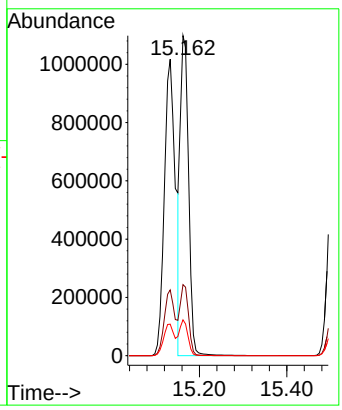




#89
Benzo(k)fluoranthene
Concen: 67.716 ng
RT: 15.162 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:252 Resp: 143930

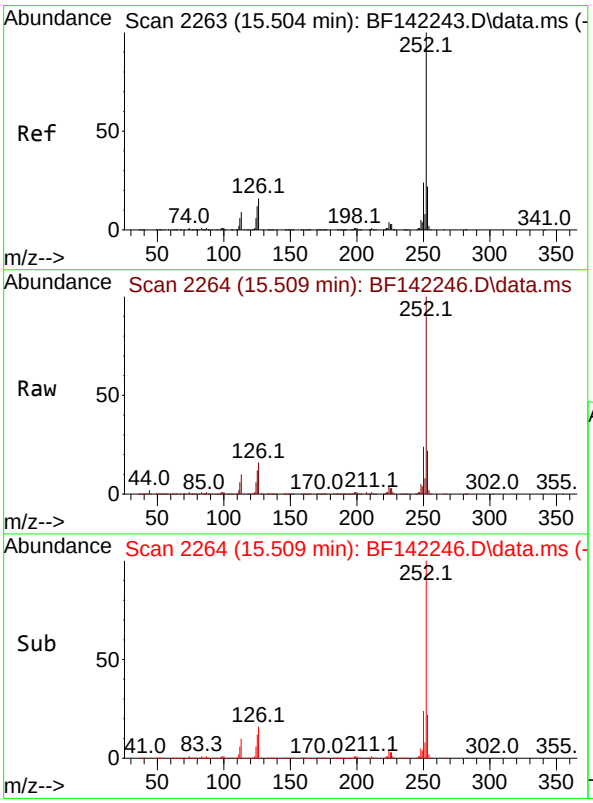
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	11.2	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

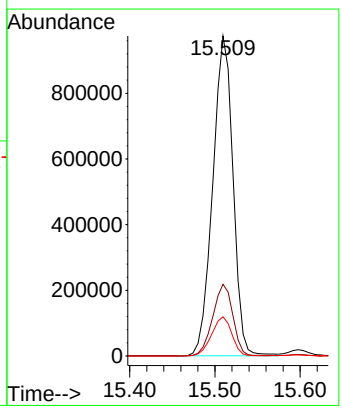
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

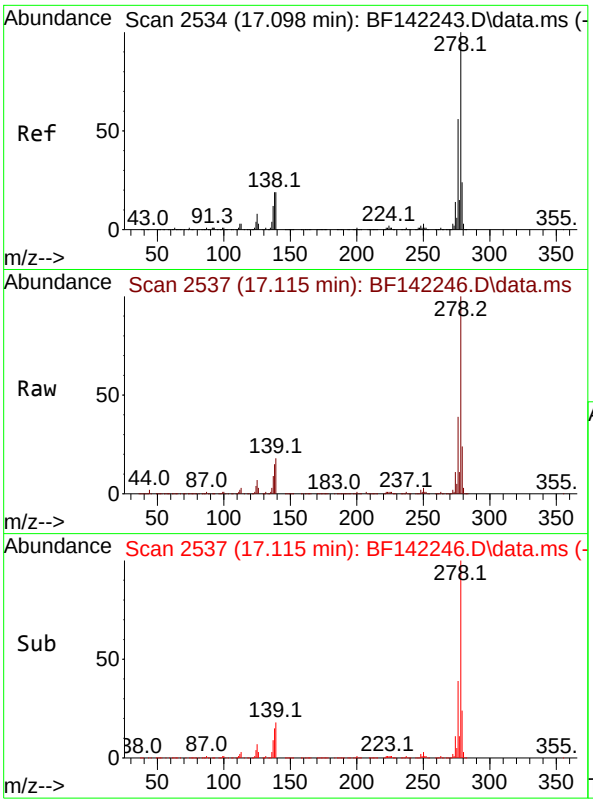


#90
Benzo(a)pyrene
Concen: 75.685 ng
RT: 15.509 min Scan# 2264
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:252 Resp: 1610193

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	12.2	9.5	14.3

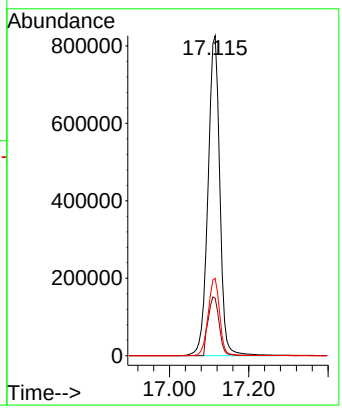




#91
Dibenzo(a,h)anthracene
Concen: 76.989 ng
RT: 17.115 min Scan# 2
Delta R.T. 0.017 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:278 Resp: 171218

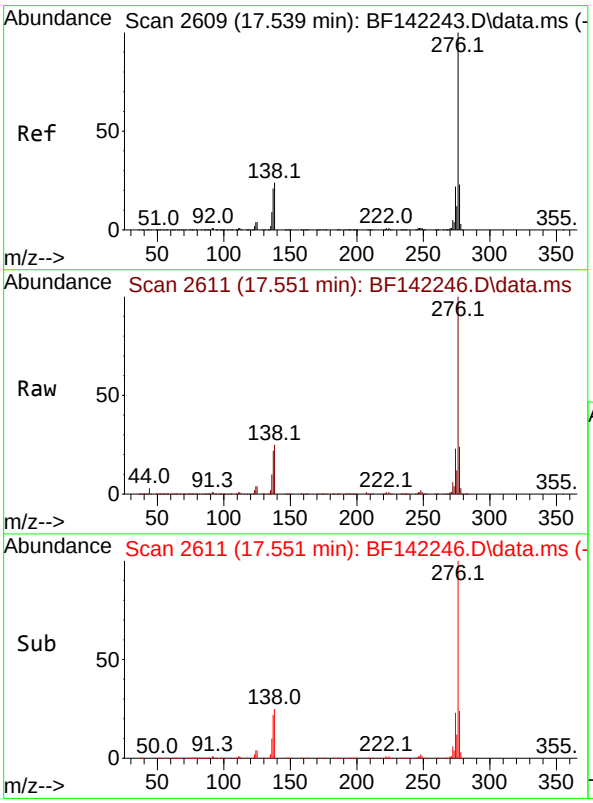
Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.2	22.8
279	24.1	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

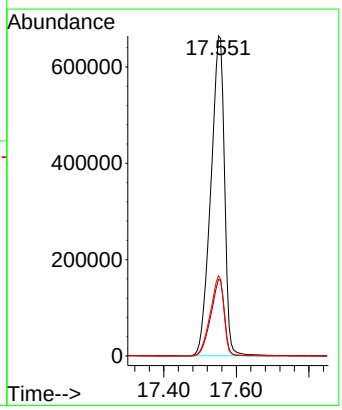
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#92
Benzo(g,h,i)perylene
Concen: 77.757 ng
RT: 17.551 min Scan# 2611
Delta R.T. 0.012 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:276 Resp: 1738450

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.7	28.1
138	25.1	19.4	29.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142247.D
Acq On : 30 Apr 2025 16:17
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF043025

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 16:36:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	185327	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	725482	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	381170	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	633040	20.000	ng	0.00
76) Chrysene-d12	14.074	240	345729	20.000	ng	0.00
86) Perylene-d12	15.562	264	342826	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	987704	85.116	ng	0.00
7) Phenol-d6	6.522	99	1201328	85.730	ng	0.00
23) Nitrobenzene-d5	7.469	82	1091522	98.845	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	323319	93.044	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2157499	79.807	ng	0.00
79) Terphenyl-d14	13.021	244	2037561	85.716	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	219939	42.438	ng	98
3) Pyridine	3.469	79	572034	42.469	ng	99
4) n-Nitrosodimethylamine	3.416	42	299316	42.942	ng	96
6) Aniline	6.569	93	844910	42.598	ng	99
8) 2-Chlorophenol	6.692	128	530021	44.202	ng	98
9) Benzaldehyde	6.457	77	420408	42.925	ng	99
10) Phenol	6.539	94	645155m	42.765	ng	
11) bis(2-Chloroethyl)ether	6.639	93	494843	42.329	ng	98
12) 1,3-Dichlorobenzene	6.851	146	567280	41.819	ng	99
13) 1,4-Dichlorobenzene	6.928	146	572974	41.924	ng	100
14) 1,2-Dichlorobenzene	7.081	146	551216	42.247	ng	99
15) Benzyl Alcohol	7.045	79	431108	43.378	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	901053	42.684	ng	99
17) 2-Methylphenol	7.151	107	415403	42.288	ng	98
18) Hexachloroethane	7.422	117	197959	44.255	ng	95
19) n-Nitroso-di-n-propyla...	7.322	70	363621	41.992	ng	99
20) 3+4-Methylphenols	7.304	107	539514	43.919	ng	98
22) Acetophenone	7.316	105	695539	41.441	ng	98
24) Nitrobenzene	7.492	77	513604	47.402	ng	99
25) Isophorone	7.728	82	968502	41.789	ng	100
26) 2-Nitrophenol	7.804	139	219881	48.175	ng	100
27) 2,4-Dimethylphenol	7.833	122	502502	43.004	ng	100
28) bis(2-Chloroethoxy)met...	7.939	93	610669	41.780	ng	99
29) 2,4-Dichlorophenol	8.039	162	429967	44.013	ng	99
30) 1,2,4-Trichlorobenzene	8.133	180	454848	41.724	ng	100
31) Naphthalene	8.216	128	1483568	41.005	ng	100
32) Benzoic acid	7.933	122	246172m	45.113	ng	
33) 4-Chloroaniline	8.257	127	622894	41.344	ng	100
34) Hexachlorobutadiene	8.333	225	267940	42.127	ng	99
35) Caprolactam	8.622	113	130473	44.434	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	436215	43.485	ng	100
37) 2-Methylnaphthalene	8.904	142	915474	41.155	ng	100
38) 1-Methylnaphthalene	9.004	142	950163	41.232	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	443561	41.349	ng	100
41) Hexachlorocyclopentadiene	9.057	237	288102	47.321	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	303872	45.713	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142247.D
Acq On : 30 Apr 2025 16:17
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 30 16:36:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF043025

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	312237	44.676	ng		99
46) 1,1'-Biphenyl	9.369	154	1213047	40.936	ng		100
47) 2-Chloronaphthalene	9.392	162	903974	41.003	ng		99
48) 2-Nitroaniline	9.480	65	269528	46.523	ng		95
49) Acenaphthylene	9.810	152	1533164	41.211	ng		100
50) Dimethylphthalate	9.669	163	1025498	42.054	ng		100
51) 2,6-Dinitrotoluene	9.727	165	211107	45.376	ng		96
52) Acenaphthene	9.980	154	904325	41.631	ng		99
53) 3-Nitroaniline	9.892	138	257926	45.509	ng		96
54) 2,4-Dinitrophenol	9.992	184	62568	49.090	ng	#	6
55) Dibenzofuran	10.151	168	1340934	41.181	ng		100
56) 4-Nitrophenol	10.033	139	191463	49.952	ng		99
57) 2,4-Dinitrotoluene	10.127	165	265412	46.994	ng		96
58) Fluorene	10.492	166	1008032	40.714	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	264709	45.724	ng		100
60) Diethylphthalate	10.369	149	1016722	42.222	ng		100
61) 4-Chlorophenyl-phenyle...	10.486	204	477688	40.626	ng		99
62) 4-Nitroaniline	10.504	138	232165	45.070	ng		98
63) Azobenzene	10.645	77	984443	41.400	ng		99
65) 4,6-Dinitro-2-methylph...	10.533	198	96341	46.598	ng		95
66) n-Nitrosodiphenylamine	10.604	169	904466	41.816	ng		100
67) 4-Bromophenyl-phenylether	10.980	248	299605	42.497	ng		98
68) Hexachlorobenzene	11.039	284	330048	41.800	ng		97
69) Atrazine	11.127	200	255030	44.732	ng		99
70) Pentachlorophenol	11.233	266	197476	47.342	ng		99
71) Phenanthrene	11.457	178	1400439	40.955	ng		100
72) Anthracene	11.510	178	1463247	41.854	ng		100
73) Carbazole	11.663	167	1332856	41.793	ng		99
74) Di-n-butylphthalate	11.992	149	1412919	44.051	ng		100
75) Fluoranthene	12.645	202	1409189	41.690	ng		99
77) Benzidine	12.768	184	682155	46.435	ng		99
78) Pyrene	12.874	202	1405875	44.082	ng		100
80) Butylbenzylphthalate	13.492	149	371146	42.984	ng		98
81) Benzo(a)anthracene	14.062	228	960484	41.383	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	310153	45.495	ng		98
83) Chrysene	14.098	228	890671	42.158	ng		100
84) Bis(2-ethylhexyl)phtha...	14.057	149	487122	40.882	ng		99
85) Di-n-octyl phthalate	14.674	149	889844	41.178	ng		100
87) Indeno(1,2,3-cd)pyrene	17.074	276	1098774	43.757	ng		99
88) Benzo(b)fluoranthene	15.121	252	860370	40.403	ng		100
89) Benzo(k)fluoranthene	15.157	252	811540	41.665	ng		99
90) Benzo(a)pyrene	15.498	252	826250	42.380	ng		99
91) Dibenzo(a,h)anthracene	17.098	278	887855	43.565	ng		99
92) Benzo(g,h,i)perylene	17.527	276	899474	43.902	ng		99

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

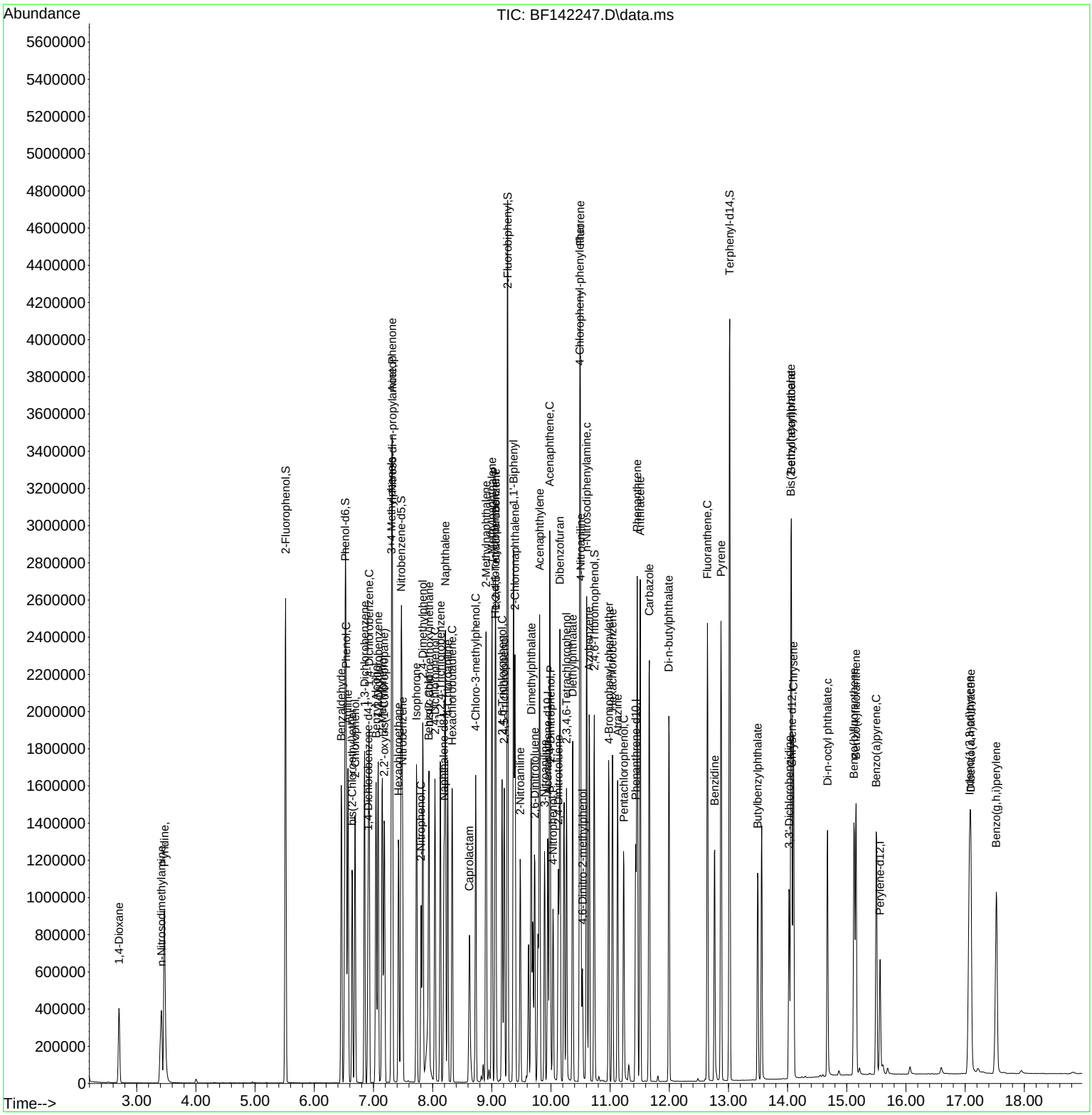
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142247.D
Acq On : 30 Apr 2025 16:17
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

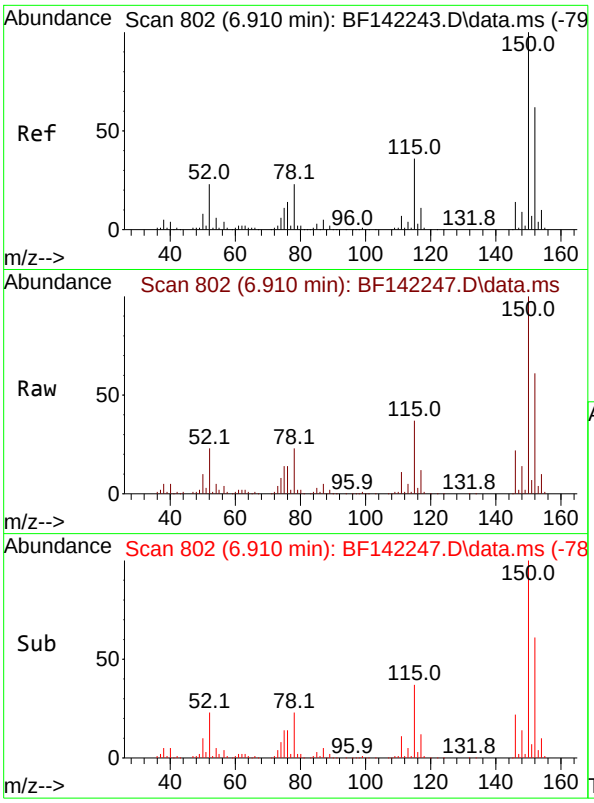
Quant Time: Apr 30 16:36:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF043025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

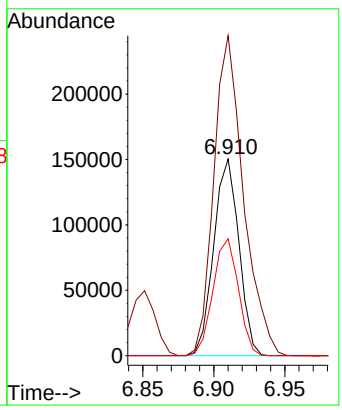




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:152 Resp: 18532

Ion	Ratio	Lower	Upper
152	100		
150	162.7	130.2	195.2
115	59.5	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
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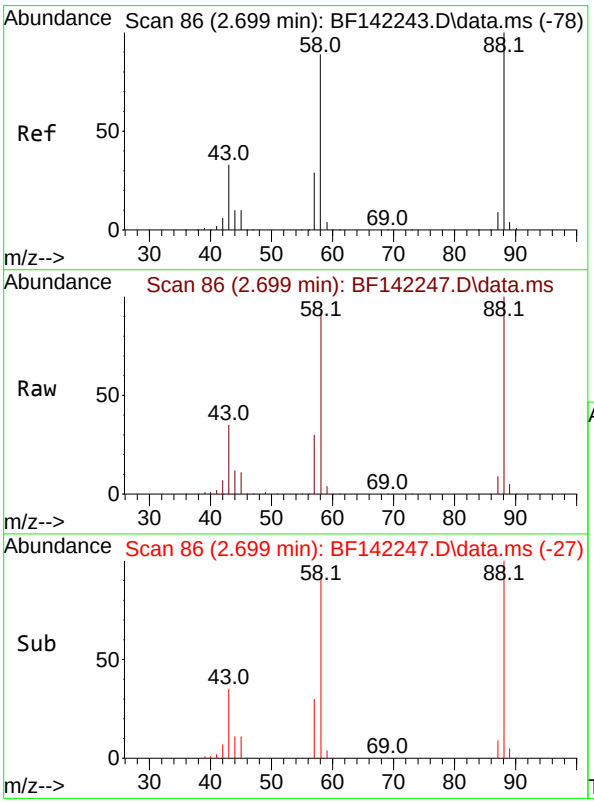
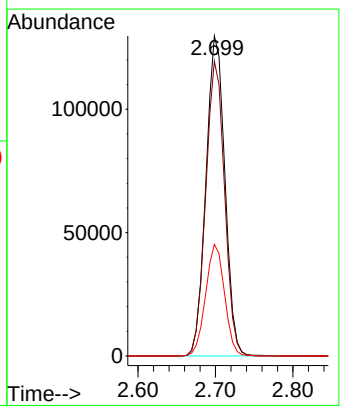
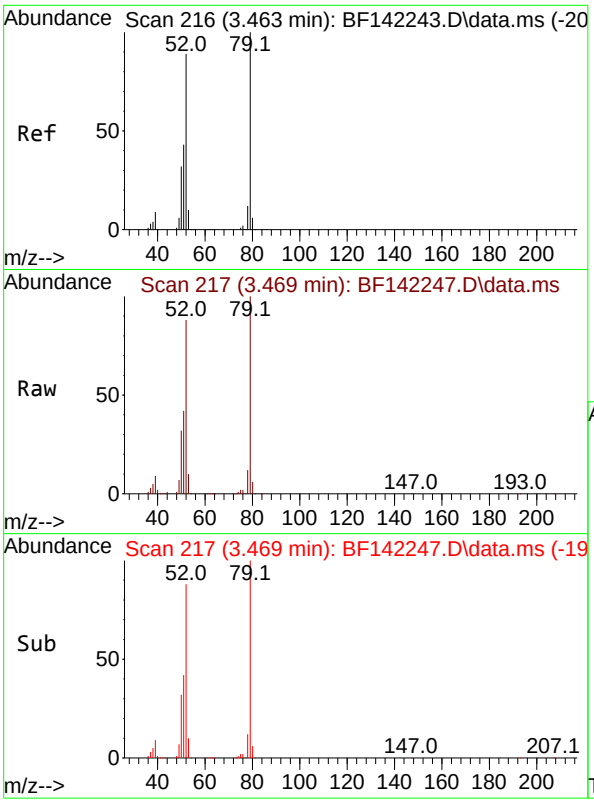


#2
1,4-Dioxane
Concen: 42.438 ng
RT: 2.699 min Scan# 86
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion: 88 Resp: 219939

Ion	Ratio	Lower	Upper
88	100		
58	91.6	72.2	108.2
43	34.8	27.0	40.6

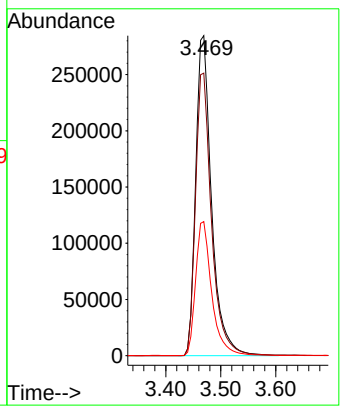




#3
Pyridine
Concen: 42.469 ng
RT: 3.469 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion: 79 Resp: 57203

Ion	Ratio	Lower	Upper
79	100		
52	88.3	71.5	107.3
51	41.9	34.5	51.7



Instrument :
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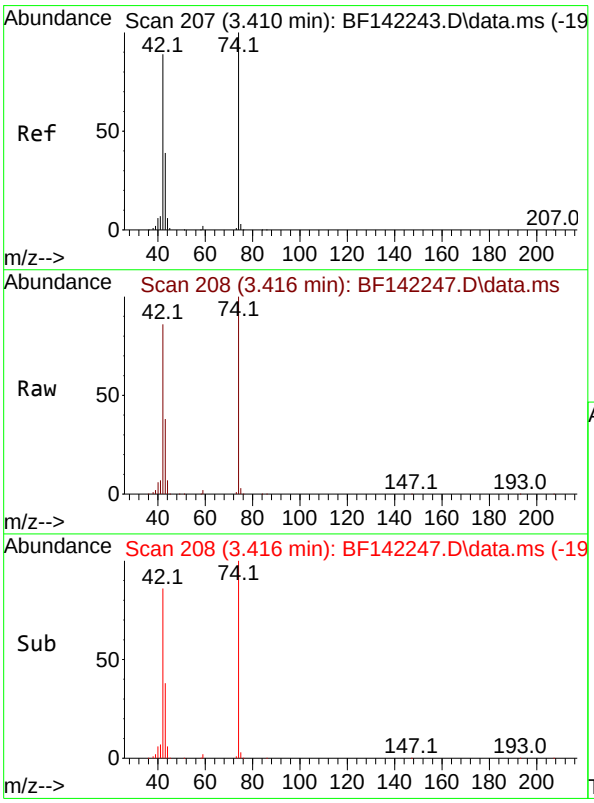
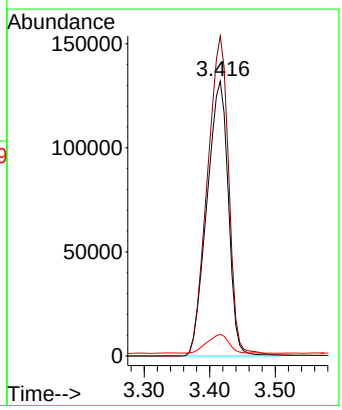
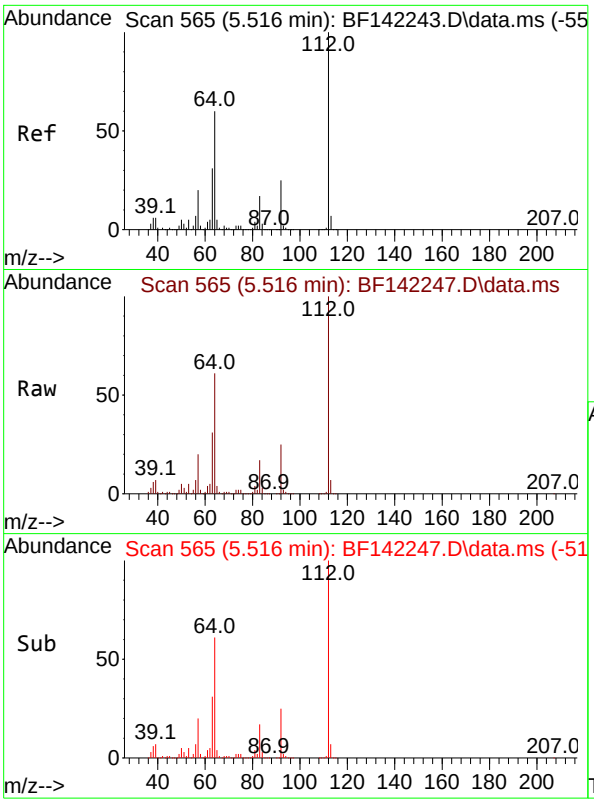


#4
n-Nitrosodimethylamine
Concen: 42.942 ng
RT: 3.416 min Scan# 208
Delta R.T. 0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion: 42 Resp: 299316

Ion	Ratio	Lower	Upper
42	100		
74	116.5	89.5	134.3
44	7.9	6.6	9.8





#5
2-Fluorophenol
Concen: 85.116 ng
RT: 5.516 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:112 Resp: 98770

Ion	Ratio	Lower	Upper
112	100		
64	60.5	48.4	72.6
63	31.2	24.8	37.2

Instrument :
BNA_F
ClientSampleId :
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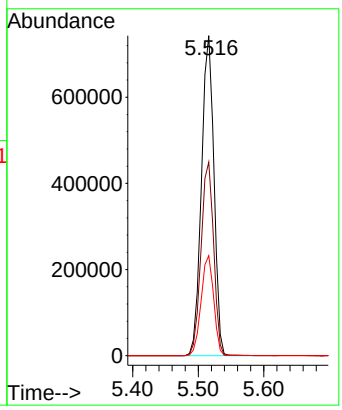
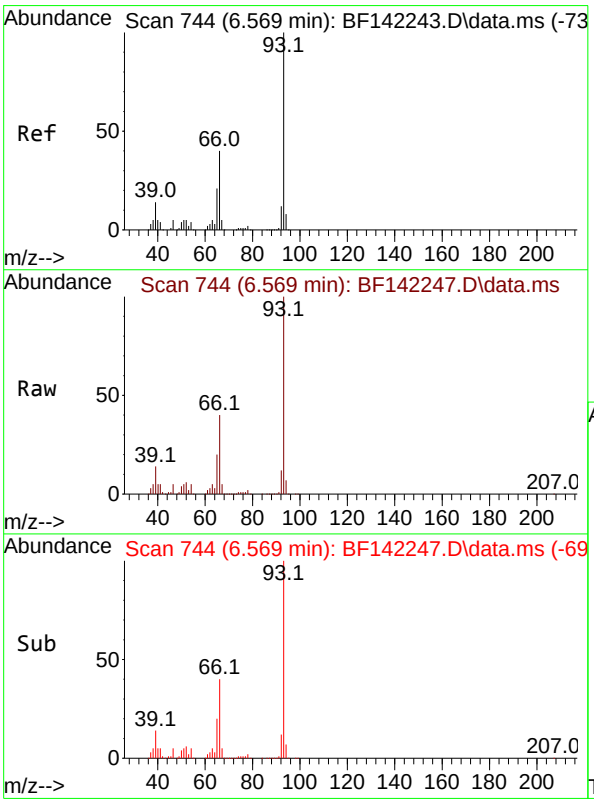
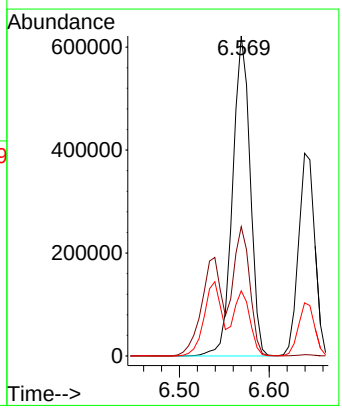


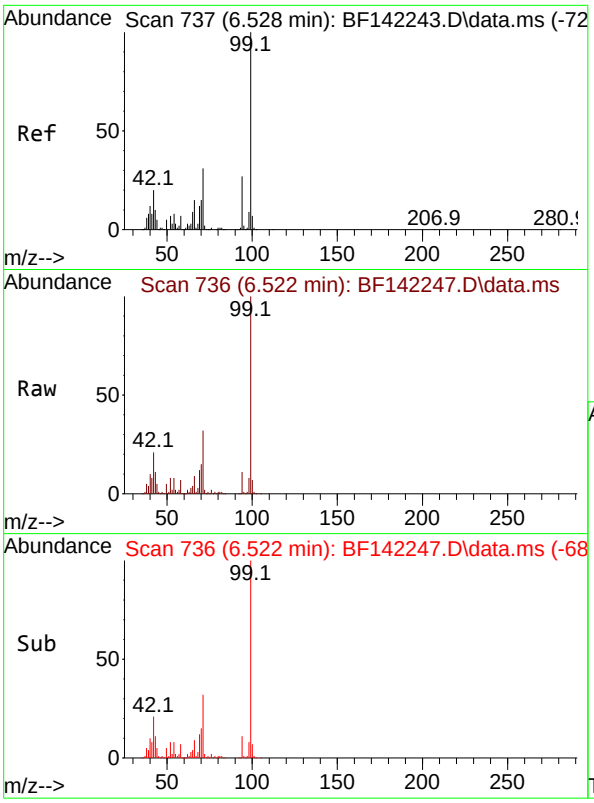


#6
Aniline
Concen: 42.598 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion: 93 Resp: 844910

Ion	Ratio	Lower	Upper
93	100		
66	40.4	32.1	48.1
65	20.3	16.6	24.8

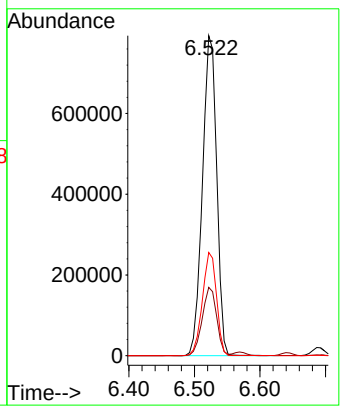




#7
Phenol-d6
Concen: 85.730 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion: 99 Resp: 120132

Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.3	24.5
71	32.2	25.0	37.4



Instrument :
BNA_F
ClientSampleId :
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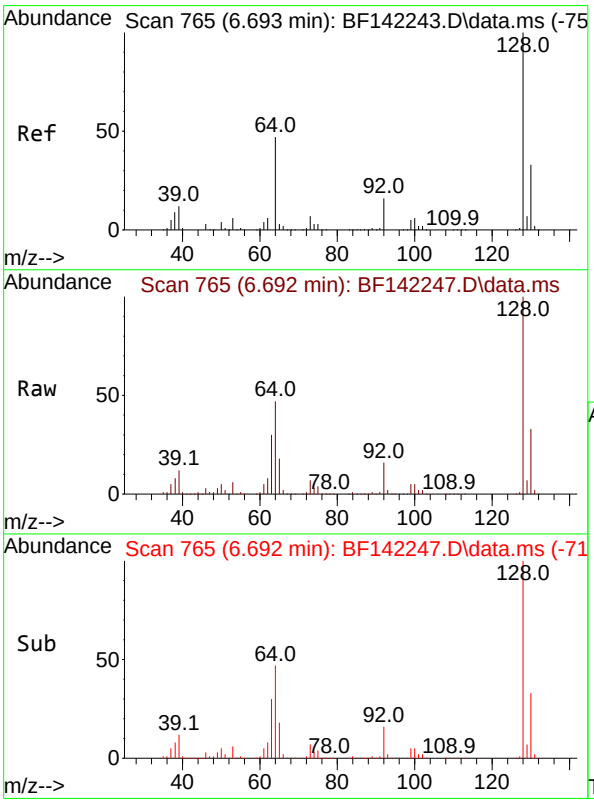
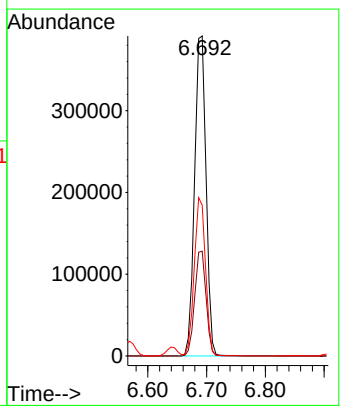
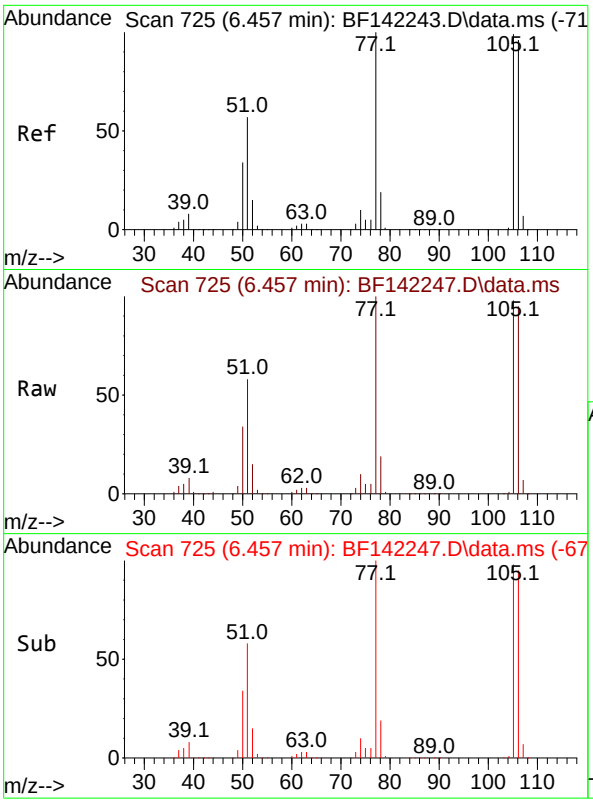


#8
2-Chlorophenol
Concen: 44.202 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:128 Resp: 530021

Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.1	53.1
64	47.1	28.6	68.6

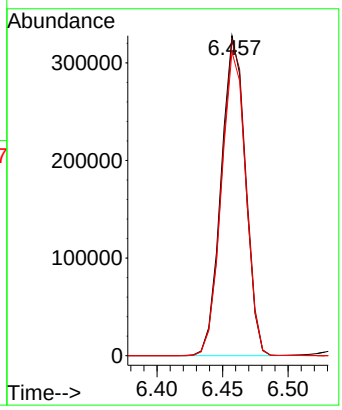




#9
Benzaldehyde
Concen: 42.925 ng
RT: 6.457 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion: 77 Resp: 42040

Ion	Ratio	Lower	Upper
77	100		
105	98.5	79.1	119.1
106	95.0	76.0	116.0



Instrument :
BNA_F
ClientSampleId :
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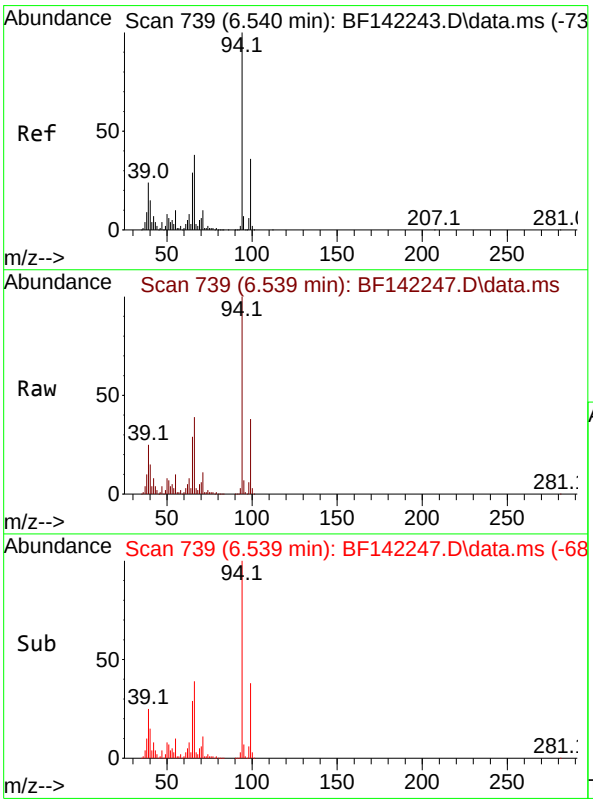
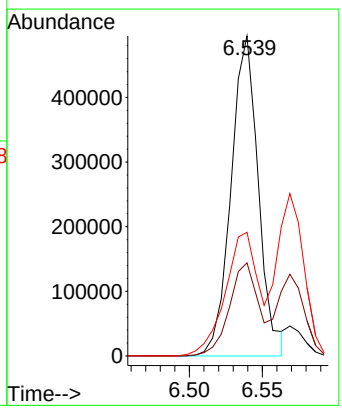
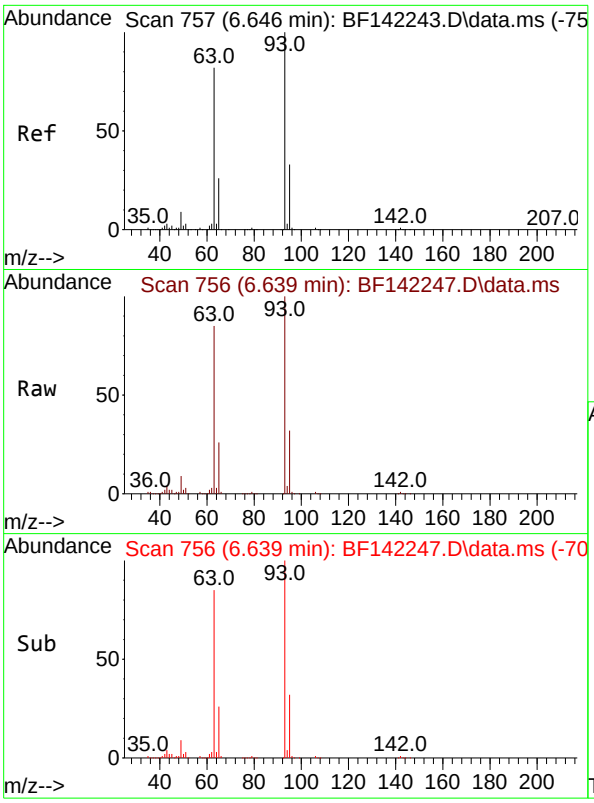


#10
Phenol
Concen: 42.765 ng m
RT: 6.539 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion: 94 Resp: 645155

Ion	Ratio	Lower	Upper
94	100		
65	29.1	8.9	48.9
66	38.7	18.7	58.7





#11
bis(2-Chloroethyl)ether
Concen: 42.329 ng
RT: 6.639 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion: 93 Resp: 49484

Ion	Ratio	Lower	Upper
93	100		
63	84.5	62.2	102.2
95	32.4	12.7	52.7

Instrument :
BNA_F
ClientSampleId :
ICVBF043025

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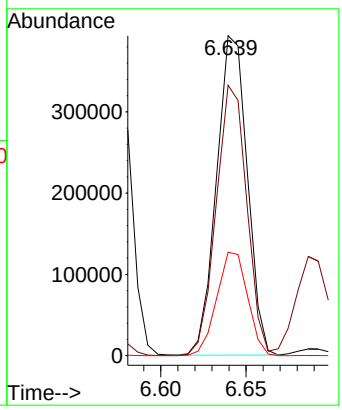
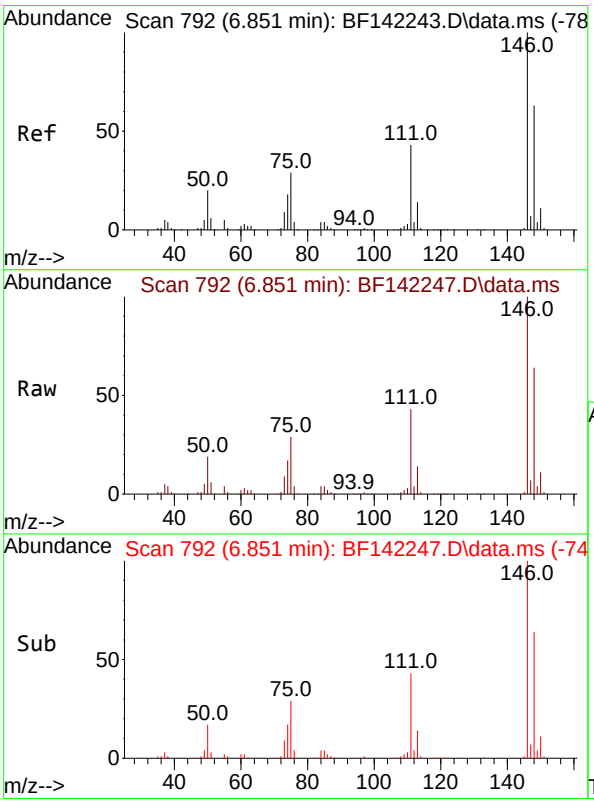
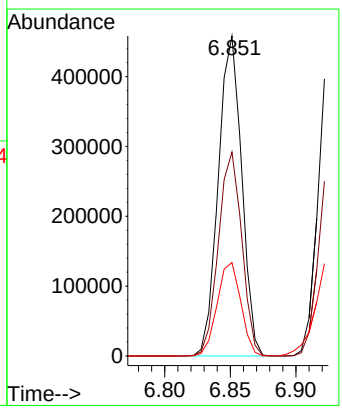


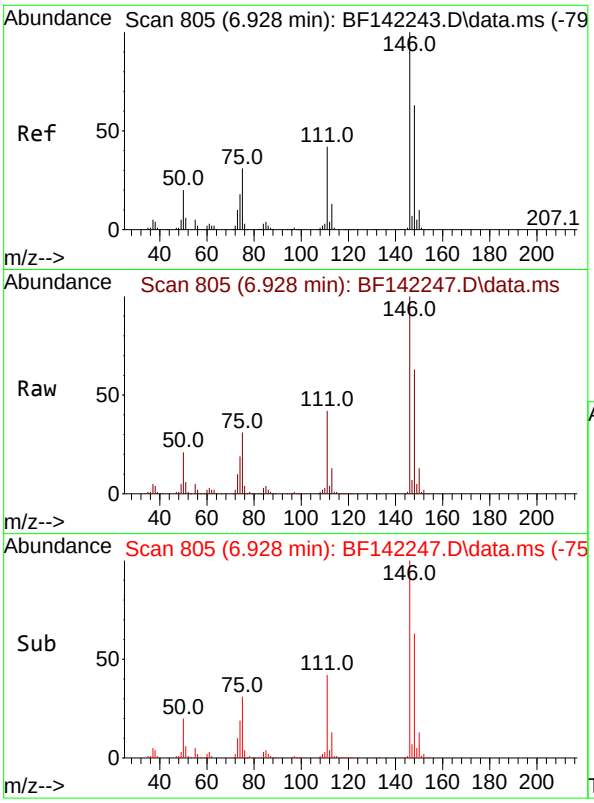


#12
1,3-Dichlorobenzene
Concen: 41.819 ng
RT: 6.851 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:146 Resp: 567280

Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.5	75.7
75	29.2	23.2	34.8

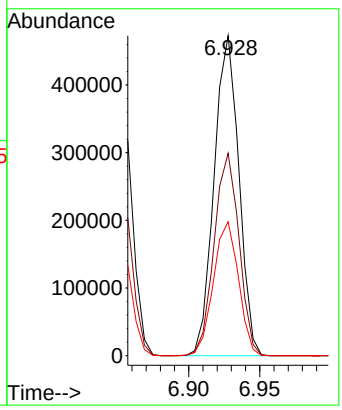




#13
1,4-Dichlorobenzene
Concen: 41.924 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:146 Resp: 57297

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
111	41.8	33.4	50.0



Instrument :
BNA_F
ClientSampleId :
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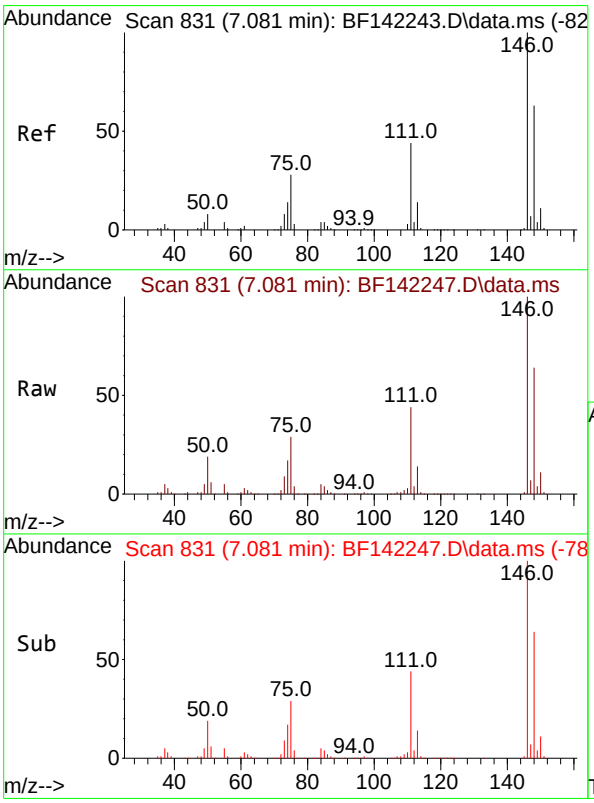
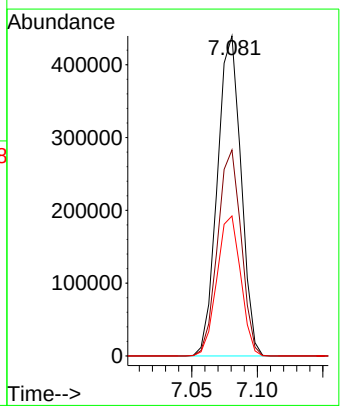
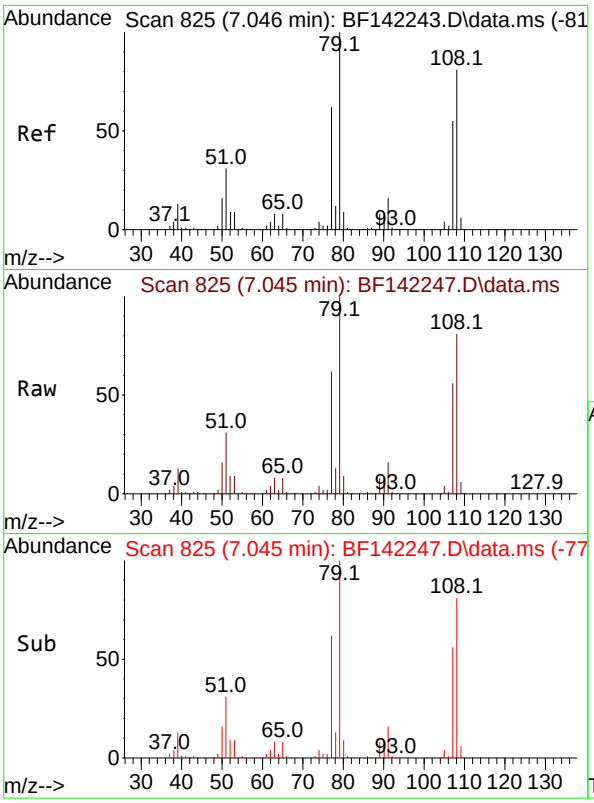


#14
1,2-Dichlorobenzene
Concen: 42.247 ng
RT: 7.081 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:146 Resp: 551216

Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.5	75.7
111	43.8	34.9	52.3





#15
Benzyl Alcohol
Concen: 43.378 ng
RT: 7.045 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion: 79 Resp: 43110

Ion	Ratio	Lower	Upper
79	100		
108	81.5	64.5	96.7
77	62.1	49.2	73.8

Instrument :
BNA_F
ClientSampleId :
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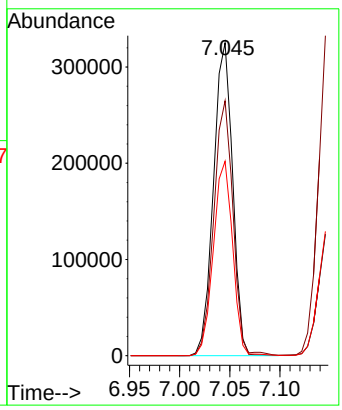
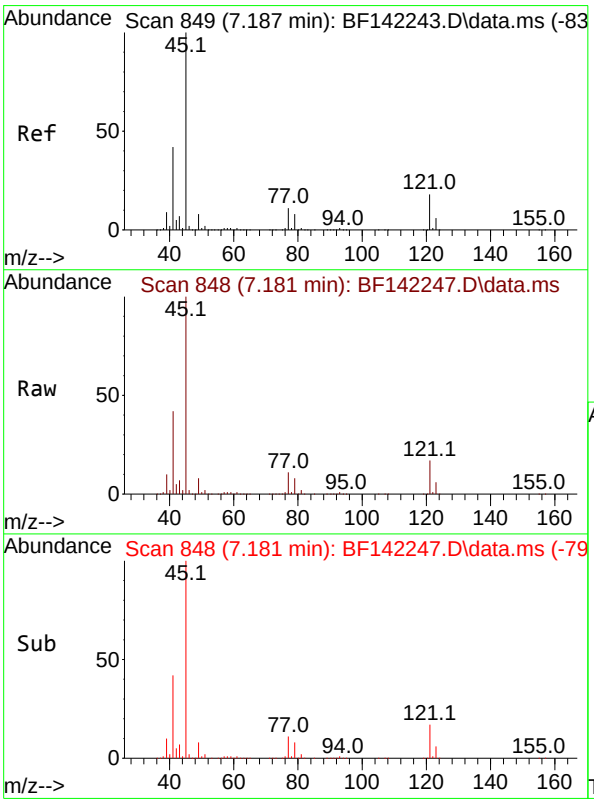
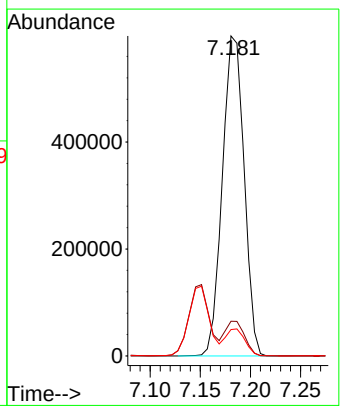


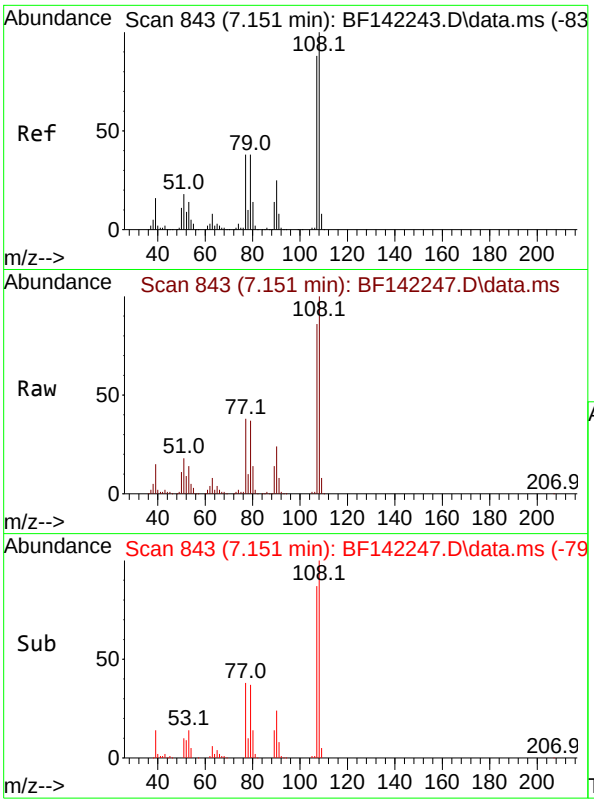


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.684 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion: 45 Resp: 901053

Ion	Ratio	Lower	Upper
45	100		
77	10.9	0.0	31.3
79	8.2	0.0	28.5

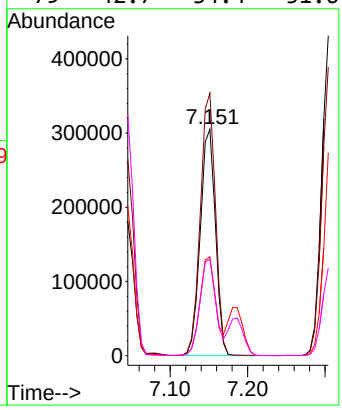




#17
2-Methylphenol
Concen: 42.288 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:107 Resp: 41540

Ion	Ratio	Lower	Upper
107	100		
108	116.0	91.0	136.4
77	43.7	34.4	51.6
79	42.7	34.4	51.6



Instrument :
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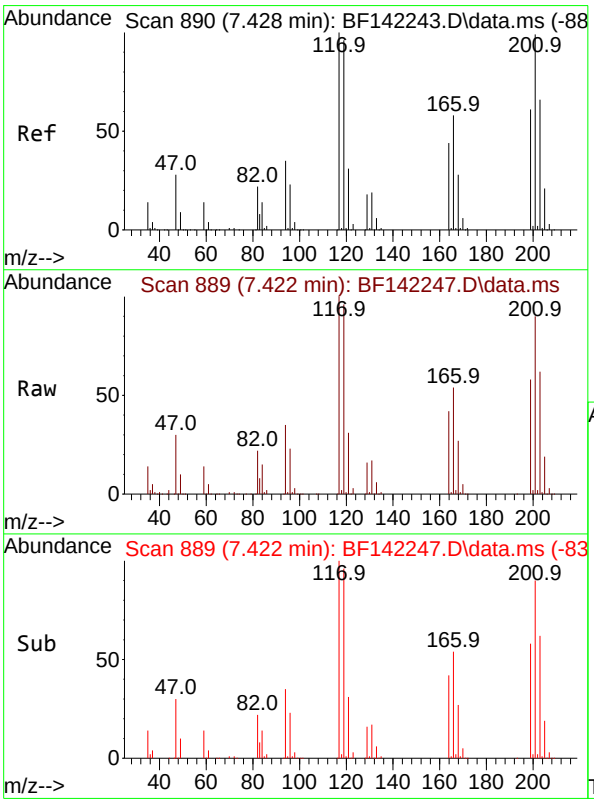
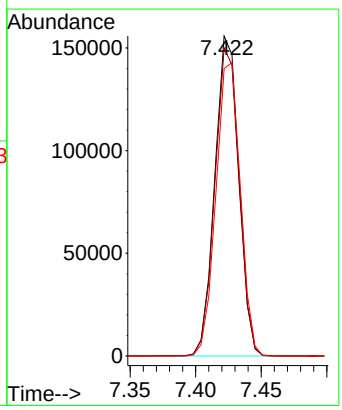
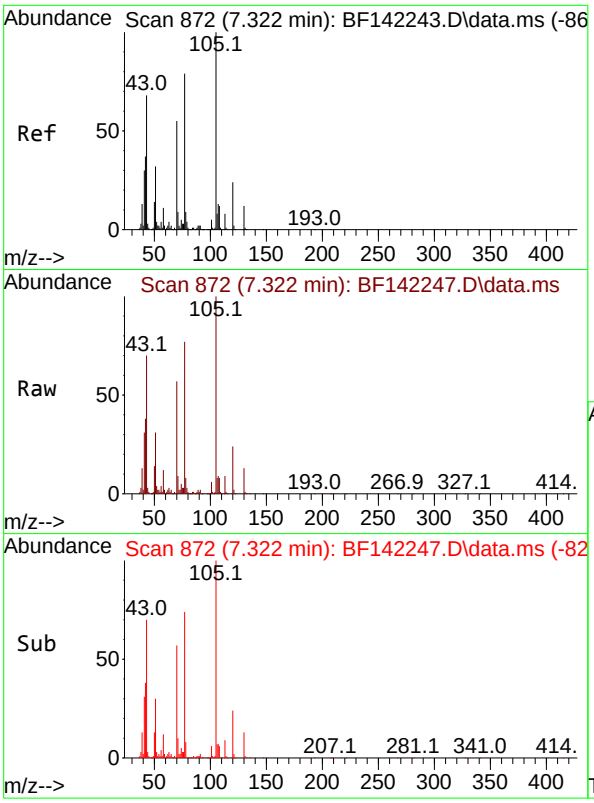


#18
Hexachloroethane
Concen: 44.255 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:117 Resp: 197959

Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.1	115.7
201	89.8	79.4	119.2

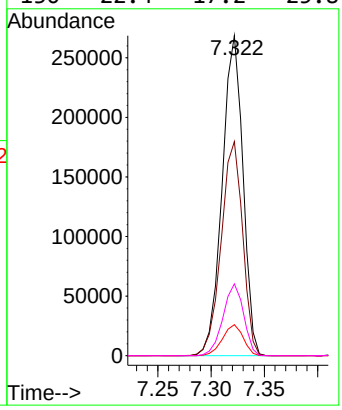




#19
n-Nitroso-di-n-propylamine
Concen: 41.992 ng
RT: 7.322 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion: 70 Resp: 36362

Ion	Ratio	Lower	Upper
70	100		
42	66.9	53.4	80.2
101	9.7	7.7	11.5
130	22.4	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
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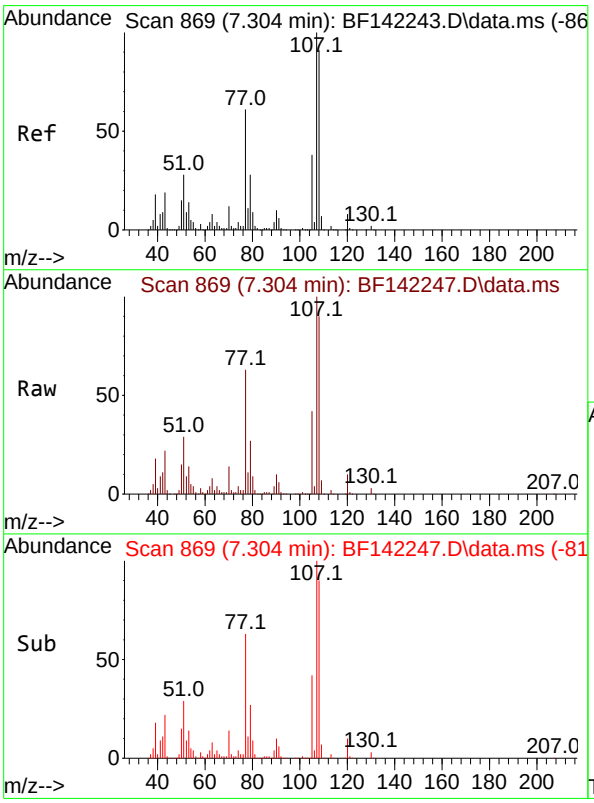
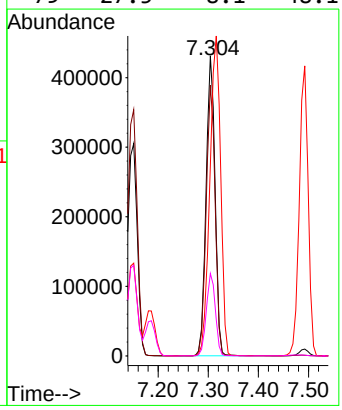
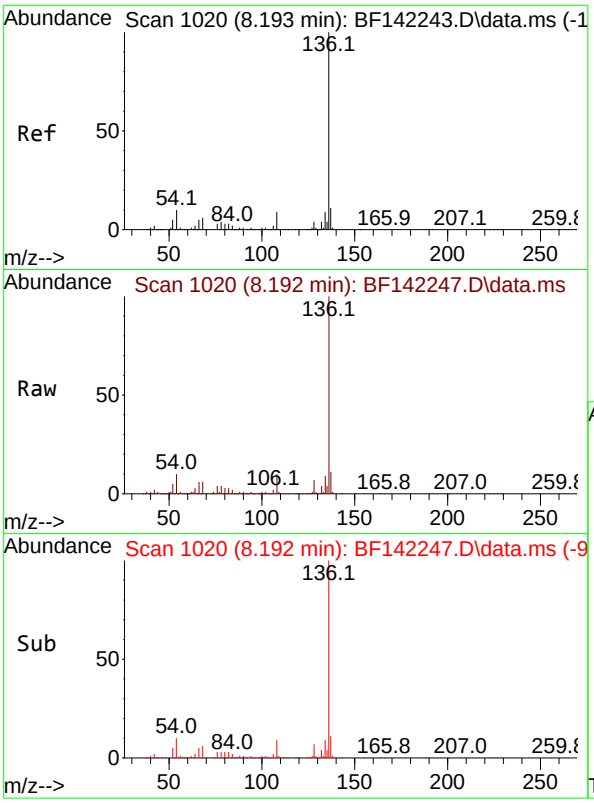


#20
3+4-Methylphenols
Concen: 43.919 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:107 Resp: 539514

Ion	Ratio	Lower	Upper
107	100		
108	90.2	71.2	111.2
77	63.5	41.1	81.1
79	27.5	8.1	48.1

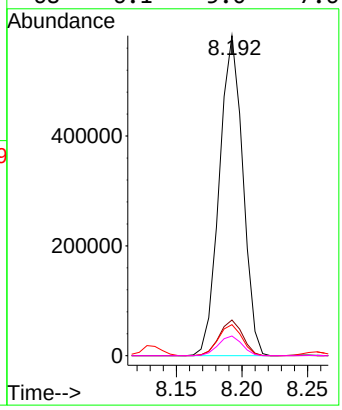




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1
Delta R.T. -0.001 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:136 Resp: 72548

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.7	7.7	11.5
68	6.1	5.0	7.6



Instrument :
BNA_F
ClientSampleId :
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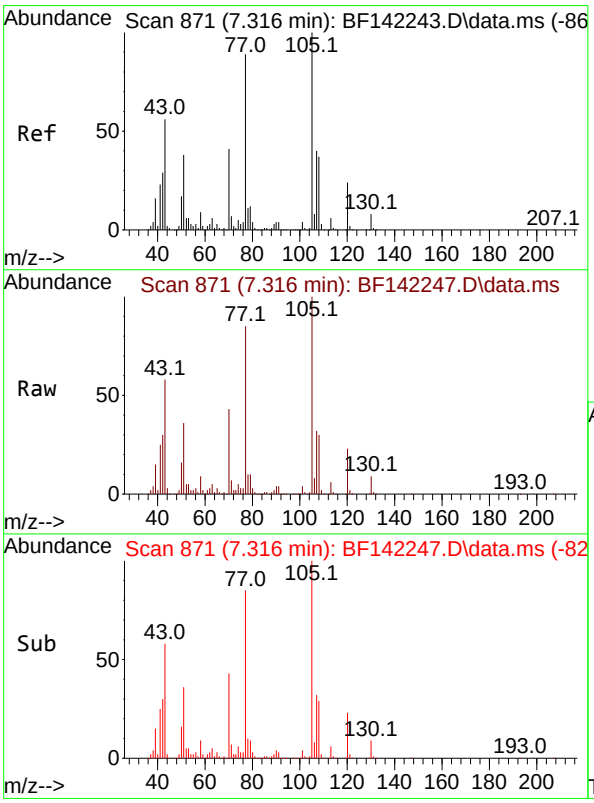
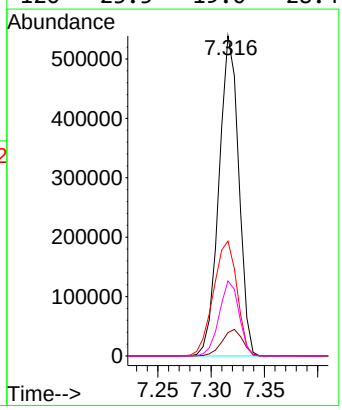
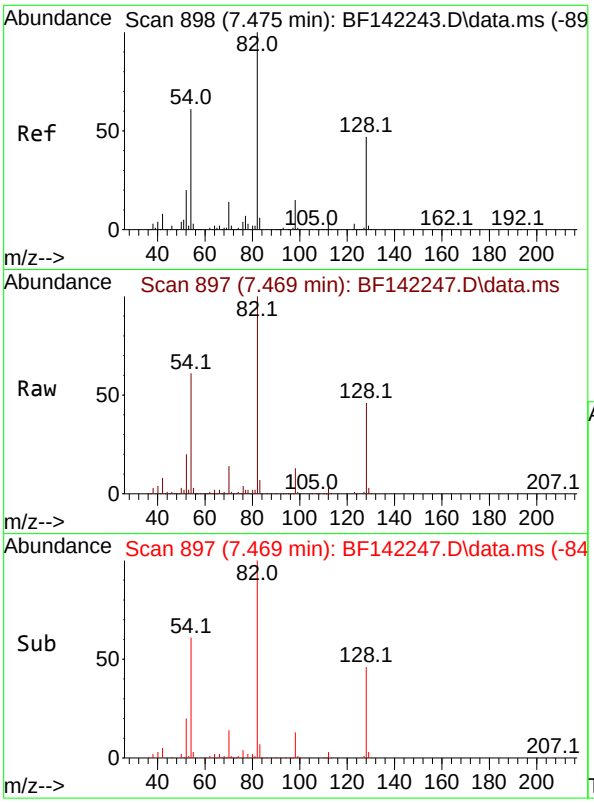


#22
Acetophenone
Concen: 41.441 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:105 Resp: 695539

Ion	Ratio	Lower	Upper
105	100		
71	7.3	5.7	8.5
51	35.9	30.1	45.1
120	23.5	19.0	28.4





#23
Nitrobenzene-d5
Concen: 98.845 ng
RT: 7.469 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion: 82 Resp: 109152

Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.0	55.6
54	61.2	48.0	72.0

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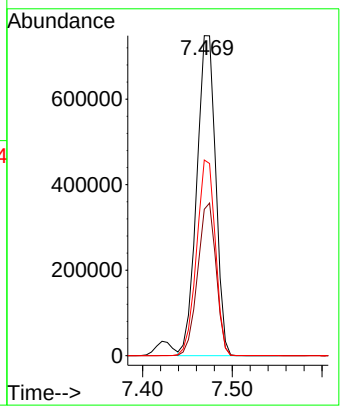
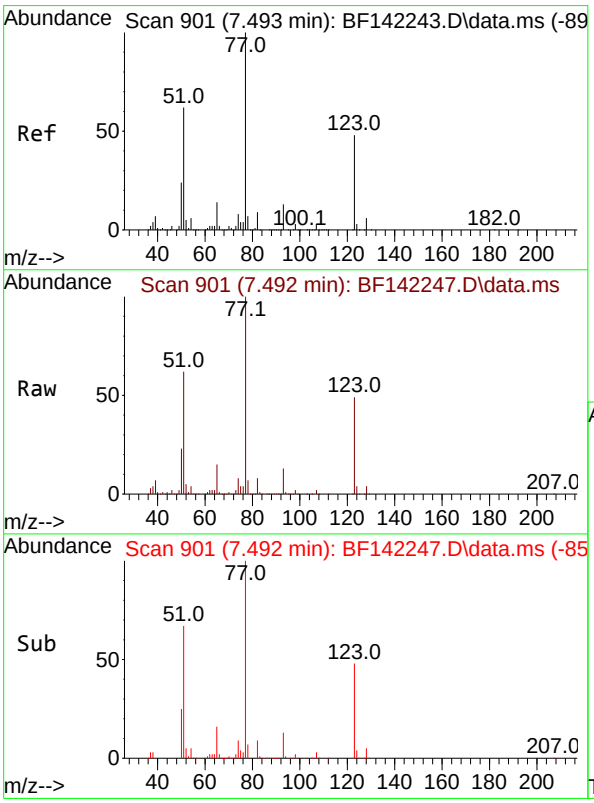
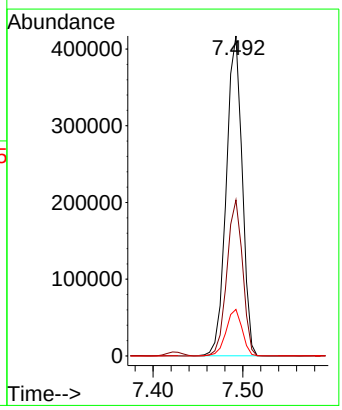


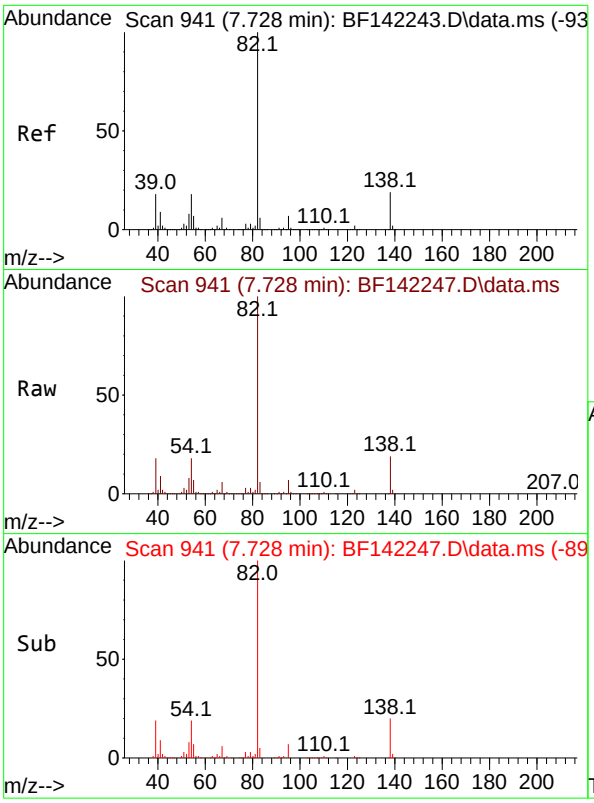


#24
Nitrobenzene
Concen: 47.402 ng
RT: 7.492 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion: 77 Resp: 513604

Ion	Ratio	Lower	Upper
77	100		
123	48.8	38.6	58.0
65	14.5	11.5	17.3

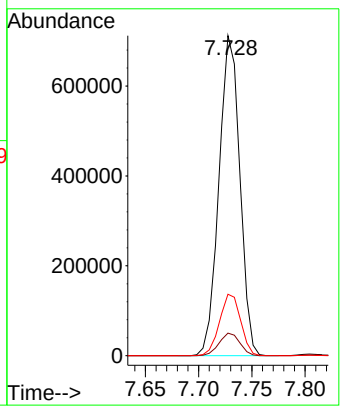




#25
Isophorone
Concen: 41.789 ng
RT: 7.728 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion: 82 Resp: 96850

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	19.2	15.3	22.9



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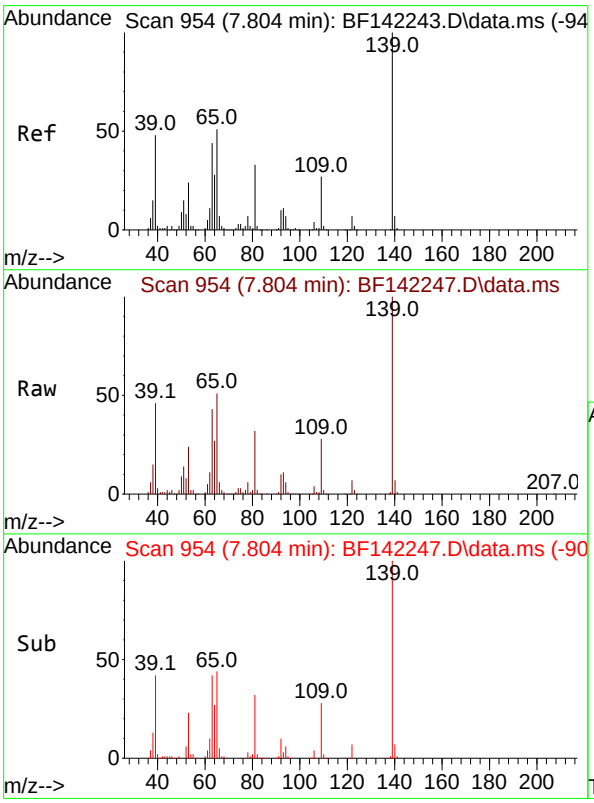
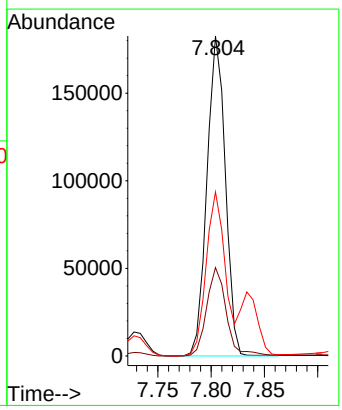
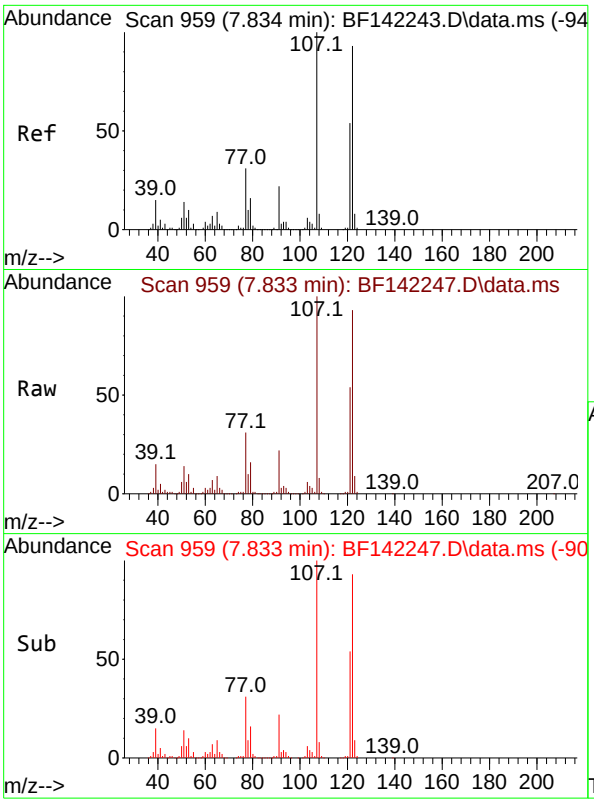


#26
2-Nitrophenol
Concen: 48.175 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:139 Resp: 219881

Ion	Ratio	Lower	Upper
139	100		
109	27.6	21.8	32.8
65	51.2	41.1	61.7

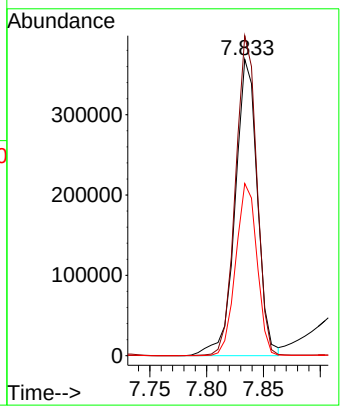




#27
2,4-Dimethylphenol
Concen: 43.004 ng
RT: 7.833 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:122 Resp: 50250

Ion	Ratio	Lower	Upper
122	100		
107	108.0	86.0	129.0
121	58.1	46.3	69.5



Instrument :
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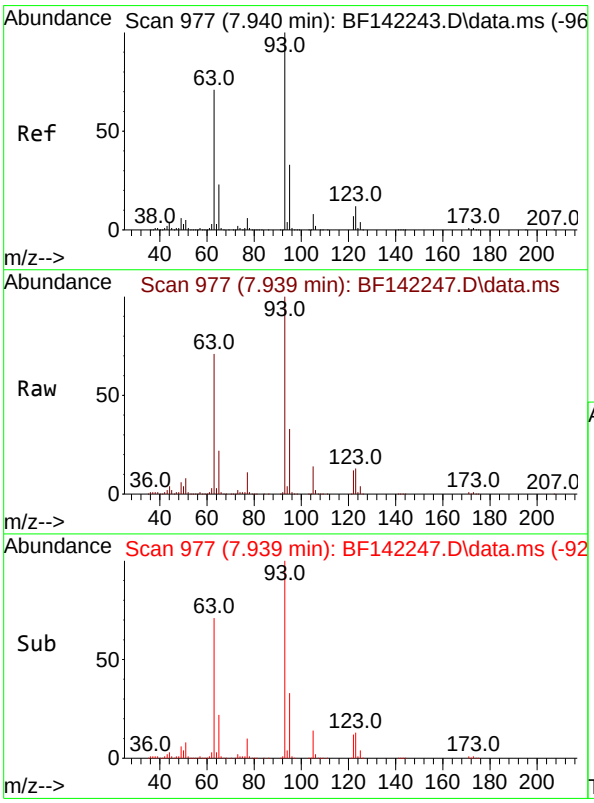
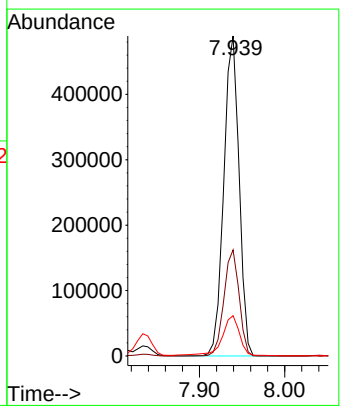
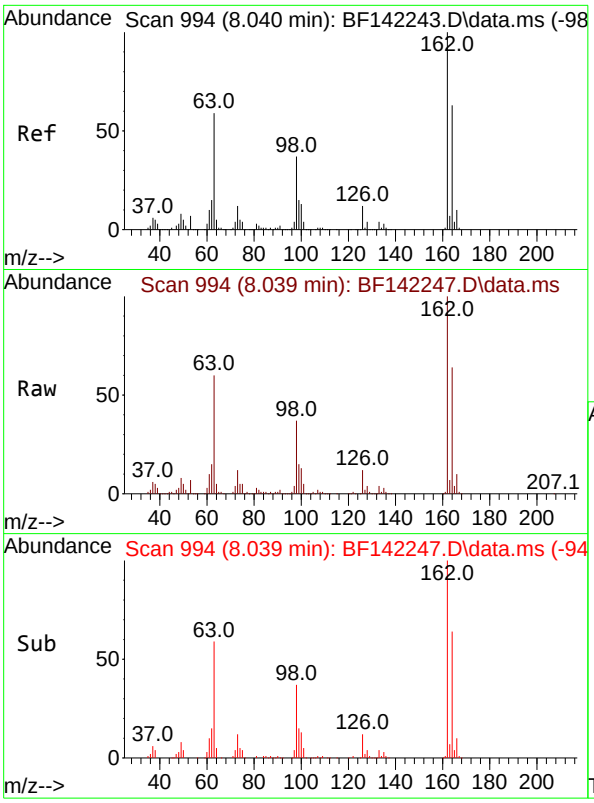


#28
bis(2-Chloroethoxy)methane
Concen: 41.780 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion: 93 Resp: 610669

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.2	39.2
123	12.6	9.7	14.5

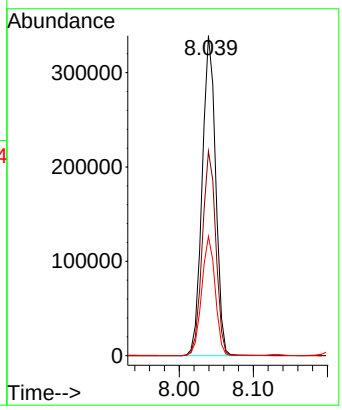




#29
2,4-Dichlorophenol
Concen: 44.013 ng
RT: 8.039 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:162 Resp: 42996

Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.0	83.0
98	37.3	16.7	56.7



Instrument :
BNA_F
ClientSampleId :
ICVBF043025

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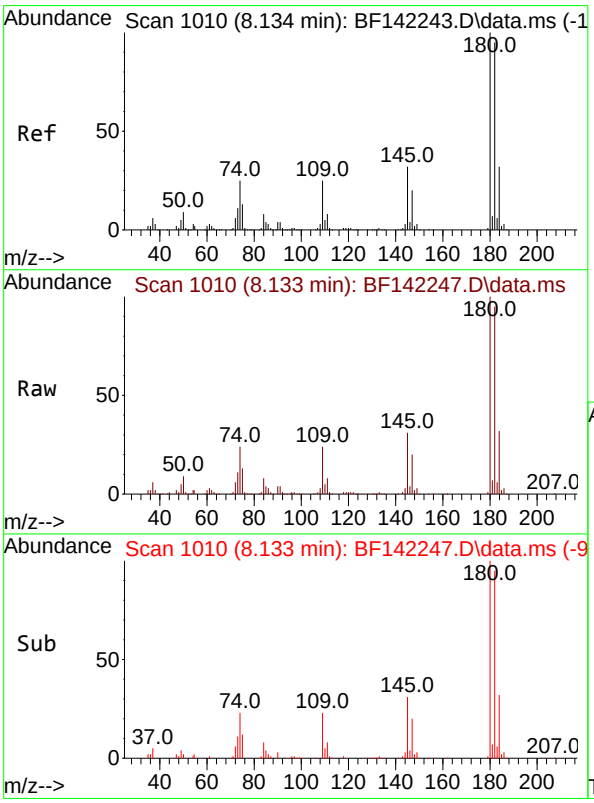
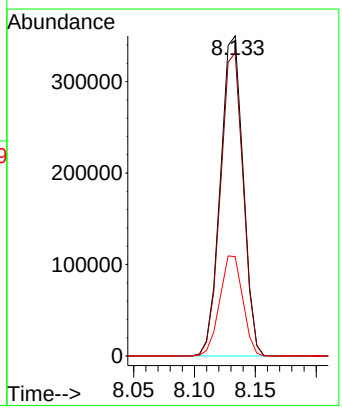
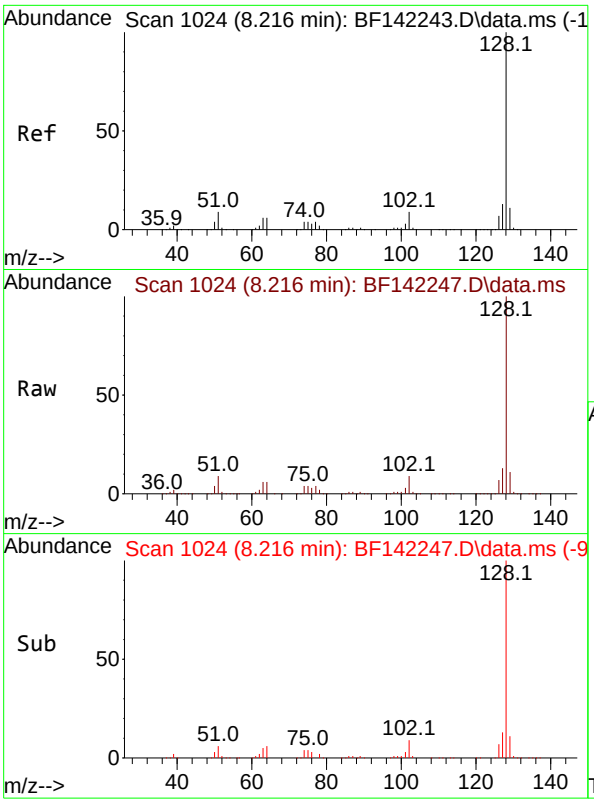


#30
1,2,4-Trichlorobenzene
Concen: 41.724 ng
RT: 8.133 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:180 Resp: 454848

Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.7	113.5
145	31.1	25.4	38.0

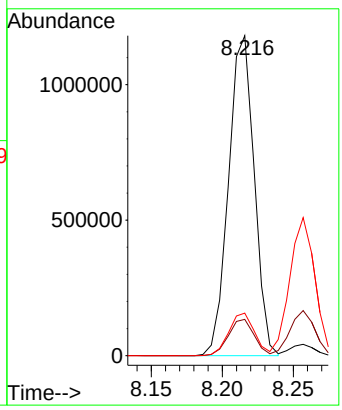




#31
Naphthalene
Concen: 41.005 ng
RT: 8.216 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:128 Resp: 148356

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.3	10.6	15.8



Instrument :
BNA_F
ClientSampleId :
ICVBF043025

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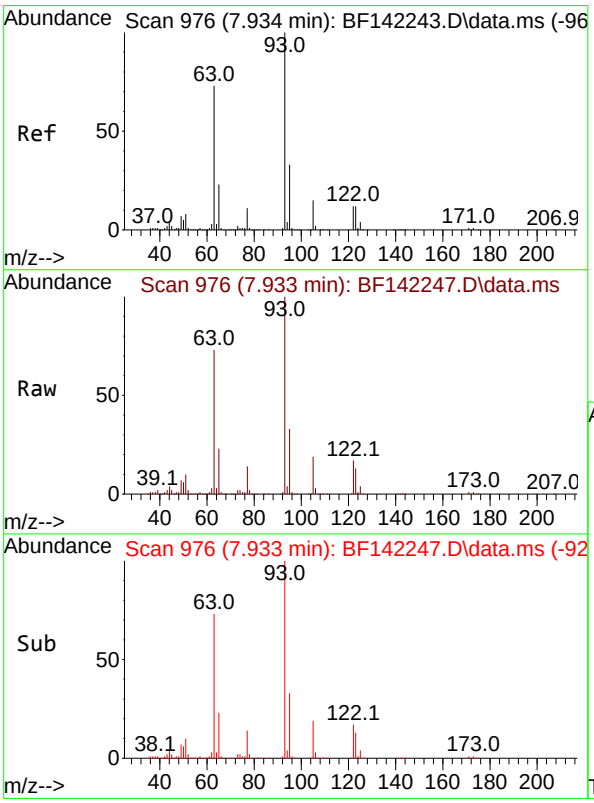
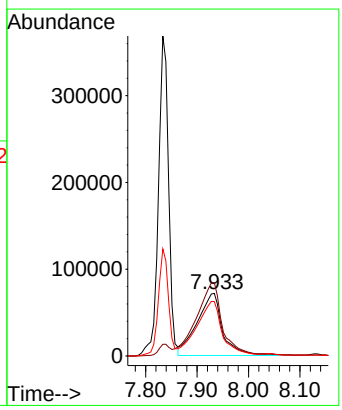
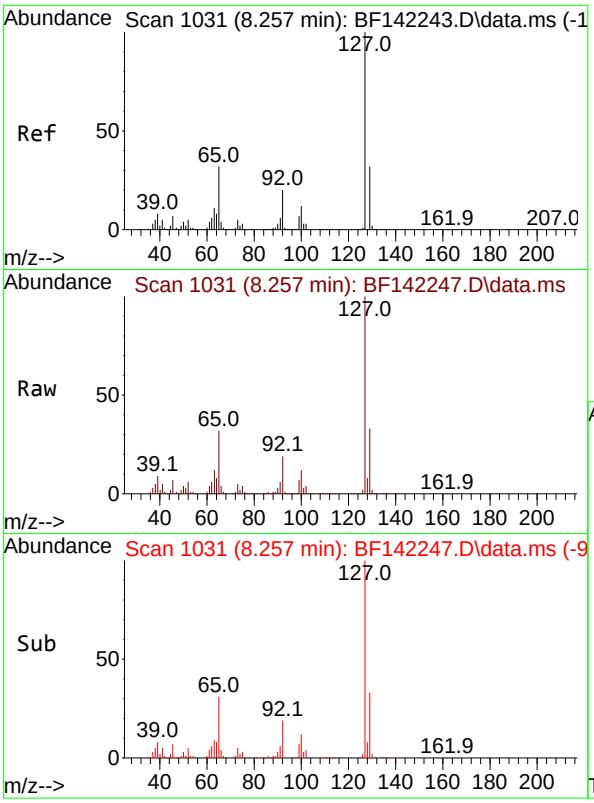


#32
Benzoic acid
Concen: 45.113 ng m
RT: 7.933 min Scan# 976
Delta R.T. -0.001 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:122 Resp: 246172

Ion	Ratio	Lower	Upper
122	100		
105	117.2	98.2	138.2
77	86.9	66.8	106.8

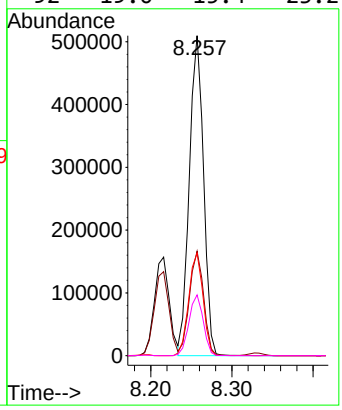




#33
4-Chloroaniline
Concen: 41.344 ng
RT: 8.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:127 Resp: 62289

Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	32.0	25.5	38.3
92	19.0	15.4	23.2



Instrument :
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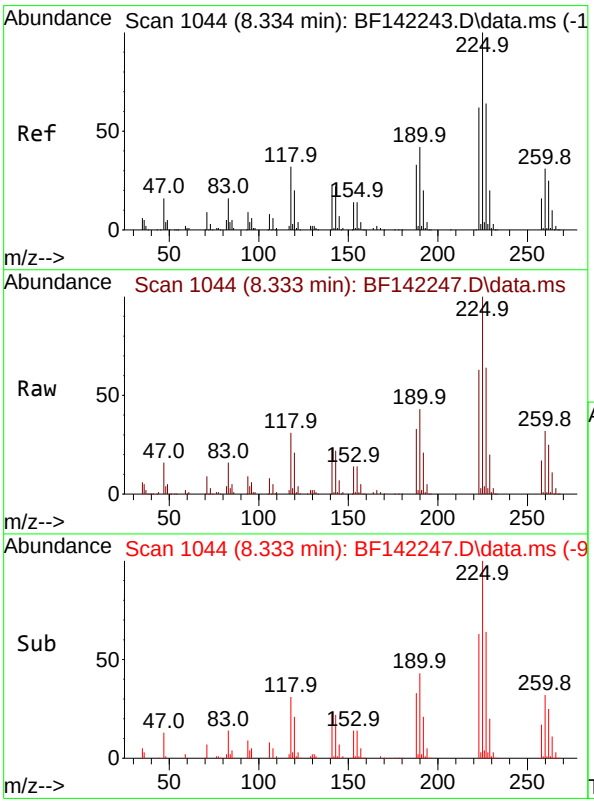
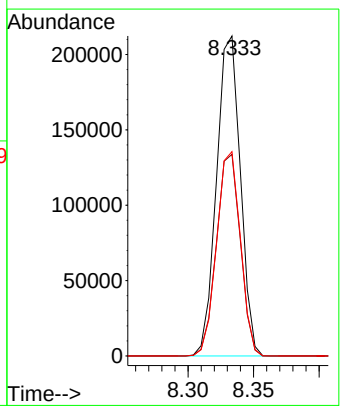
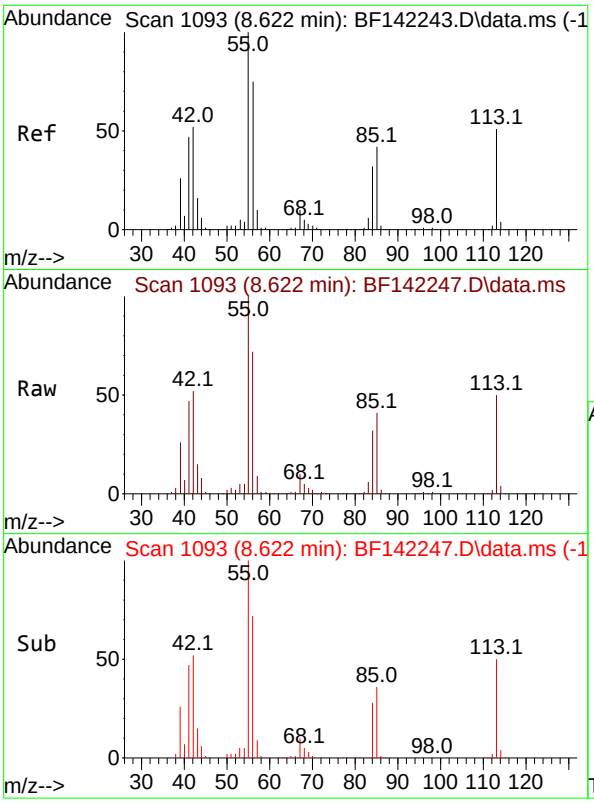


#34
Hexachlorobutadiene
Concen: 42.127 ng
RT: 8.333 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:225 Resp: 267940

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.7	74.5
227	63.9	51.0	76.4





#35
Caprolactam
Concen: 44.434 ng
RT: 8.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:113 Resp: 13047

Ion	Ratio	Lower	Upper
113	100		
55	199.6	177.7	217.7
56	144.7	127.1	167.1

Instrument :
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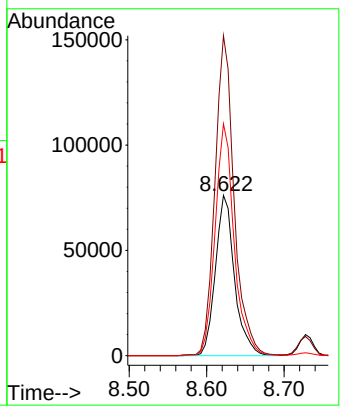
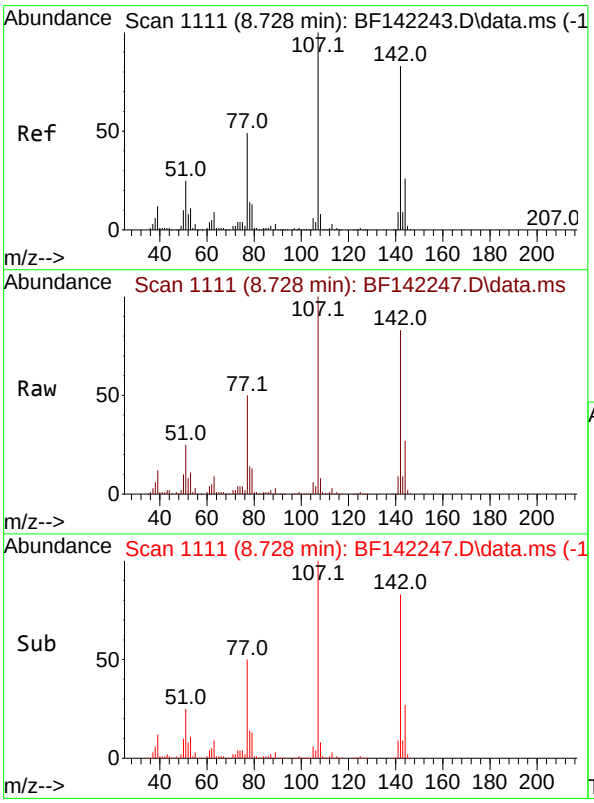
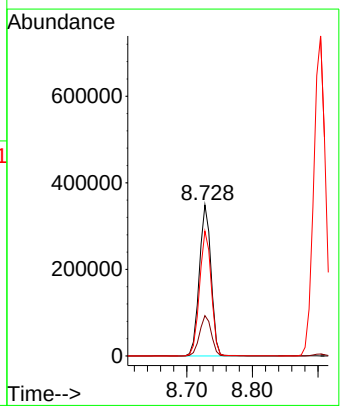


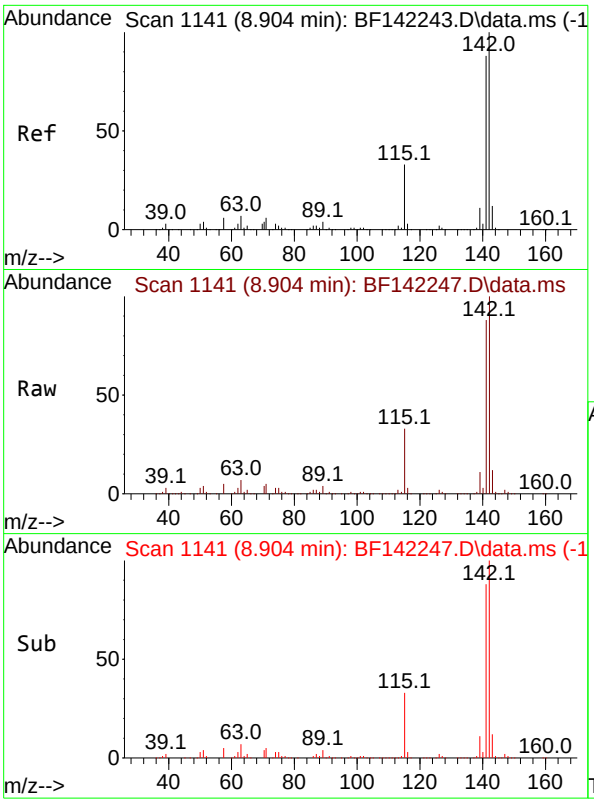


#36
4-Chloro-3-methylphenol
Concen: 43.485 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:107 Resp: 436215

Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.0	31.4
142	82.5	66.1	99.1

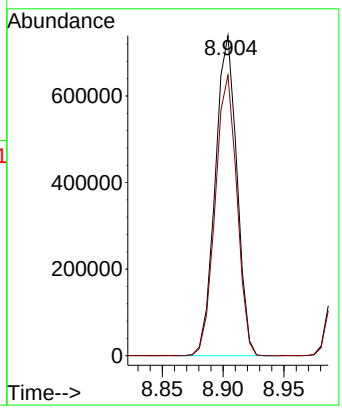




#37
2-Methylnaphthalene
Concen: 41.155 ng
RT: 8.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:142 Resp: 91547

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.5	105.7



Instrument :
BNA_F
ClientSampleId :
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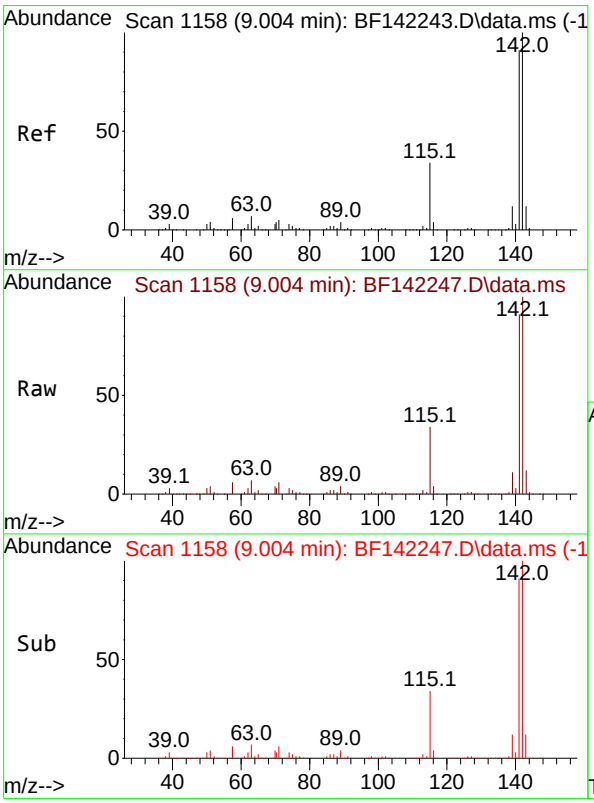
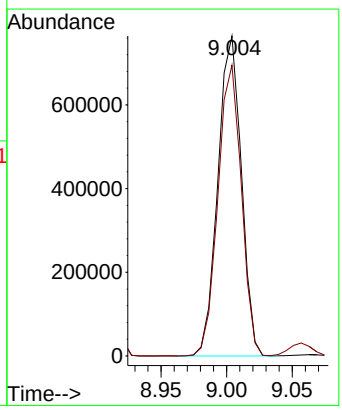
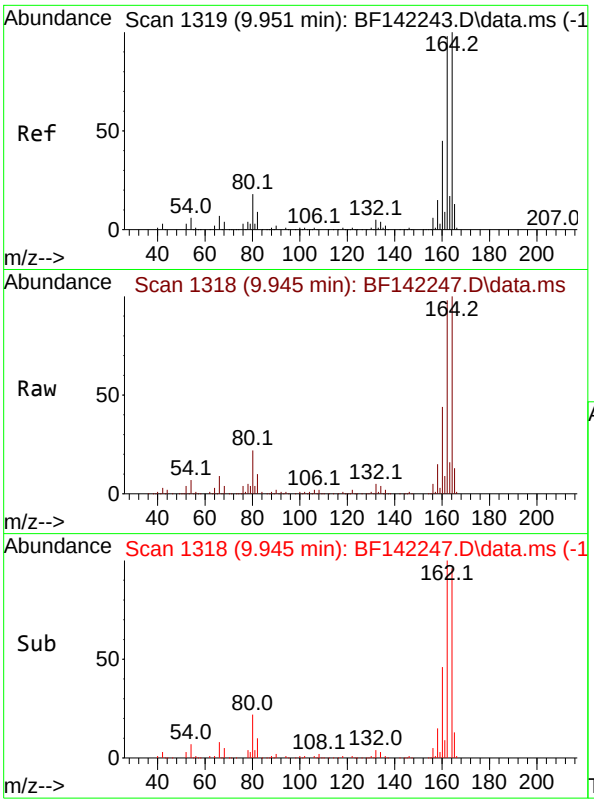


#38
1-Methylnaphthalene
Concen: 41.232 ng
RT: 9.004 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:142 Resp: 950163

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.8	109.2

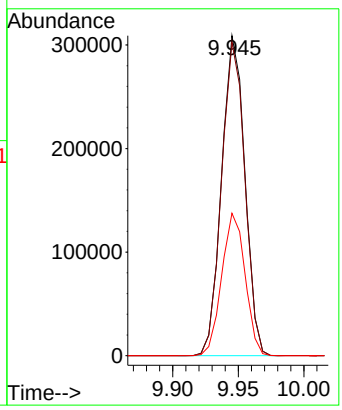




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:164 Resp: 38117

Ion	Ratio	Lower	Upper
164	100		
162	98.0	78.6	117.8
160	44.5	35.7	53.5



Instrument :
BNA_F
ClientSampleId :
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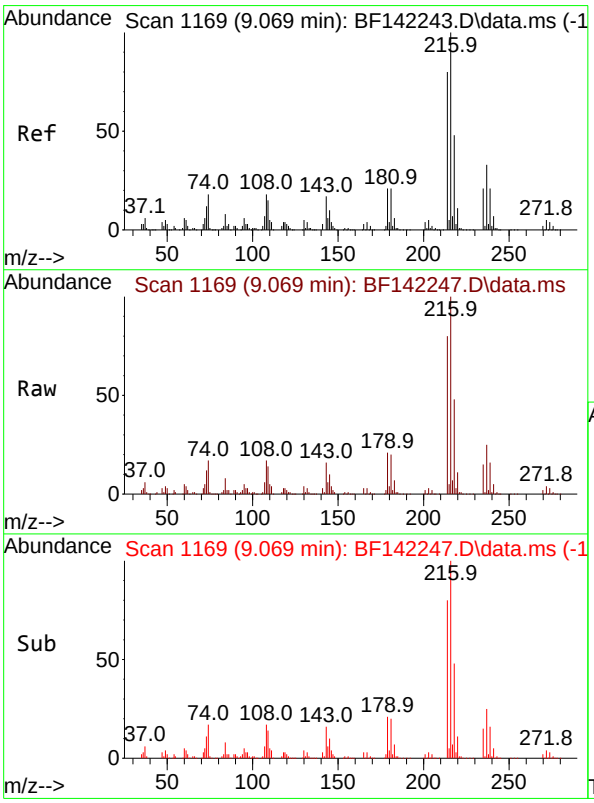
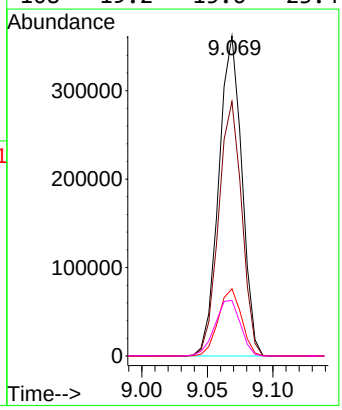
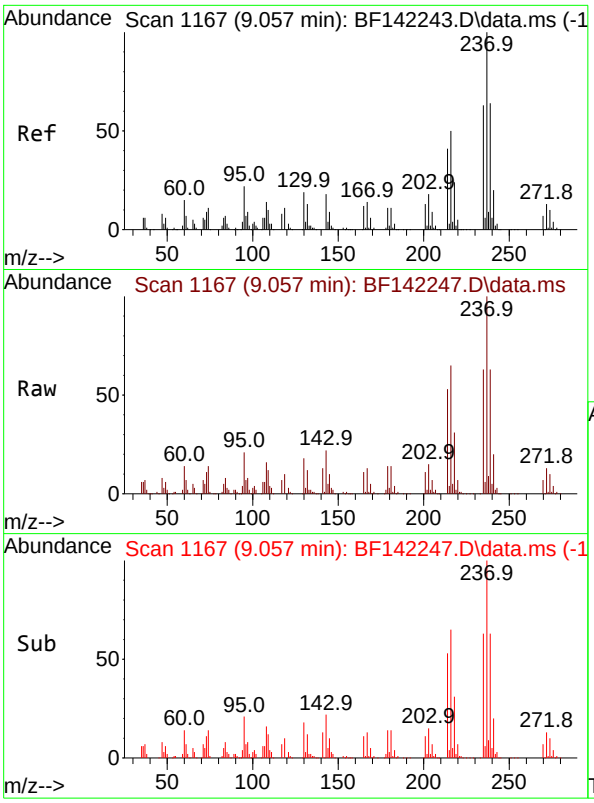


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.349 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:216 Resp: 443561

Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.8	95.6
179	21.0	16.7	25.1
108	19.2	15.6	23.4





#41
Hexachlorocyclopentadiene
Concen: 47.321 ng
RT: 9.057 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Instrument :
BNA_F
ClientSampleId :
ICVBF043025

Tgt Ion:237 Resp: 28810

Ion	Ratio	Lower	Upper
237	100		
235	63.3	43.5	83.5
272	13.2	0.0	32.9

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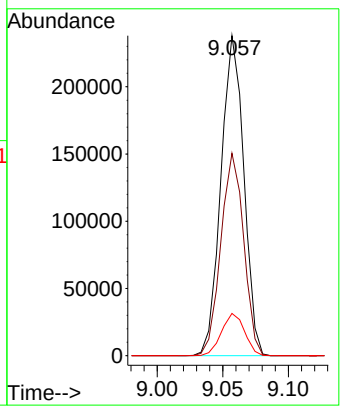
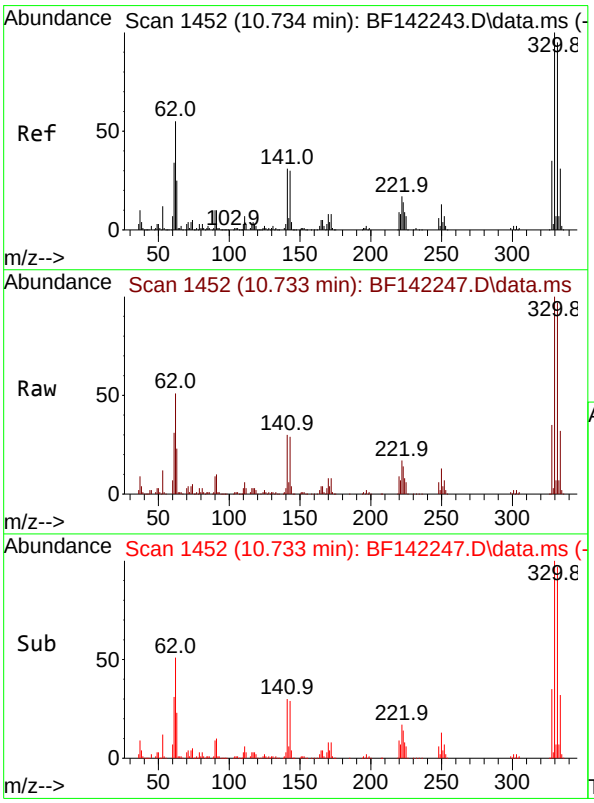
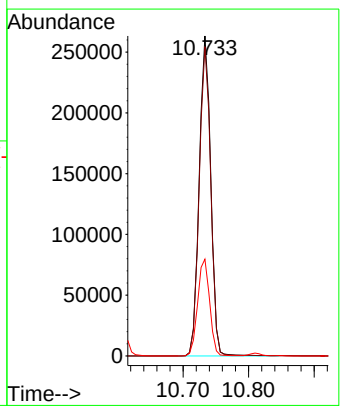


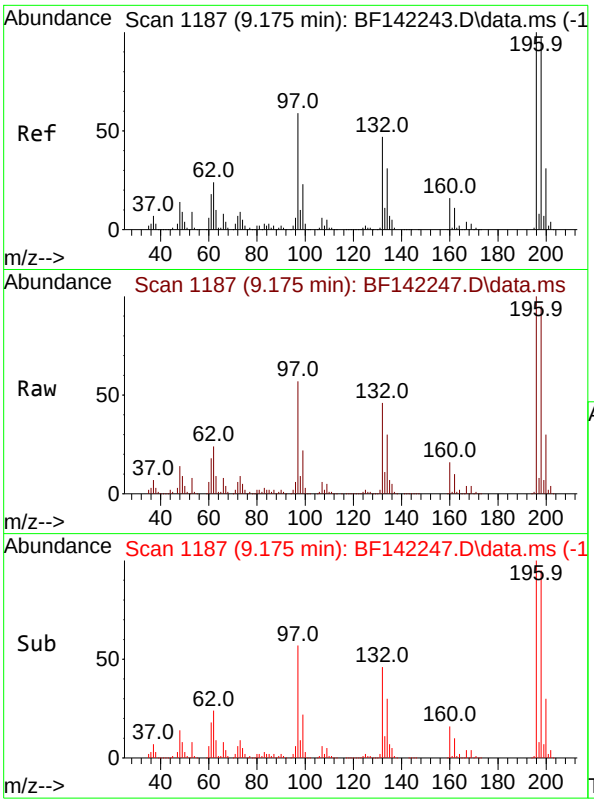


#42
2,4,6-Tribromophenol
Concen: 93.044 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:330 Resp: 323319

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.5	114.7
141	31.4	24.3	36.5

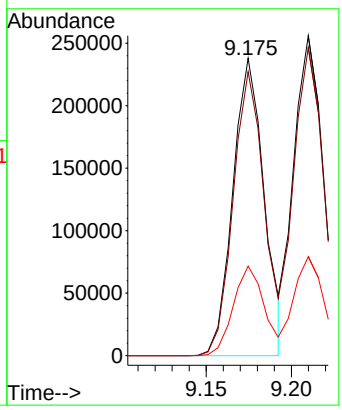




#43
2,4,6-Trichlorophenol
Concen: 45.713 ng
RT: 9.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:196 Resp: 30387

Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.4	116.2
200	30.1	24.6	37.0



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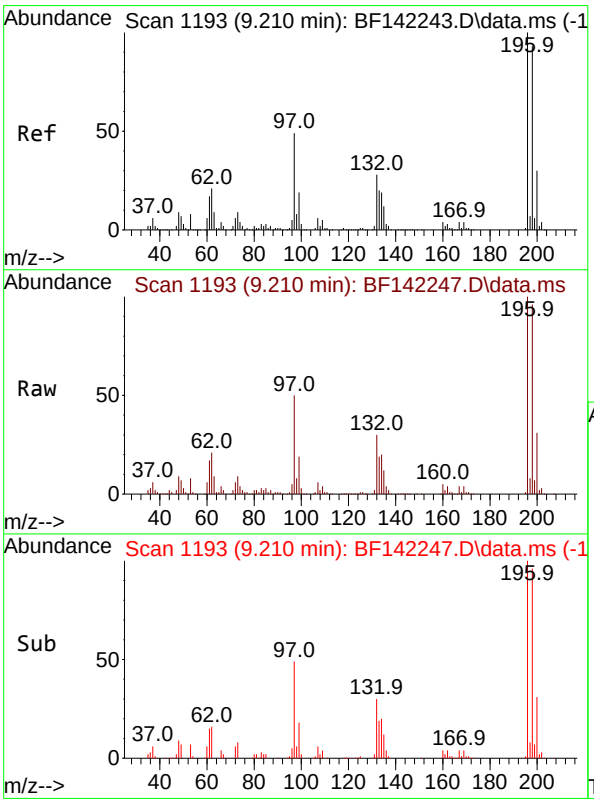
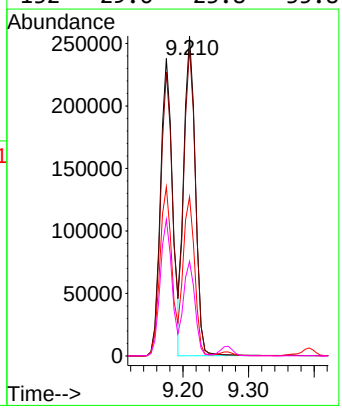
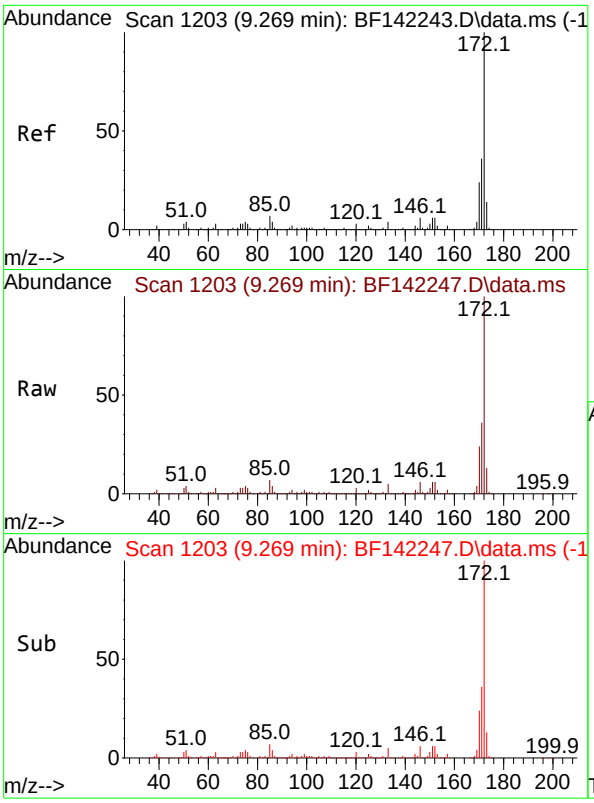


#44
2,4,5-Trichlorophenol
Concen: 44.676 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:196 Resp: 312237

Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.2	112.8
97	49.7	39.8	59.8
132	29.6	23.8	35.8

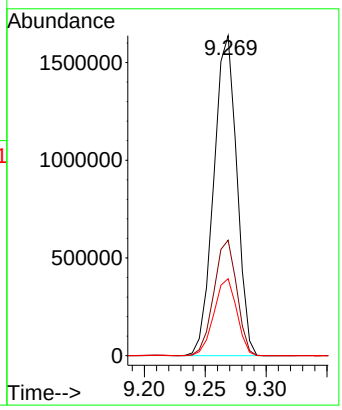




#45
2-Fluorobiphenyl
Concen: 79.807 ng
RT: 9.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:172 Resp: 215749

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.0	19.4	29.0



Instrument :
BNA_F
ClientSampleId :
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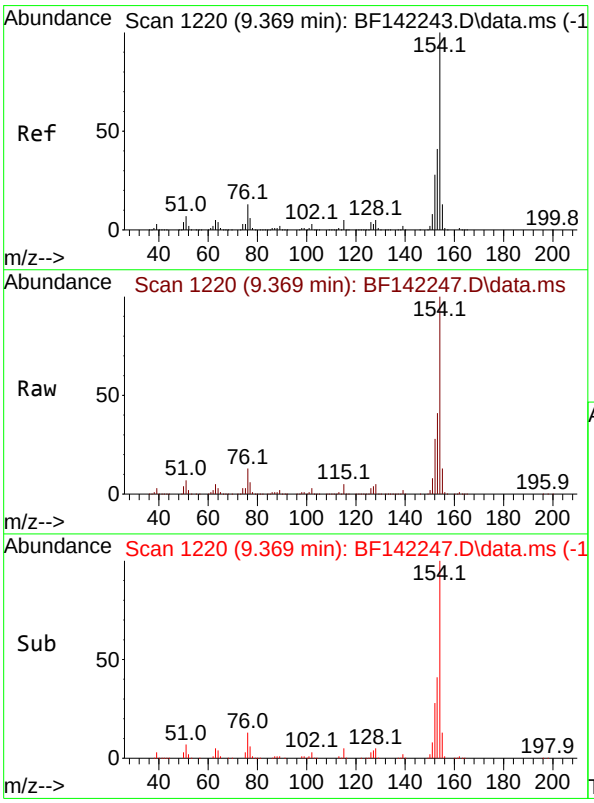
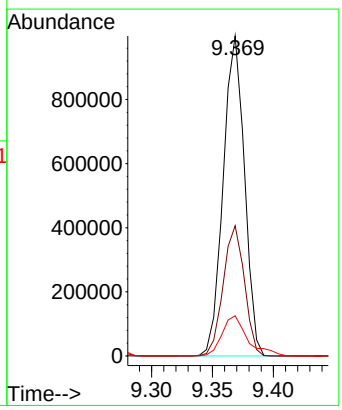
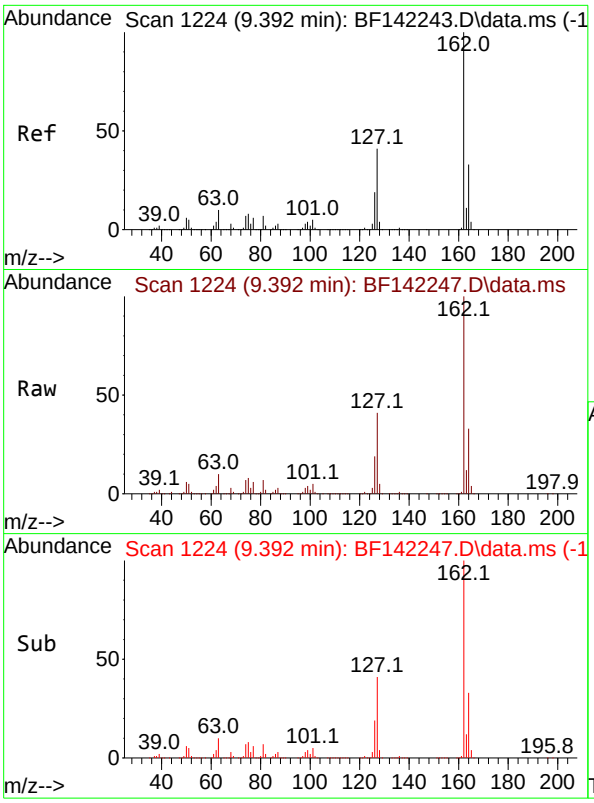


#46
1,1'-Biphenyl
Concen: 40.936 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:154 Resp: 1213047

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.5	60.5
76	12.6	0.0	32.8

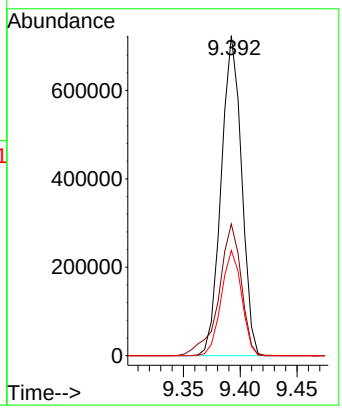




#47
2-Chloronaphthalene
Concen: 41.003 ng
RT: 9.392 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:162 Resp: 90397

Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.6	49.0
164	32.8	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
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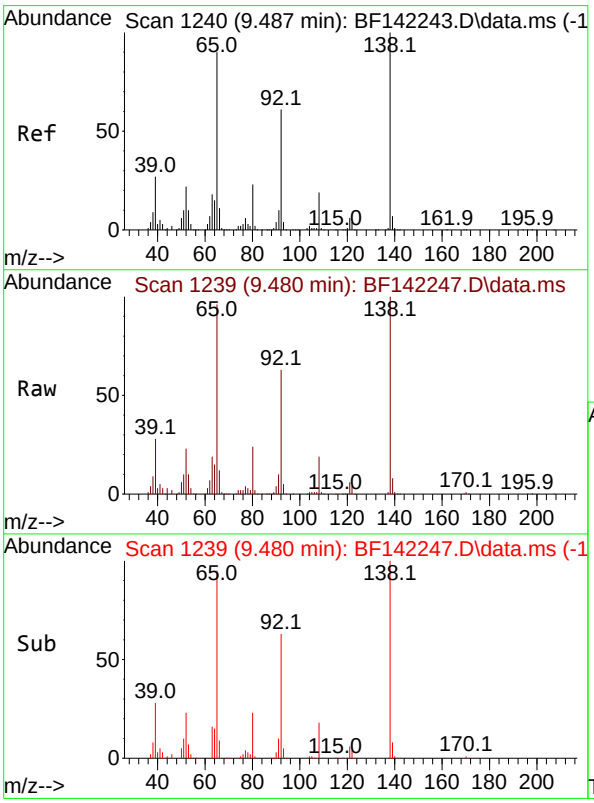
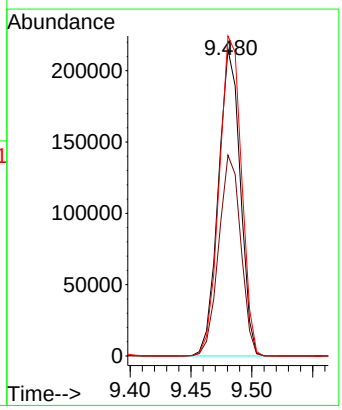
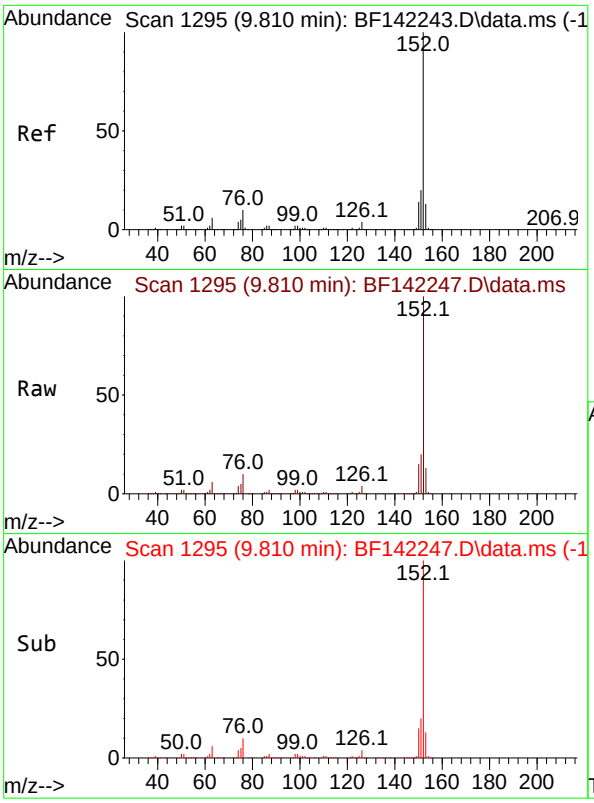


#48
2-Nitroaniline
Concen: 46.523 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.007 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion: 65 Resp: 269528

Ion	Ratio	Lower	Upper
65	100		
92	65.5	54.3	81.5
138	104.3	88.6	133.0

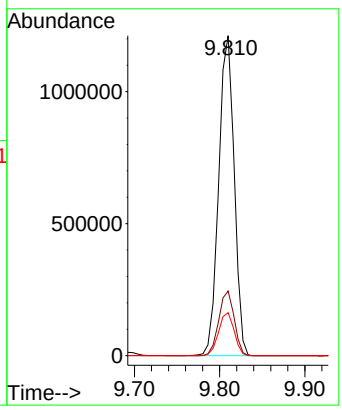




#49
Acenaphthylene
Concen: 41.211 ng
RT: 9.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:152 Resp: 153316

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.4	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
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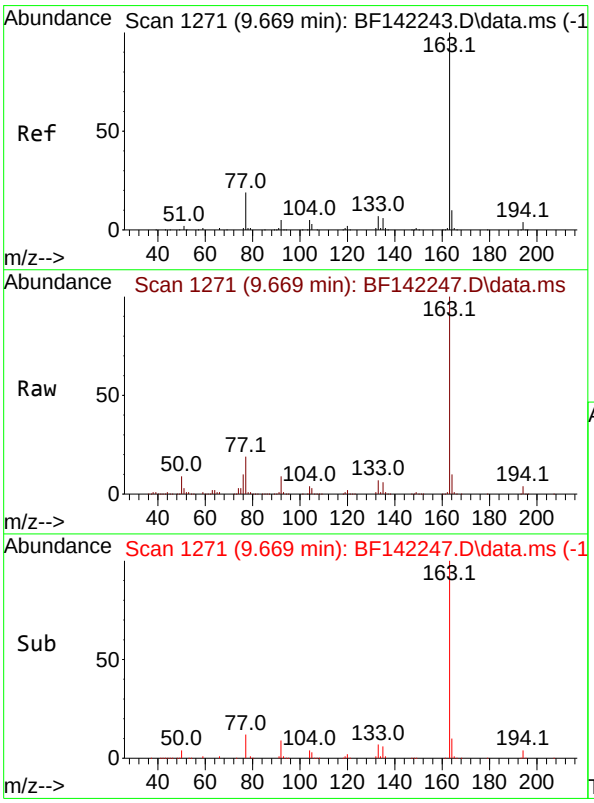
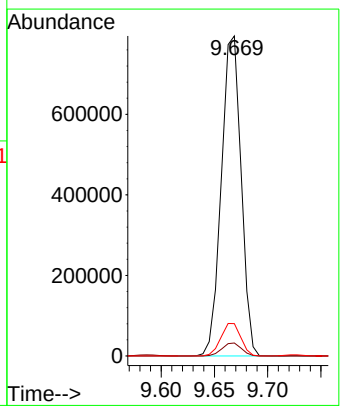
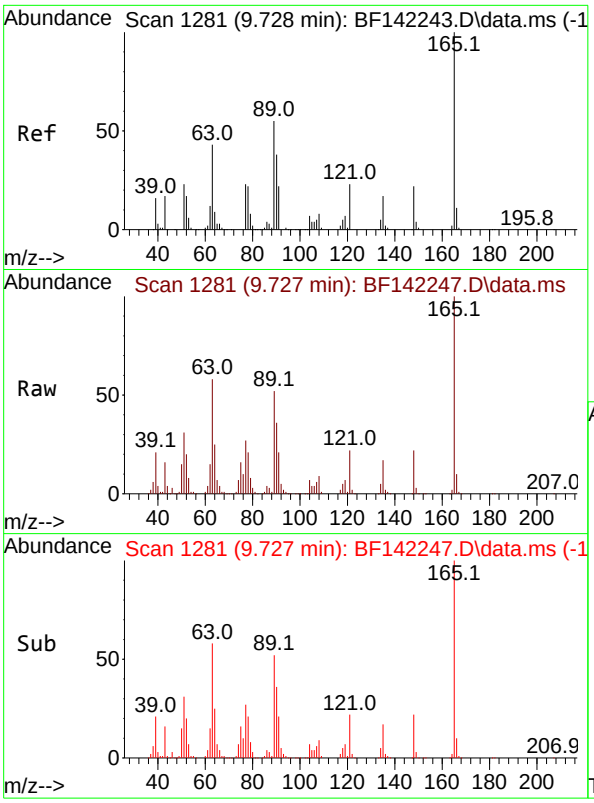


#50
Dimethylphthalate
Concen: 42.054 ng
RT: 9.669 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:163 Resp: 1025498

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.1	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 45.376 ng
RT: 9.727 min Scan# 1
Delta R.T. -0.001 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:165 Resp: 21110

Ion	Ratio	Lower	Upper
165	100		
63	58.0	48.5	72.7
89	52.2	43.9	65.9

Instrument :
BNA_F
ClientSampleId :
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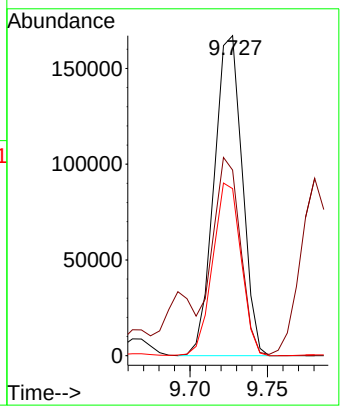
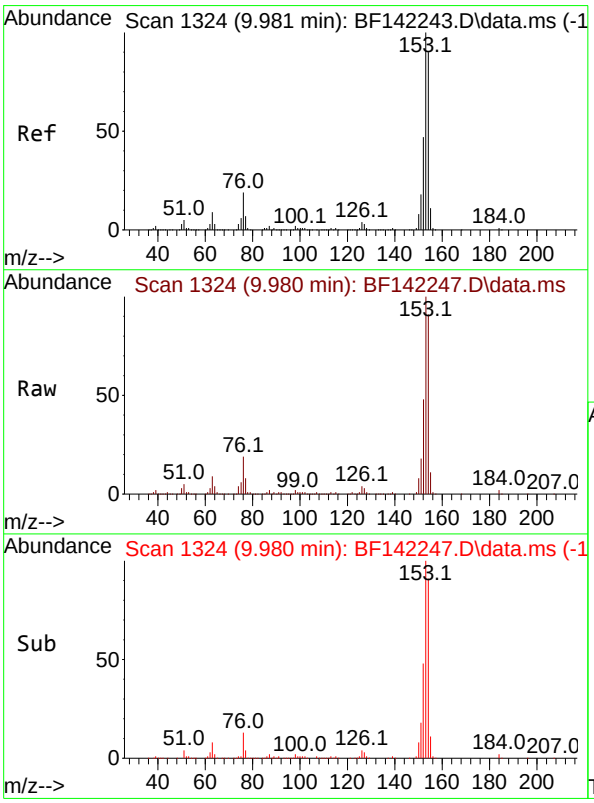
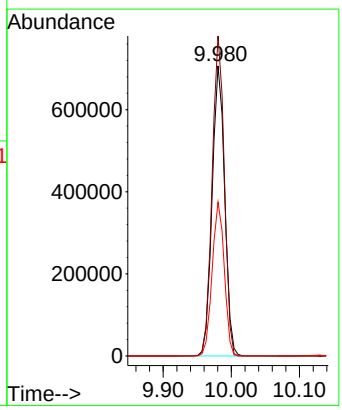


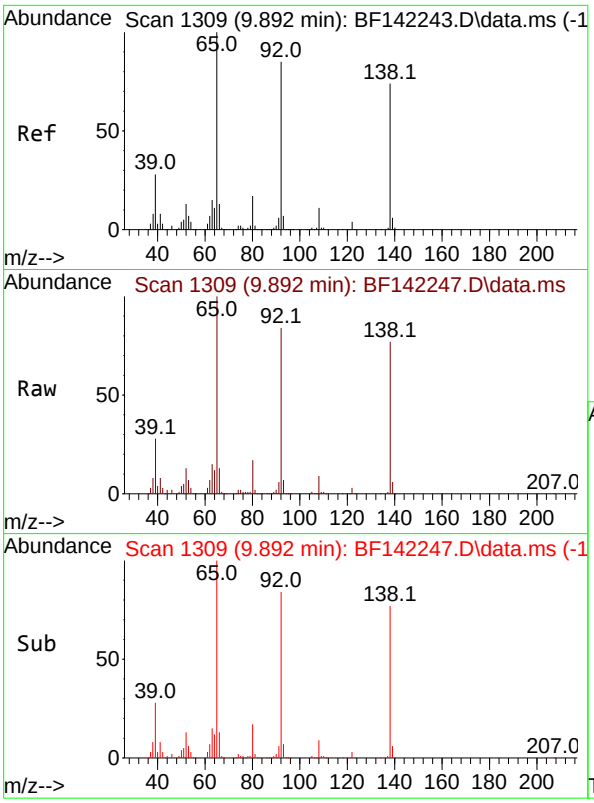


#52
Acenaphthene
Concen: 41.631 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:154 Resp: 904325

Ion	Ratio	Lower	Upper
154	100		
153	110.3	88.6	133.0
152	53.0	42.1	63.1





#53
3-Nitroaniline
Concen: 45.509 ng
RT: 9.892 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:138 Resp: 25792

Ion	Ratio	Lower	Upper
138	100		
108	11.7	11.7	17.5
92	109.7	91.2	136.8

Instrument :
BNA_F
ClientSampleId :
ICVBF043025

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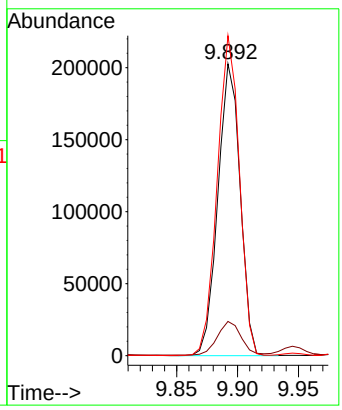
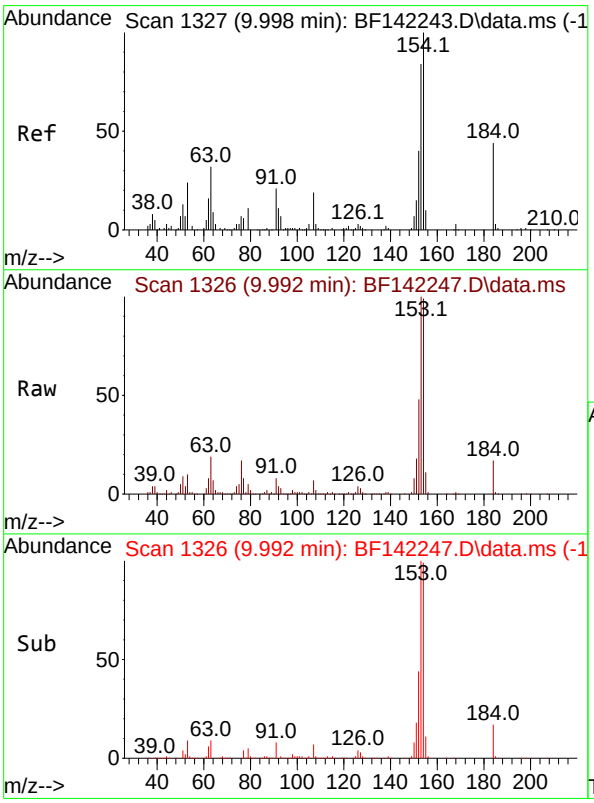
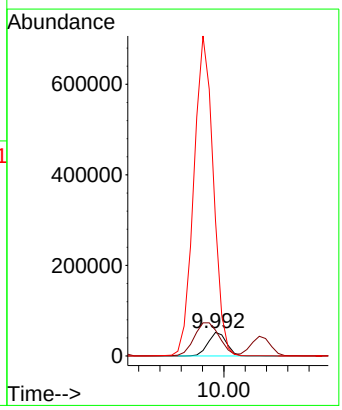


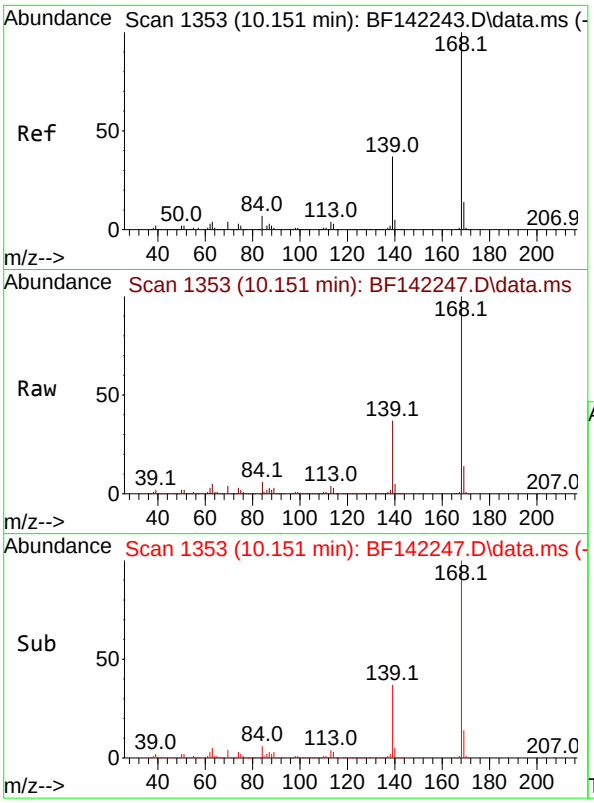


#54
2,4-Dinitrophenol
Concen: 49.090 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:184 Resp: 62568

Ion	Ratio	Lower	Upper
184	100		
63	109.3	69.2	103.8#
154	577.6	271.4	407.2#

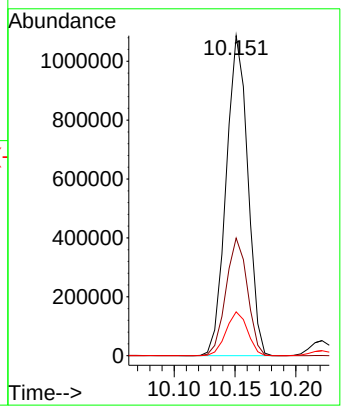




#55
Dibenzofuran
Concen: 41.181 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:168 Resp: 134093

Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.4	44.0
169	13.7	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
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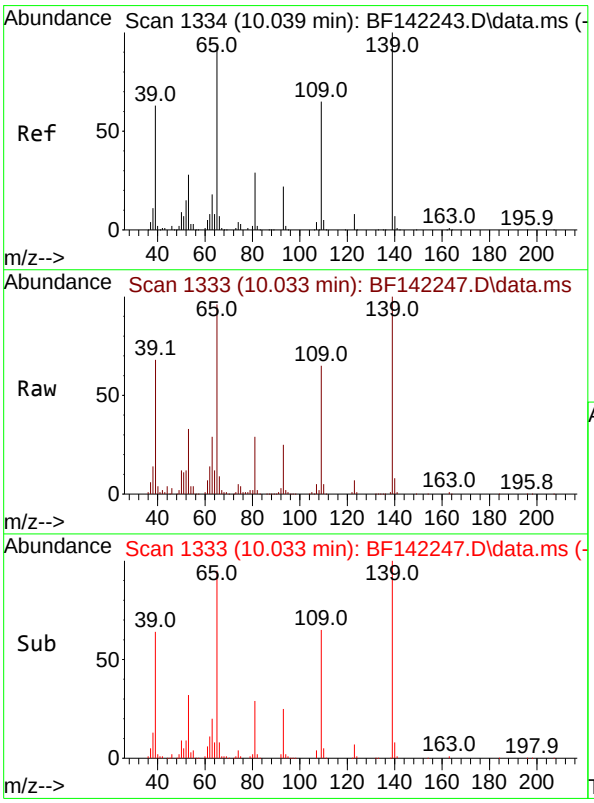
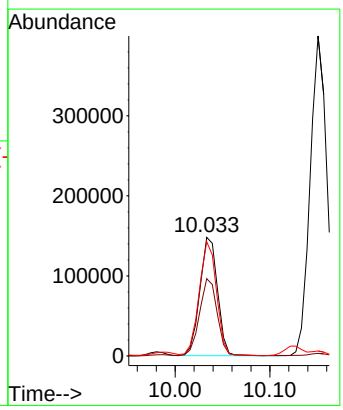
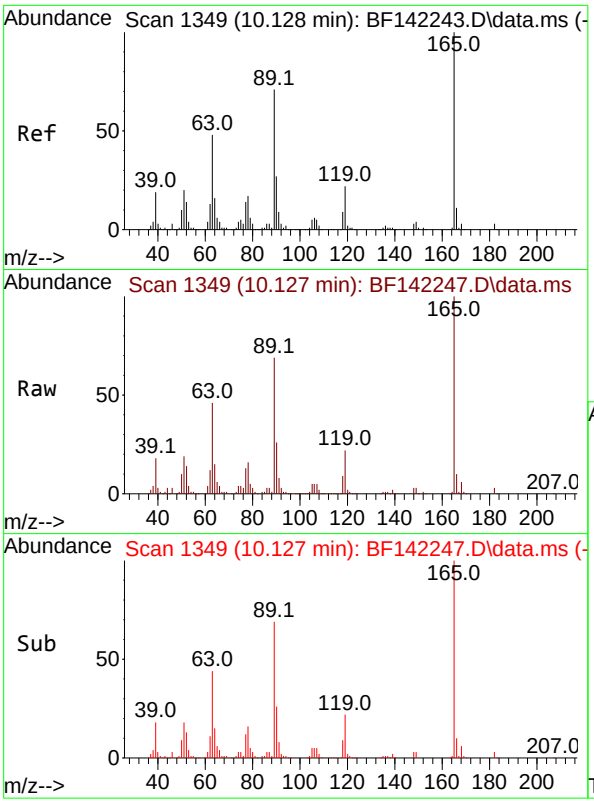


#56
4-Nitrophenol
Concen: 49.952 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:139 Resp: 191463

Ion	Ratio	Lower	Upper
139	100		
109	65.2	44.9	84.9
65	96.4	74.7	114.7

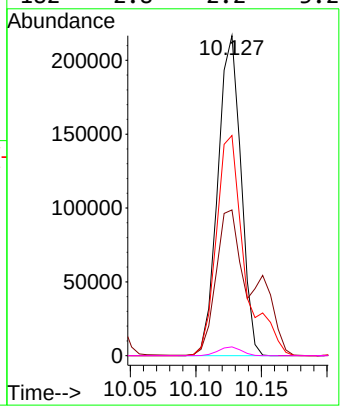




#57
2,4-Dinitrotoluene
Concen: 46.994 ng
RT: 10.127 min Scan# 1
Delta R.T. -0.001 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:165 Resp: 26541

Ion	Ratio	Lower	Upper
165	100		
63	45.6	38.8	58.2
89	68.8	57.1	85.7
182	2.8	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
ICVBF043025

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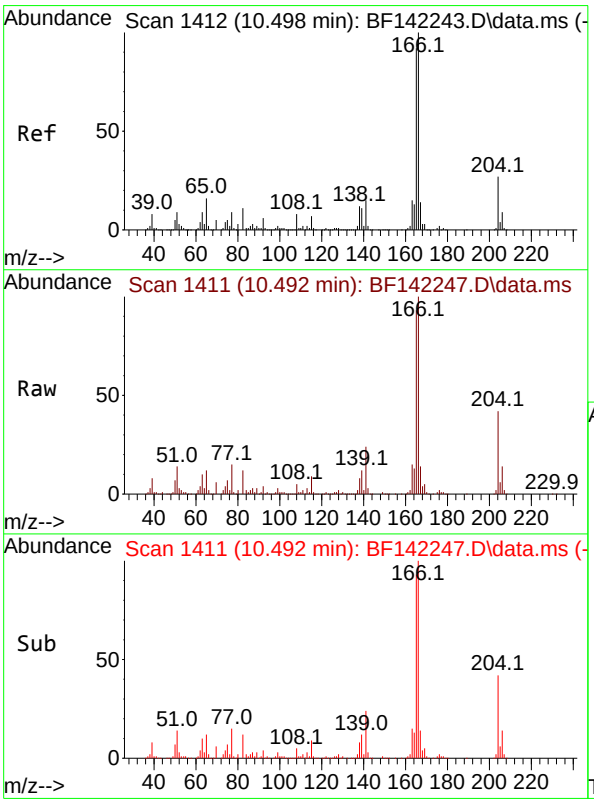
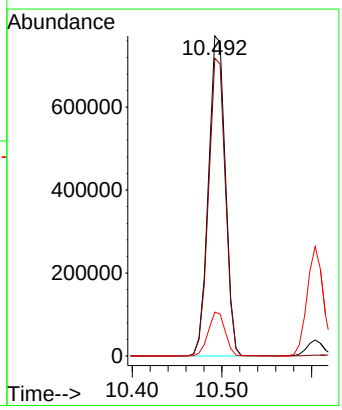
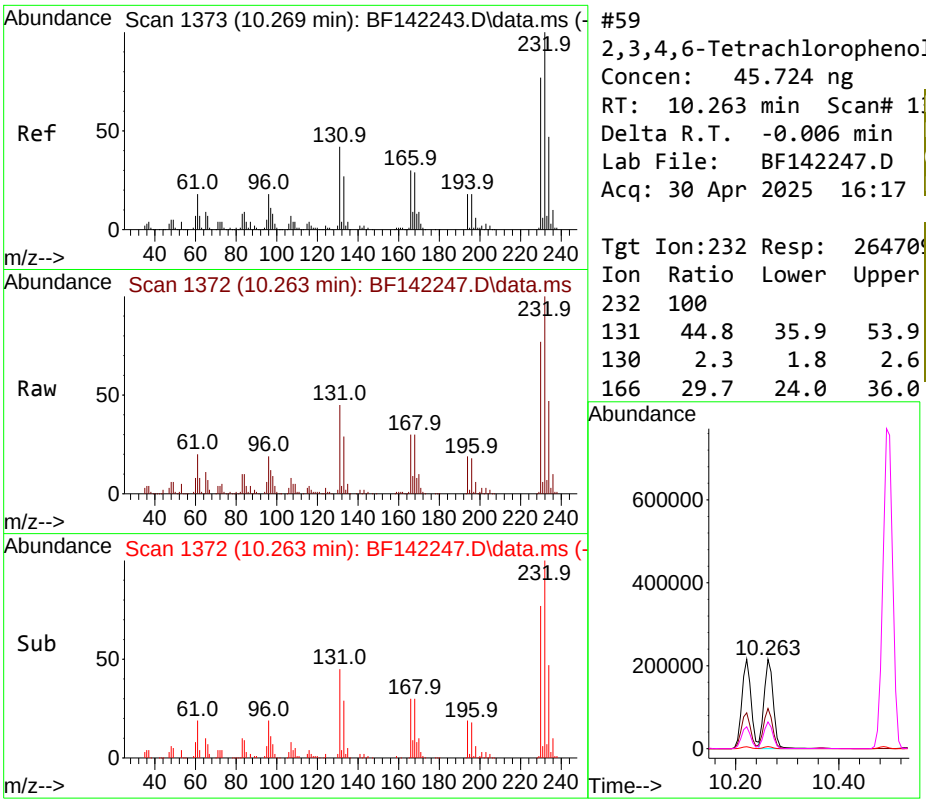


#58
Fluorene
Concen: 40.714 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:166 Resp: 1008032

Ion	Ratio	Lower	Upper
166	100		
165	93.0	73.9	110.9
167	13.7	10.8	16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.724 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:232 Resp: 26470

Ion	Ratio	Lower	Upper
232	100		
131	44.8	35.9	53.9
130	2.3	1.8	2.6
166	29.7	24.0	36.0

Instrument :
BNA_F
ClientSampleId :
ICVBF043025

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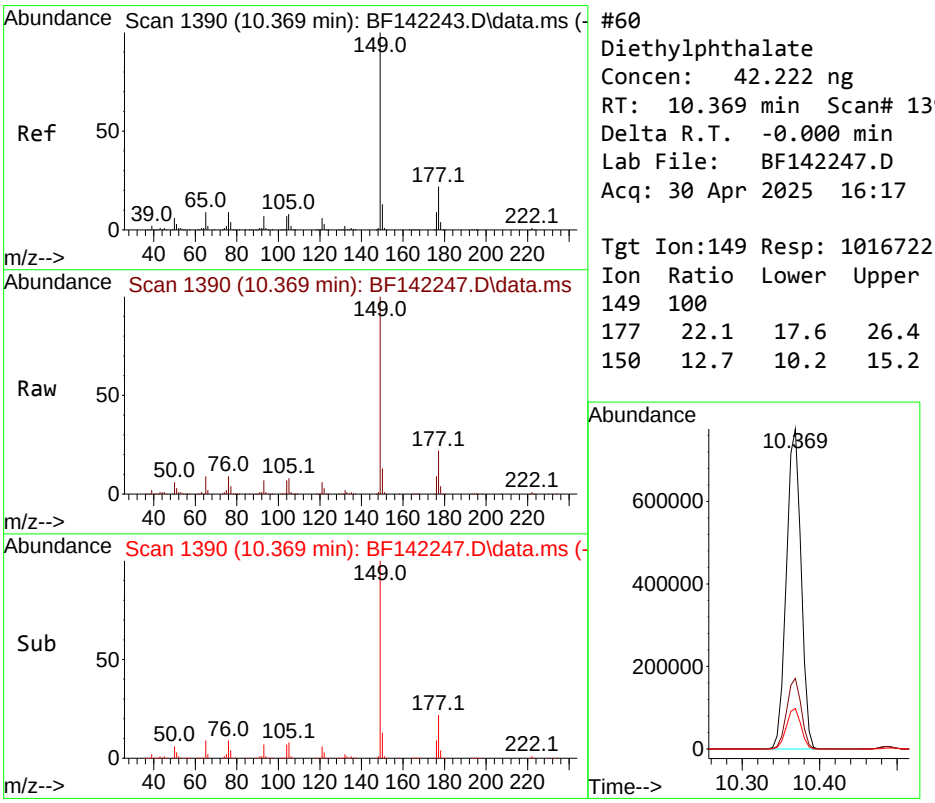
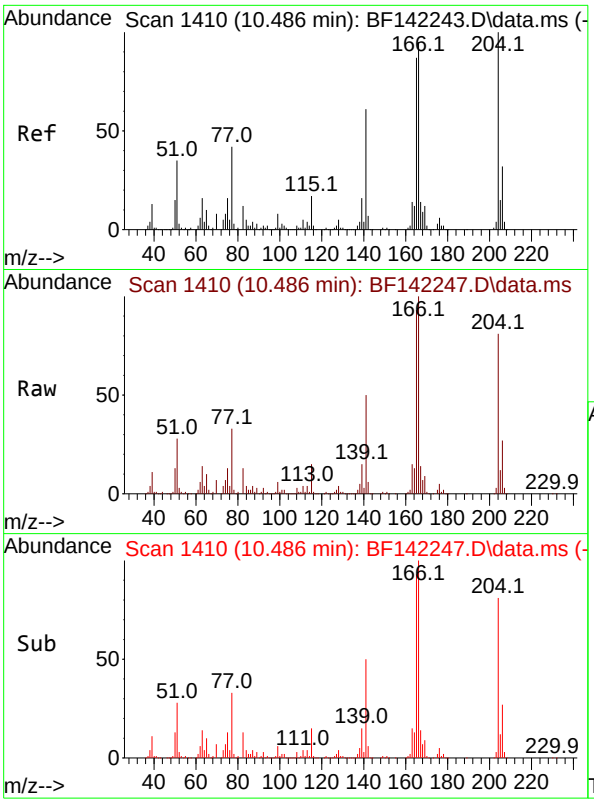


#60
Diethylphthalate
Concen: 42.222 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:149 Resp: 1016722

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.6	26.4
150	12.7	10.2	15.2



#61
4-Chlorophenyl-phenylether
Concen: 40.626 ng
RT: 10.486 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:204 Resp: 47768

Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.6	38.4
141	61.2	48.9	73.3

Instrument :
BNA_F
ClientSampleId :
ICVBF043025

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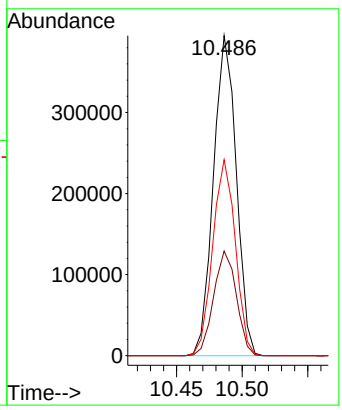
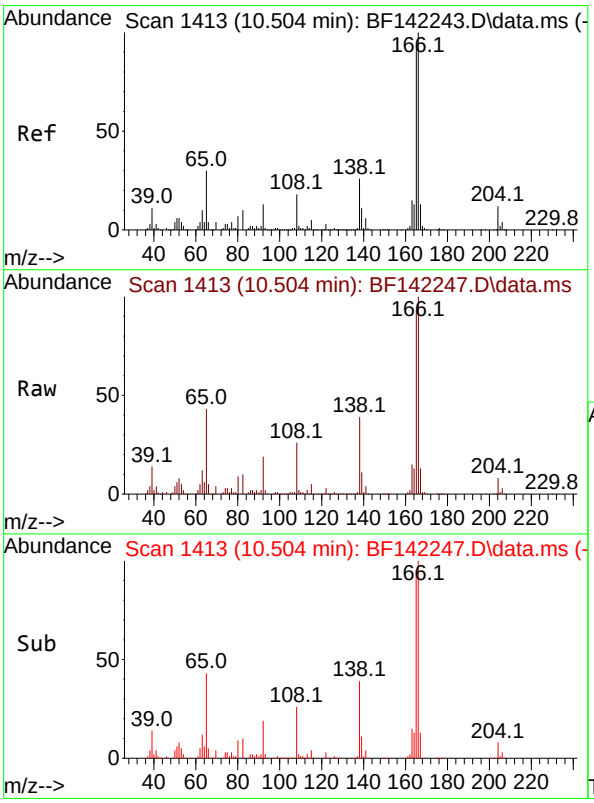
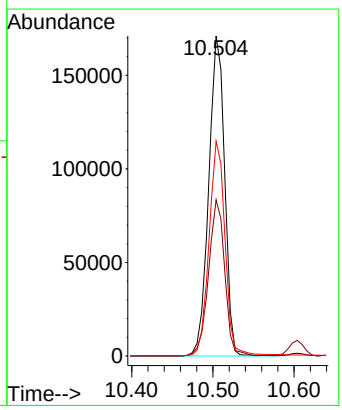


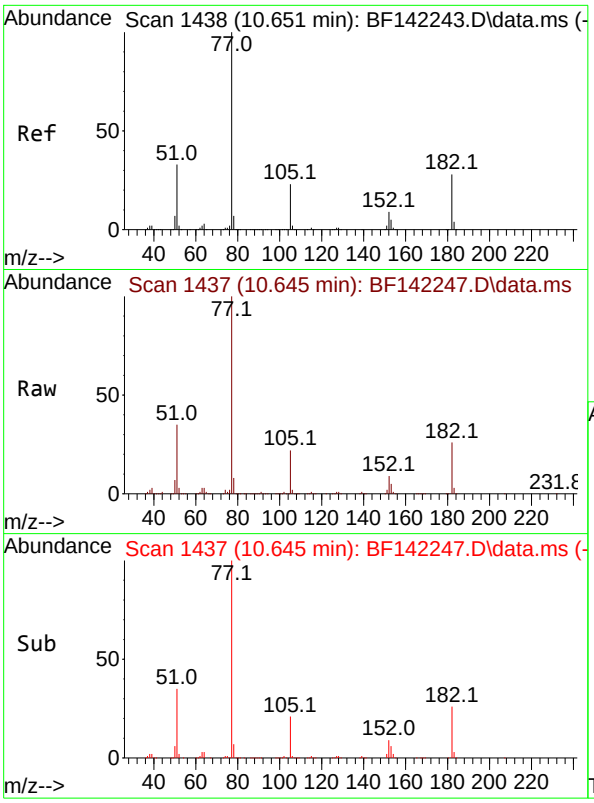


#62
4-Nitroaniline
Concen: 45.070 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:138 Resp: 232165

Ion	Ratio	Lower	Upper
138	100		
92	48.8	29.2	69.2
108	67.1	49.1	89.1

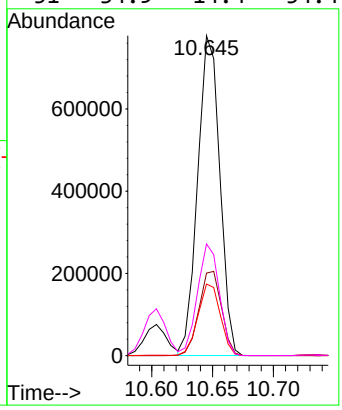




#63
Azobenzene
Concen: 41.400 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion: 77 Resp: 98444

Ion	Ratio	Lower	Upper
77	100		
182	25.8	7.3	47.3
105	22.4	2.5	42.5
51	34.9	14.4	54.4



Instrument :
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ClientSampleId :
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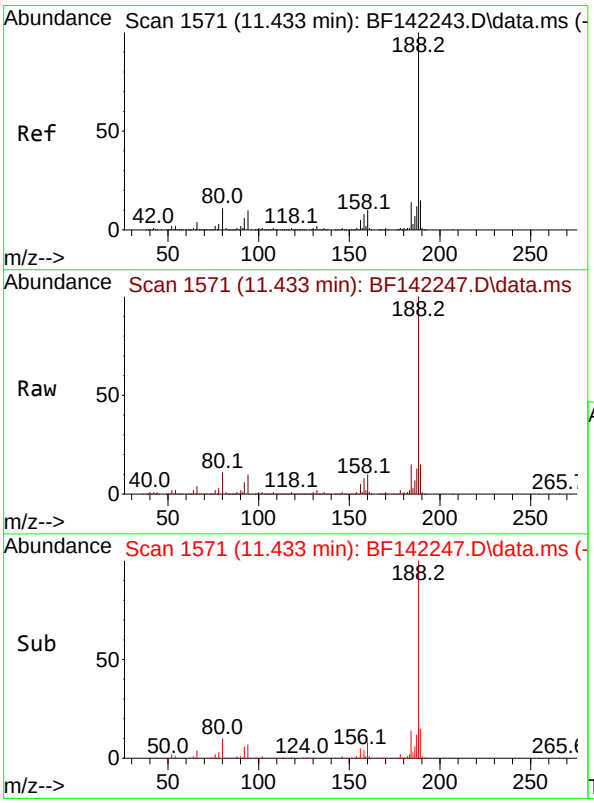
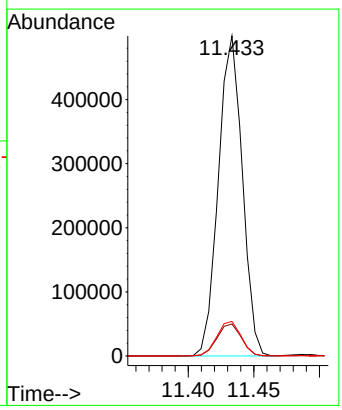
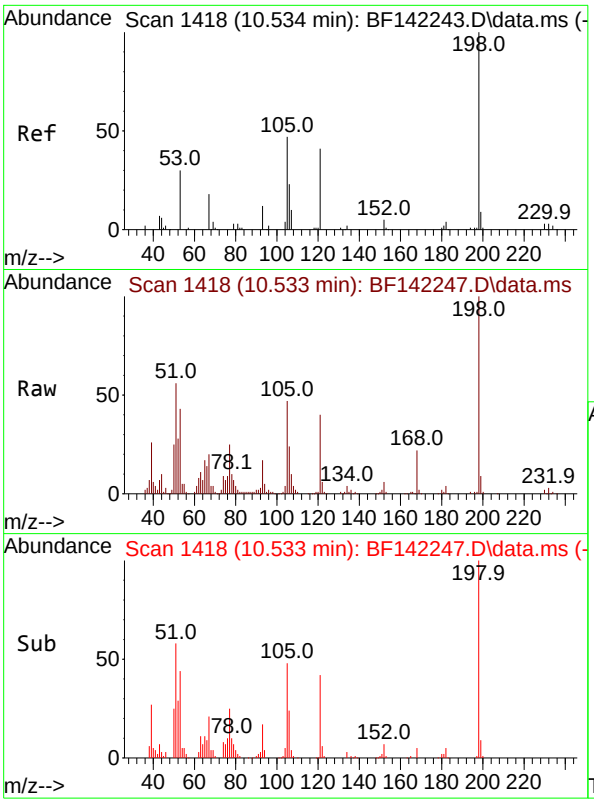


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:188 Resp: 633040

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.2	12.2
80	10.8	8.6	12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 46.598 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.001 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:198 Resp: 9634

Ion	Ratio	Lower	Upper
198	100		
51	56.1	40.6	80.6
105	46.7	29.2	69.2

Instrument :
BNA_F
ClientSampleId :
ICVBF043025

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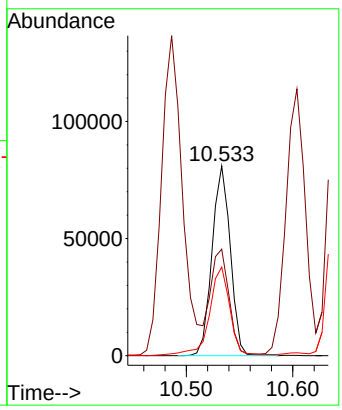
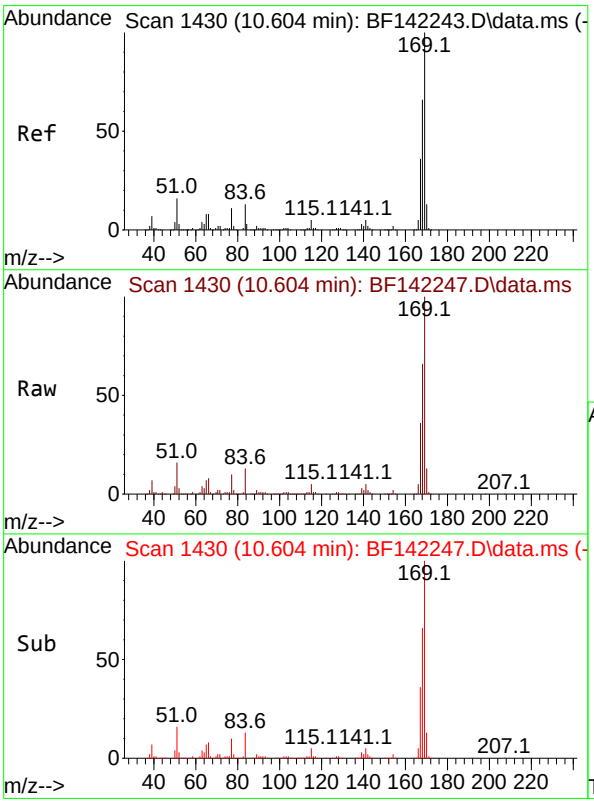
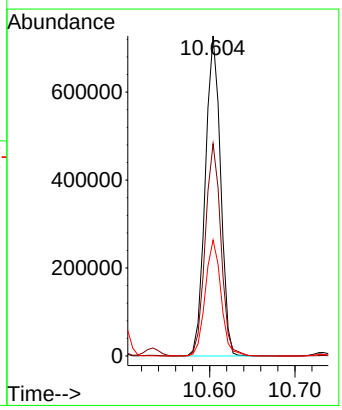


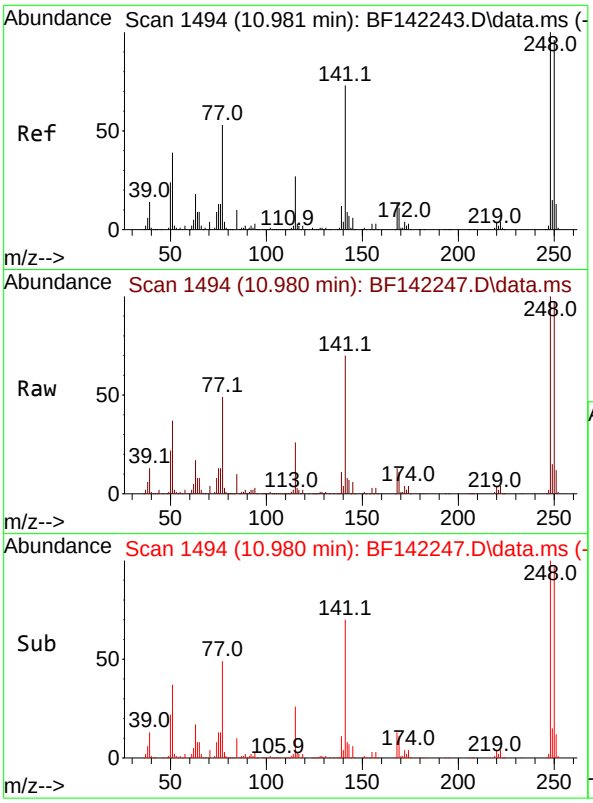


#66
n-Nitrosodiphenylamine
Concen: 41.816 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:169 Resp: 904466

Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.0	79.6
167	36.3	28.8	43.2

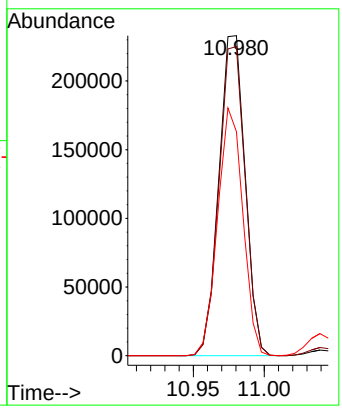




#67
4-Bromophenyl-phenylether
Concen: 42.497 ng
RT: 10.980 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:248 Resp: 29960

Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.2	115.8
141	70.0	58.4	87.6



Instrument :
BNA_F
ClientSampleId :
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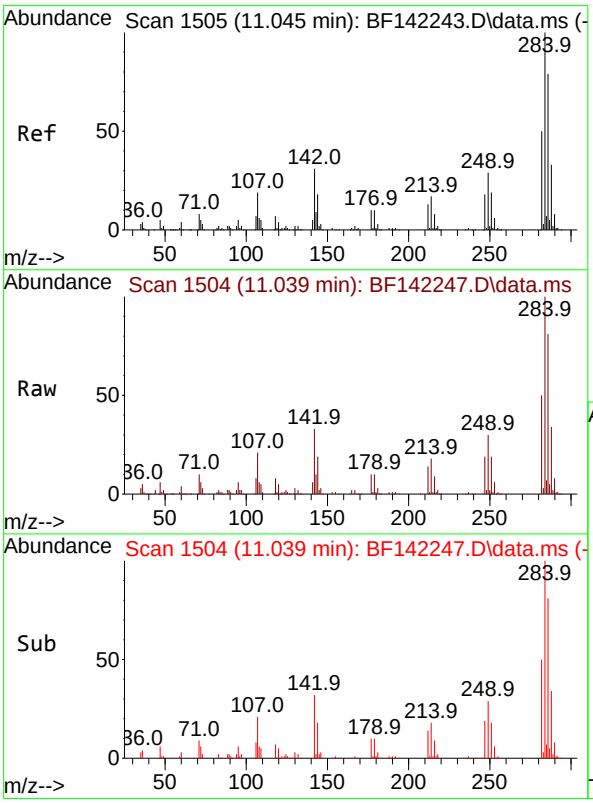
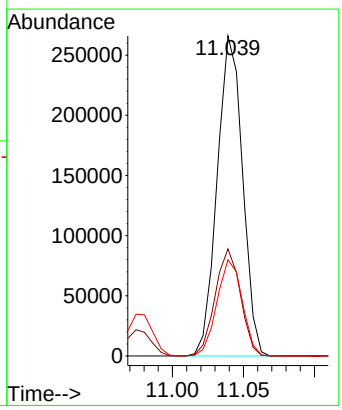
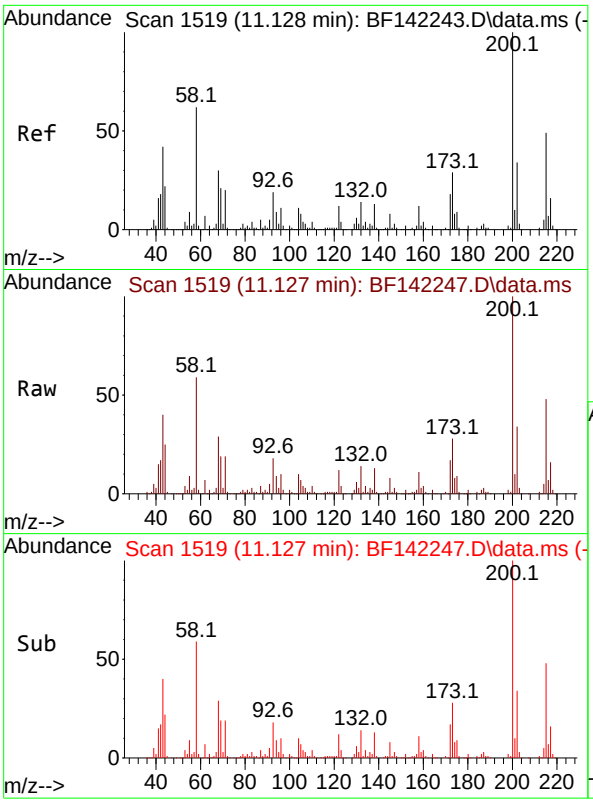


#68
Hexachlorobenzene
Concen: 41.800 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:284 Resp: 330048

Ion	Ratio	Lower	Upper
284	100		
142	33.5	24.6	37.0
249	30.1	23.2	34.8

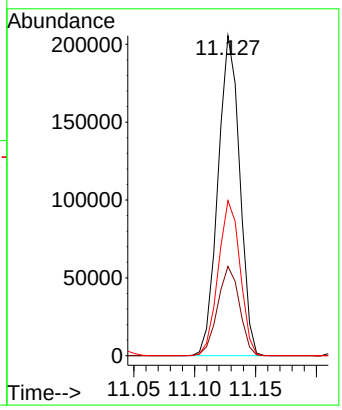




#69
Atrazine
Concen: 44.732 ng
RT: 11.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:200 Resp: 25503

Ion	Ratio	Lower	Upper
200	100		
173	27.9	8.6	48.6
215	48.4	28.5	68.5



Instrument :
BNA_F
ClientSampleId :
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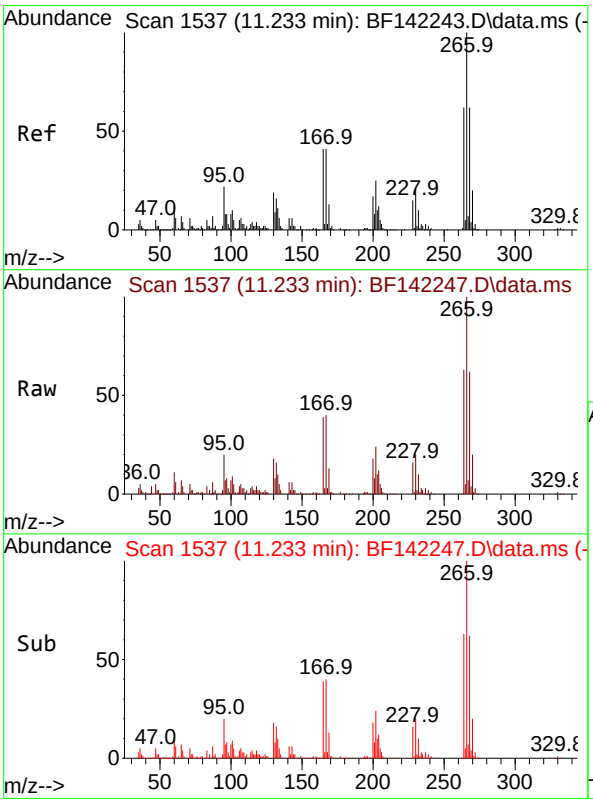
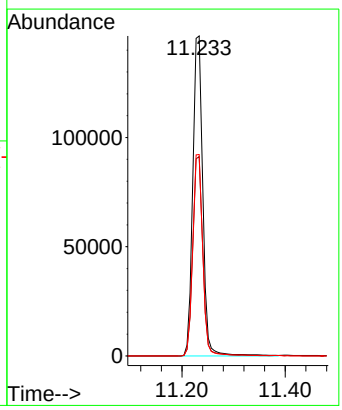
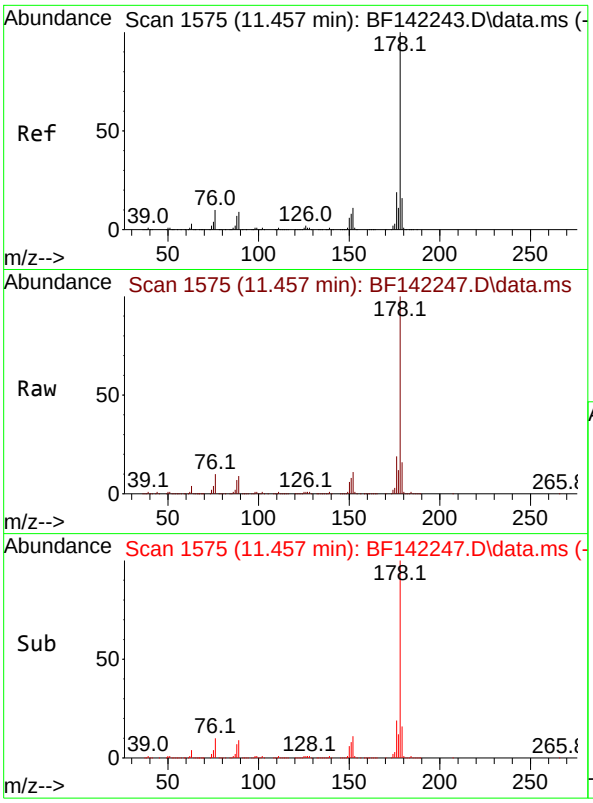


#70
Pentachlorophenol
Concen: 47.342 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:266 Resp: 197476

Ion	Ratio	Lower	Upper
266	100		
268	62.3	50.0	75.0
264	62.9	49.3	73.9

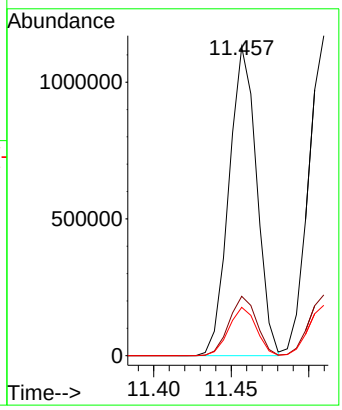




#71
Phenanthrene
Concen: 40.955 ng
RT: 11.457 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:178 Resp: 140043

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.6	12.6	19.0



Instrument :
BNA_F
ClientSampleId :
ICVBF043025

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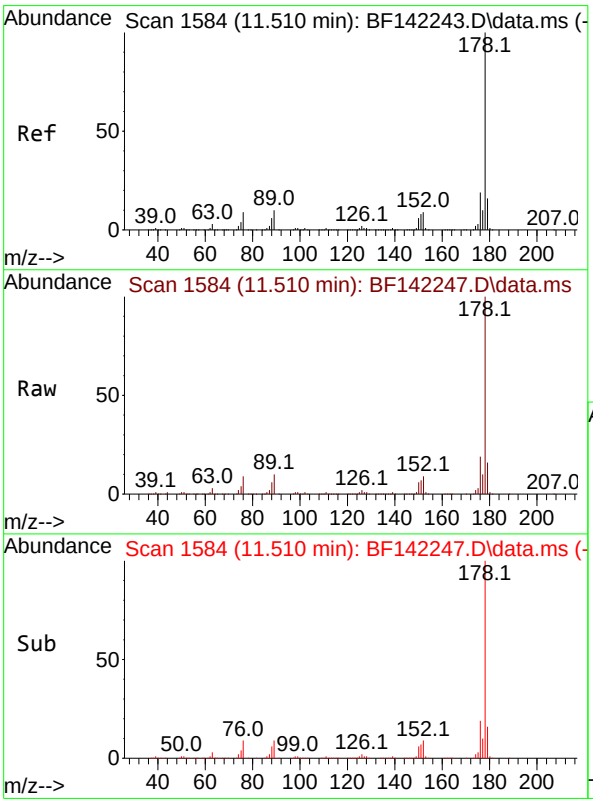
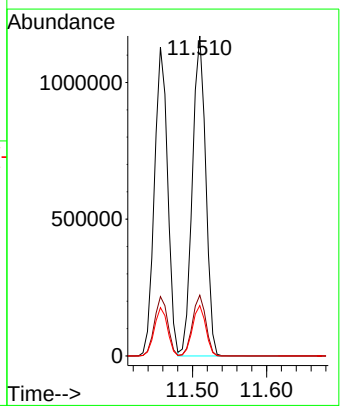
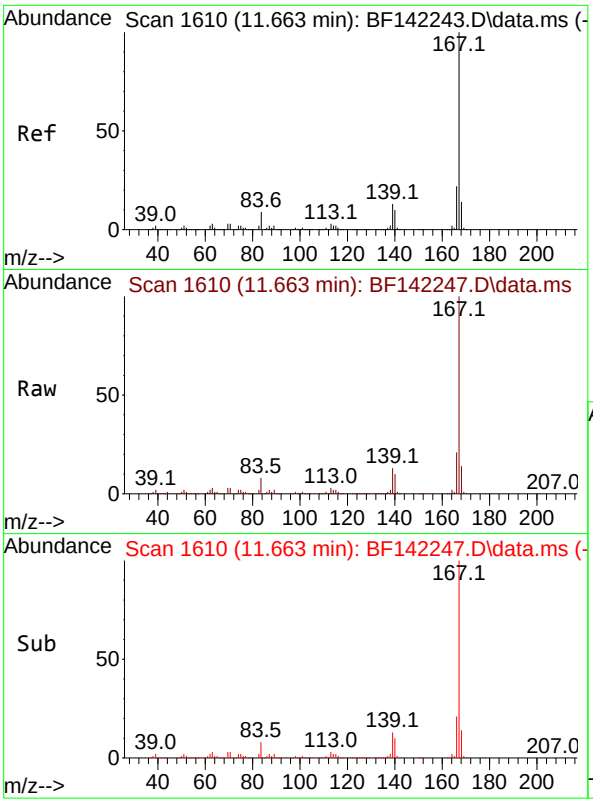


#72
Anthracene
Concen: 41.854 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:178 Resp: 1463247

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.8	12.7	19.1

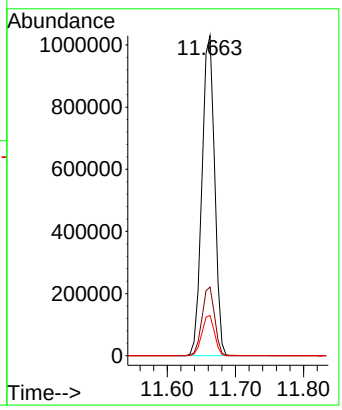




#73
Carbazole
Concen: 41.793 ng
RT: 11.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:167 Resp: 133285

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.3	25.9
139	12.5	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
ICVBF043025

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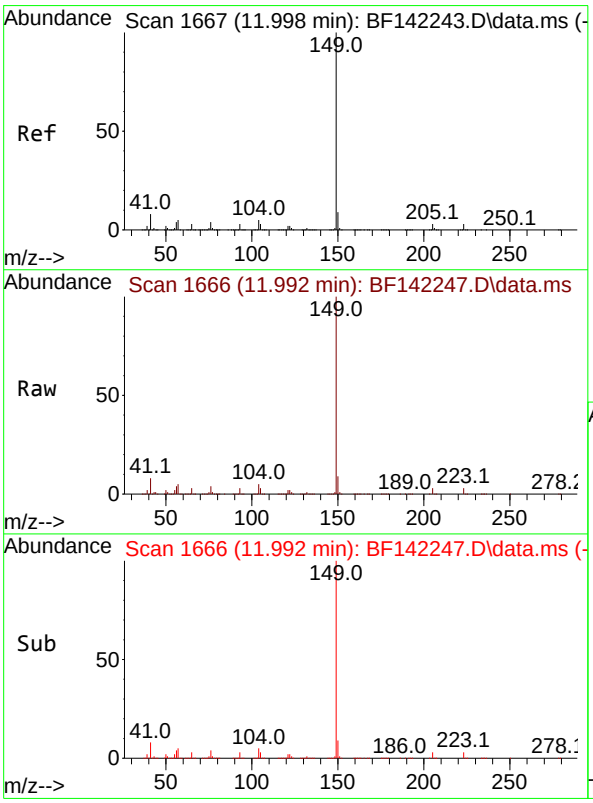
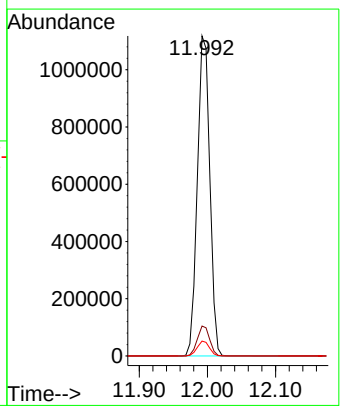
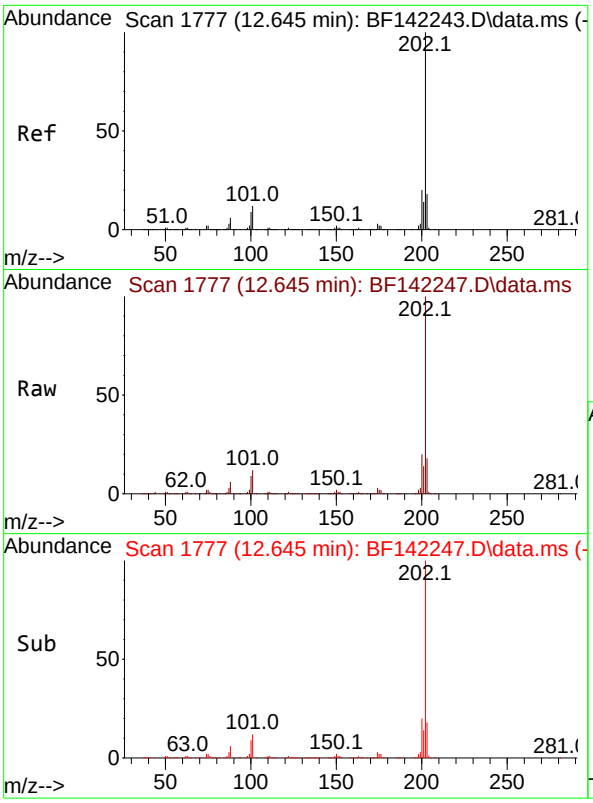


#74
Di-n-butylphthalate
Concen: 44.051 ng
RT: 11.992 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:149 Resp: 1412919

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.6	3.6	5.4

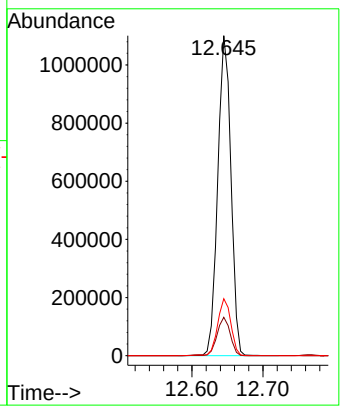




#75
Fluoranthene
Concen: 41.690 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:202 Resp: 140918

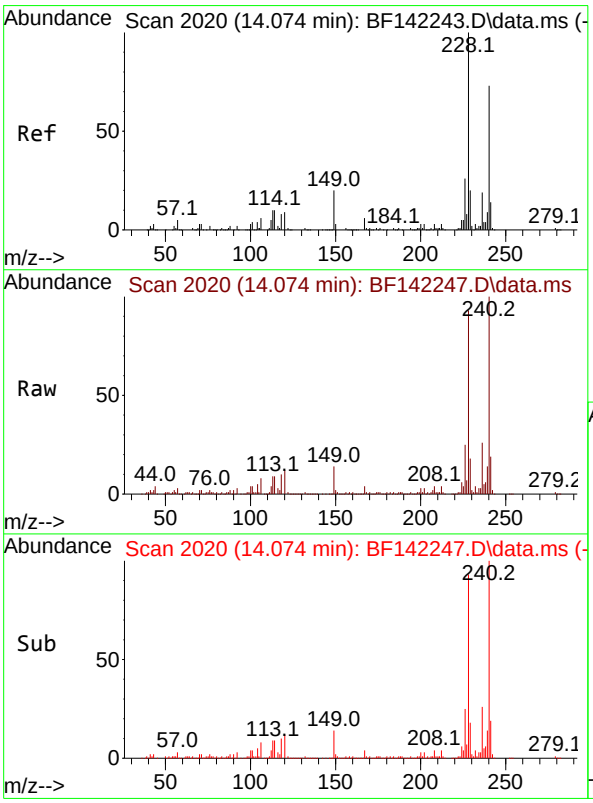
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.4
203	17.8	0.0	37.5



Instrument :
BNA_F
ClientSampleId :
ICVBF043025

Manual Integrations
APPROVED

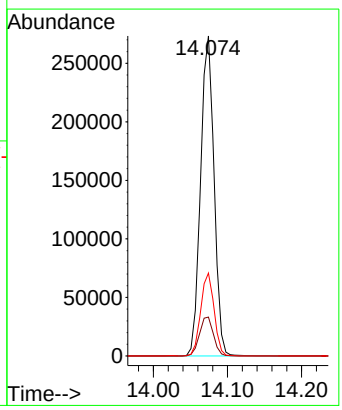
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

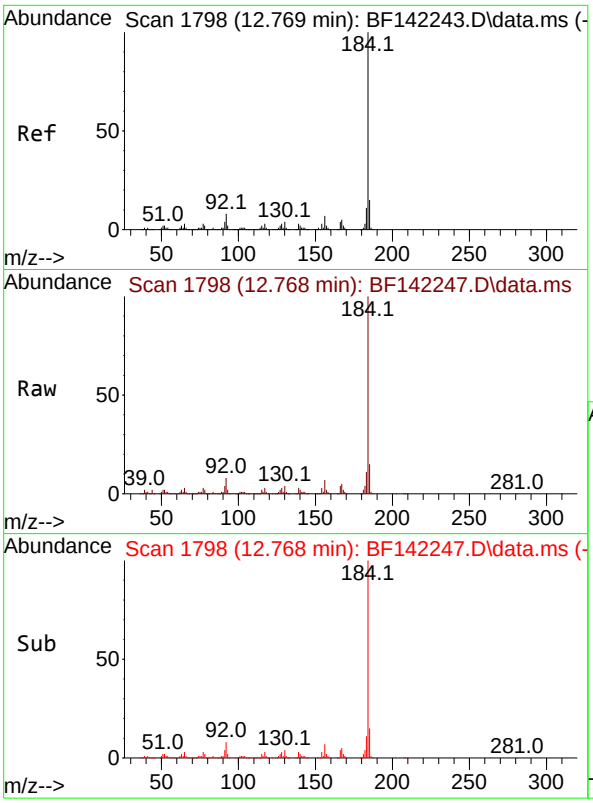


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:240 Resp: 345729

Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.1	15.1
236	25.9	20.5	30.7

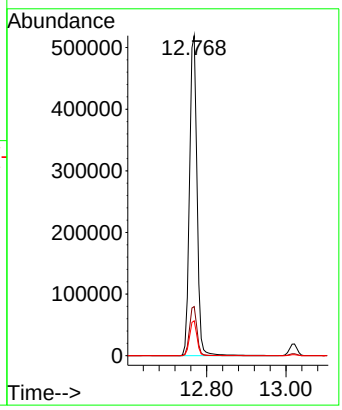




#77
Benzidine
Concen: 46.435 ng
RT: 12.768 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:184 Resp: 68215

Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.8	17.6
183	10.9	8.9	13.3



Instrument :
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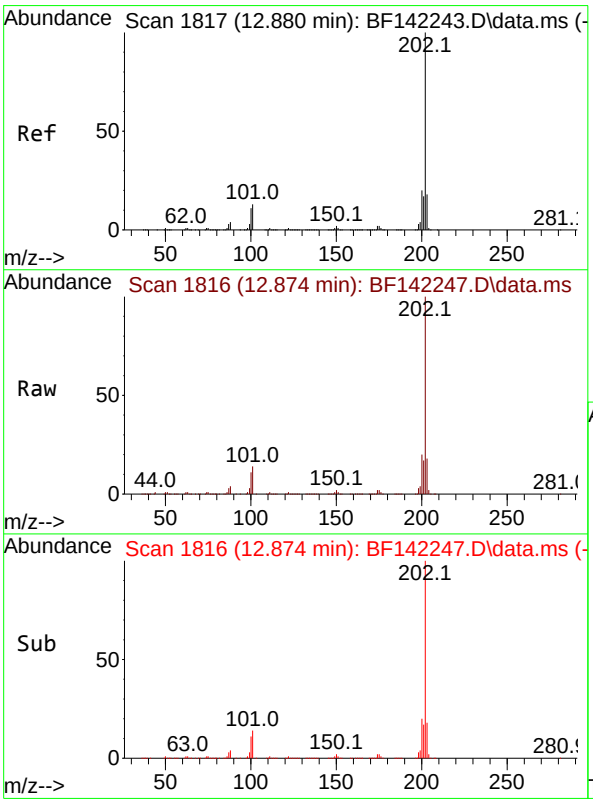
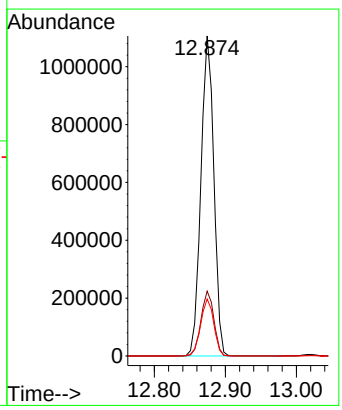
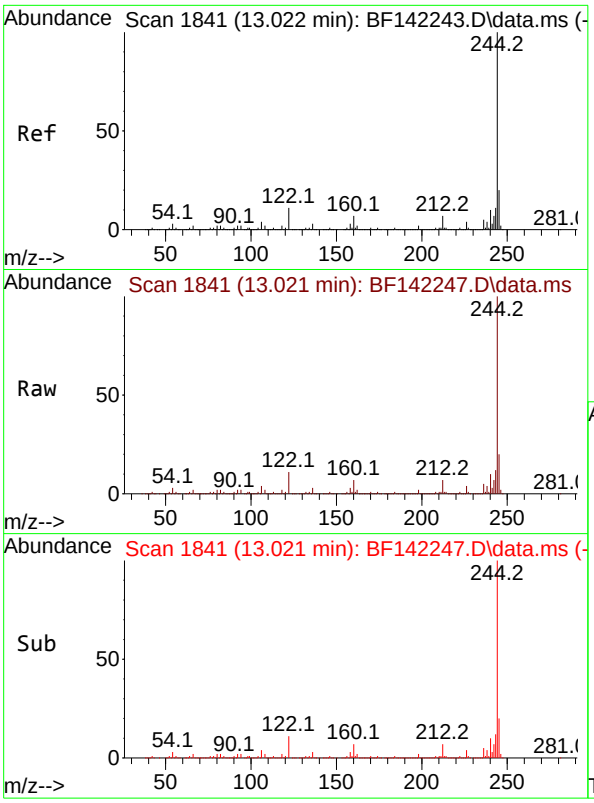


#78
Pyrene
Concen: 44.082 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:202 Resp: 1405875

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.1	24.1
203	17.8	14.1	21.1

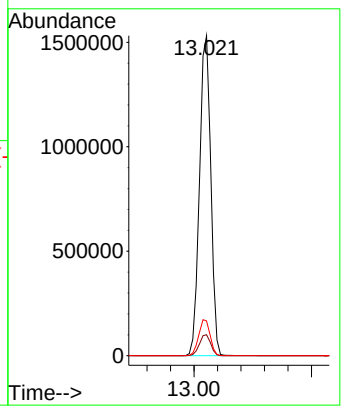




#79
Terphenyl-d14
Concen: 85.716 ng
RT: 13.021 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:244 Resp: 203756

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.3	7.9
122	10.9	9.1	13.7



Instrument :
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ClientSampleId :
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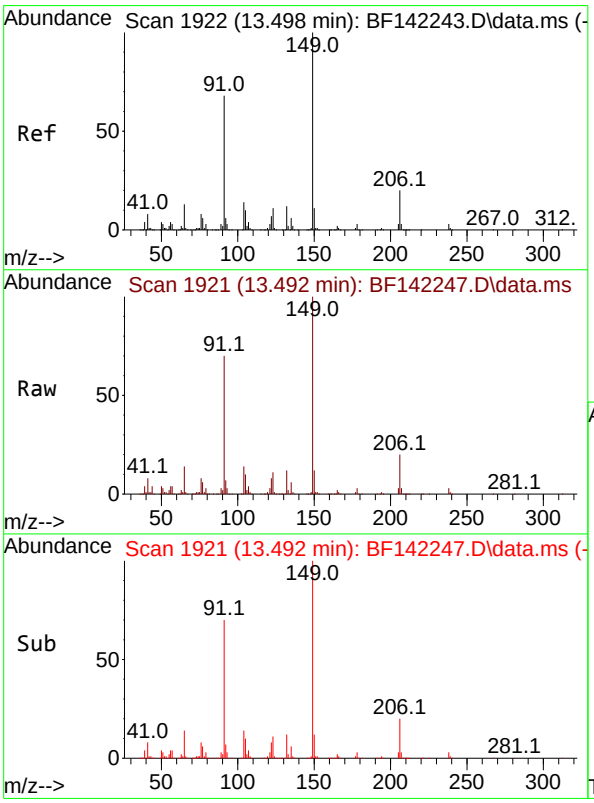
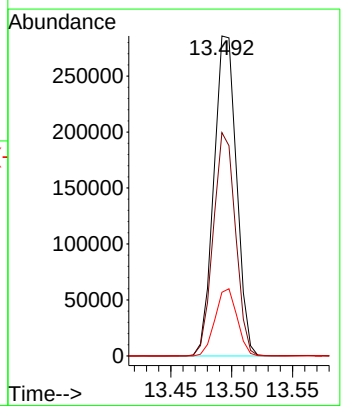
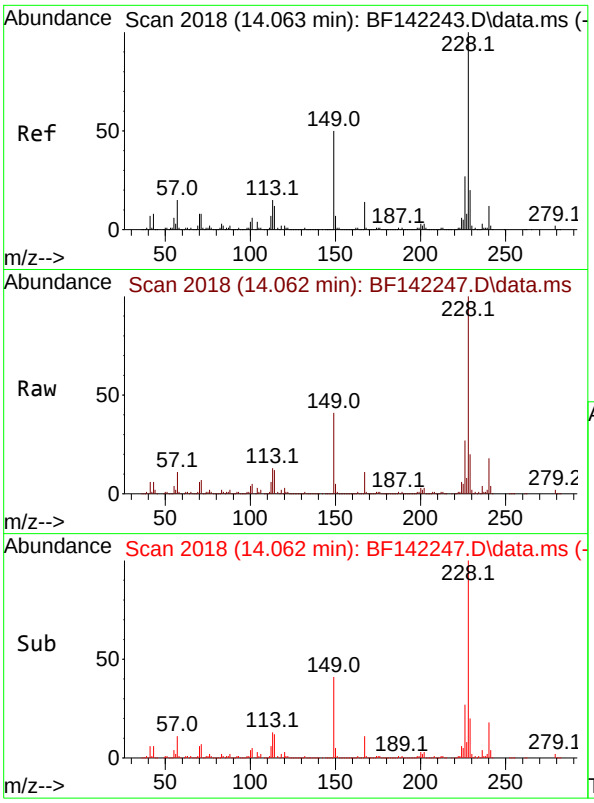


#80
Butylbenzylphthalate
Concen: 42.984 ng
RT: 13.492 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:149 Resp: 371146

Ion	Ratio	Lower	Upper
149	100		
91	69.8	54.4	81.6
206	19.9	15.9	23.9

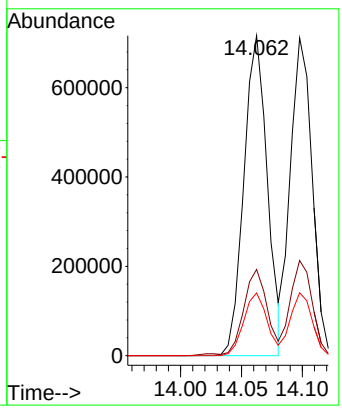




#81
Benzo(a)anthracene
Concen: 41.383 ng
RT: 14.062 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:228 Resp: 96048

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.9	32.9
229	19.6	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
ICVBF043025

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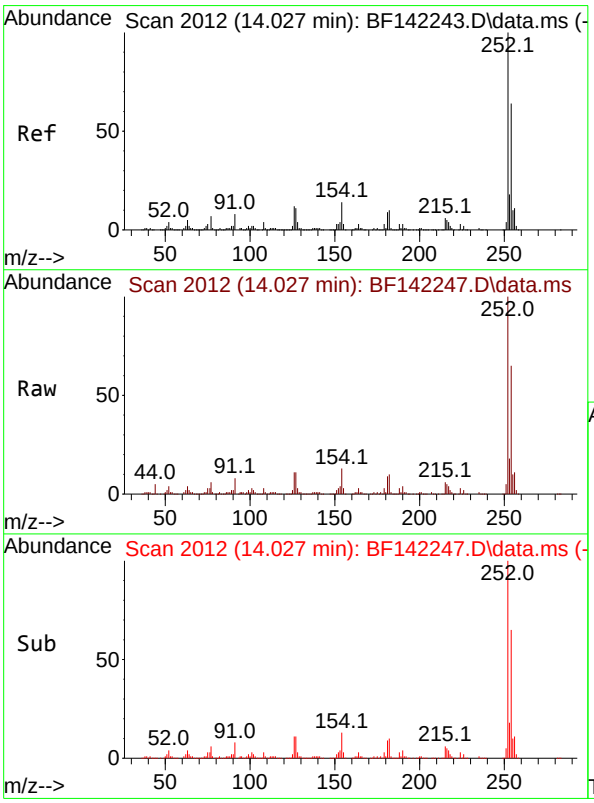
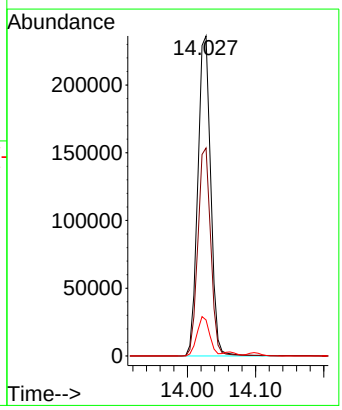
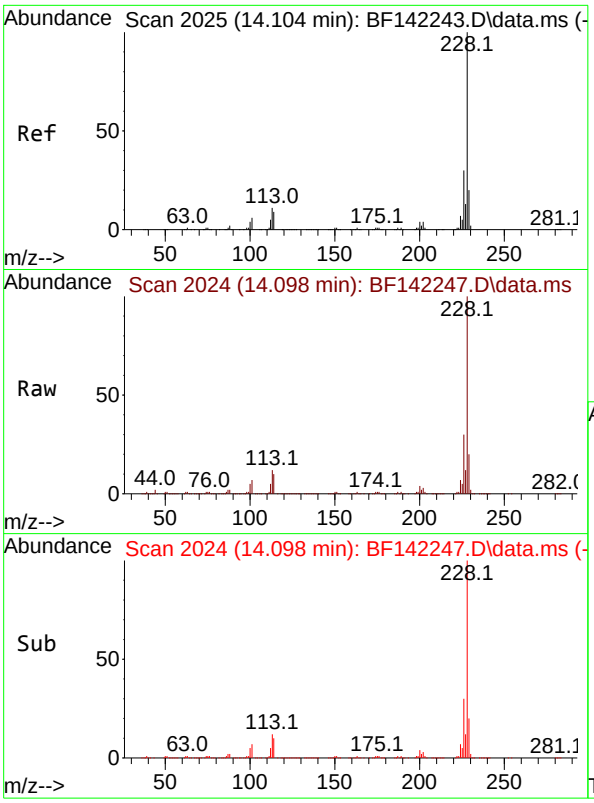


#82
3,3'-Dichlorobenzidine
Concen: 45.495 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:252 Resp: 310153

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.0	76.6
126	11.3	9.4	14.2

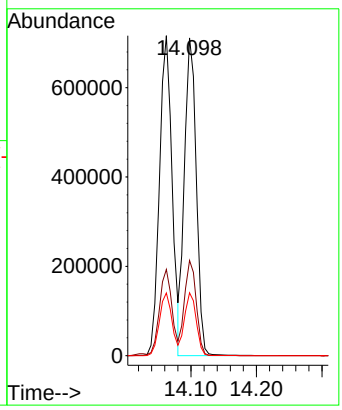




#83
Chrysene
Concen: 42.158 ng
RT: 14.098 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:228 Resp: 89067

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	19.8	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
ICVBF043025

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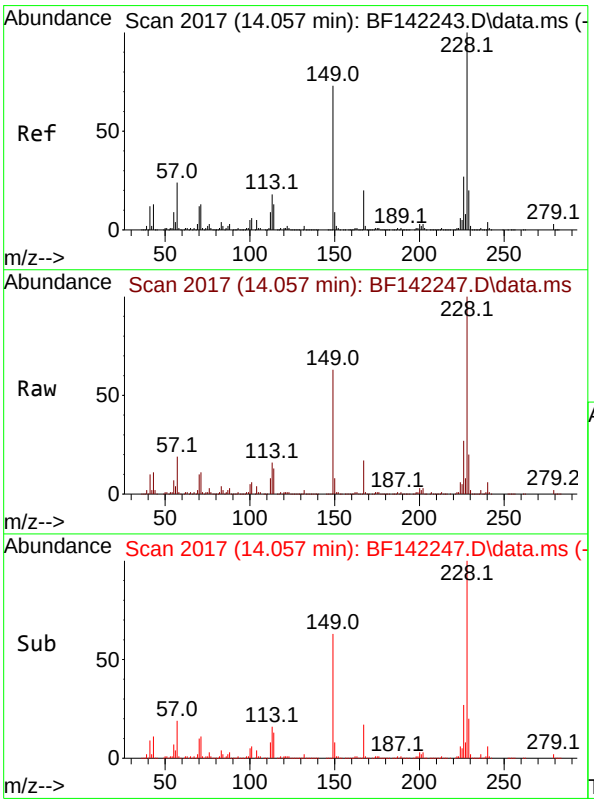
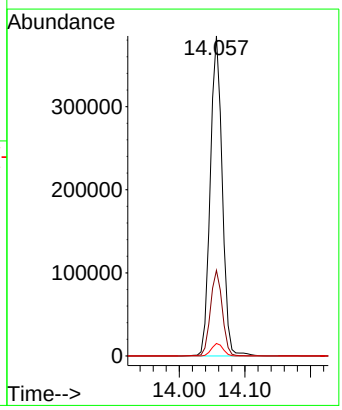
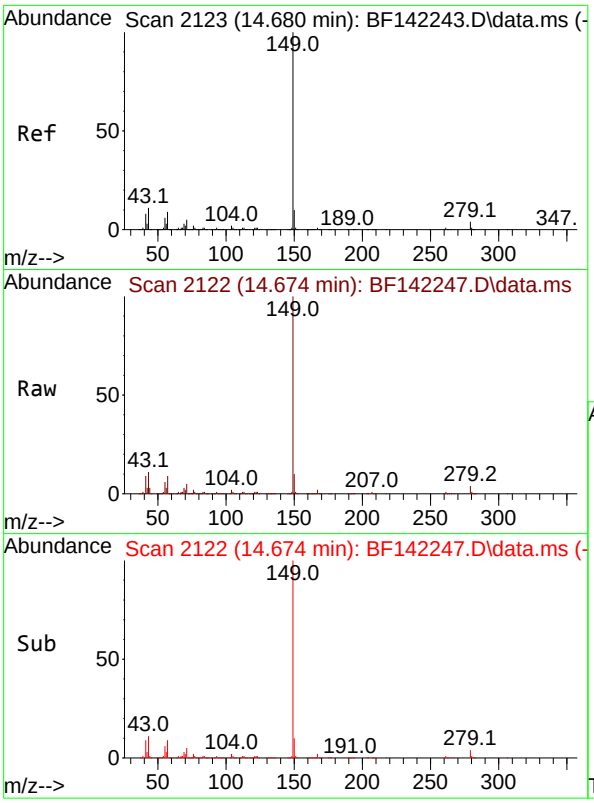


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.882 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:149 Resp: 487122

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.7	32.5
279	3.9	3.0	4.4

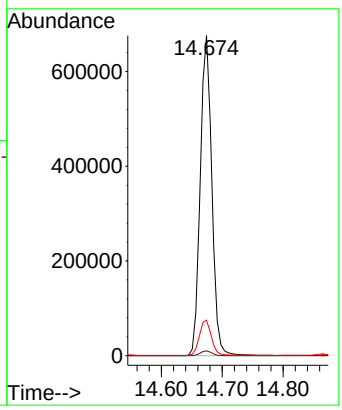




#85
Di-n-octyl phthalate
Concen: 41.178 ng
RT: 14.674 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:149 Resp: 88984

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.4	9.3	13.9



Instrument :
BNA_F
ClientSampleId :
ICVBF043025

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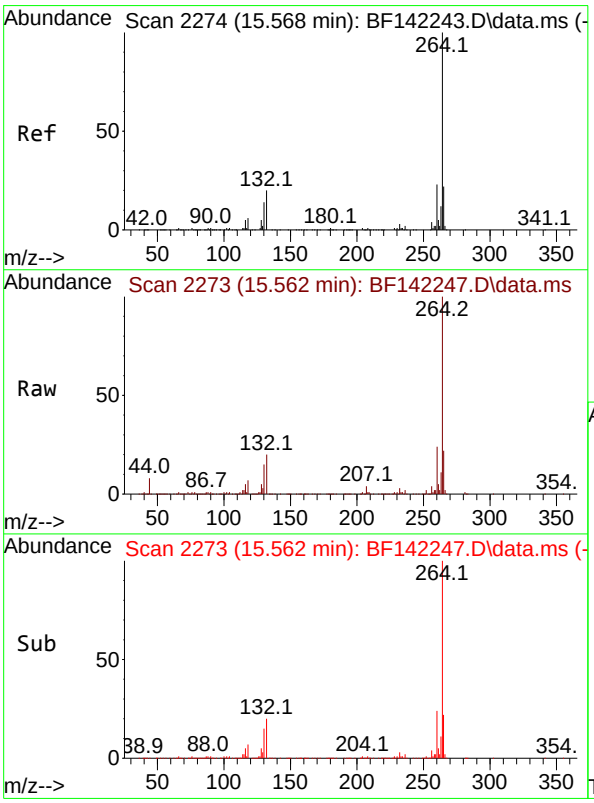
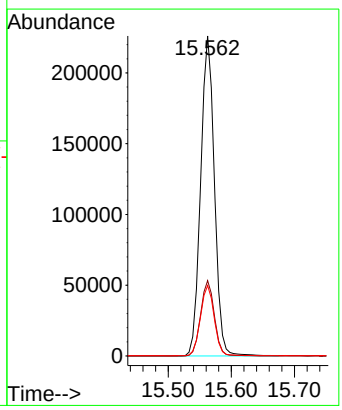
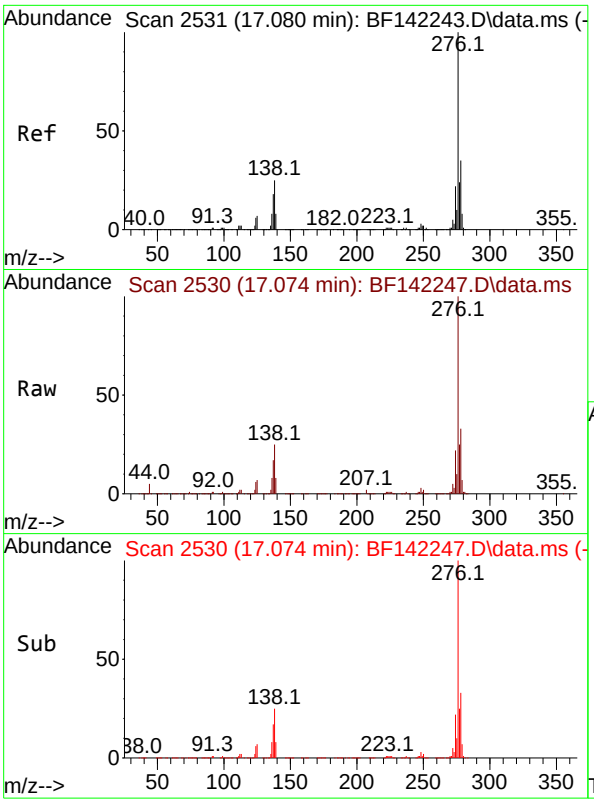


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:264 Resp: 342826

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	22.0	17.3	25.9

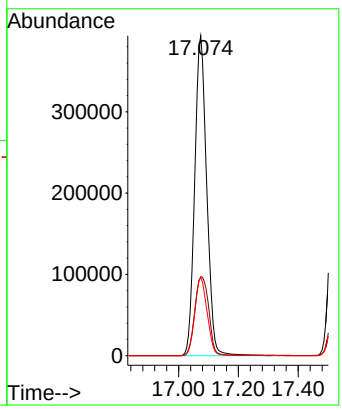




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.757 ng
RT: 17.074 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:276 Resp: 109877

Ion	Ratio	Lower	Upper
276	100		
138	28.7	22.6	33.8
277	25.1	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
ICVBF043025

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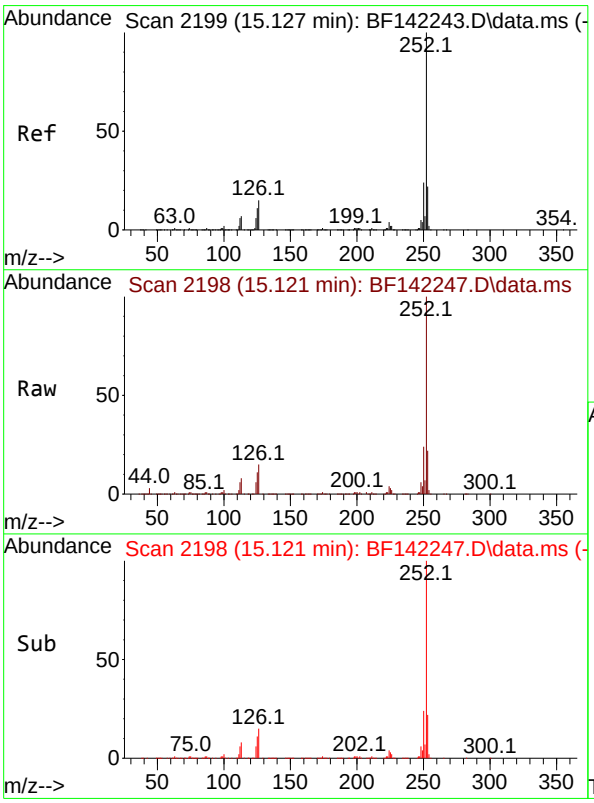
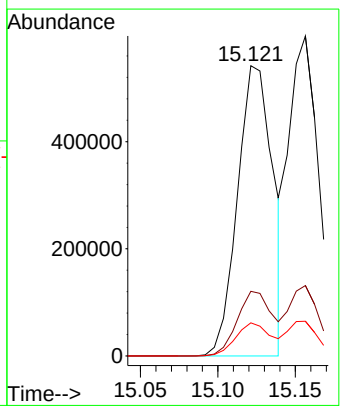
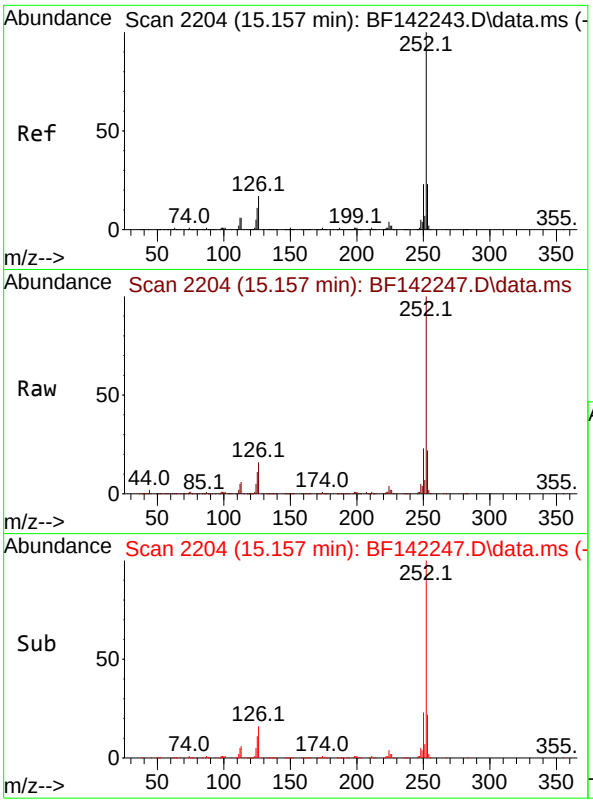


#88
Benzo(b)fluoranthene
Concen: 40.403 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:252 Resp: 860370

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	11.4	9.0	13.4

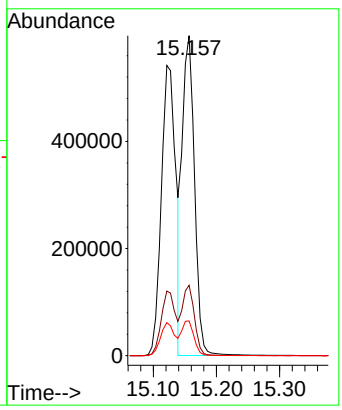




#89
Benzo(k)fluoranthene
Concen: 41.665 ng
RT: 15.157 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:252 Resp: 81154

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.9	9.0	13.6



Instrument :
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ClientSampleId :
ICVBF043025

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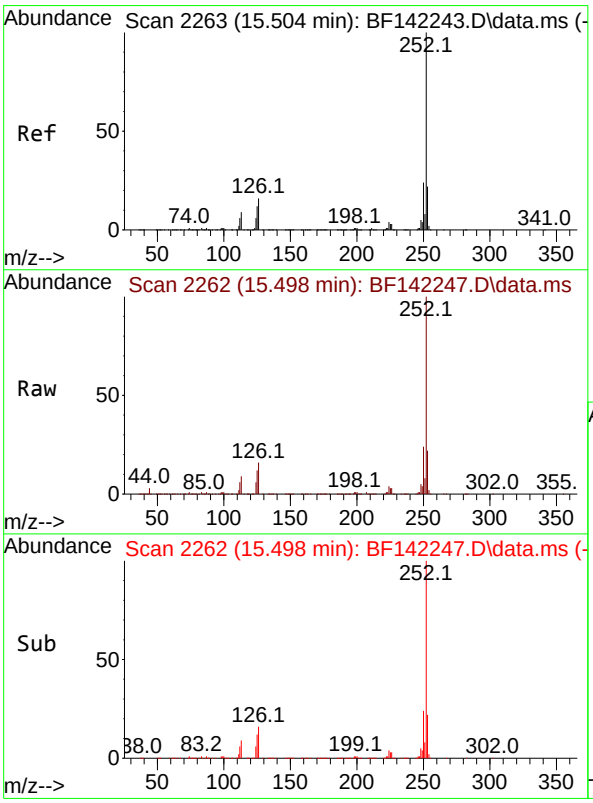
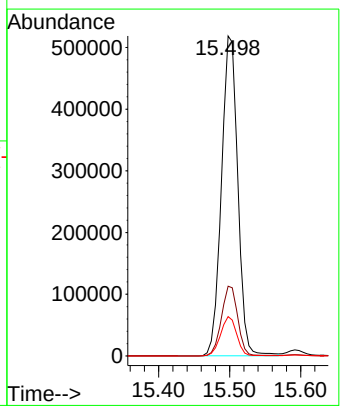
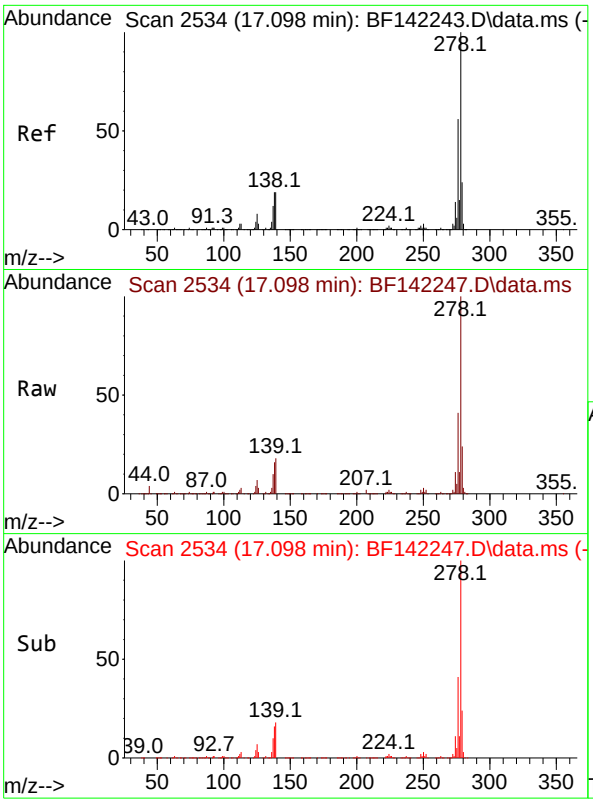


#90
Benzo(a)pyrene
Concen: 42.380 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:252 Resp: 826250

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	12.3	9.5	14.3

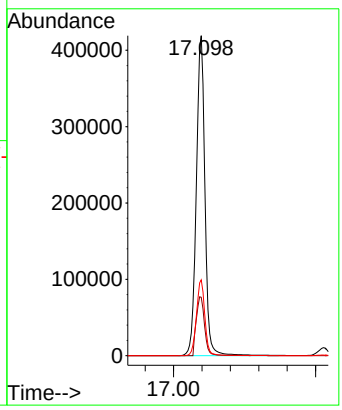




#91
Dibenzo(a,h)anthracene
Concen: 43.565 ng
RT: 17.098 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:278 Resp: 88785

Ion	Ratio	Lower	Upper
278	100		
139	18.2	15.2	22.8
279	23.7	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
ICVBF043025

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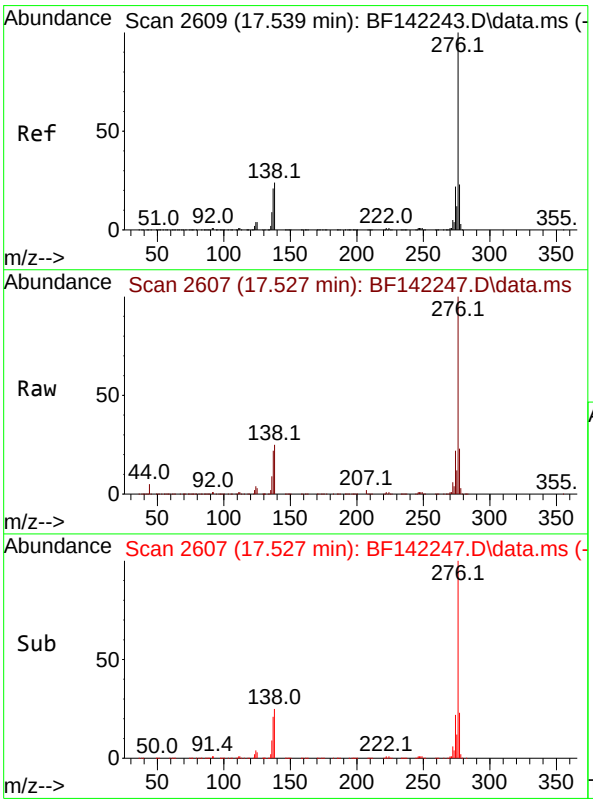
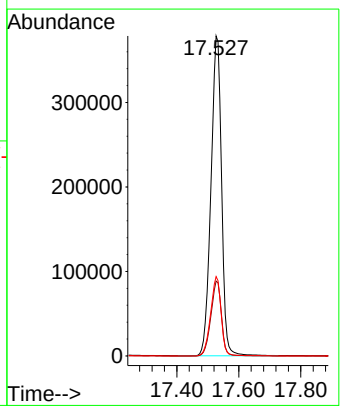


#92
Benzo(g,h,i)perylene
Concen: 43.902 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.012 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:276 Resp: 899474

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	24.8	19.4	29.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142247.D
Acq On : 30 Apr 2025 16:17
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF043025

Quant Time: Apr 30 16:36:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
2		1,4-Dioxane	0.559	0.593	-6.1	103	0.00
3		Pyridine	1.454	1.543	-6.1	104	0.00
4		n-Nitrosodimethylamine	0.752	0.808	-7.4	103	0.00
5	S	2-Fluorophenol	1.252	1.332	-6.4	104	0.00
6		Aniline	2.140	2.280	-6.5	105	0.00
7	S	Phenol-d6	1.512	1.621	-7.2	105	0.00
8		2-Chlorophenol	1.294	1.430	-10.5	107	0.00
9		Benzaldehyde	1.057	1.134	-7.3	105	0.00
10	C	Phenol	1.628	1.741	-6.9	105	0.00
11		bis(2-Chloroethyl)ether	1.262	1.335	-5.8	104	0.00
12		1,3-Dichlorobenzene	1.464	1.530	-4.5	103	0.00
13	C	1,4-Dichlorobenzene	1.475	1.546	-4.8	103	0.00
14		1,2-Dichlorobenzene	1.408	1.487	-5.6	104	0.00
15		Benzyl Alcohol	1.073	1.163	-8.4	104	0.00
16		2,2'-oxybis(1-Chloropropane	2.278	2.431	-6.7	105	0.00
17		2-Methylphenol	1.060	1.121	-5.8	103	0.00
18		Hexachloroethane	0.483	0.534	-10.6	108	0.00
19	P	n-Nitroso-di-n-propylamine	0.934	0.981	-5.0	104	0.00
20		3+4-Methylphenols	1.326	1.456	-9.8	107	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	103	0.00
22		Acetophenone	0.463	0.479	-3.5	105	0.00
23	S	Nitrobenzene-d5	0.304	0.376	-23.7	114	0.00
24		Nitrobenzene	0.299	0.354	-18.4	111	0.00
25		Isophorone	0.639	0.667	-4.4	104	0.00
26	C	2-Nitrophenol	0.102	0.152	-49.0#	135	0.00
27		2,4-Dimethylphenol	0.322	0.346	-7.5	106	0.00
28		bis(2-Chloroethoxy)methane	0.403	0.421	-4.5	104	0.00
29	C	2,4-Dichlorophenol	0.269	0.296	-10.0	105	0.00
30		1,2,4-Trichlorobenzene	0.301	0.313	-4.0	103	0.00
31		Naphthalene	0.997	1.022	-2.5	103	0.00
32		Benzoic acid	0.125	0.170	-36.0#	134	0.00
33		4-Chloroaniline	0.415	0.429	-3.4	103	0.00
34	C	Hexachlorobutadiene	0.175	0.185	-5.7	103	0.00
35		Caprolactam	0.081	0.090	-11.1	106	0.00
36	C	4-Chloro-3-methylphenol	0.277	0.301	-8.7	105	0.00
37		2-Methylnaphthalene	0.613	0.631	-2.9	104	0.00
38		1-Methylnaphthalene	0.635	0.655	-3.1	103	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	103	0.00
40		1,2,4,5-Tetrachlorobenzene	0.563	0.582	-3.4	104	0.00
41	P	Hexachlorocyclopentadiene	0.319	0.378	-18.5	110	0.00
42	S	2,4,6-Tribromophenol	0.182	0.212	-16.5	107	0.00
43	C	2,4,6-Trichlorophenol	0.349	0.399	-14.3	111	0.00
44		2,4,5-Trichlorophenol	0.367	0.410	-11.7	104	0.00
45	S	2-Fluorobiphenyl	1.418	1.415	0.2	103	0.00
46		1,1'-Biphenyl	1.555	1.591	-2.3	103	0.00
47		2-Chloronaphthalene	1.157	1.186	-2.5	103	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142247.D
Acq On : 30 Apr 2025 16:17
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF043025

Quant Time: Apr 30 16:36:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.249	0.354	-42.2#	123	0.00
49		Acenaphthylene	1.952	2.011	-3.0	103	0.00
50		Dimethylphthalate	1.280	1.345	-5.1	105	0.00
51		2,6-Dinitrotoluene	0.204	0.277	-35.8#	118	0.00
52	C	Acenaphthene	1.140	1.186	-4.0	104	0.00
53		3-Nitroaniline	0.257	0.338	-31.5#	117	0.00
54	P	2,4-Dinitrophenol	0.058	0.082	-41.4#	148	0.00
55		Dibenzofuran	1.709	1.759	-2.9	104	0.00
56	P	4-Nitrophenol	0.201	0.251	-24.9	120	0.00
57		2,4-Dinitrotoluene	0.239	0.348	-45.6#	126	0.00
58		Fluorene	1.299	1.322	-1.8	103	0.00
59		2,3,4,6-Tetrachlorophenol	0.304	0.347	-14.1	107	0.00
60		Diethylphthalate	1.263	1.334	-5.6	104	0.00
61		4-Chlorophenyl-phenylether	0.617	0.627	-1.6	102	0.00
62		4-Nitroaniline	0.238	0.305	-28.2#	115	0.00
63		Azobenzene	1.248	1.291	-3.4	104	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	103	0.00
65		4,6-Dinitro-2-methylphenol	0.054	0.076	-40.7#	142	0.00
66	c	n-Nitrosodiphenylamine	0.683	0.714	-4.5	103	0.00
67		4-Bromophenyl-phenylether	0.223	0.237	-6.3	103	0.00
68		Hexachlorobenzene	0.249	0.261	-4.8	103	0.00
69		Atrazine	0.180	0.201	-11.7	109	0.00
70	C	Pentachlorophenol	0.132	0.156	-18.2	111	0.00
71		Phenanthrene	1.080	1.106	-2.4	102	0.00
72		Anthracene	1.105	1.156	-4.6	105	0.00
73		Carbazole	1.008	1.053	-4.5	105	0.00
74		Di-n-butylphthalate	1.013	1.116	-10.2	107	0.00
75	C	Fluoranthene	1.068	1.113	-4.2	105	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	104	0.00
77		Benzidine	0.850	0.987	-16.1	107	0.00
78		Pyrene	1.845	2.033	-10.2	105	0.00
79	S	Terphenyl-d14	1.375	1.473	-7.1	104	0.00
80		Butylbenzylphthalate	0.425	0.537	-26.4#	111	0.00
81		Benzo(a)anthracene	1.343	1.389	-3.4	101	0.00
82		3,3'-Dichlorobenzidine	0.394	0.449	-14.0	106	0.00
83		Chrysene	1.222	1.288	-5.4	109	0.00
84		Bis(2-ethylhexyl)phthalate	0.604	0.704	-16.6	106	0.00
85	c	Di-n-octyl phthalate	1.133	1.287	-13.6	106	0.00
86	I	Perylene-d12	1.000	1.000	0.0	104	0.00
87		Indeno(1,2,3-cd)pyrene	1.465	1.603	-9.4	104	0.00
88		Benzo(b)fluoranthene	1.242	1.255	-1.0	101	0.00
89		Benzo(k)fluoranthene	1.136	1.184	-4.2	108	0.00
90	C	Benzo(a)pyrene	1.137	1.205	-6.0	105	0.00
91		Dibenzo(a,h)anthracene	1.189	1.295	-8.9	103	0.00
92		Benzo(g,h,i)perylene	1.195	1.312	-9.8	105	-0.01

Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142247.D
Acq On : 30 Apr 2025 16:17
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF043025

Quant Time: Apr 30 16:36:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142247.D
Acq On : 30 Apr 2025 16:17
Operator : RC/JU
Sample : SSTDICV040
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Instrument :
BNA_F
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Quant Time: Apr 30 16:36:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	103	0.00
2		1,4-Dioxane	40.000	42.438	-6.1	103	0.00
3		Pyridine	40.000	42.469	-6.2	104	0.00
4		n-Nitrosodimethylamine	40.000	42.942	-7.4	103	0.00
5	S	2-Fluorophenol	80.000	85.116	-6.4	104	0.00
6		Aniline	40.000	42.598	-6.5	105	0.00
7	S	Phenol-d6	80.000	85.730	-7.2	105	0.00
8		2-Chlorophenol	40.000	44.202	-10.5	107	0.00
9		Benzaldehyde	40.000	42.925	-7.3	105	0.00
10	C	Phenol	40.000	42.765	-6.9	105	0.00
11		bis(2-Chloroethyl)ether	40.000	42.329	-5.8	104	0.00
12		1,3-Dichlorobenzene	40.000	41.819	-4.5	103	0.00
13	C	1,4-Dichlorobenzene	40.000	41.924	-4.8	103	0.00
14		1,2-Dichlorobenzene	40.000	42.247	-5.6	104	0.00
15		Benzyl Alcohol	40.000	43.378	-8.4	104	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	42.684	-6.7	105	0.00
17		2-Methylphenol	40.000	42.288	-5.7	103	0.00
18		Hexachloroethane	40.000	44.255	-10.6	108	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	41.992	-5.0	104	0.00
20		3+4-Methylphenols	40.000	43.919	-9.8	107	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	103	0.00
22		Acetophenone	40.000	41.441	-3.6	105	0.00
23	S	Nitrobenzene-d5	80.000	98.845	-23.6	114	0.00
24		Nitrobenzene	40.000	47.402	-18.5	111	0.00
25		Isophorone	40.000	41.789	-4.5	104	0.00
26	C	2-Nitrophenol	40.000	48.175	-20.4#	135	0.00
27		2,4-Dimethylphenol	40.000	43.004	-7.5	106	0.00
28		bis(2-Chloroethoxy)methane	40.000	41.780	-4.5	104	0.00
29	C	2,4-Dichlorophenol	40.000	44.013	-10.0	105	0.00
30		1,2,4-Trichlorobenzene	40.000	41.724	-4.3	103	0.00
31		Naphthalene	40.000	41.005	-2.5	103	0.00
32		Benzoic acid	40.000	45.113	-12.8	134	0.00
33		4-Chloroaniline	40.000	41.344	-3.4	103	0.00
34	C	Hexachlorobutadiene	40.000	42.127	-5.3	103	0.00
35		Caprolactam	40.000	44.434	-11.1	106	0.00
36	C	4-Chloro-3-methylphenol	40.000	43.485	-8.7	105	0.00
37		2-Methylnaphthalene	40.000	41.155	-2.9	104	0.00
38		1-Methylnaphthalene	40.000	41.232	-3.1	103	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	103	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	41.349	-3.4	104	0.00
41	P	Hexachlorocyclopentadiene	40.000	47.321	-18.3	110	0.00
42	S	2,4,6-Tribromophenol	80.000	93.044	-16.3	107	0.00
43	C	2,4,6-Trichlorophenol	40.000	45.713	-14.3	111	0.00
44		2,4,5-Trichlorophenol	40.000	44.676	-11.7	104	0.00
45	S	2-Fluorobiphenyl	80.000	79.807	0.2	103	0.00
46		1,1'-Biphenyl	40.000	40.936	-2.3	103	0.00
47		2-Chloronaphthalene	40.000	41.003	-2.5	103	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142247.D
Acq On : 30 Apr 2025 16:17
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF043025

Quant Time: Apr 30 16:36:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	46.523	-16.3	123	0.00
49		Acenaphthylene	40.000	41.211	-3.0	103	0.00
50		Dimethylphthalate	40.000	42.054	-5.1	105	0.00
51		2,6-Dinitrotoluene	40.000	45.376	-13.4	118	0.00
52	C	Acenaphthene	40.000	41.631	-4.1	104	0.00
53		3-Nitroaniline	40.000	45.509	-13.8	117	0.00
54	P	2,4-Dinitrophenol	40.000	49.090	-22.7	148	0.00
55		Dibenzofuran	40.000	41.181	-3.0	104	0.00
56	P	4-Nitrophenol	40.000	49.952	-24.9	120	0.00
57		2,4-Dinitrotoluene	40.000	46.994	-17.5	126	0.00
58		Fluorene	40.000	40.714	-1.8	103	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	45.724	-14.3	107	0.00
60		Diethylphthalate	40.000	42.222	-5.6	104	0.00
61		4-Chlorophenyl-phenylether	40.000	40.626	-1.6	102	0.00
62		4-Nitroaniline	40.000	45.070	-12.7	115	0.00
63		Azobenzene	40.000	41.400	-3.5	104	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	103	0.00
65		4,6-Dinitro-2-methylphenol	40.000	46.598	-16.5	142	0.00
66	c	n-Nitrosodiphenylamine	40.000	41.816	-4.5	103	0.00
67		4-Bromophenyl-phenylether	40.000	42.497	-6.2	103	0.00
68		Hexachlorobenzene	40.000	41.800	-4.5	103	0.00
69		Atrazine	40.000	44.732	-11.8	109	0.00
70	C	Pentachlorophenol	40.000	47.342	-18.4	111	0.00
71		Phenanthrene	40.000	40.955	-2.4	102	0.00
72		Anthracene	40.000	41.854	-4.6	105	0.00
73		Carbazole	40.000	41.793	-4.5	105	0.00
74		Di-n-butylphthalate	40.000	44.051	-10.1	107	0.00
75	C	Fluoranthene	40.000	41.690	-4.2	105	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	104	0.00
77		Benzidine	40.000	46.435	-16.1	107	0.00
78		Pyrene	40.000	44.082	-10.2	105	0.00
79	S	Terphenyl-d14	80.000	85.716	-7.1	104	0.00
80		Butylbenzylphthalate	40.000	42.984	-7.5	111	0.00
81		Benzo(a)anthracene	40.000	41.383	-3.5	101	0.00
82		3,3'-Dichlorobenzidine	40.000	45.495	-13.7	106	0.00
83		Chrysene	40.000	42.158	-5.4	109	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	40.882	-2.2	106	0.00
85	c	Di-n-octyl phthalate	40.000	41.178	-2.9	106	0.00
86	I	Perylene-d12	20.000	20.000	0.0	104	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	43.757	-9.4	104	0.00
88		Benzo(b)fluoranthene	40.000	40.403	-1.0	101	0.00
89		Benzo(k)fluoranthene	40.000	41.665	-4.2	108	0.00
90	C	Benzo(a)pyrene	40.000	42.380	-6.0	105	0.00
91		Dibenzo(a,h)anthracene	40.000	43.565	-8.9	103	0.00
92		Benzo(g,h,i)perylene	40.000	43.902	-9.8	105	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142247.D
Acq On : 30 Apr 2025 16:17
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF043025

Quant Time: Apr 30 16:36:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Response Factor Report BNA_M

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 28 18:09:16 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BM050024.D 5 =BM050025.D 10 =BM050026.D 20 =BM050027.D 40 =BM050028.D 50 =BM050029.D 60 =BM050030.D 80 =BM0500
31.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.506	0.464	0.478	0.511	0.504	0.491	0.473	0.490	3.75
3)		Pyridine		1.201	1.166	1.229	1.331	1.328	1.292	1.261	1.258	5.03
4)		n-Nitrosodimet...		0.487	0.459	0.475	0.522	0.518	0.504	0.490	0.493	4.62
5)	S	2-Fluorophenol		1.074	1.079	1.107	1.208	1.211	1.173	1.142	1.142	5.04
6)		Aniline		1.657	1.689	1.768	1.942	1.922	1.875	1.835	1.813	6.16
7)	S	Phenol-d6		1.290	1.318	1.398	1.543	1.537	1.494	1.469	1.436	7.13
8)		2-Chlorophenol		1.169	1.161	1.198	1.312	1.301	1.268	1.235	1.235	4.96
9)		Benzaldehyde		0.940	0.920	0.971	1.031	1.013	0.956	0.894	0.961	5.08
10)	C	Phenol		1.349	1.344	1.420	1.539	1.537	1.501	1.483	1.453	5.73
11)		bis(2-Chloroet...		1.213	1.105	1.176	1.279	1.271	1.233	1.218	1.213	4.90
12)		1,3-Dichlorobe...		1.483	1.428	1.453	1.566	1.552	1.508	1.453	1.492	3.51
13)	C	1,4-Dichlorobe...		1.518	1.418	1.463	1.561	1.557	1.516	1.458	1.499	3.60
14)		1,2-Dichlorobe...		1.420	1.393	1.423	1.522	1.506	1.464	1.405	1.448	3.50
15)		Benzyl Alcohol		0.866	0.881	0.966	1.080	1.074	1.050	1.050	0.996	9.16
16)		2,2'-oxybis(1-...		1.487	1.422	1.445	1.552	1.513	1.473	1.433	1.475	3.17
17)		2-Methylphenol		0.857	0.893	0.931	1.033	1.026	0.988	0.975	0.957	6.96
18)		Hexachloroethane		0.552	0.508	0.521	0.556	0.548	0.533	0.510	0.533	3.79
19)	P	n-Nitroso-di-n...	0.802	0.889	0.885	0.921	1.003	0.988	0.949	0.928	0.921	6.95
20)		3+4-Methylphenols		1.137	1.170	1.267	1.393	1.392	1.349	1.341	1.293	8.09
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.483	0.464	0.485	0.531	0.525	0.506	0.487	0.497	4.94
23)	S	Nitrobenzene-d5		0.386	0.374	0.397	0.434	0.433	0.417	0.400	0.406	5.68
24)		Nitrobenzene		0.337	0.325	0.345	0.374	0.372	0.358	0.346	0.351	5.16
25)		Isophorone		0.666	0.648	0.680	0.729	0.729	0.704	0.687	0.692	4.44
26)	C	2-Nitrophenol		0.148	0.157	0.172	0.196	0.198	0.192	0.191	0.179	11.33
27)		2,4-Dimethylph...		0.263	0.266	0.289	0.324	0.322	0.312	0.305	0.297	8.42
28)		bis(2-Chloroet...		0.407	0.399	0.422	0.455	0.452	0.434	0.425	0.428	4.92
29)	C	2,4-Dichloroph...		0.294	0.298	0.326	0.362	0.359	0.351	0.342	0.333	8.47
30)		1,2,4-Trichlor...		0.400	0.384	0.394	0.427	0.426	0.412	0.399	0.406	4.02
31)		Naphthalene		1.001	0.959	0.993	1.066	1.057	1.023	0.989	1.013	3.80
32)		Benzoic acid			0.138	0.172	0.197	0.206	0.212	0.215	0.190	15.67
33)		4-Chloroaniline		0.361	0.393	0.404	0.441	0.448	0.437	0.423	0.415	7.51
34)	C	Hexachlorobuta...		0.253	0.240	0.249	0.270	0.270	0.263	0.258	0.258	4.34
35)		Caprolactam		0.090	0.085	0.095	0.104	0.104	0.102	0.100	0.097	7.73
36)	C	4-Chloro-3-met...		0.289	0.283	0.302	0.325	0.329	0.317	0.309	0.308	5.72
37)		2-Methylnaphth...		0.656	0.639	0.662	0.713	0.714	0.692	0.678	0.679	4.22
38)		1-Methylnaphth...		0.703	0.675	0.708	0.753	0.751	0.731	0.710	0.719	3.92

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM042825.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.624	0.622	0.655	0.742	0.745	0.725	0.733	0.692	8.17
41)	P	Hexachlorocycl...		0.303	0.362	0.455	0.468	0.467	0.483	0.423	17.30
42)	S	2,4,6-Tribromo...	0.253	0.249	0.281	0.318	0.329	0.318	0.323	0.296	11.61
43)	C	2,4,6-Trichlor...	0.372	0.381	0.423	0.476	0.485	0.467	0.469	0.439	10.76
44)		2,4,5-Trichlor...	0.410	0.417	0.453	0.517	0.519	0.501	0.497	0.474	9.83
45)	S	2-Fluorobiphenyl	1.588	1.555	1.632	1.807	1.822	1.744	1.688	1.691	6.21
46)		1,1'-Biphenyl	1.427	1.395	1.452	1.573	1.581	1.507	1.473	1.487	4.77
47)		2-Chloronaphth...	1.126	1.112	1.155	1.250	1.248	1.192	1.158	1.177	4.69
48)		2-Nitroaniline	0.238	0.242	0.269	0.302	0.304	0.294	0.286	0.276	9.96
49)		Acenaphthylene	1.794	1.715	1.810	1.972	1.971	1.889	1.845	1.857	5.10
50)		Dimethylphthalate	1.444	1.377	1.437	1.532	1.543	1.470	1.429	1.462	4.02
51)		2,6-Dinitrotol...	0.266	0.271	0.299	0.327	0.331	0.316	0.309	0.303	8.50
52)	C	Acenaphthene	1.038	0.998	1.046	1.133	1.145	1.094	1.067	1.075	4.93
53)		3-Nitroaniline	0.233	0.247	0.284	0.321	0.325	0.311	0.302	0.289	12.47
54)	P	2,4-Dinitrophenol		0.100	0.132	0.178	0.194	0.188	0.191	0.164	23.65
55)		Dibenzofuran	1.749	1.681	1.749	1.876	1.888	1.810	1.763	1.788	4.17
56)	P	4-Nitrophenol		0.128	0.180	0.224	0.237	0.231	0.231	0.205	20.96
57)		2,4-Dinitrotol...	0.338	0.366	0.412	0.456	0.468	0.447	0.440	0.418	11.72
58)		Fluorene	1.387	1.343	1.431	1.558	1.573	1.500	1.453	1.463	5.84
59)		2,3,4,6-Tetrac...	0.366	0.362	0.398	0.435	0.445	0.432	0.431	0.410	8.44
60)		Diethylphthalate	1.372	1.301	1.380	1.433	1.451	1.376	1.328	1.377	3.86
61)		4-Chlorophenyl...	0.741	0.716	0.770	0.857	0.871	0.836	0.836	0.804	7.58
62)		4-Nitroaniline	0.208	0.234	0.277	0.313	0.321	0.301	0.295	0.279	15.17
63)		Azobenzene	1.118	1.091	1.150	1.216	1.229	1.165	1.110	1.154	4.59
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.088	0.110	0.135	0.142	0.138	0.137	0.125	17.16
66)	c	n-Nitrosodiphe...	0.580	0.572	0.596	0.655	0.657	0.629	0.610	0.614	5.56
67)		4-Bromophenyl-...	0.223	0.216	0.229	0.258	0.258	0.256	0.253	0.242	7.60
68)		Hexachlorobenzene	0.265	0.251	0.264	0.294	0.295	0.291	0.291	0.279	6.49
69)		Atrazine	0.196	0.198	0.214	0.236	0.242	0.234	0.230	0.222	8.47
70)	C	Pentachlorophenol		0.117	0.141	0.167	0.172	0.170	0.174	0.157	14.52
71)		Phenanthrene	1.075	1.035	1.083	1.187	1.212	1.173	1.132	1.128	5.84
72)		Anthracene	1.062	1.038	1.096	1.214	1.236	1.191	1.154	1.142	6.78
73)		Carbazole	0.909	0.900	0.960	1.054	1.075	1.038	0.999	0.991	7.05
74)		Di-n-butylphth...	1.106	1.082	1.151	1.246	1.277	1.231	1.165	1.180	6.25
75)	C	Fluoranthene	1.178	1.142	1.250	1.410	1.455	1.425	1.411	1.324	9.86
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.560	0.646	0.772	0.769	0.765	0.751	0.710	12.36
78)		Pyrene	1.290	1.255	1.332	1.518	1.520	1.465	1.453	1.404	7.83
79)	S	Terphenyl-d14	1.176	1.189	1.332	1.524	1.541	1.458	1.239	1.352	11.58
80)		Butylbenzylpht...	0.489	0.479	0.515	0.562	0.568	0.545	0.524	0.526	6.53
81)		Benzo(a)anthra...	1.280	1.231	1.321	1.478	1.479	1.442	1.408	1.377	7.24
82)		3,3'-Dichlorob...	0.434	0.432	0.483	0.580	0.597	0.583	0.581	0.527	14.14
83)		Chrysene	1.208	1.170	1.214	1.342	1.369	1.325	1.296	1.275	6.03
84)		Bis(2-ethylhex...	0.726	0.725	0.775	0.843	0.852	0.814	0.765	0.786	6.61
85)	c	Di-n-octyl pht...	1.221	1.197	1.267	1.366	1.404	1.341	1.275	1.296	5.92

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM042825.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.301	1.293	1.404	1.602	1.646	1.591	1.595	1.490	10.27
88)		Benzo(b)fluora...	1.128	1.149	1.209	1.406	1.415	1.408	1.390	1.301	10.16
89)		Benzo(k)fluora...	1.219	1.150	1.251	1.387	1.449	1.383	1.372	1.316	8.29
90)	C	Benzo(a)pyrene	1.094	1.066	1.147	1.295	1.330	1.298	1.297	1.218	9.15
91)		Dibenzo(a,h)an...	1.056	1.044	1.142	1.300	1.347	1.305	1.310	1.215	10.72
92)		Benzo(g,h,i)pe...	1.066	1.030	1.105	1.236	1.268	1.224	1.212	1.163	8.07

(#) = Out of Range

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050024.D
Acq On : 28 Apr 2025 12:30
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 28 17:52:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

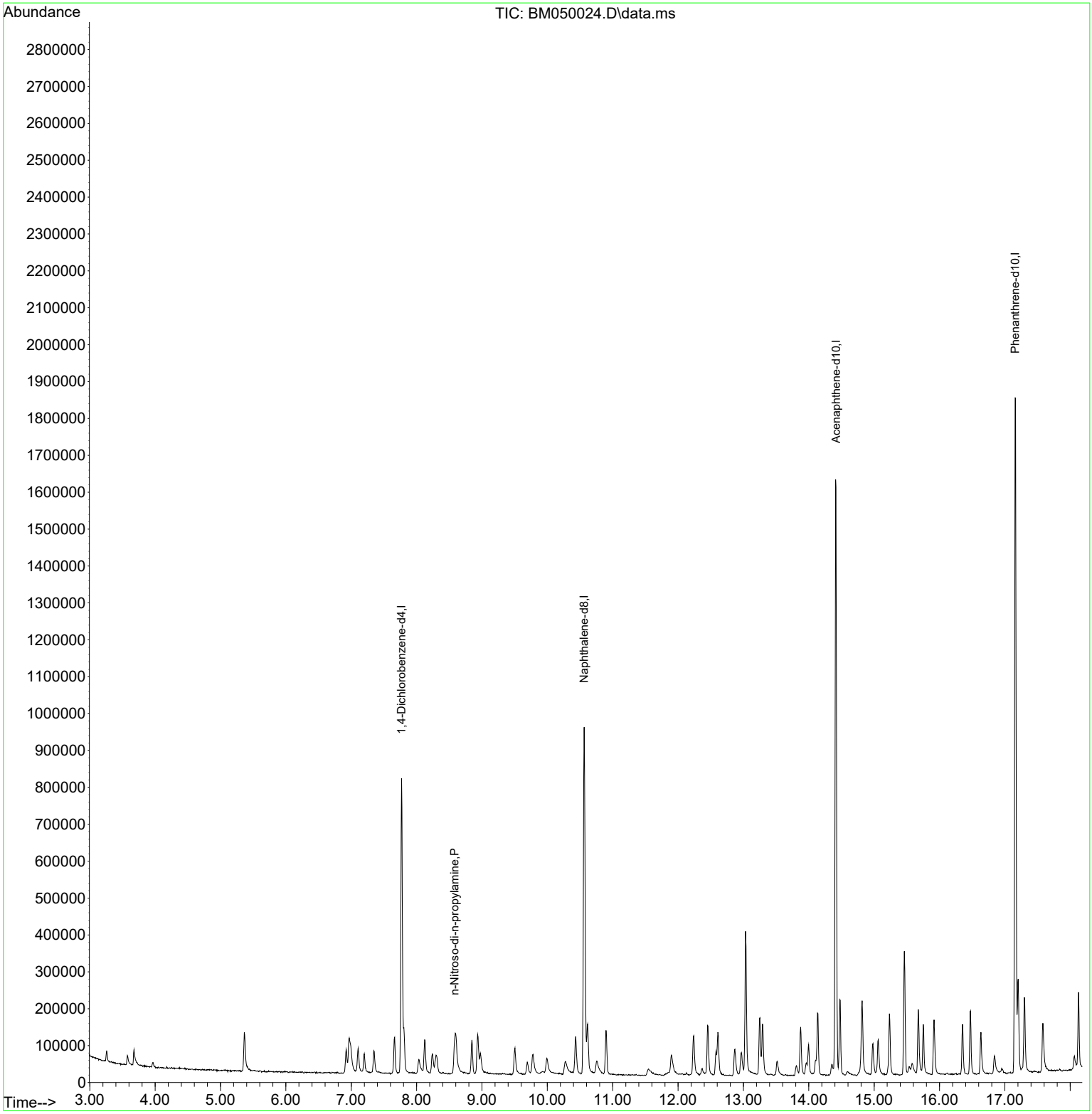
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	241974	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	868675	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	604723	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1218544	20.000	ng	0.00
76) Chrysene-d12	21.404	240	1187007	20.000	ng	0.00
86) Perylene-d12	24.409	264	1217038	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.581	70	24247	2.177	ng	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050024.D
Acq On : 28 Apr 2025 12:30
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

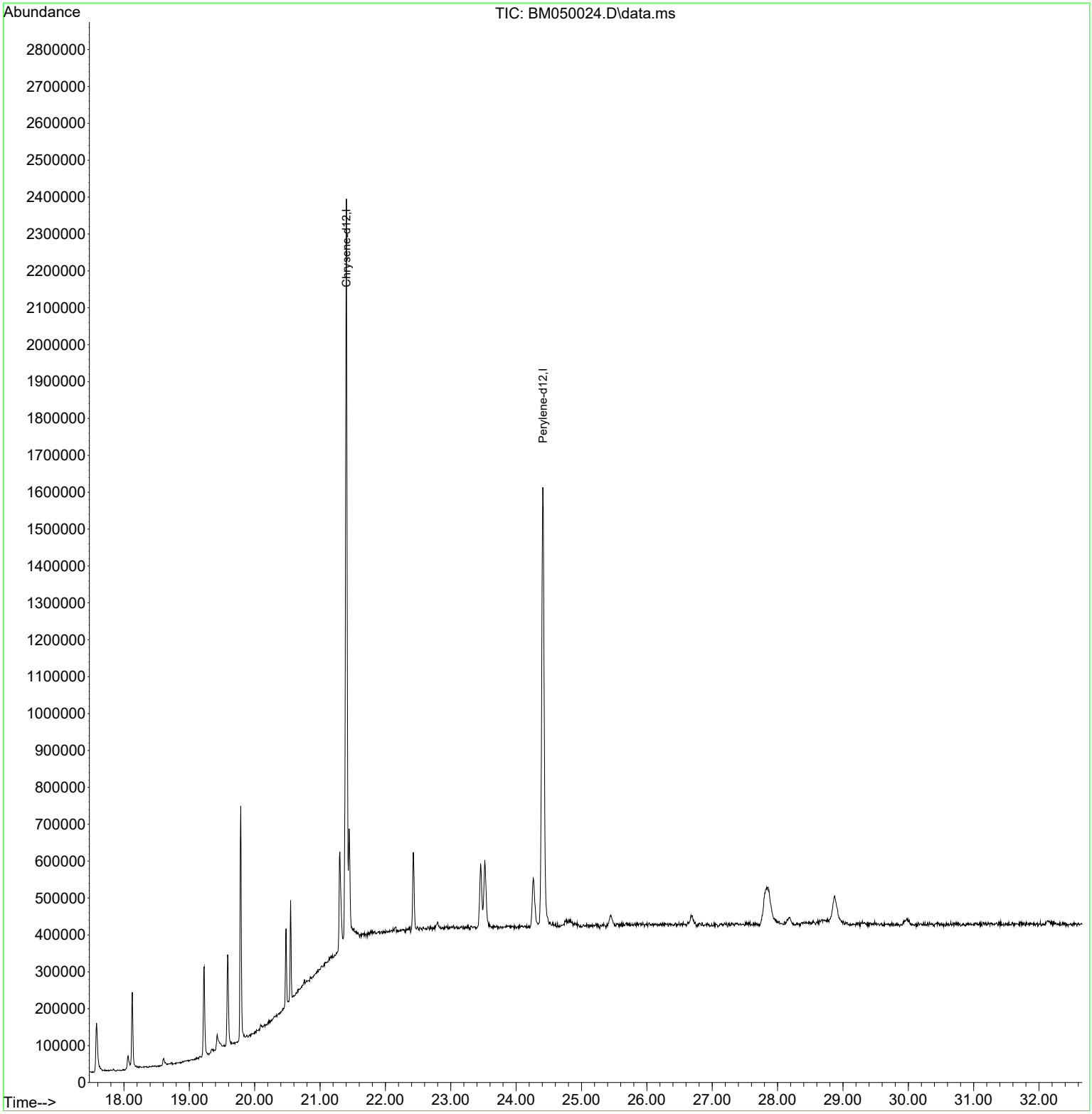
Quant Time: Apr 28 17:52:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

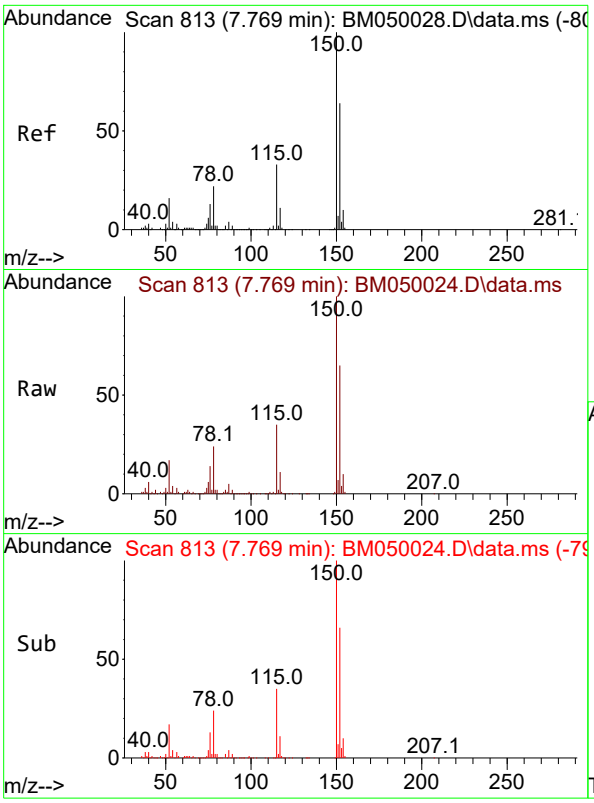


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050024.D
Acq On : 28 Apr 2025 12:30
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 28 17:52:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration



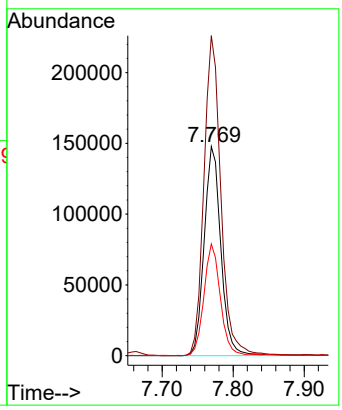


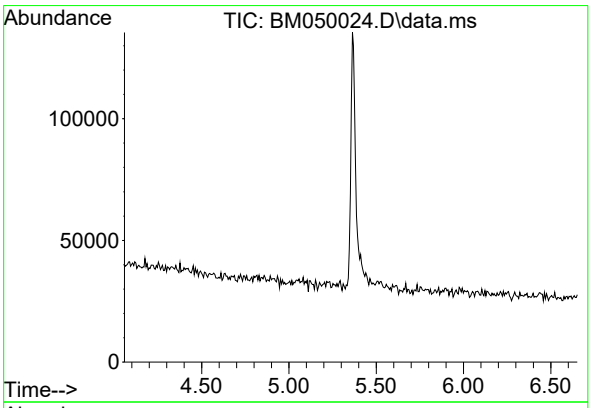
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 241974

Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.1	186.1
115	53.4	41.2	61.8



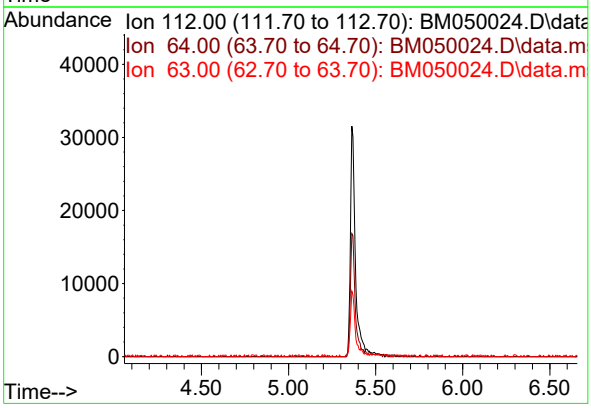


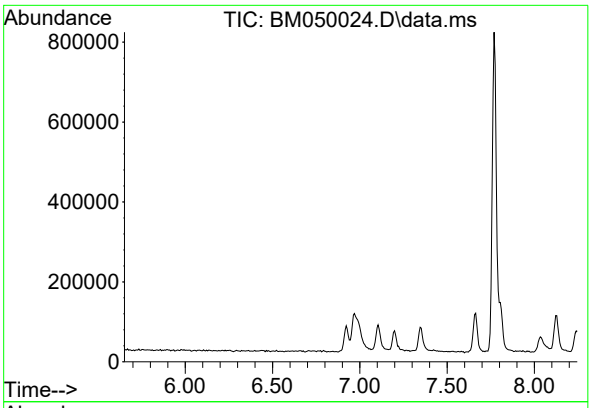
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.36 min

Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	53.3
63	27.8





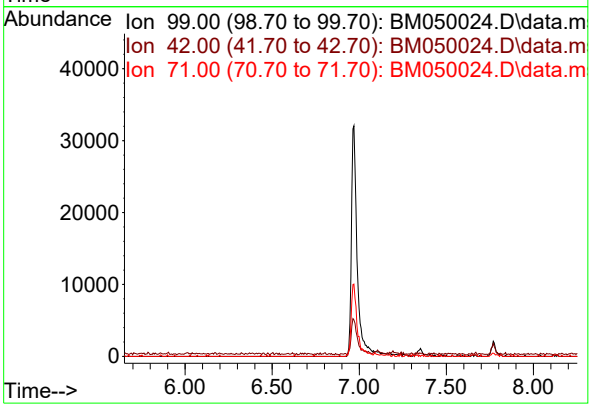
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.95 min

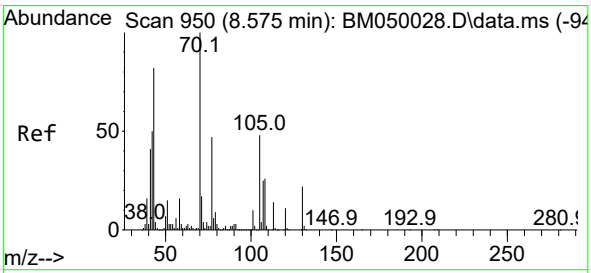
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

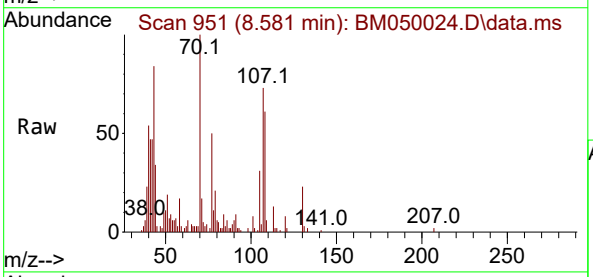
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

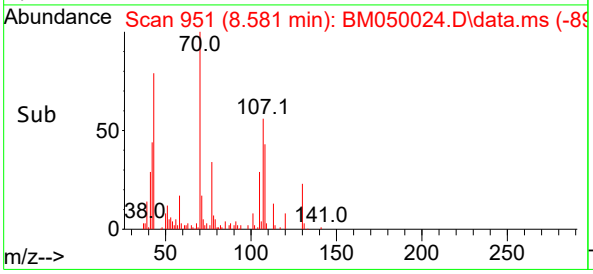
Tgt Ion: 99

Sig	Exp Ratio
99	100
42	16.2
71	32.0





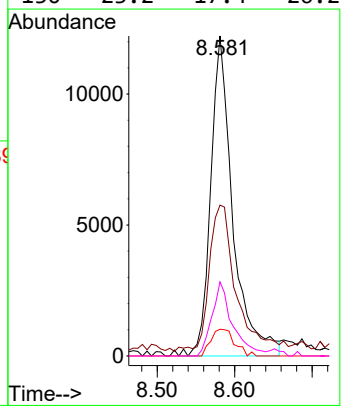


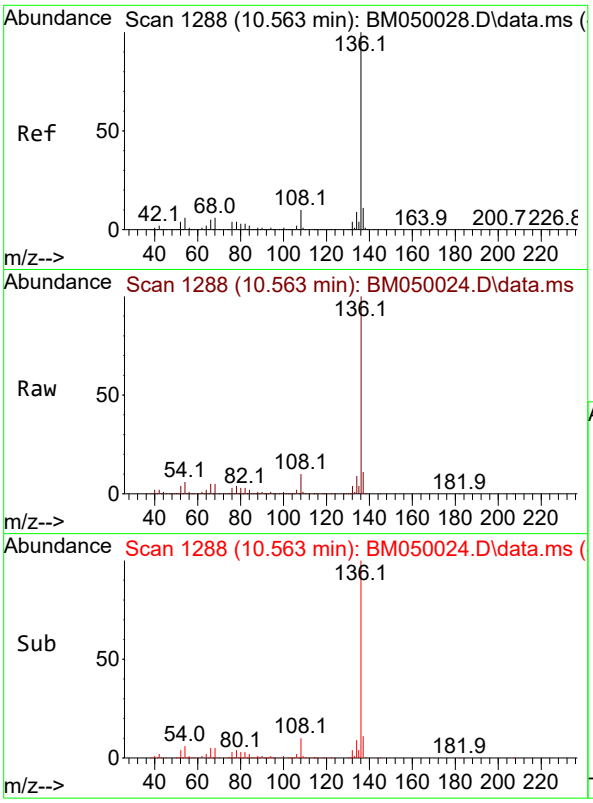


#19
n-Nitroso-di-n-propylamine
Concen: 2.177 ng
RT: 8.581 min Scan# 951
Delta R.T. 0.006 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Tgt Ion: 70 Resp: 24247

Ion	Ratio	Lower	Upper
70	100		
42	47.1	40.5	60.7
101	8.4	7.8	11.6
130	23.2	17.4	26.2



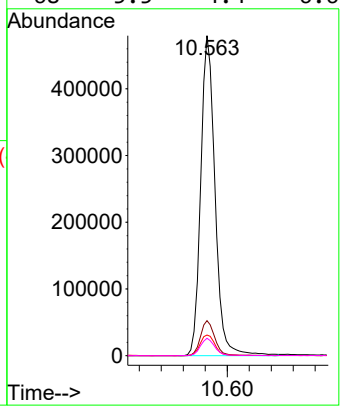


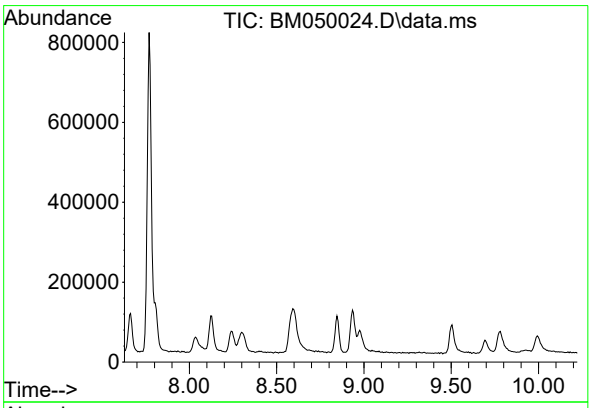
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

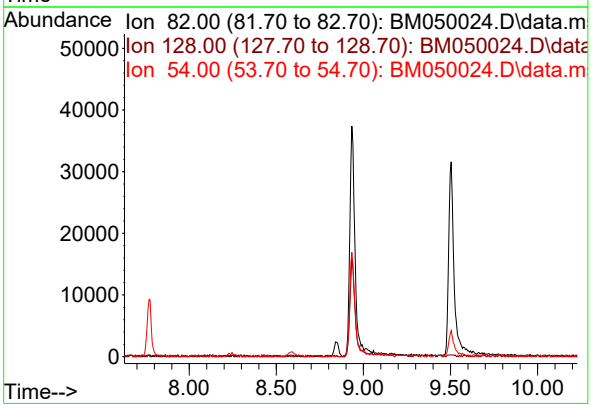
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 868675

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.4	5.1	7.7
68	5.5	4.4	6.6





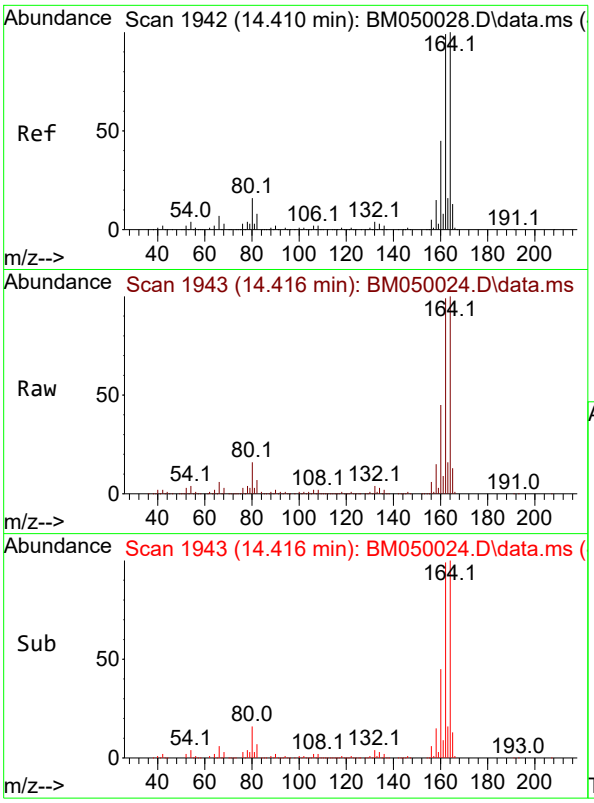


#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.93 min

Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	44.6
54	44.3

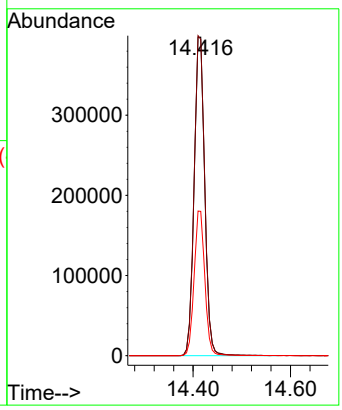


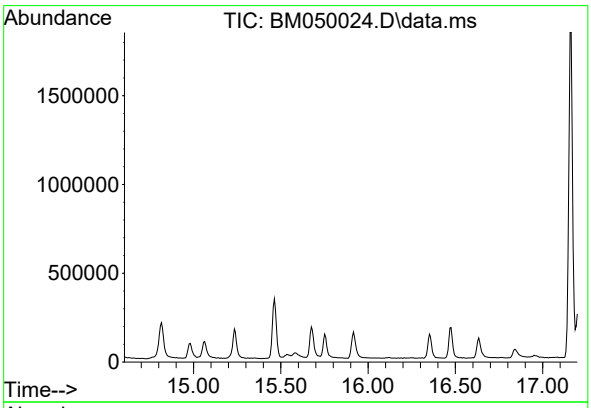
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 604723

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.4	119.0
160	45.3	36.2	54.4



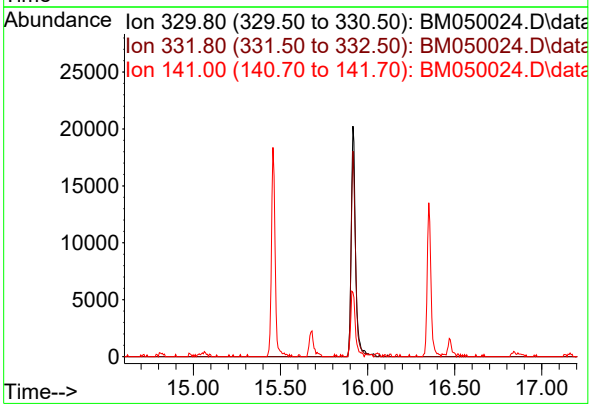


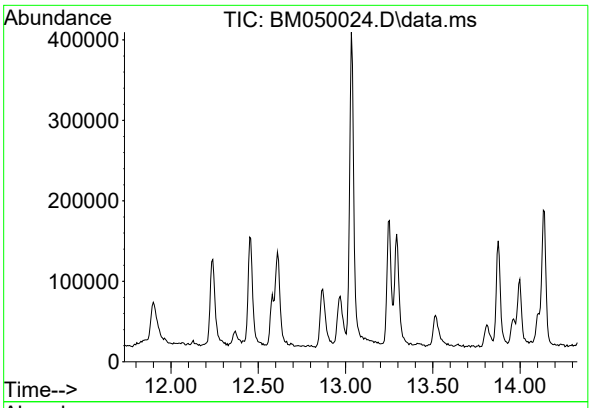
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.90 min

Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.6
141	28.1





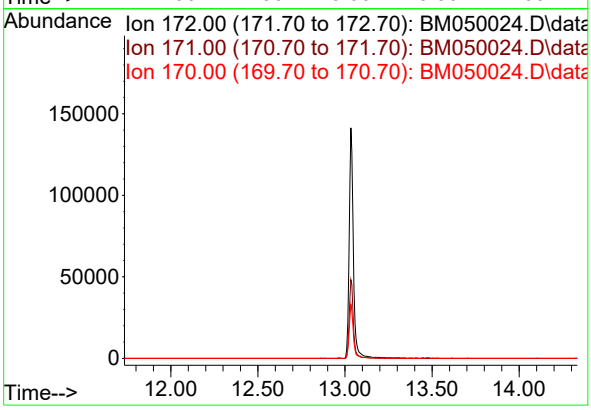
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.03 min

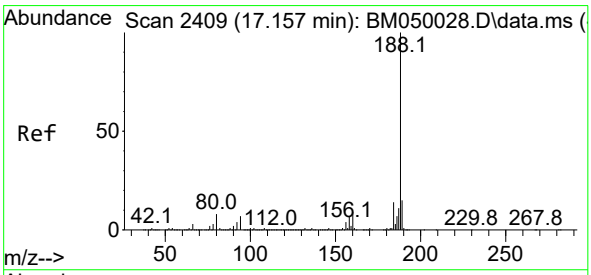
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	34.7
170	23.3

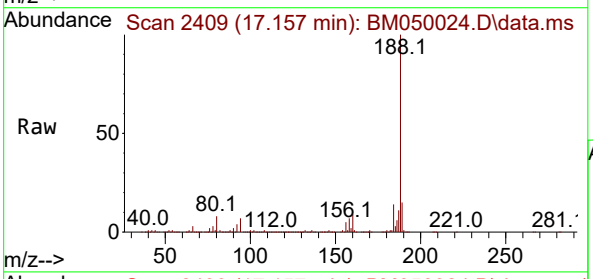


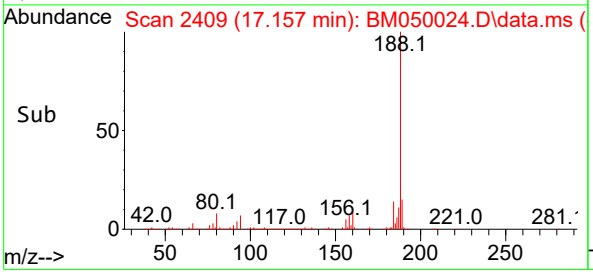


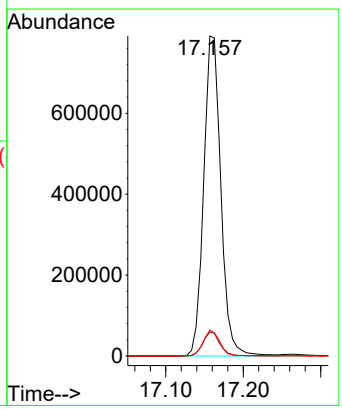
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

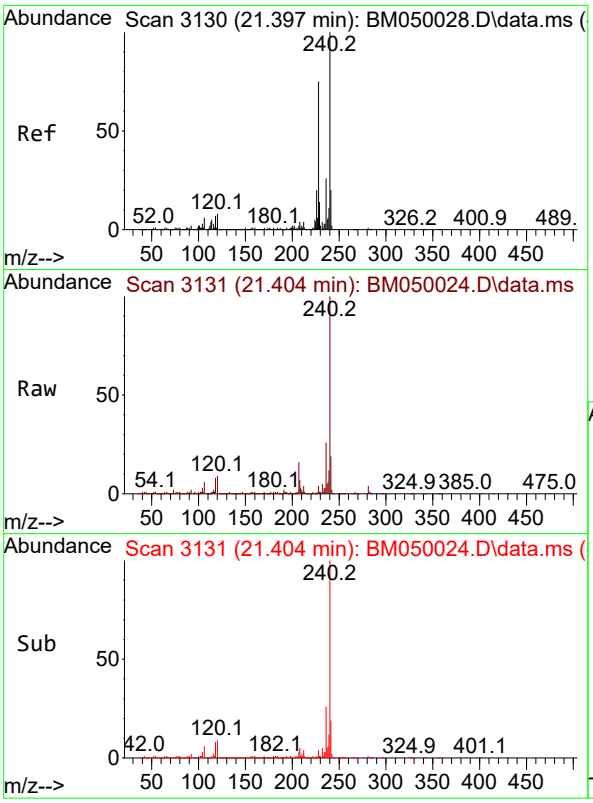
Tgt Ion:188 Resp: 1218544

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.7	8.5
80	8.1	6.2	9.4







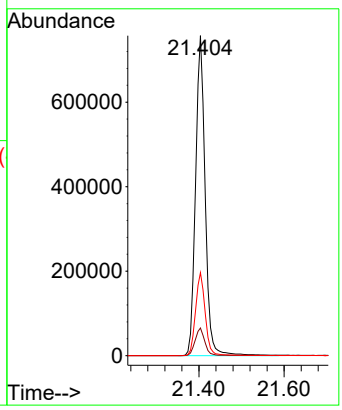


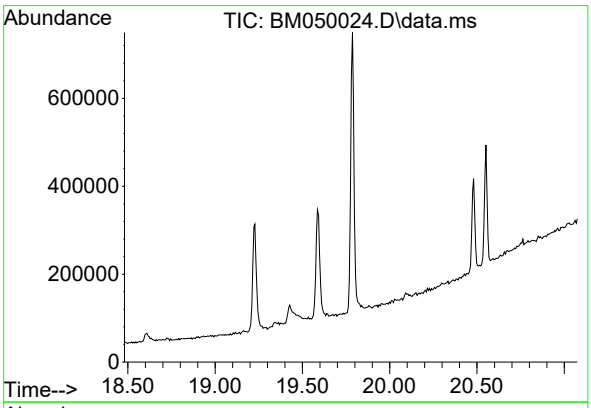
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3
Delta R.T. 0.007 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 1187007

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.5	9.7
236	25.9	20.9	31.3



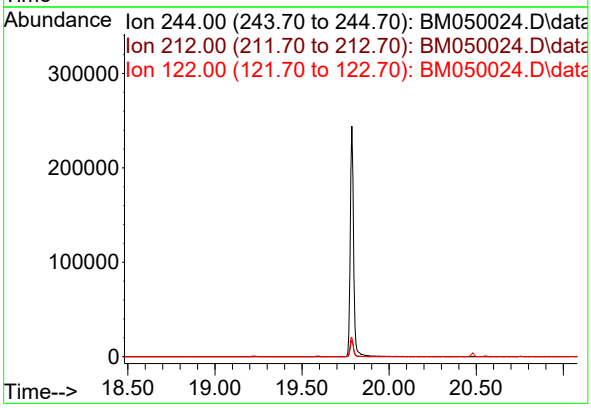


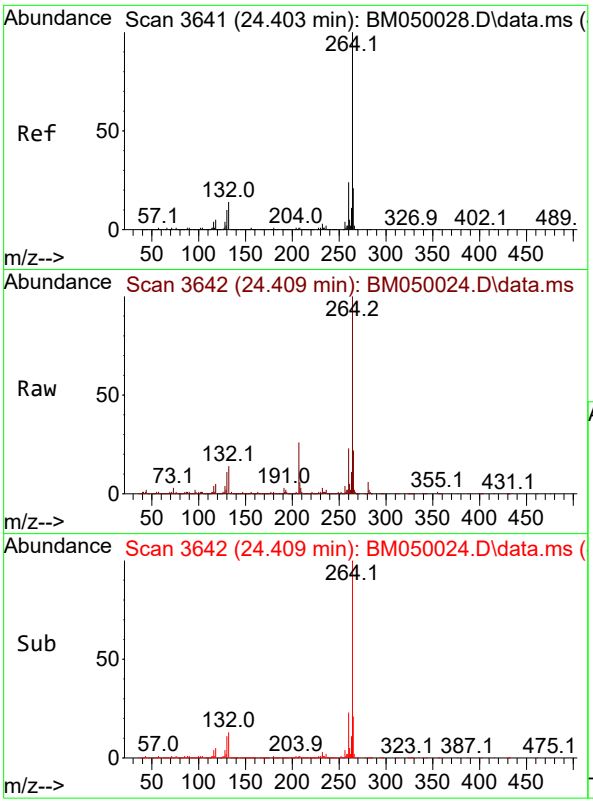
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.78 min

Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.0
122	7.0



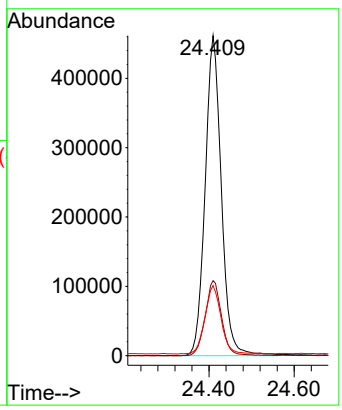


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.409 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 1217038

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.9	17.0	25.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050025.D
Acq On : 28 Apr 2025 13:09
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:53:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	222427	20.000	ng		0.00
21) Naphthalene-d8	10.563	136	815362	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	578294	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	1183325	20.000	ng		0.00
76) Chrysene-d12	21.403	240	1136162	20.000	ng		0.00
86) Perylene-d12	24.403	264	1149910	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	119473	9.406	ng		0.00
7) Phenol-d6	6.957	99	143453	8.985	ng		0.00
23) Nitrobenzene-d5	8.928	82	157222	9.502	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	73192	8.560	ng		0.00
45) 2-Fluorobiphenyl	13.033	172	459031	9.390	ng		0.00
79) Terphenyl-d14	19.780	244	668289	8.704	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	28163	5.171	ng		98
3) Pyridine	3.669	79	66766	4.771	ng		98
4) n-Nitrosodimethylamine	3.575	42	27060	4.930	ng	#	92
6) Aniline	7.098	93	92126	4.570	ng		97
8) 2-Chlorophenol	7.345	128	64999	4.733	ng		99
9) Benzaldehyde	6.916	77	52286m	4.900	ng		
10) Phenol	6.987	94	75011	4.641	ng		99
11) bis(2-Chloroethyl)ether	7.192	93	67447	4.998	ng		98
12) 1,3-Dichlorobenzene	7.657	146	82466	4.971	ng		98
13) 1,4-Dichlorobenzene	7.804	146	84400	5.064	ng		97
14) 1,2-Dichlorobenzene	8.122	146	78966	4.905	ng		99
15) Benzyl Alcohol	8.022	79	48180	4.352	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.298	45	82711	5.042	ng		93
17) 2-Methylphenol	8.234	107	47632	4.474	ng		99
18) Hexachloroethane	8.845	117	30717	5.185	ng		97
19) n-Nitroso-di-n-propyla...	8.575	70	49455	4.830	ng		98
20) 3+4-Methylphenols	8.575	107	63223	4.397	ng	#	91
22) Acetophenone	8.598	105	98358	4.852	ng		98
24) Nitrobenzene	8.975	77	68598	4.795	ng		94
25) Isophorone	9.498	82	135828	4.816	ng		98
26) 2-Nitrophenol	9.692	139	30257	4.140	ng		95
27) 2,4-Dimethylphenol	9.763	122	53660	4.427	ng		99
28) bis(2-Chloroethoxy)met...	9.986	93	82947	4.758	ng		99
29) 2,4-Dichlorophenol	10.263	162	59828	4.406	ng		97
30) 1,2,4-Trichlorobenzene	10.428	180	81624	4.934	ng		97
31) Naphthalene	10.616	128	204133	4.944	ng		98
33) 4-Chloroaniline	10.751	127	73542	4.345	ng		97
34) Hexachlorobutadiene	10.898	225	51529	4.907	ng		98
35) Caprolactam	11.522	113	18349m	4.634	ng		
36) 4-Chloro-3-methylphenol	11.886	107	58843	4.690	ng		97
37) 2-Methylnaphthalene	12.233	142	133679	4.829	ng		97
38) 1-Methylnaphthalene	12.451	142	143332	4.892	ng		99
40) 1,2,4,5-Tetrachloroben...	12.604	216	90168	4.504	ng		98
43) 2,4,6-Trichlorophenol	12.863	196	53748	4.233	ng		96
44) 2,4,5-Trichlorophenol	12.951	196	59224	4.325	ng		98
46) 1,1'-Biphenyl	13.245	154	206296	4.799	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050025.D
Acq On : 28 Apr 2025 13:09
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:53:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.286	162	162803	4.782	ng		98
48) 2-Nitroaniline	13.504	65	34348	4.299	ng		91
49) Acenaphthylene	14.133	152	259406	4.832	ng		100
50) Dimethylphthalate	13.869	163	208800	4.941	ng		100
51) 2,6-Dinitrotoluene	13.992	165	38453	4.395	ng		94
52) Acenaphthene	14.474	154	150042	4.829	ng		99
53) 3-Nitroaniline	14.339	138	33713	4.036	ng	#	94
55) Dibenzofuran	14.816	168	252898	4.892	ng		99
57) 2,4-Dinitrotoluene	14.798	165	48901	4.044	ng	#	87
58) Fluorene	15.463	166	200542	4.739	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.057	232	52899	4.463	ng		97
60) Diethylphthalate	15.233	149	198362	4.981	ng		98
61) 4-Chlorophenyl-phenyle...	15.457	204	107081	4.607	ng		94
62) 4-Nitroaniline	15.515	138	30138m	3.737	ng		
63) Azobenzene	15.751	77	161662	4.844	ng		98
66) n-Nitrosodiphenylamine	15.674	169	171608	4.723	ng		97
67) 4-Bromophenyl-phenylether	16.351	248	66000	4.612	ng		95
68) Hexachlorobenzene	16.468	284	78506	4.759	ng		99
69) Atrazine	16.627	200	58110	4.433	ng		99
71) Phenanthrene	17.198	178	317954	4.764	ng		99
72) Anthracene	17.292	178	314149	4.651	ng		99
73) Carbazole	17.574	167	268774	4.586	ng		99
74) Di-n-butylphthalate	18.127	149	327178	4.688	ng		100
75) Fluoranthene	19.221	202	348593	4.449	ng		99
78) Pyrene	19.586	202	366473	4.593	ng		99
80) Butylbenzylphthalate	20.480	149	138827	4.646	ng		97
81) Benzo(a)anthracene	21.380	228	363641	4.648	ng		99
82) 3,3'-Dichlorobenzidine	21.315	252	123375	4.119	ng	#	95
83) Chrysene	21.445	228	343085	4.738	ng		98
84) Bis(2-ethylhexyl)phtha...	21.297	149	206231	4.620	ng		96
85) Di-n-octyl phthalate	22.427	149	346799	4.711	ng		98
87) Indeno(1,2,3-cd)pyrene	27.803	276	373944	4.364	ng	#	87
88) Benzo(b)fluoranthene	23.456	252	324395	4.338	ng		99
89) Benzo(k)fluoranthene	23.515	252	350374m	4.631	ng		
90) Benzo(a)pyrene	24.262	252	314608	4.492	ng		98
91) Dibenzo(a,h)anthracene	27.856	278	303557	4.346	ng		98
92) Benzo(g,h,i)perylene	28.862	276	306571	4.585	ng		98

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

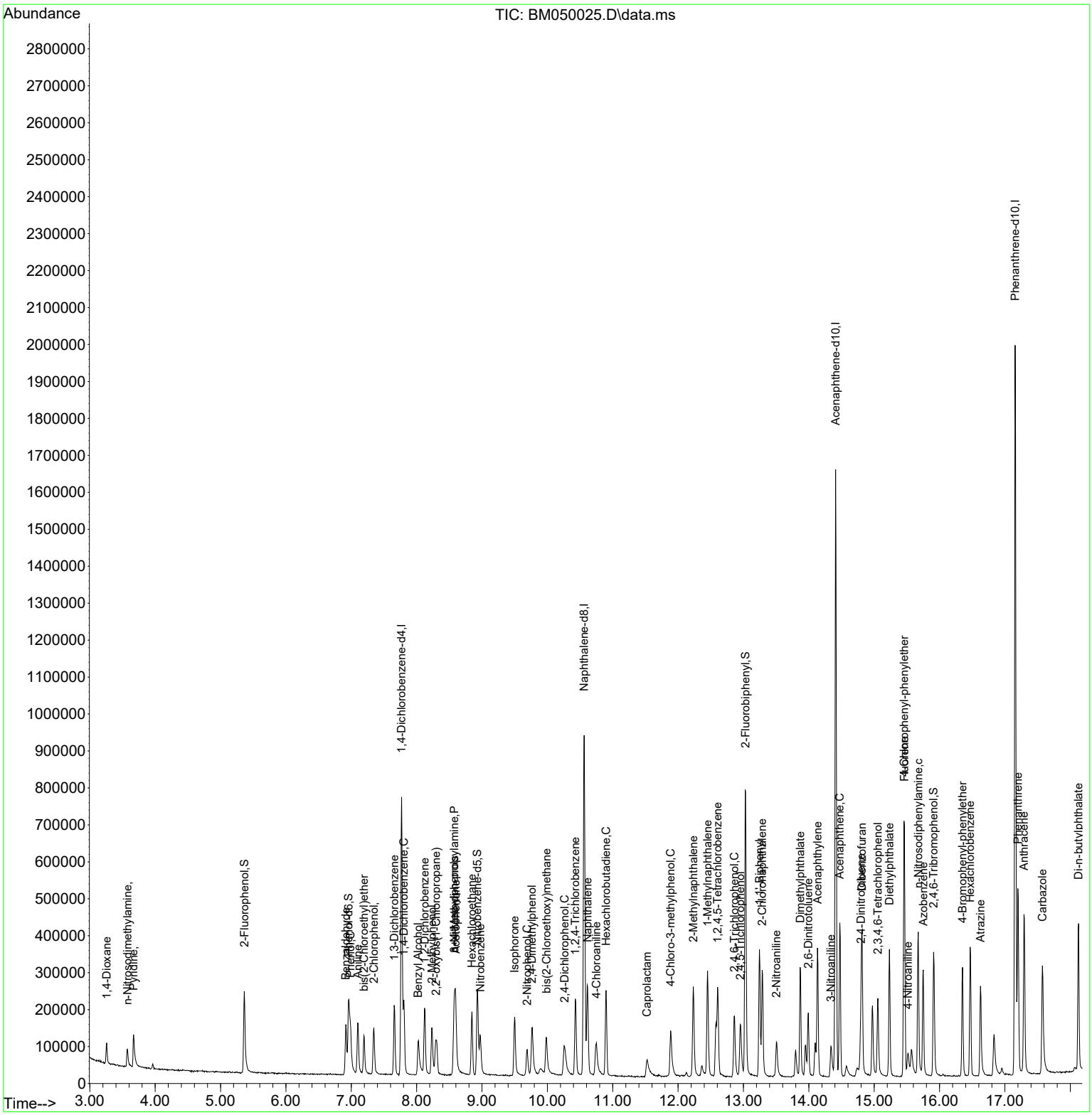
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050025.D
Acq On : 28 Apr 2025 13:09
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 28 17:53:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



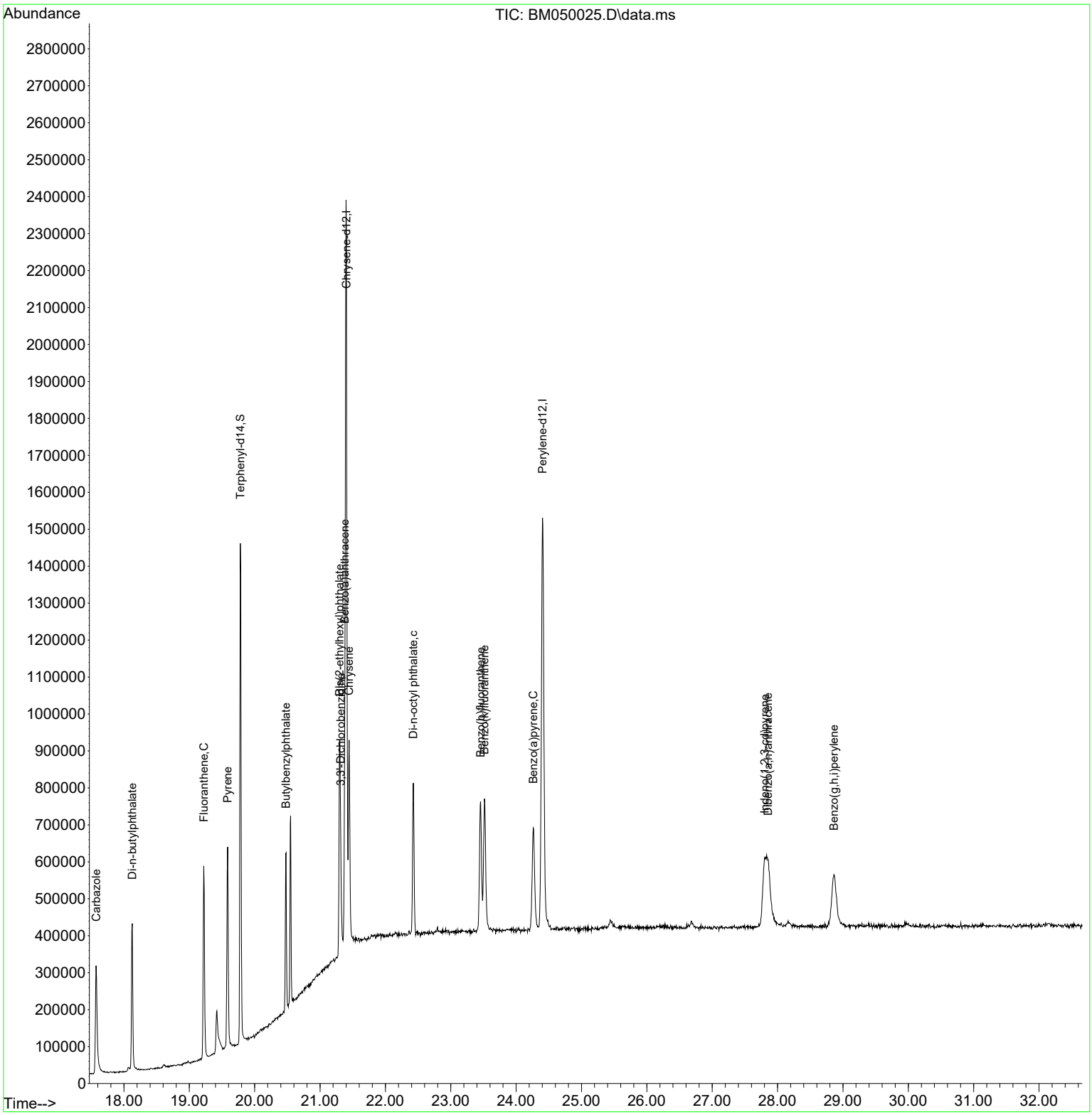
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050025.D
Acq On : 28 Apr 2025 13:09
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

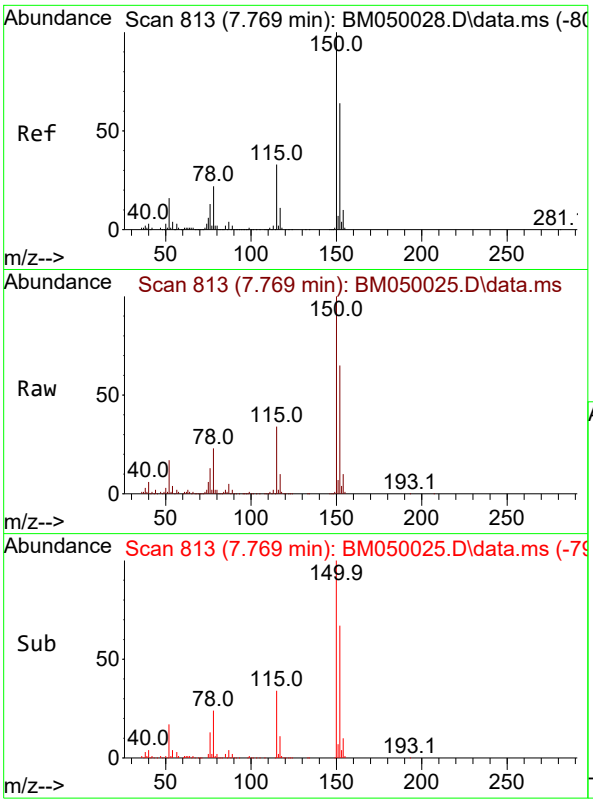
Quant Time: Apr 28 17:53:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

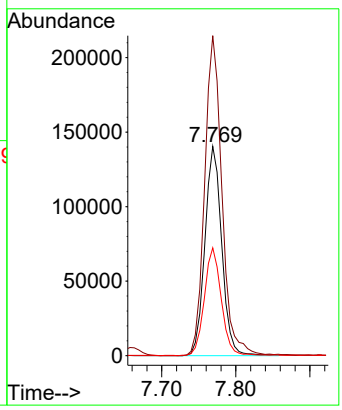




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:152 Resp: 22242

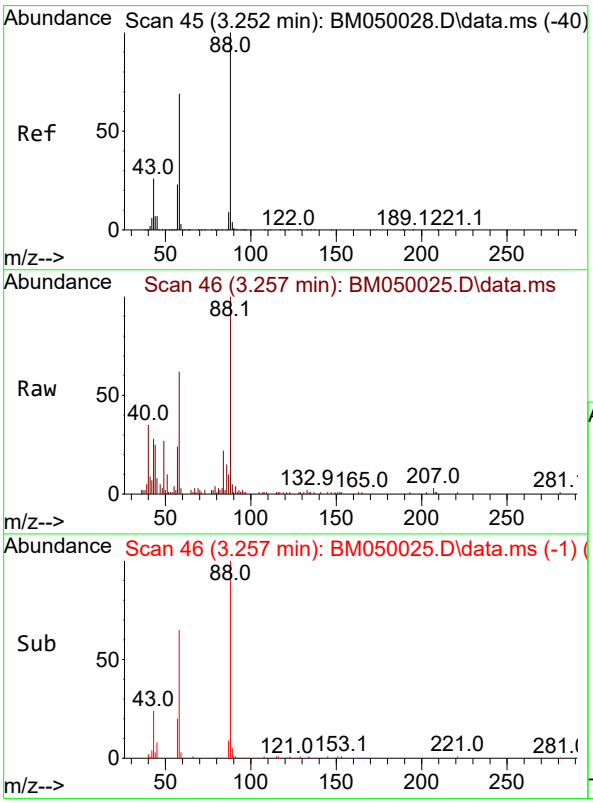
Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.1	186.1
115	51.5	41.2	61.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

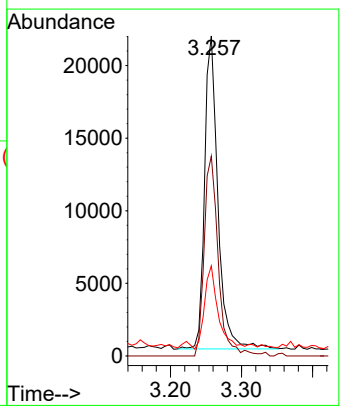
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

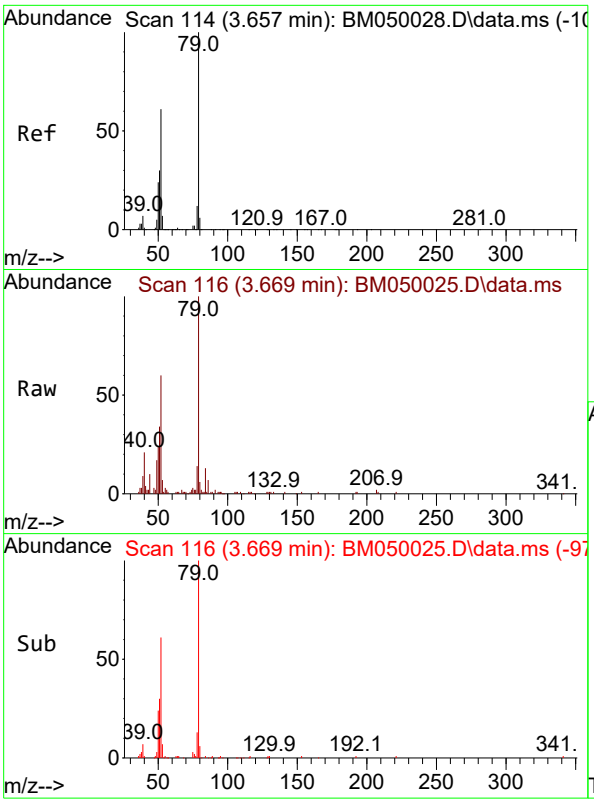


#2
1,4-Dioxane
Concen: 5.171 ng
RT: 3.257 min Scan# 46
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 88 Resp: 28163

Ion	Ratio	Lower	Upper
88	100		
58	67.8	55.1	82.7
43	27.3	20.9	31.3





#3
Pyridine
Concen: 4.771 ng
RT: 3.669 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

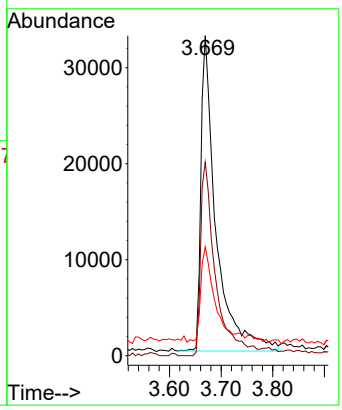
Tgt Ion: 79 Resp: 6676

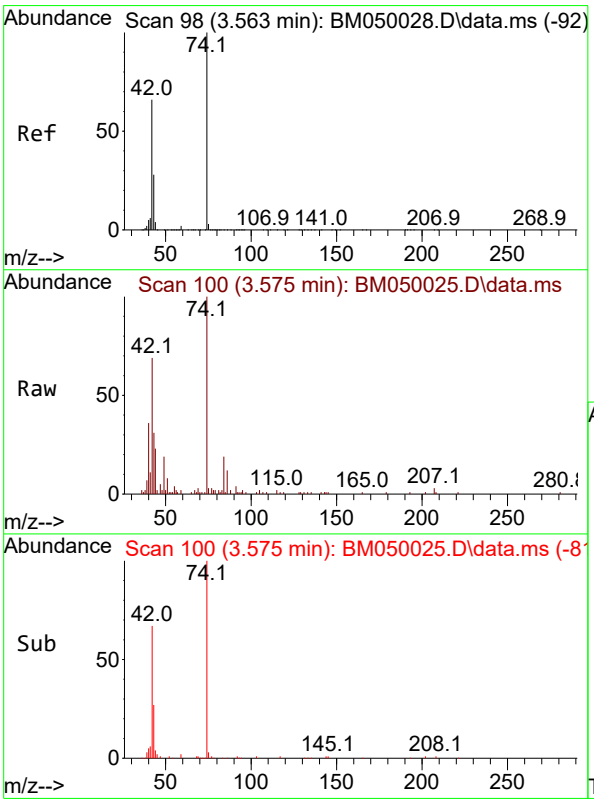
Ion	Ratio	Lower	Upper
79	100		
52	60.5	48.6	72.8
51	34.0	24.6	37.0

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

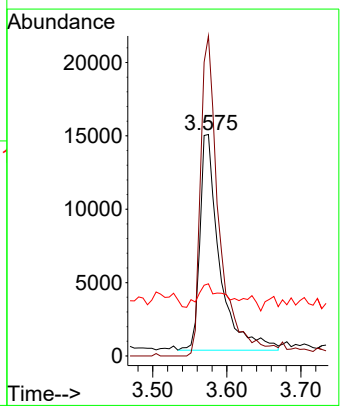


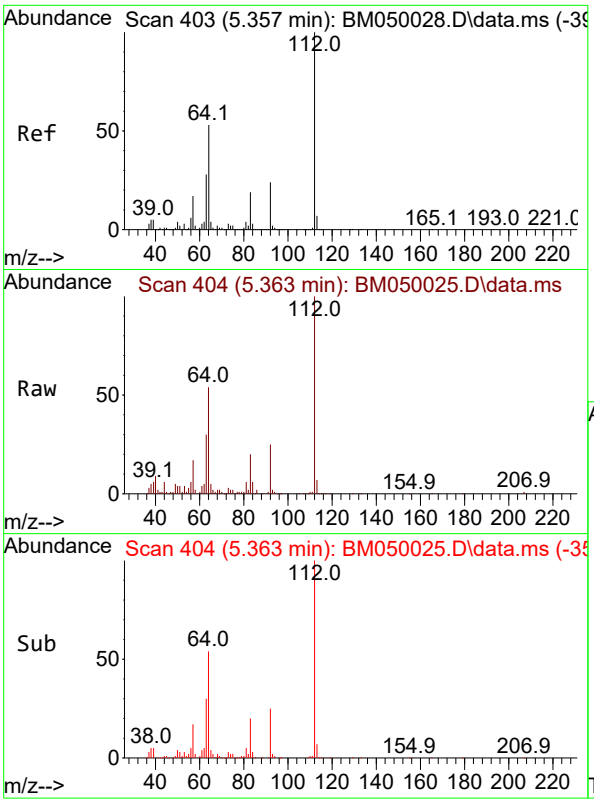


#4
n-Nitrosodimethylamine
Concen: 4.930 ng
RT: 3.575 min Scan# 100
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 42 Resp: 27060

Ion	Ratio	Lower	Upper
42	100		
74	144.5	120.2	180.2
44	32.5	6.2	9.2#

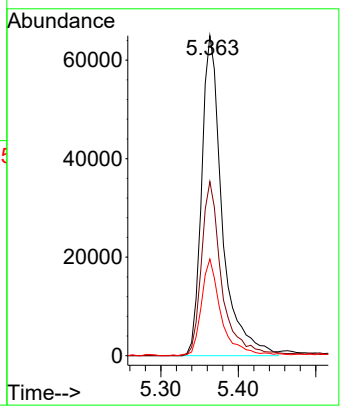




#5
2-Fluorophenol
Concen: 9.406 ng
RT: 5.363 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:112 Resp: 11947

Ion	Ratio	Lower	Upper
112	100		
64	54.4	42.6	64.0
63	30.2	22.2	33.4



Instrument :
BNA_M
ClientSampleId :
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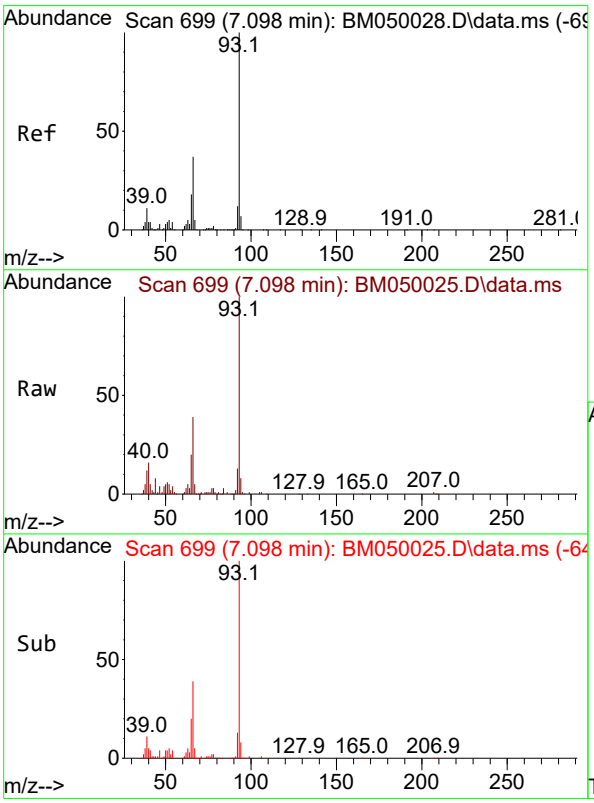
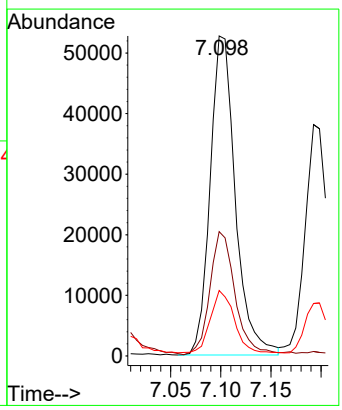
Supervised By :Jagrut Upadhyay 04/29/2025

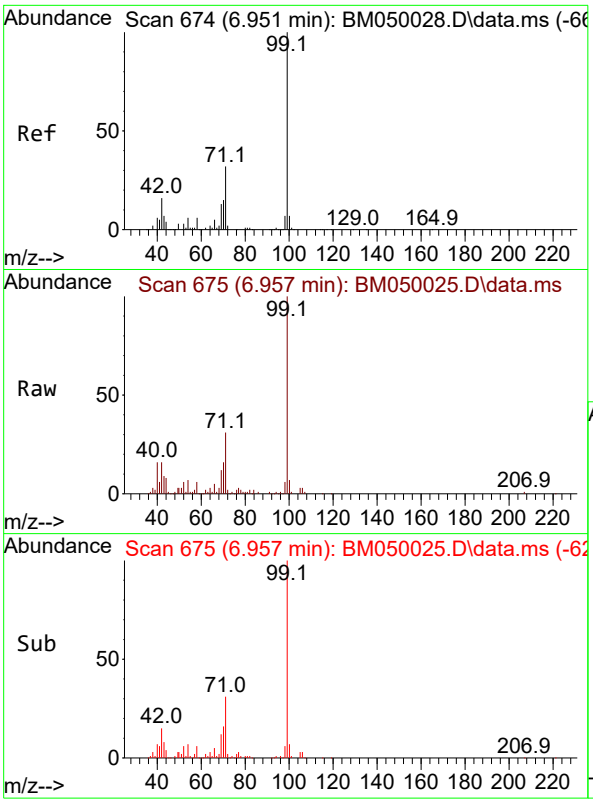


#6
Aniline
Concen: 4.570 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 93 Resp: 92126

Ion	Ratio	Lower	Upper
93	100		
66	38.9	29.9	44.9
65	20.5	14.5	21.7





#7
Phenol-d6
Concen: 8.985 ng
RT: 6.957 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 99 Resp: 14345

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.0	19.4
71	30.9	25.6	38.4

Instrument :
BNA_M
ClientSampleId :
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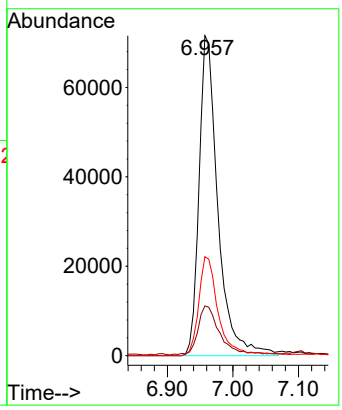
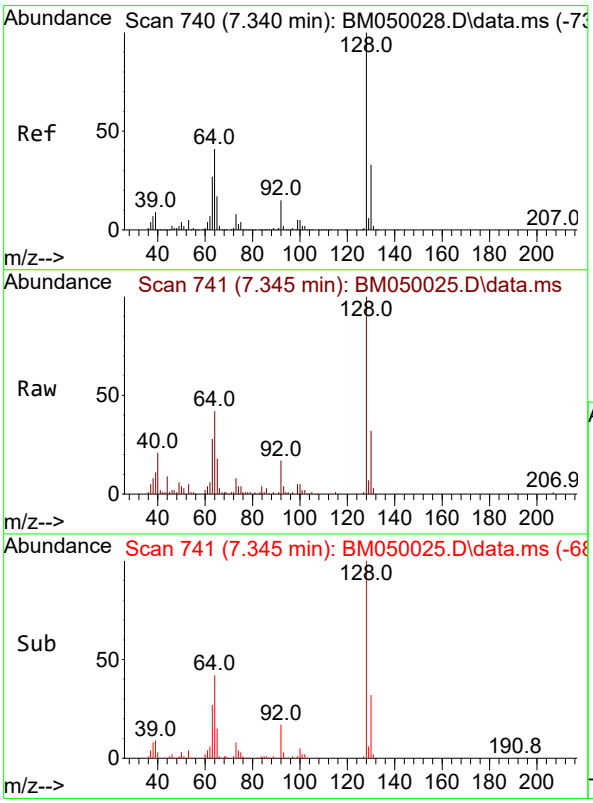
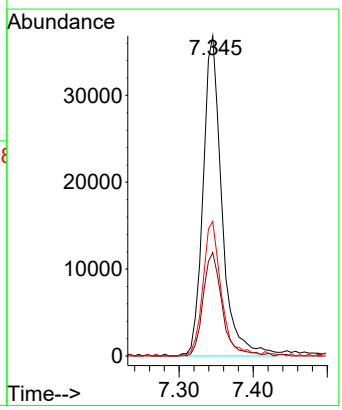


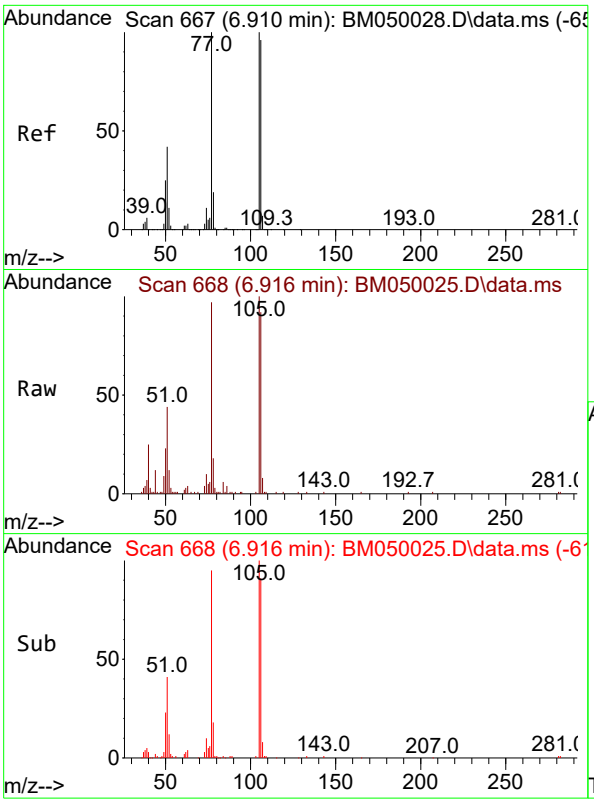


#8
2-Chlorophenol
Concen: 4.733 ng
RT: 7.345 min Scan# 741
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:128 Resp: 64999

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.8	52.8
64	42.0	21.2	61.2

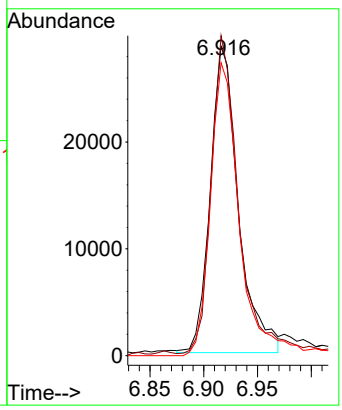




#9
Benzaldehyde
Concen: 4.900 ng m
RT: 6.916 min Scan# 6(
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 77 Resp: 5228(

Ion	Ratio	Lower	Upper
77	100		
105	103.4	80.5	120.5
106	94.6	76.1	116.1



Instrument :
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ClientSampleId :
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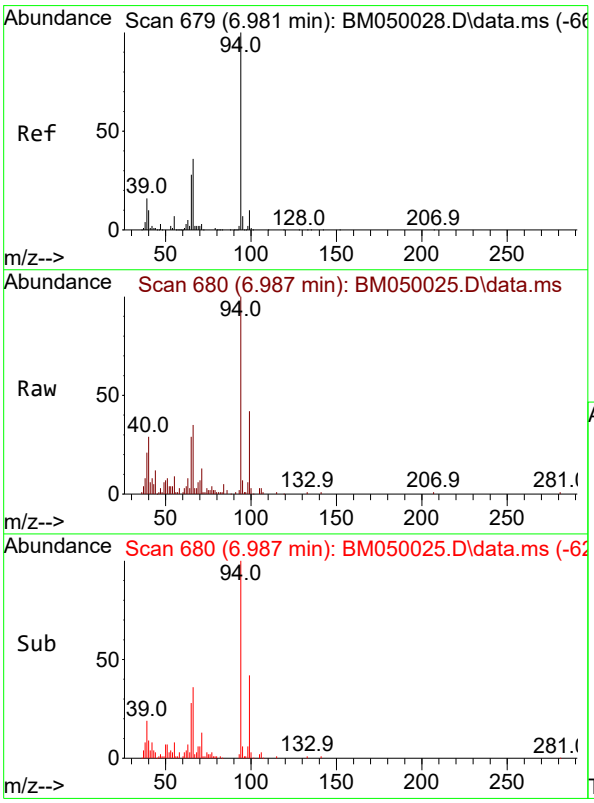
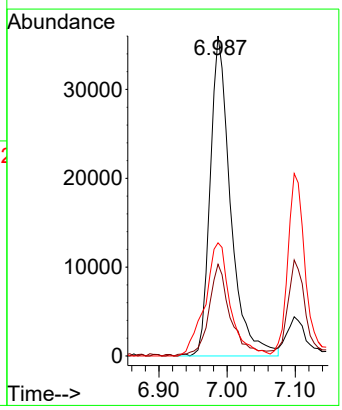
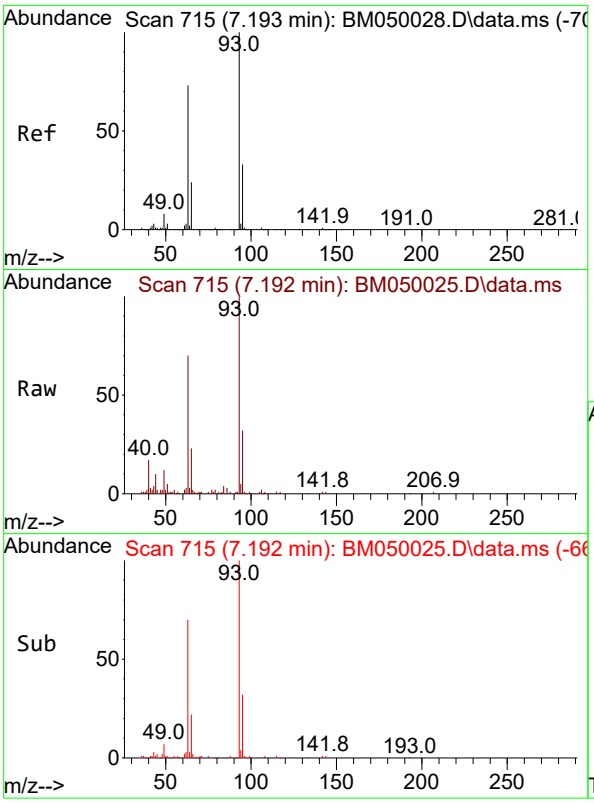


#10
Phenol
Concen: 4.641 ng
RT: 6.987 min Scan# 680
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 94 Resp: 75011

Ion	Ratio	Lower	Upper
94	100		
65	28.6	7.6	47.6
66	35.3	15.8	55.8

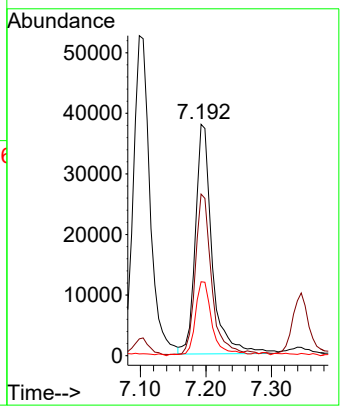




#11
bis(2-Chloroethyl)ether
Concen: 4.998 ng
RT: 7.192 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 93 Resp: 6744

Ion	Ratio	Lower	Upper
93	100		
63	69.8	52.3	92.3
95	32.0	12.8	52.8



Instrument :
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ClientSampleId :
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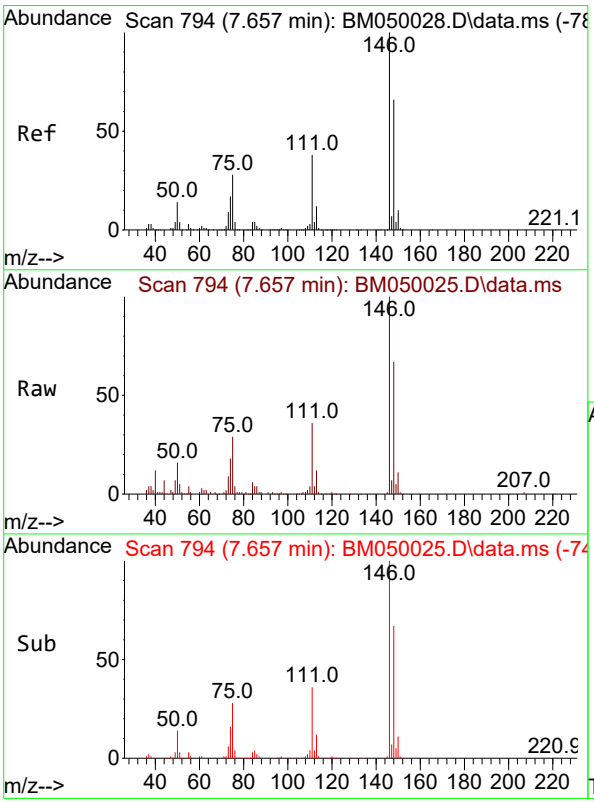
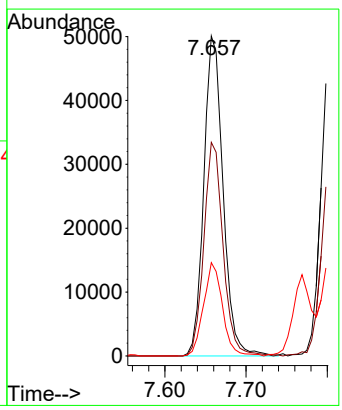
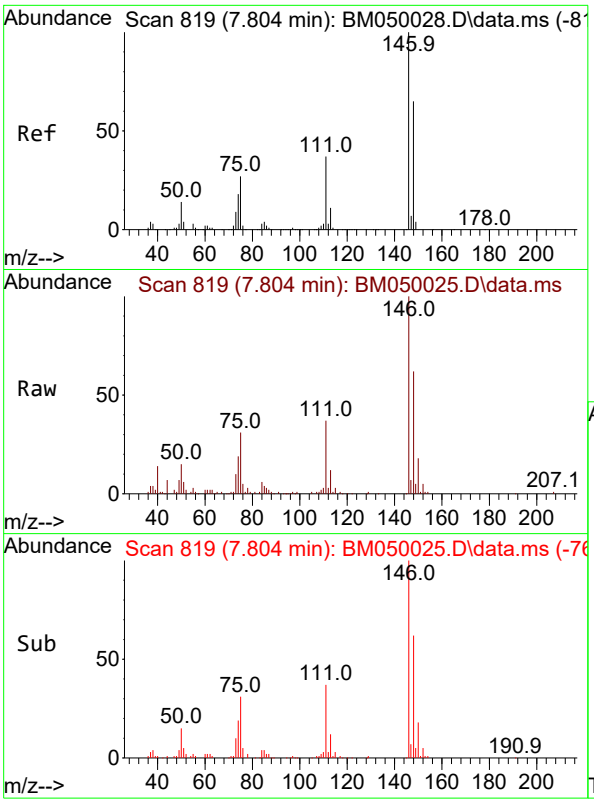


#12
1,3-Dichlorobenzene
Concen: 4.971 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:146 Resp: 82466

Ion	Ratio	Lower	Upper
146	100		
148	66.8	52.5	78.7
75	29.2	22.6	34.0

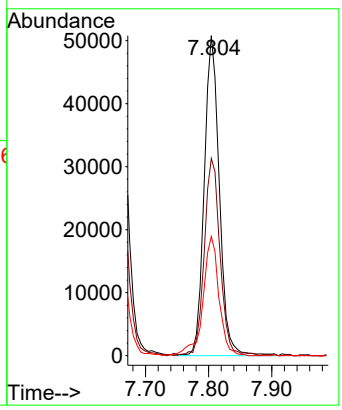




#13
1,4-Dichlorobenzene
Concen: 5.064 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:146 Resp: 8440

Ion	Ratio	Lower	Upper
146	100		
148	61.6	52.2	78.2
111	37.2	29.3	43.9



Instrument :
BNA_M
ClientSampleId :
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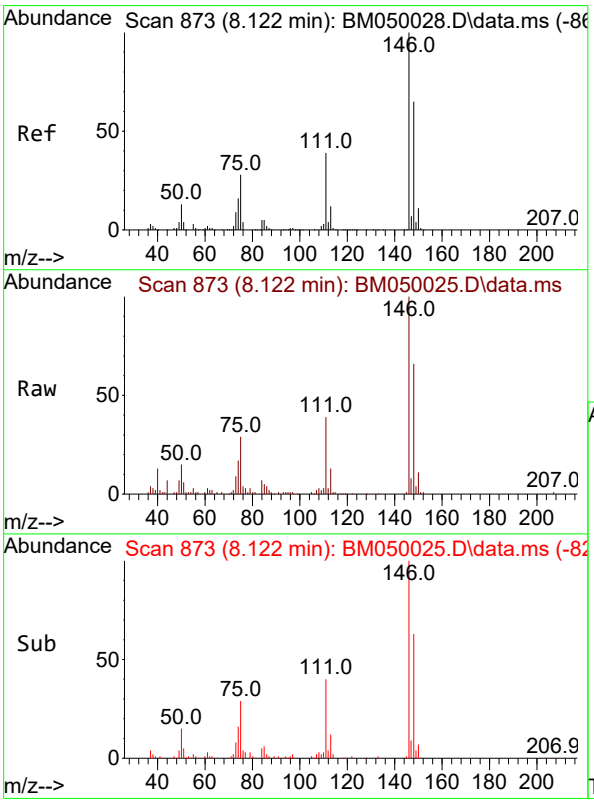
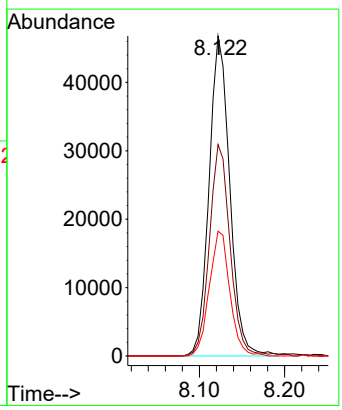
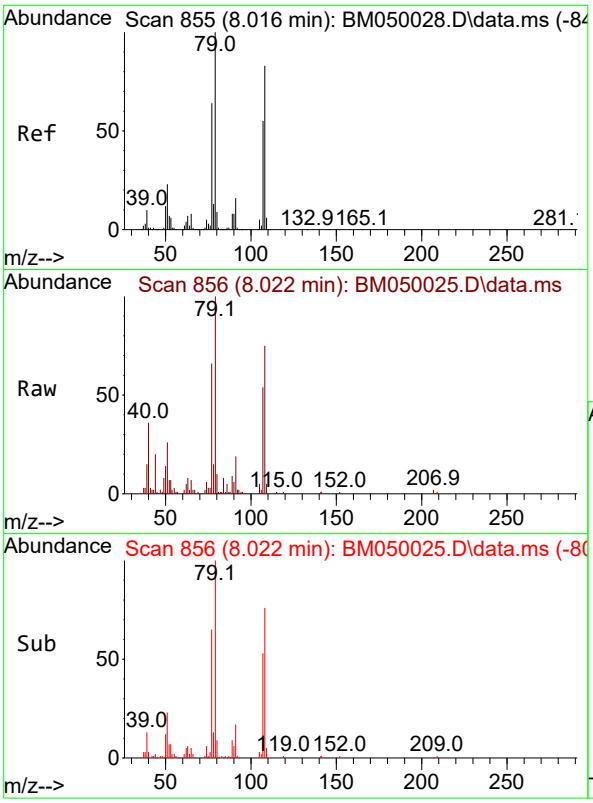


#14
1,2-Dichlorobenzene
Concen: 4.905 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:146 Resp: 78966

Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.4	78.6
111	39.0	31.0	46.6

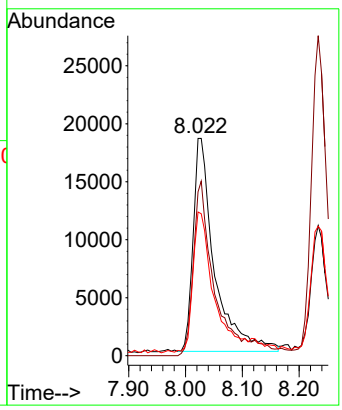




#15
Benzyl Alcohol
Concen: 4.352 ng
RT: 8.022 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 79 Resp: 4818

Ion	Ratio	Lower	Upper
79	100		
108	75.4	66.0	99.0
77	66.1	51.6	77.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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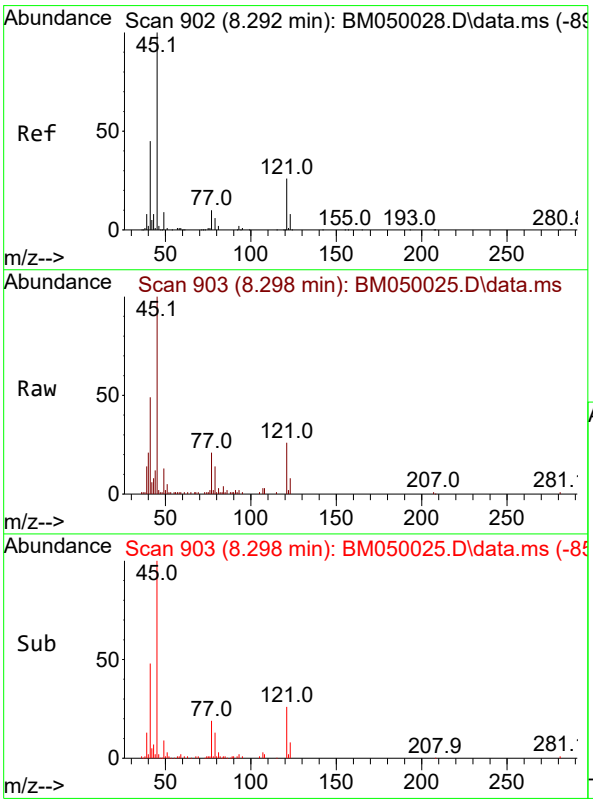
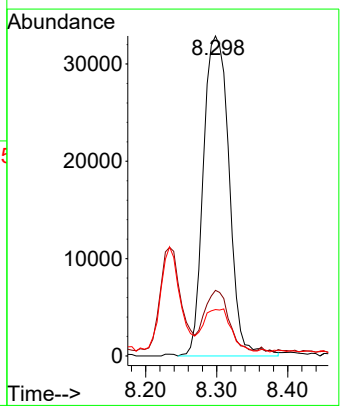
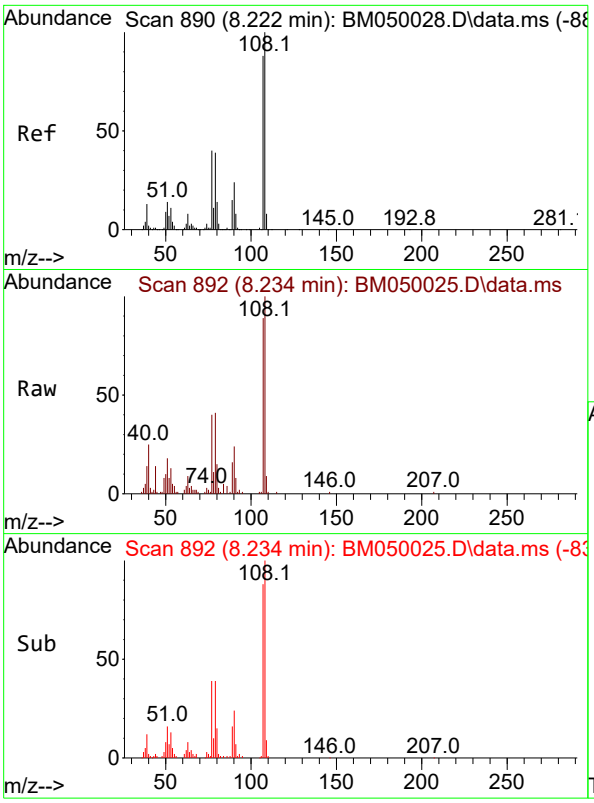


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.042 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 45 Resp: 82711

Ion	Ratio	Lower	Upper
45	100		
77	20.5	0.0	36.4
79	14.5	0.0	32.7

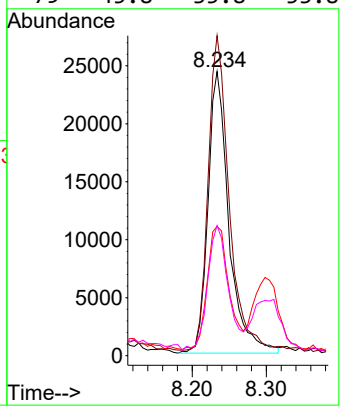




#17
2-Methylphenol
Concen: 4.474 ng
RT: 8.234 min Scan# 8
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:107 Resp: 4763

Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.1	136.7
77	45.6	36.2	54.4
79	45.8	35.8	53.8



Instrument :
BNA_M
ClientSampleId :
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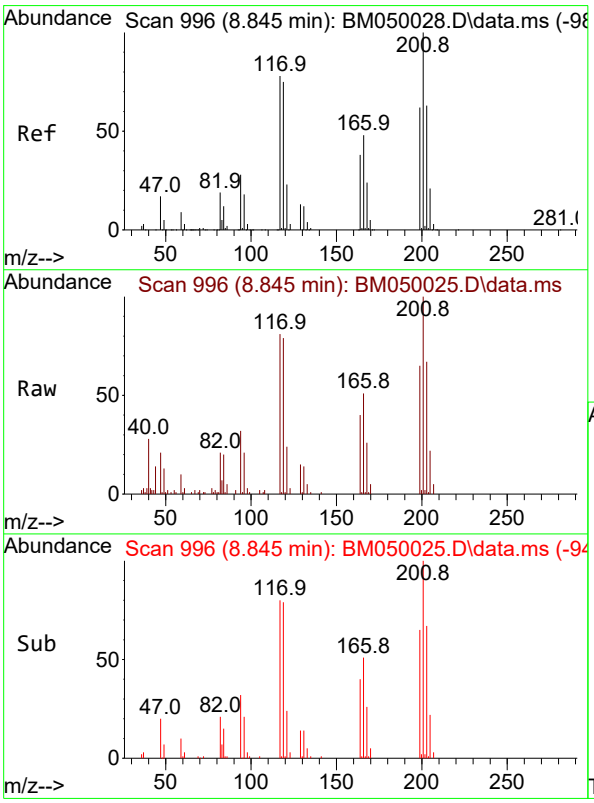
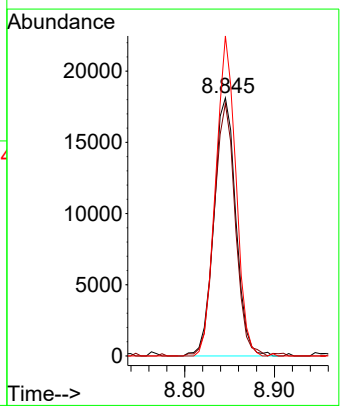
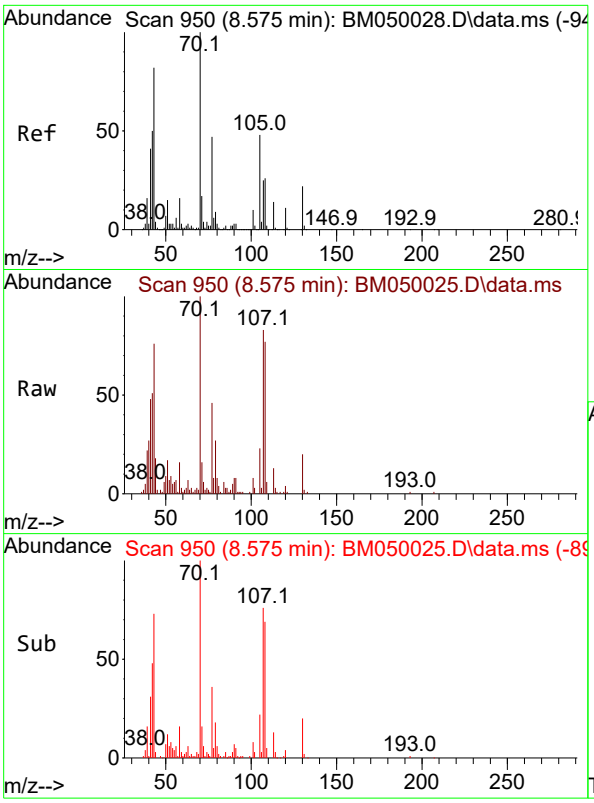


#18
Hexachloroethane
Concen: 5.185 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:117 Resp: 30717

Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.3	115.9
201	124.0	102.8	154.2

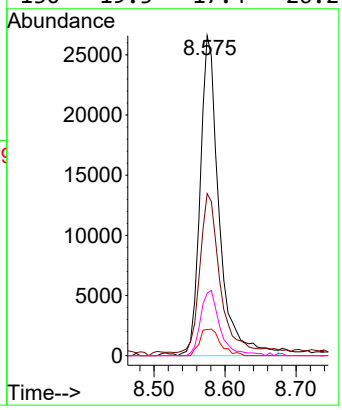




#19
n-Nitroso-di-n-propylamine
Concen: 4.830 ng
RT: 8.575 min Scan# 9
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 70 Resp: 4945

Ion	Ratio	Lower	Upper
70	100		
42	50.7	40.5	60.7
101	8.2	7.8	11.6
130	19.5	17.4	26.2



Instrument :
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ClientSampleId :
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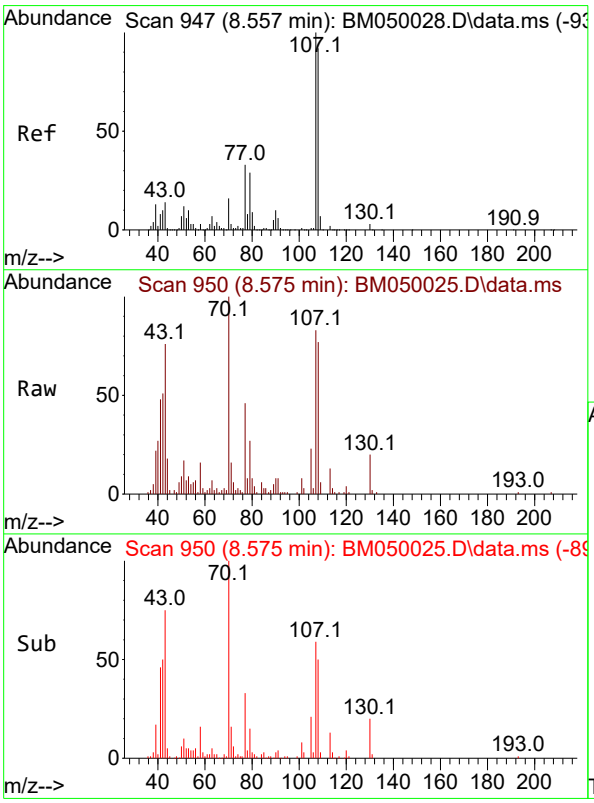
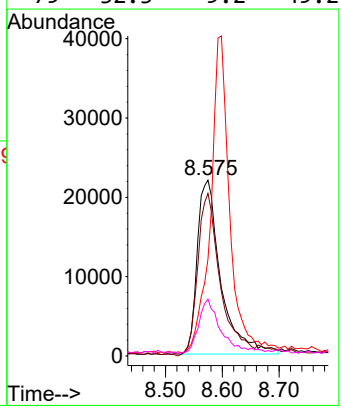
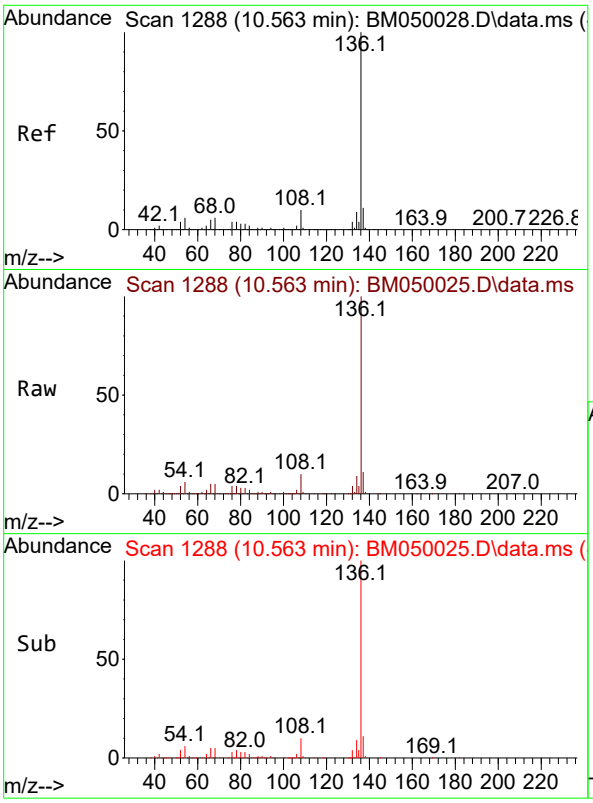


#20
3+4-Methylphenols
Concen: 4.397 ng
RT: 8.575 min Scan# 950
Delta R.T. 0.018 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:107 Resp: 63223

Ion	Ratio	Lower	Upper
107	100		
108	92.4	72.4	112.4
77	55.1	13.6	53.6#
79	32.3	9.2	49.2

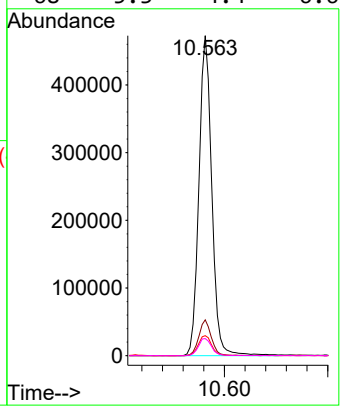




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:136 Resp: 81536

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.3	5.1	7.7
68	5.3	4.4	6.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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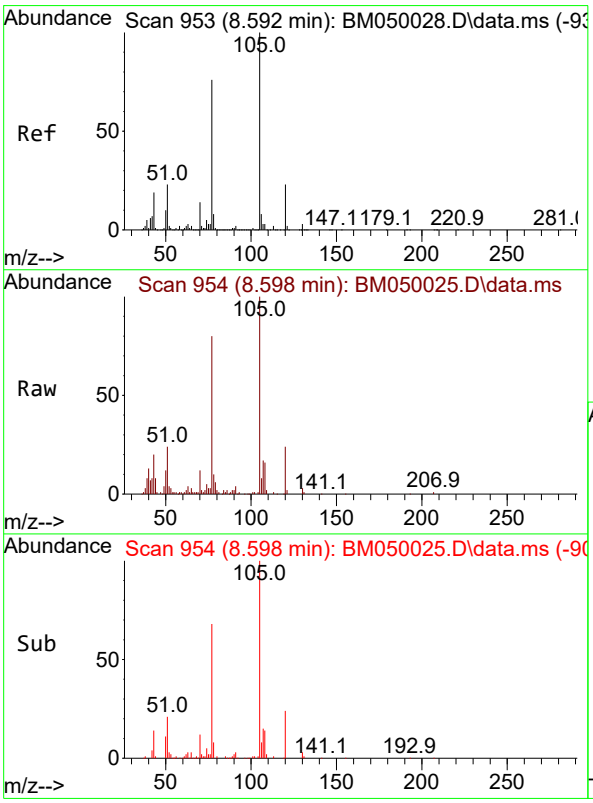
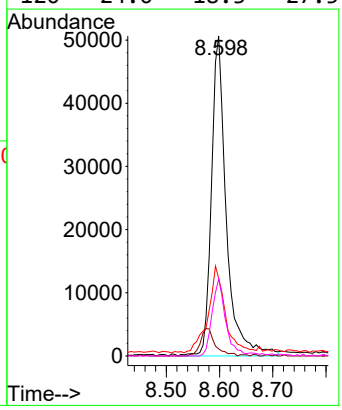
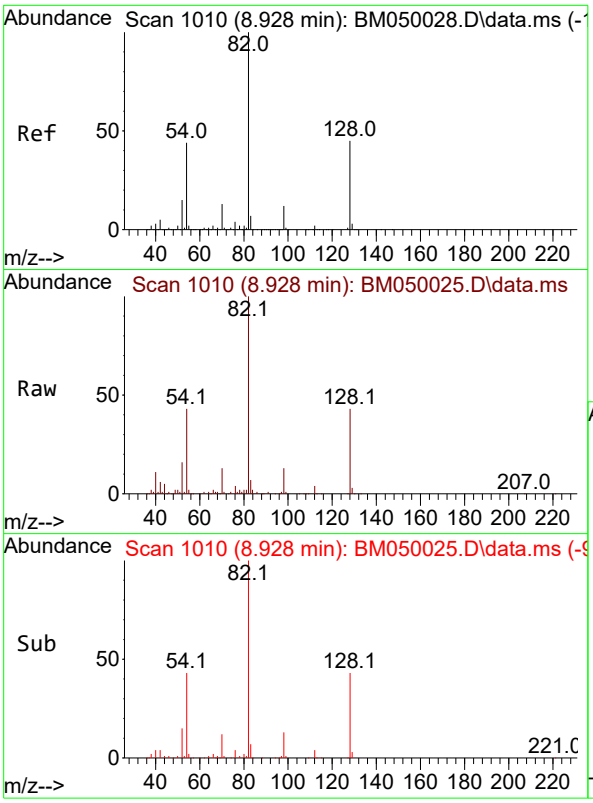


#22
Acetophenone
Concen: 4.852 ng
RT: 8.598 min Scan# 954
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:105 Resp: 98358

Ion	Ratio	Lower	Upper
105	100		
71	2.2	1.7	2.5
51	24.3	18.6	27.8
120	24.0	18.3	27.5





#23
Nitrobenzene-d5
Concen: 9.502 ng
RT: 8.928 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 82 Resp: 15722

Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.7	53.5
54	43.3	35.4	53.2

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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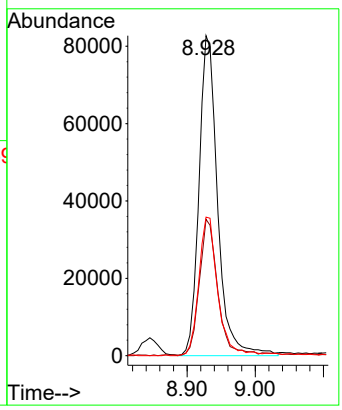
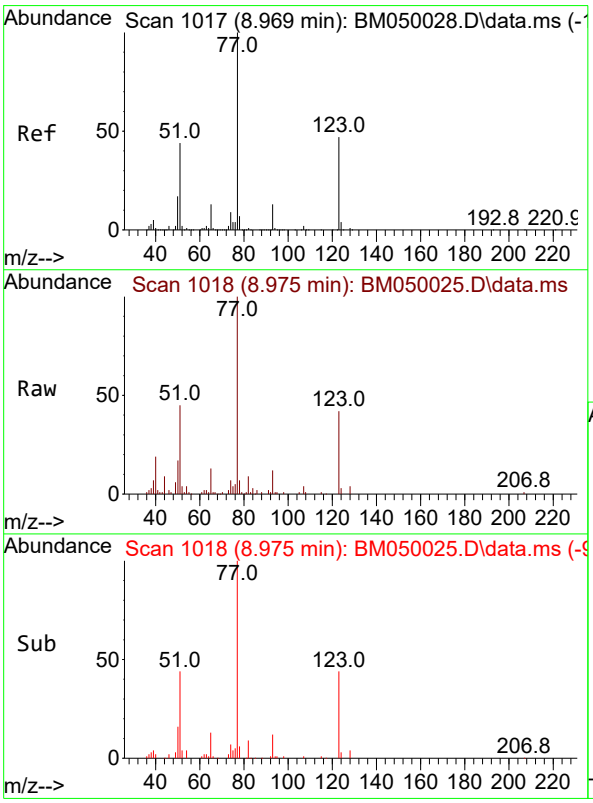
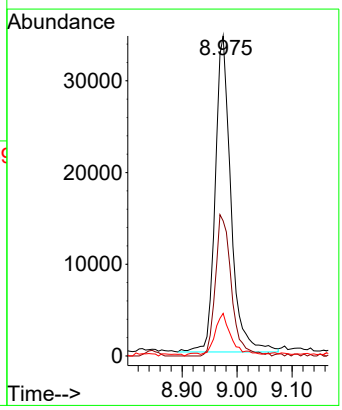


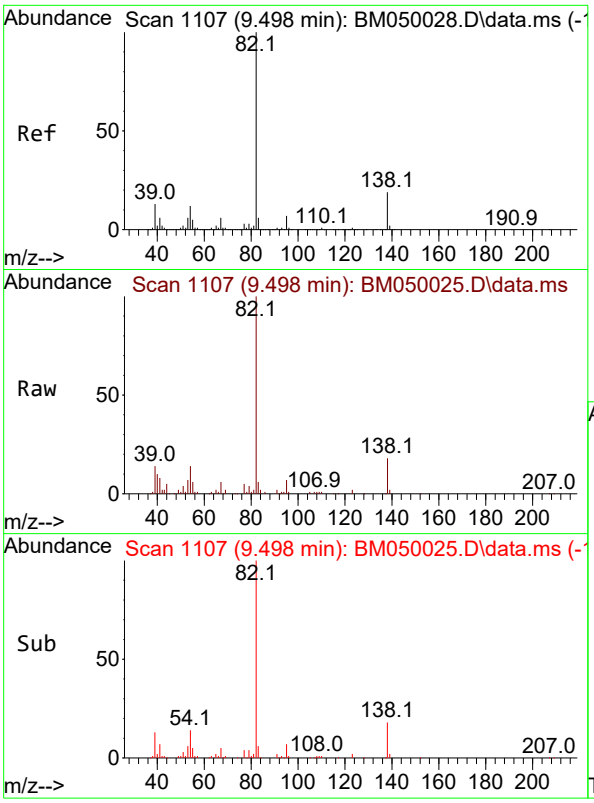


#24
Nitrobenzene
Concen: 4.795 ng
RT: 8.975 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 77 Resp: 68598

Ion	Ratio	Lower	Upper
77	100		
123	42.2	37.9	56.9
65	13.3	10.1	15.1





#25
Isophorone
Concen: 4.816 ng
RT: 9.498 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 82 Resp: 13582

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.7	8.5
138	18.2	15.5	23.3

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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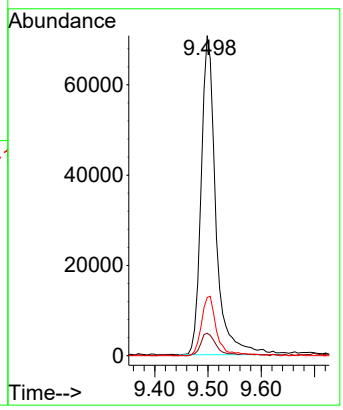
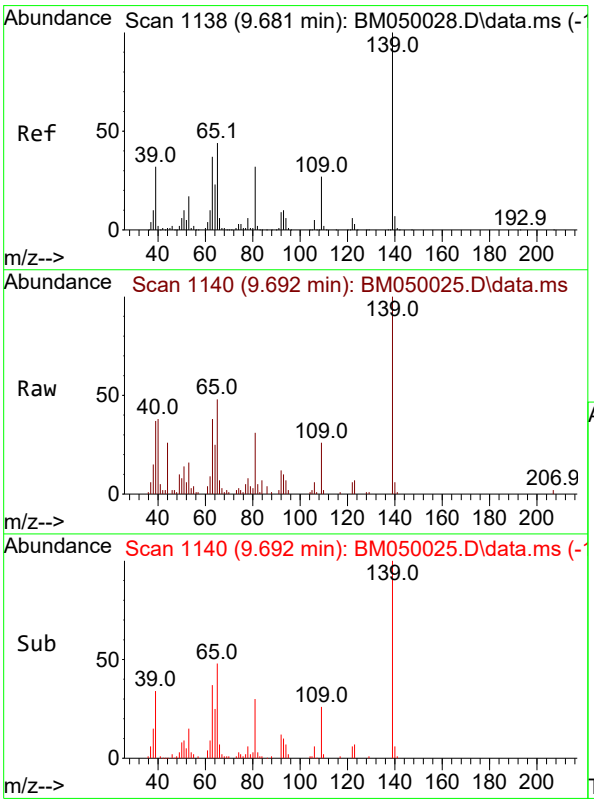
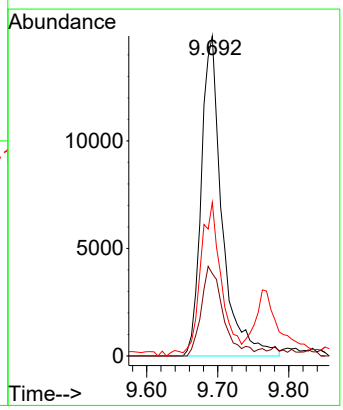


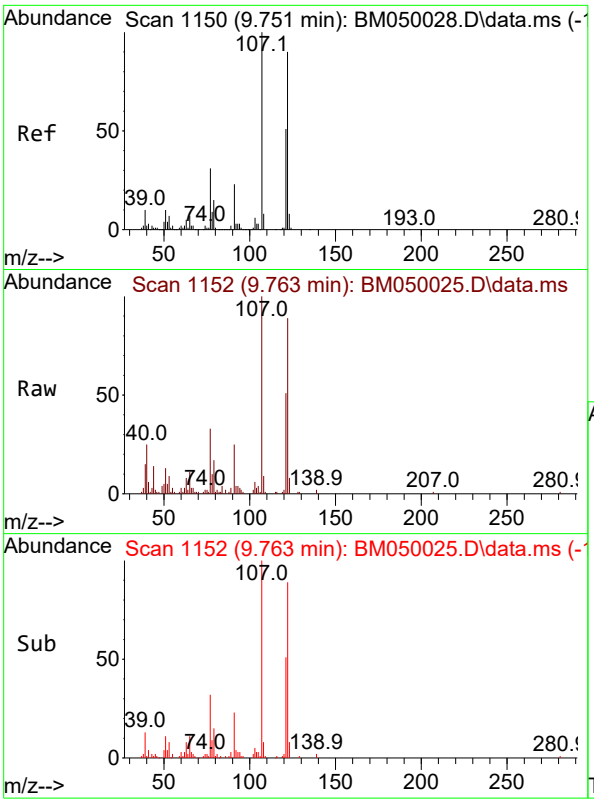


#26
2-Nitrophenol
Concen: 4.140 ng
RT: 9.692 min Scan# 1140
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:139 Resp: 30257

Ion	Ratio	Lower	Upper
139	100		
109	25.8	21.9	32.9
65	48.0	35.4	53.2





#27
2,4-Dimethylphenol
Concen: 4.427 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:122 Resp: 5366

Ion	Ratio	Lower	Upper
122	100		
107	112.5	89.0	133.6
121	57.0	45.6	68.4

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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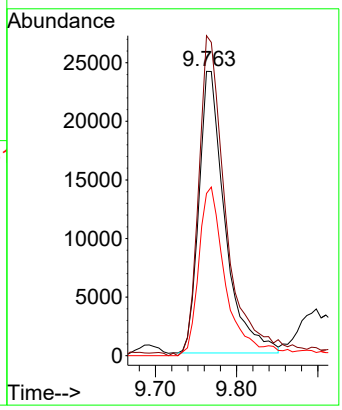
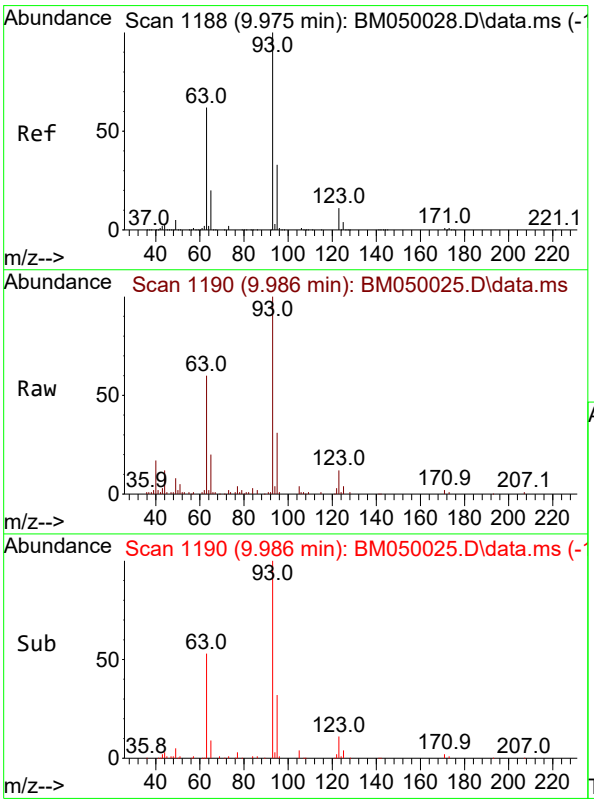
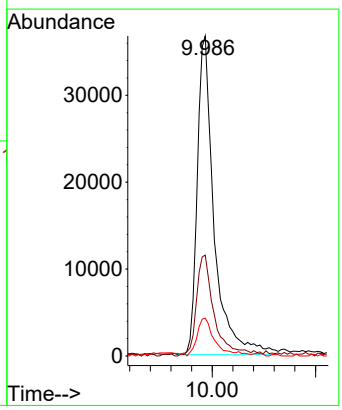


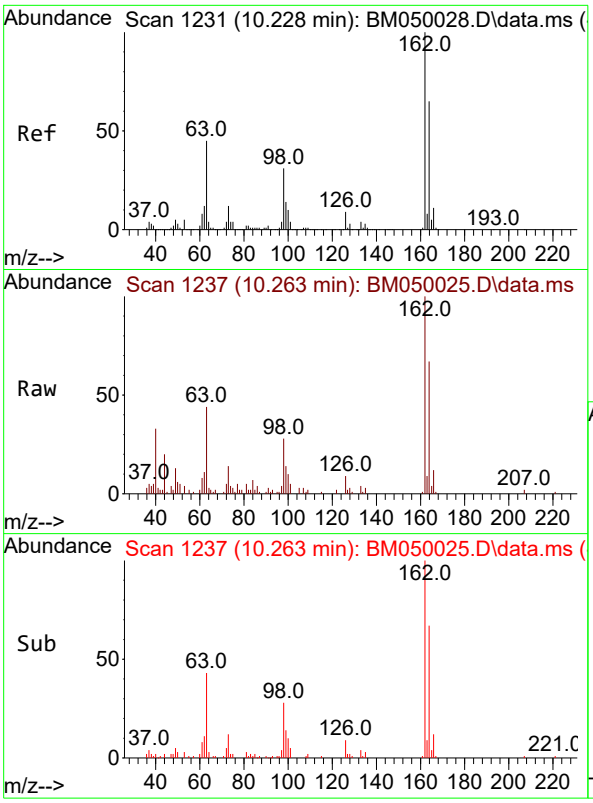


#28
bis(2-Chloroethoxy)methane
Concen: 4.758 ng
RT: 9.986 min Scan# 1190
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 93 Resp: 82947

Ion	Ratio	Lower	Upper
93	100		
95	31.5	26.1	39.1
123	11.8	9.5	14.3

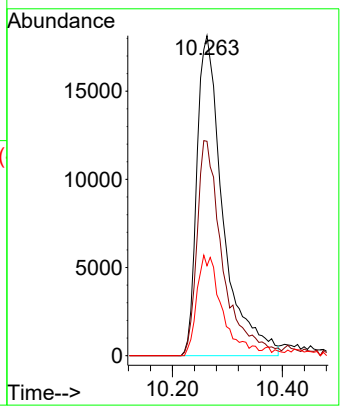




#29
2,4-Dichlorophenol
Concen: 4.406 ng
RT: 10.263 min Scan# 1
Delta R.T. 0.035 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:162 Resp: 5982

Ion	Ratio	Lower	Upper
162	100		
164	67.0	45.4	85.4
98	28.1	11.3	51.3



Instrument :
BNA_M
ClientSampleId :
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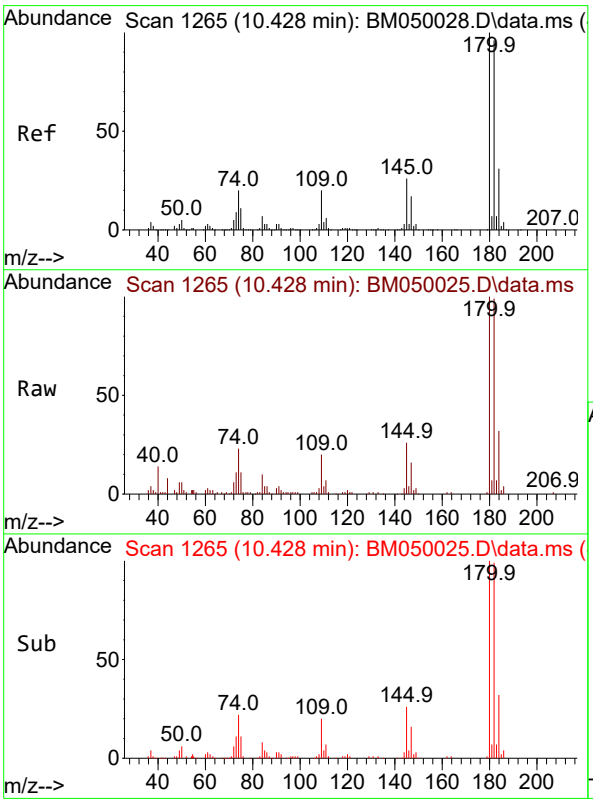
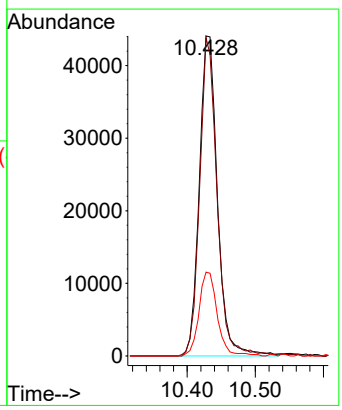
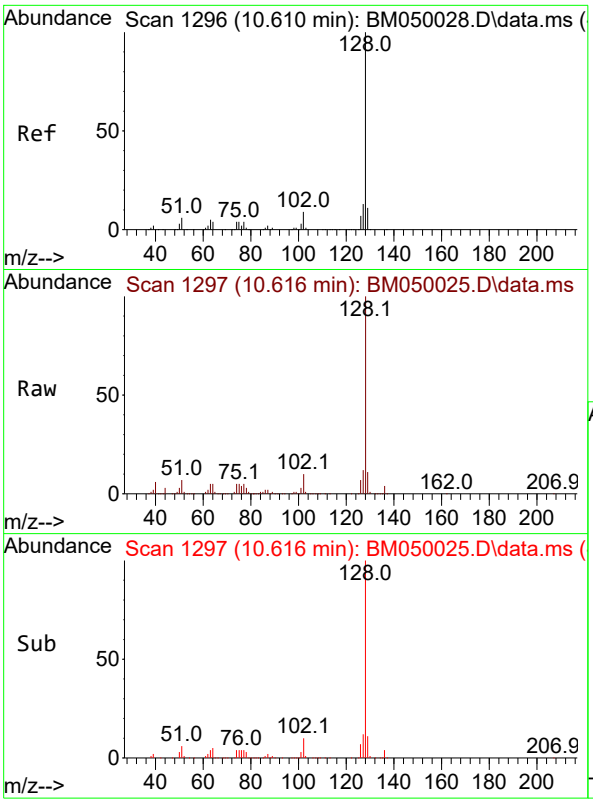


#30
1,2,4-Trichlorobenzene
Concen: 4.934 ng
RT: 10.428 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:180 Resp: 81624

Ion	Ratio	Lower	Upper
180	100		
182	99.4	77.0	115.4
145	26.2	20.6	30.8

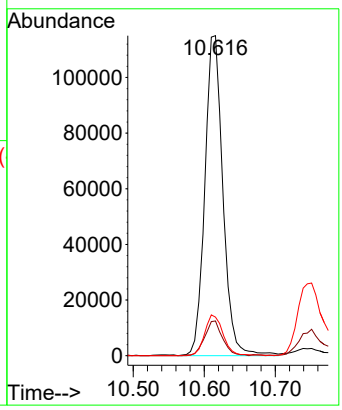




#31
Naphthalene
Concen: 4.944 ng
RT: 10.616 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:128 Resp: 20413

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.0	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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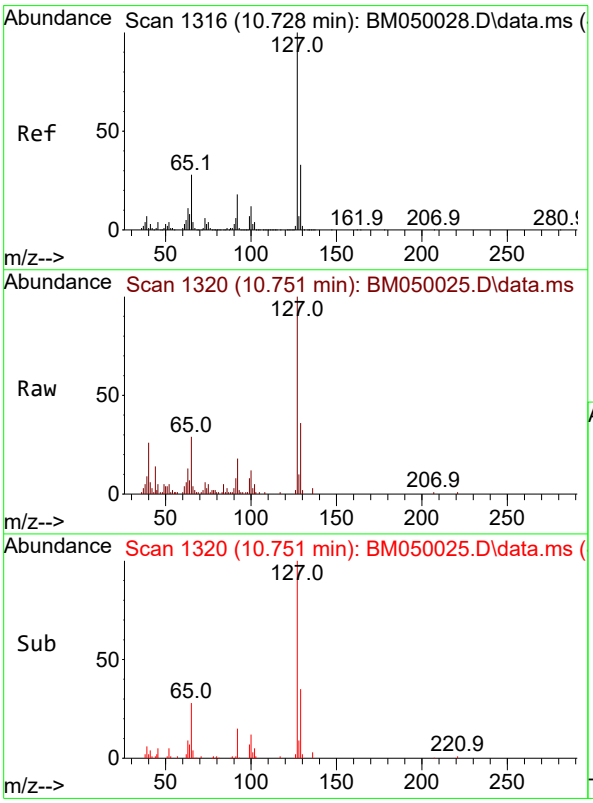
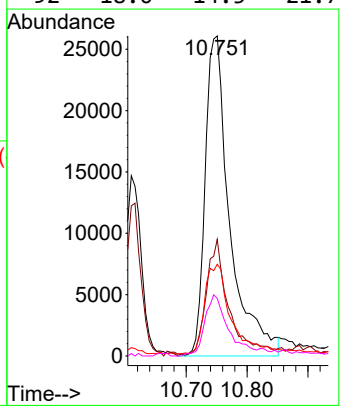
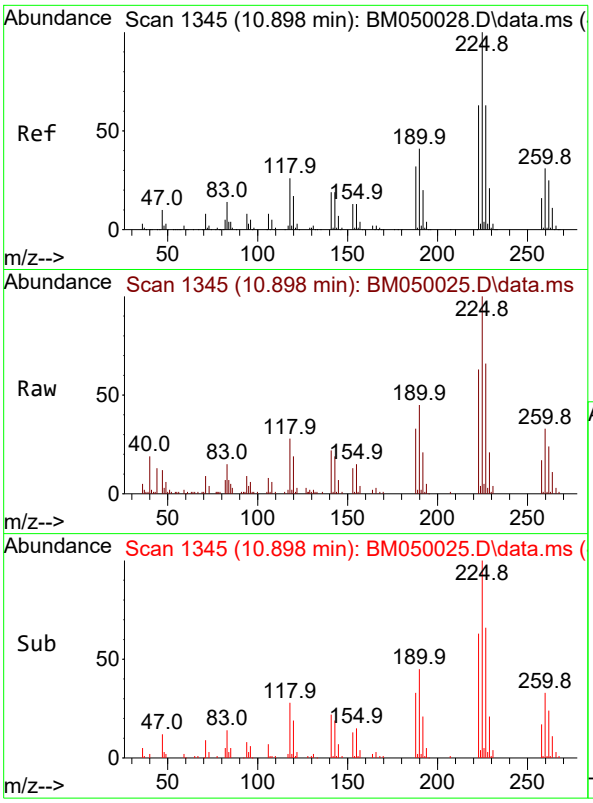


#33
4-Chloroaniline
Concen: 4.345 ng
RT: 10.751 min Scan# 1320
Delta R.T. 0.023 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:127 Resp: 73542

Ion	Ratio	Lower	Upper
127	100		
129	36.4	26.3	39.5
65	28.6	22.5	33.7
92	18.0	14.5	21.7

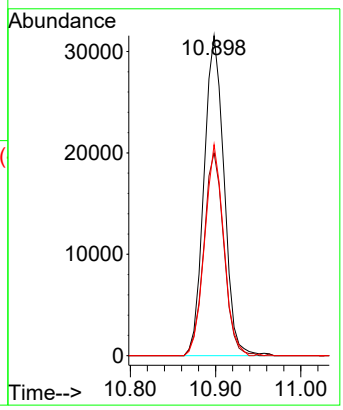




#34
Hexachlorobutadiene
Concen: 4.907 ng
RT: 10.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:225 Resp: 5152

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.2	75.2
227	65.9	50.6	76.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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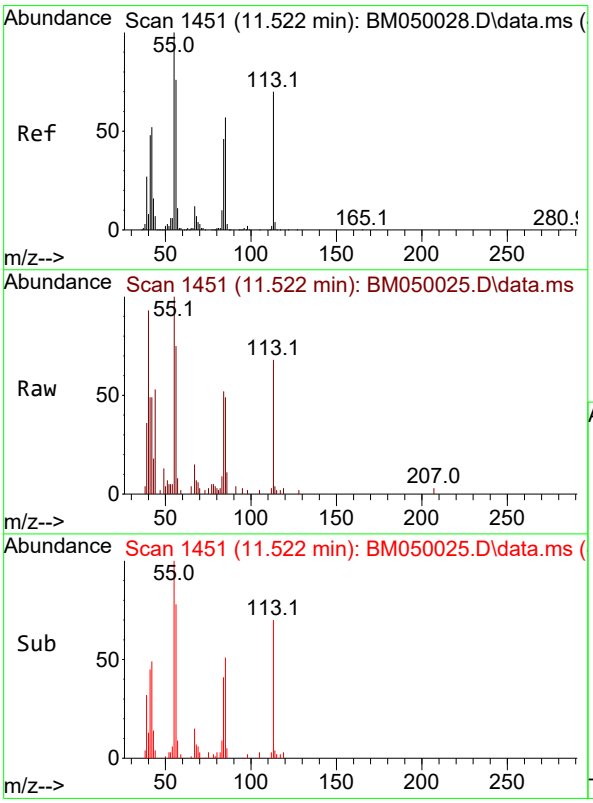
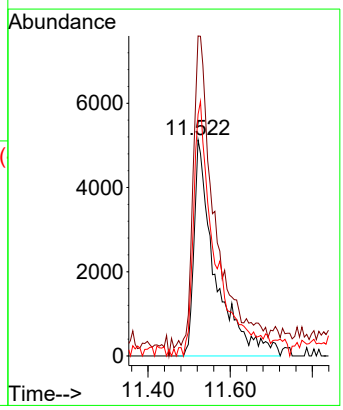
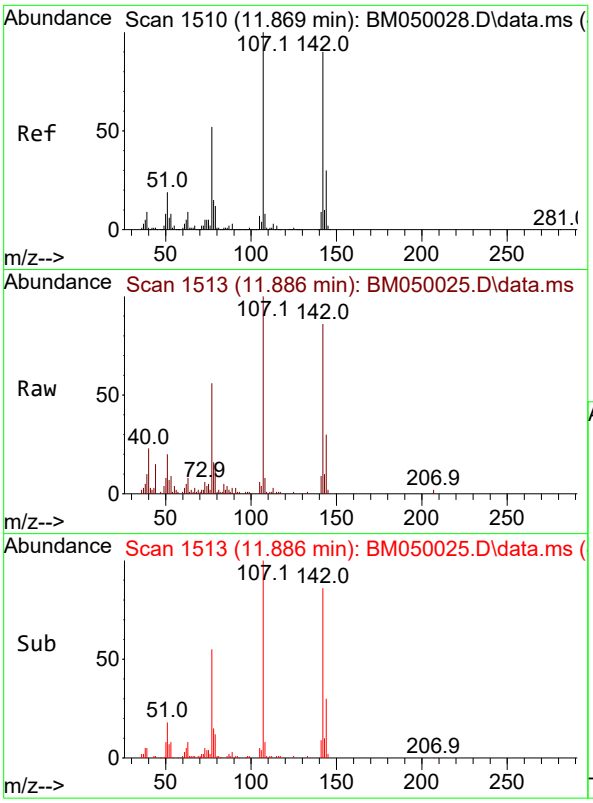


#35
Caprolactam
Concen: 4.634 ng m
RT: 11.522 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:113 Resp: 18349

Ion	Ratio	Lower	Upper
113	100		
55	148.1	122.9	162.9
56	111.8	88.1	128.1

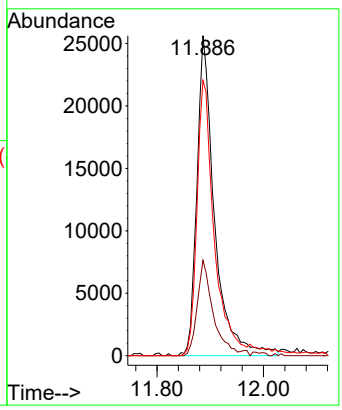




#36
4-Chloro-3-methylphenol
Concen: 4.690 ng
RT: 11.886 min Scan# 1
Delta R.T. 0.018 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:107 Resp: 5884

Ion	Ratio	Lower	Upper
107	100		
144	29.8	23.8	35.6
142	86.0	71.9	107.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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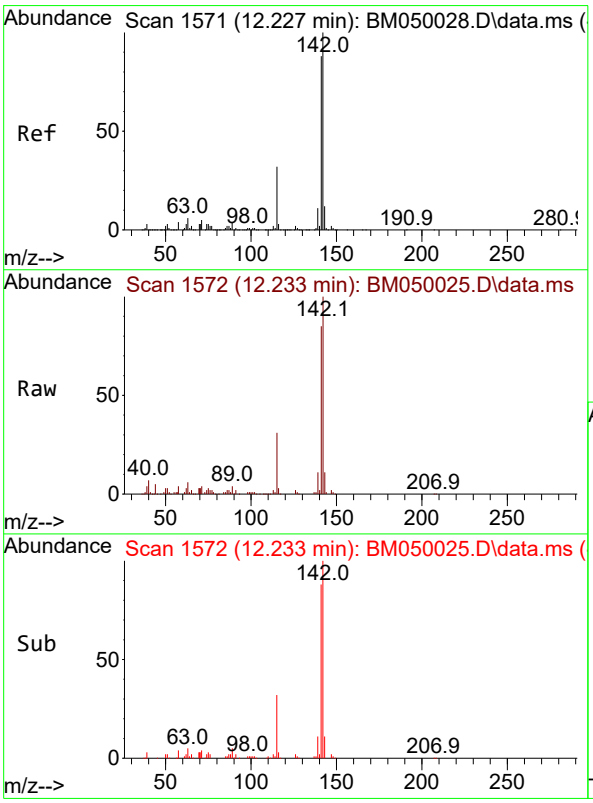
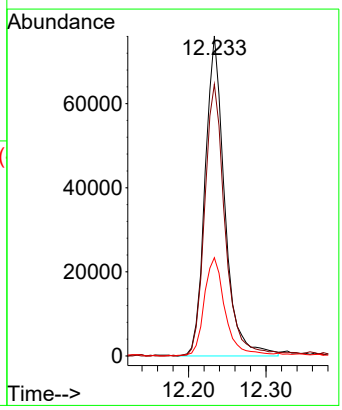
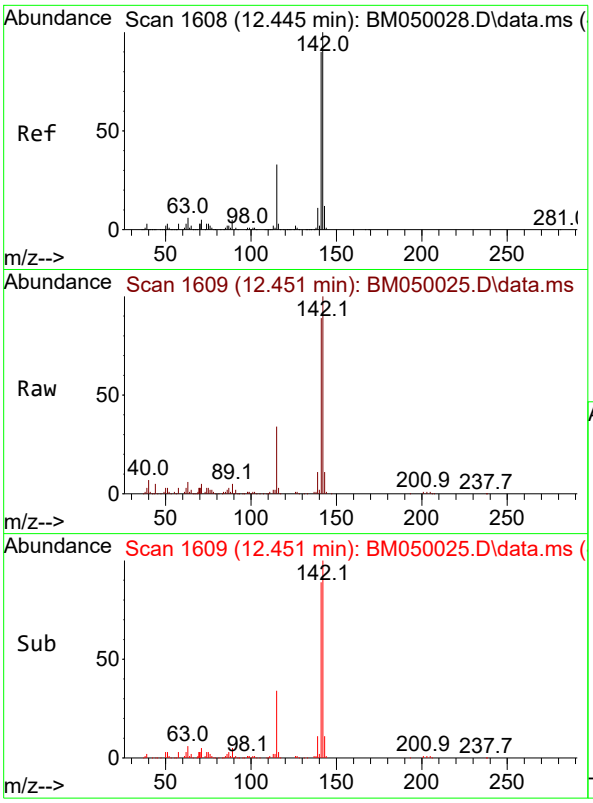


#37
2-Methylnaphthalene
Concen: 4.829 ng
RT: 12.233 min Scan# 1572
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:142 Resp: 133679

Ion	Ratio	Lower	Upper
142	100		
141	84.9	70.4	105.6
115	30.7	25.4	38.2

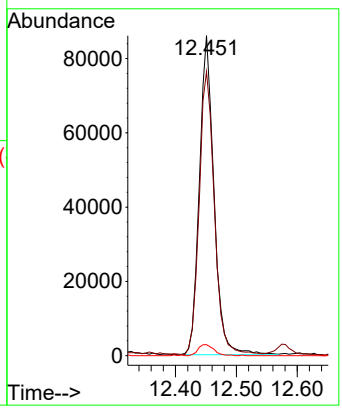




#38
1-Methylnaphthalene
Concen: 4.892 ng
RT: 12.451 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:142 Resp: 14333

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.1	108.1
116	3.5	2.7	4.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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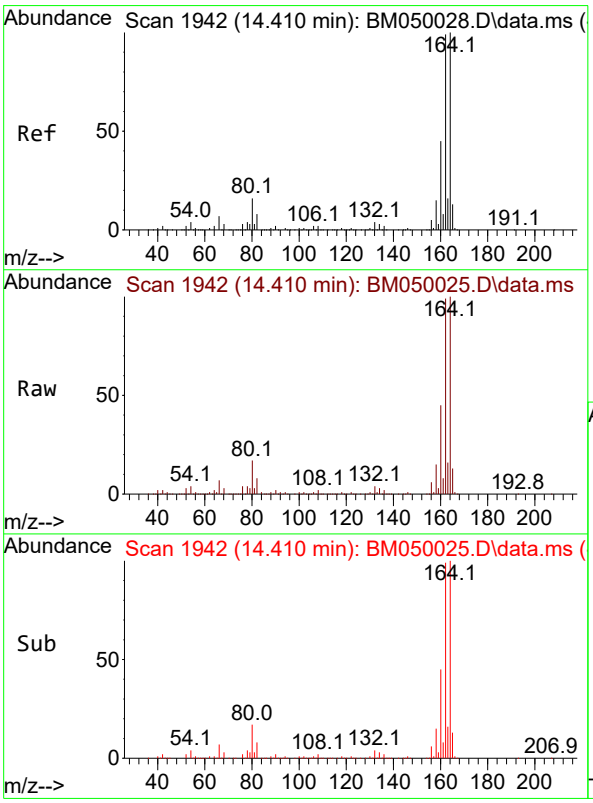
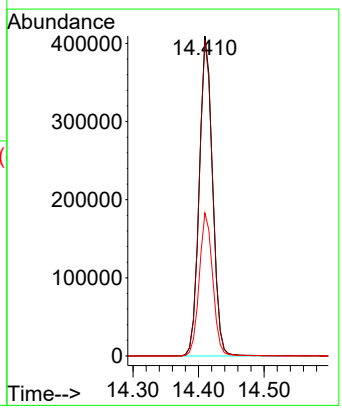
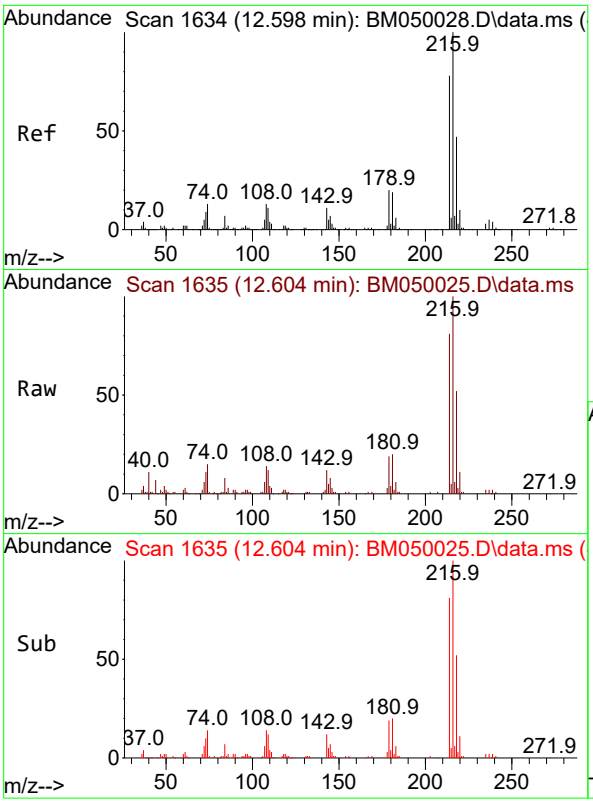


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:164 Resp: 578294

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.4	119.0
160	44.6	36.2	54.4

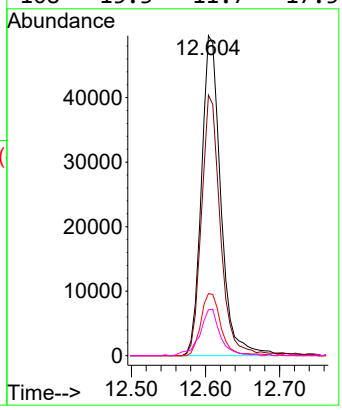




#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.504 ng
RT: 12.604 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:216 Resp: 9016

Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.3	93.5
179	20.2	15.4	23.0
108	15.3	11.7	17.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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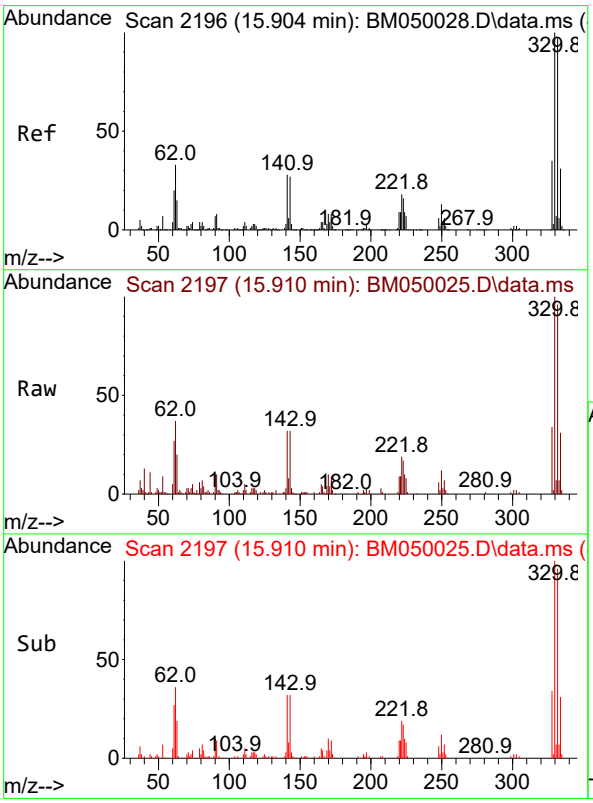
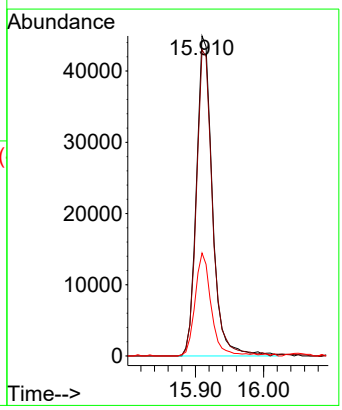
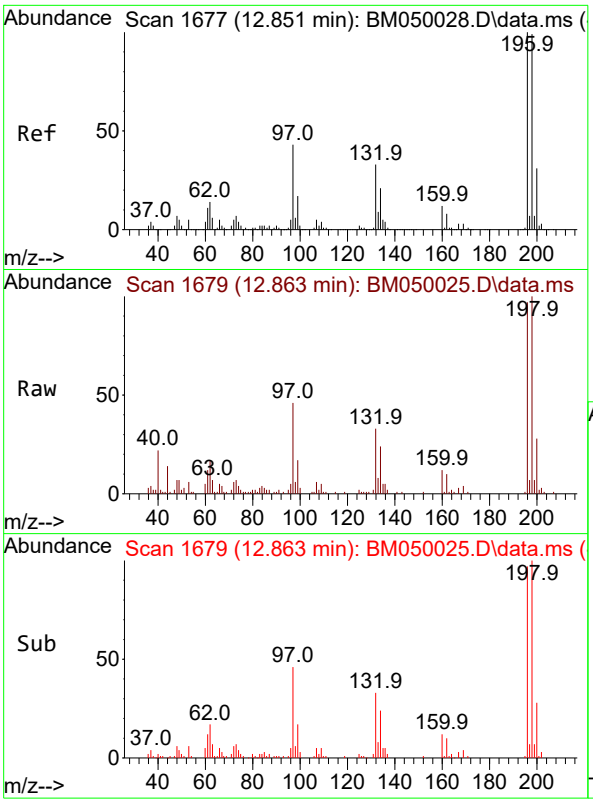


#42
2,4,6-Tribromophenol
Concen: 8.560 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:330 Resp: 73192

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	32.6	22.5	33.7

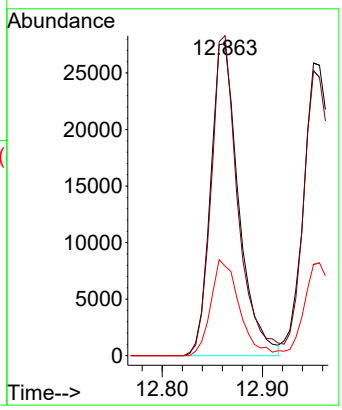




#43
2,4,6-Trichlorophenol
Concen: 4.233 ng
RT: 12.863 min Scan# 1
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:196 Resp: 5374

Ion	Ratio	Lower	Upper
196	100		
198	102.6	79.0	118.6
200	28.7	25.1	37.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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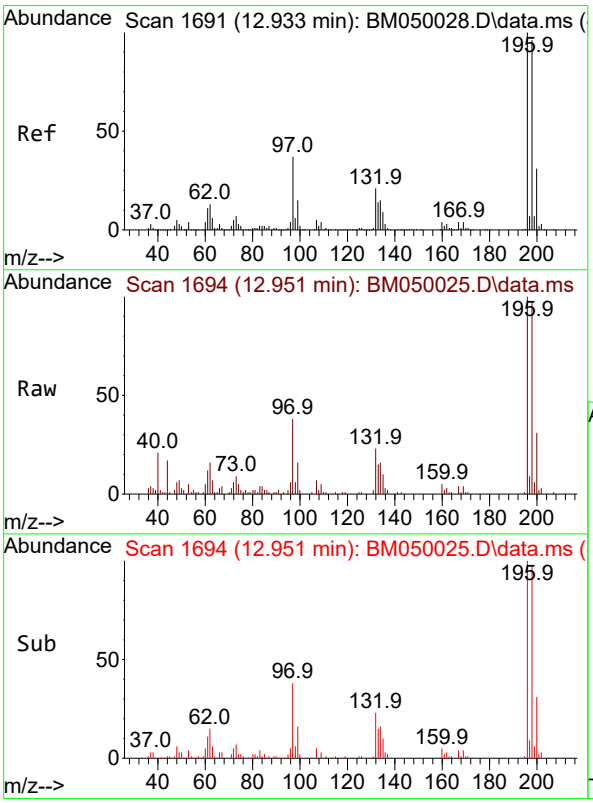
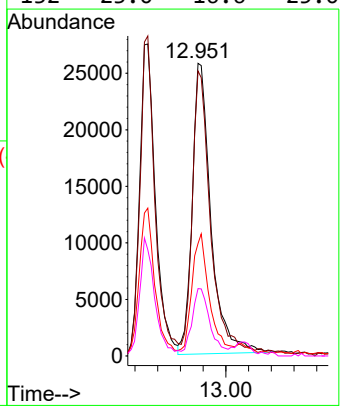
Supervised By :Jagrut Upadhyay 04/29/2025

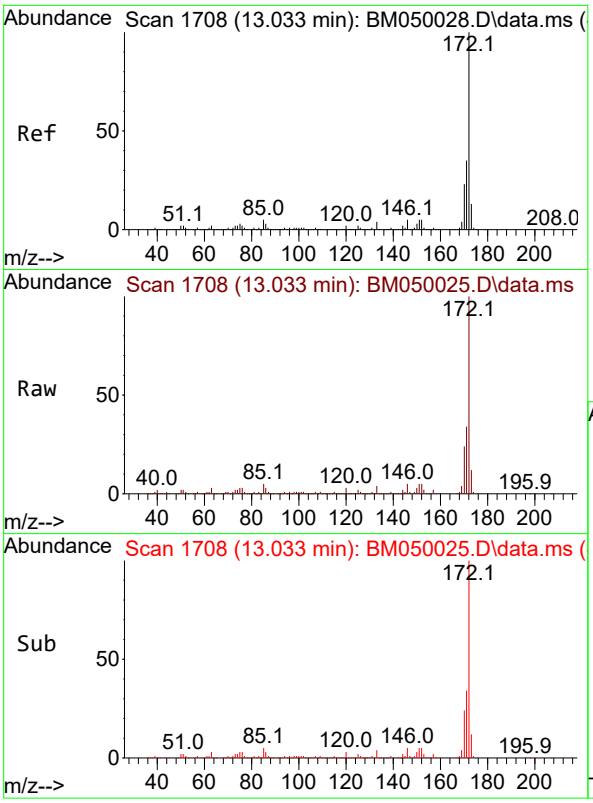


#44
2,4,5-Trichlorophenol
Concen: 4.325 ng
RT: 12.951 min Scan# 1694
Delta R.T. 0.018 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:196 Resp: 59224

Ion	Ratio	Lower	Upper
196	100		
198	97.4	76.7	115.1
97	38.4	30.1	45.1
132	23.0	16.6	25.0





#45
2-Fluorobiphenyl
Concen: 9.390 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:172 Resp: 45903

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.6
170	23.5	18.6	28.0

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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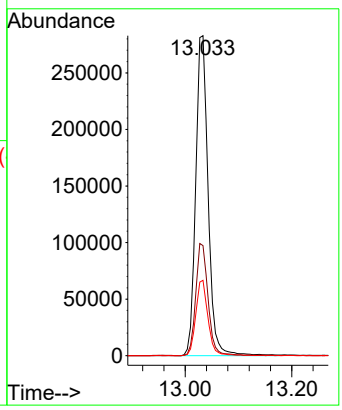
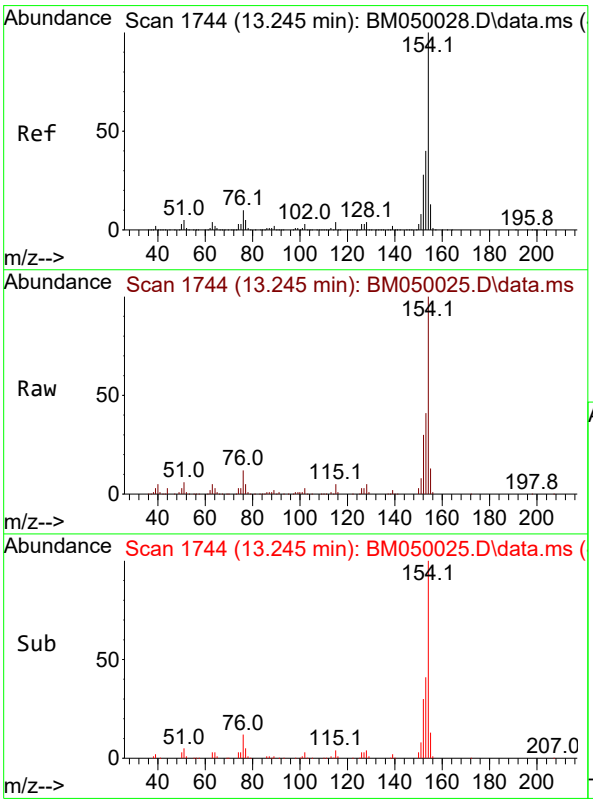
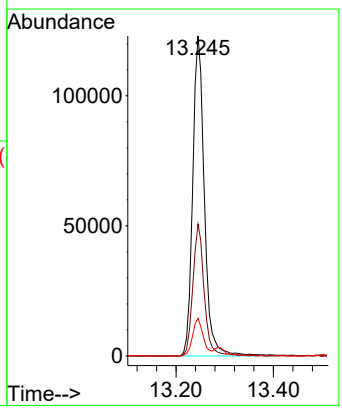


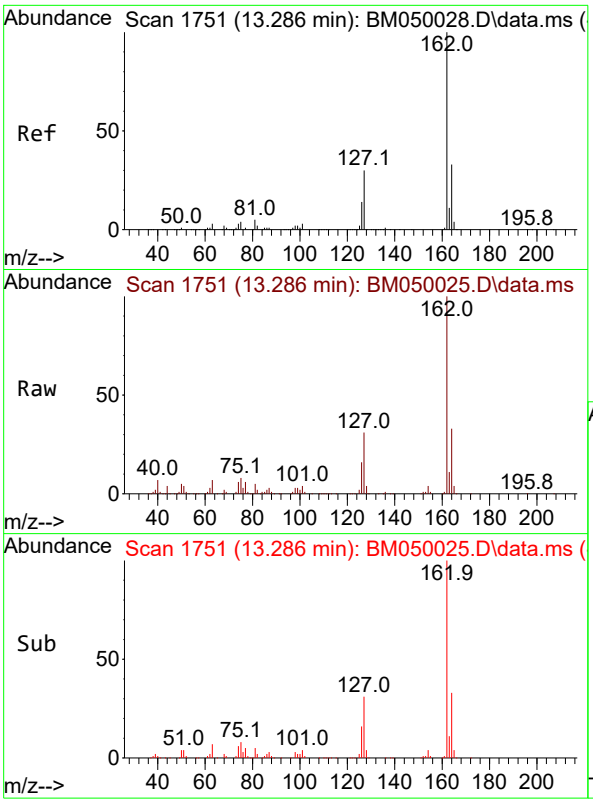


#46
1,1'-Biphenyl
Concen: 4.799 ng
RT: 13.245 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:154 Resp: 206296

Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.0	60.0
76	11.8	0.0	30.3

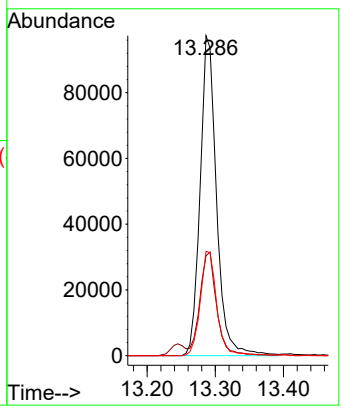




#47
2-Chloronaphthalene
Concen: 4.782 ng
RT: 13.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:162 Resp: 16280

Ion	Ratio	Lower	Upper
162	100		
127	31.2	25.9	38.9
164	32.6	26.6	40.0



Instrument :
BNA_M
ClientSampleId :
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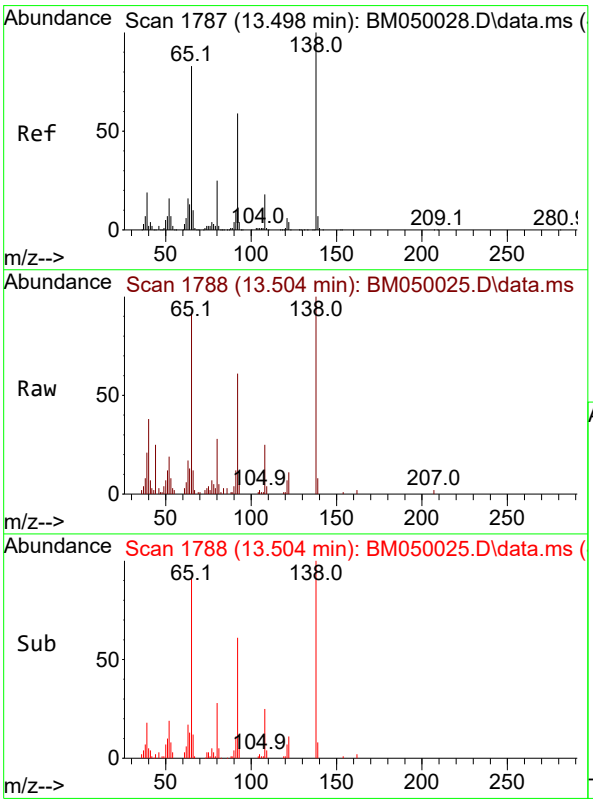
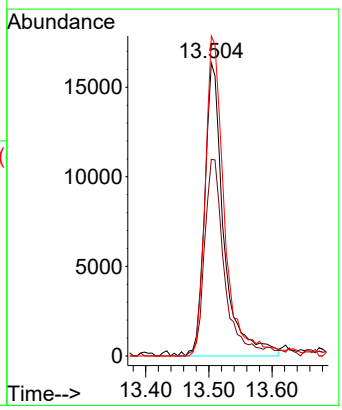
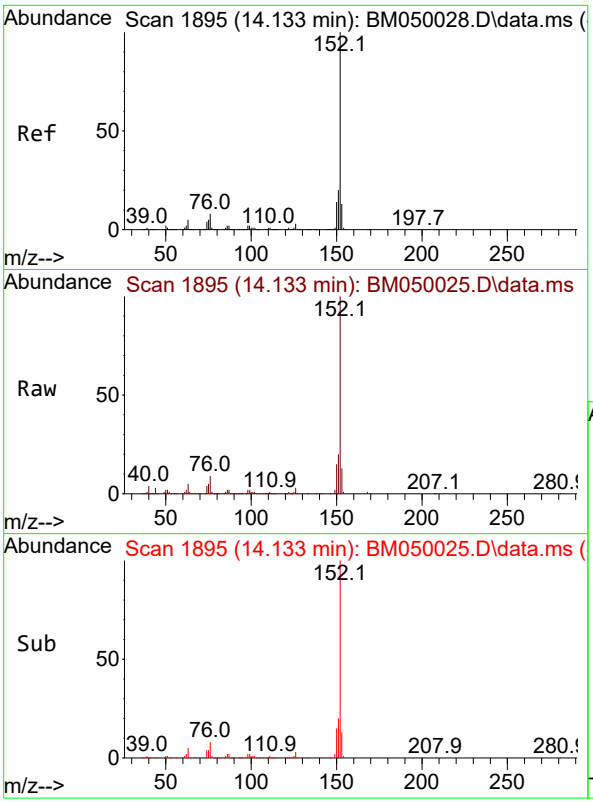


#48
2-Nitroaniline
Concen: 4.299 ng
RT: 13.504 min Scan# 1788
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 65 Resp: 34348

Ion	Ratio	Lower	Upper
65	100		
92	67.1	57.1	85.7
138	109.2	97.0	145.4

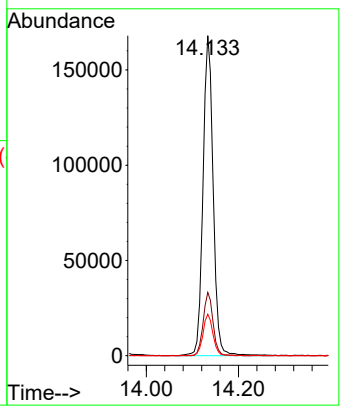




#49
Acenaphthylene
Concen: 4.832 ng
RT: 14.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:152 Resp: 25940

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	12.9	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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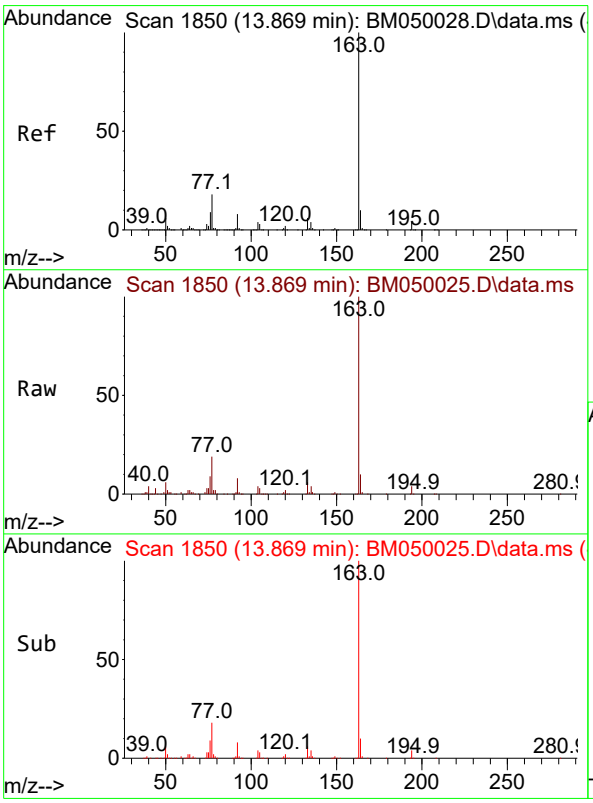
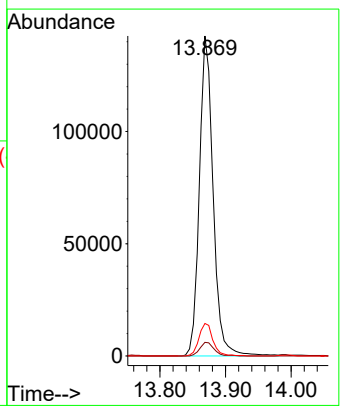
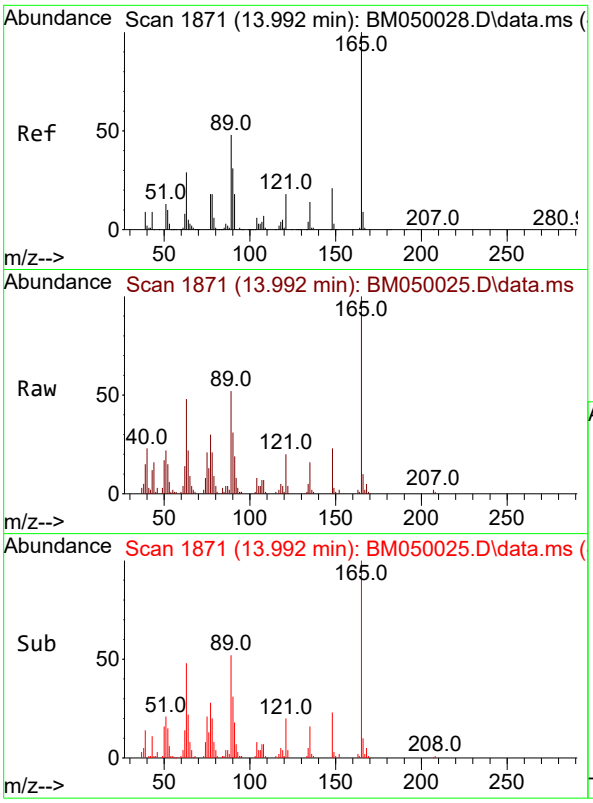


#50
Dimethylphthalate
Concen: 4.941 ng
RT: 13.869 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:163 Resp: 208800

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.2	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 4.395 ng
RT: 13.992 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:165 Resp: 3845

Ion	Ratio	Lower	Upper
165	100		
63	48.5	35.1	52.7
89	51.9	38.4	57.6

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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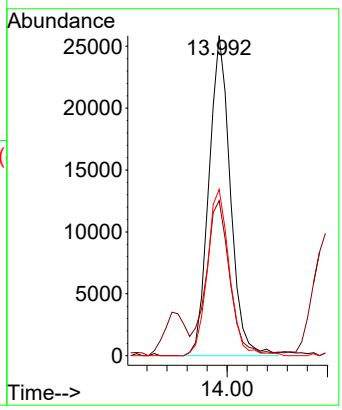
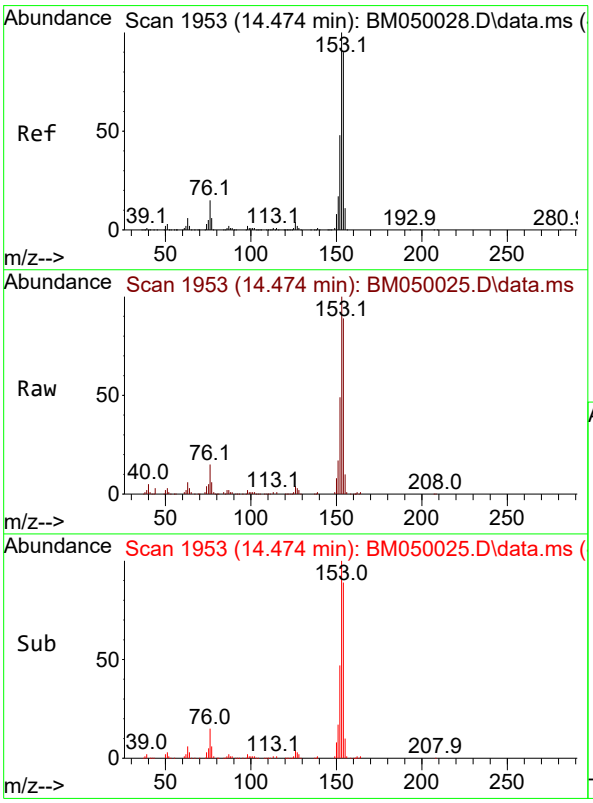
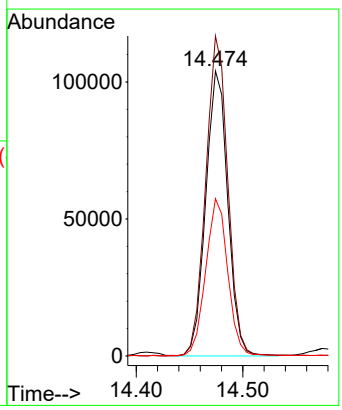


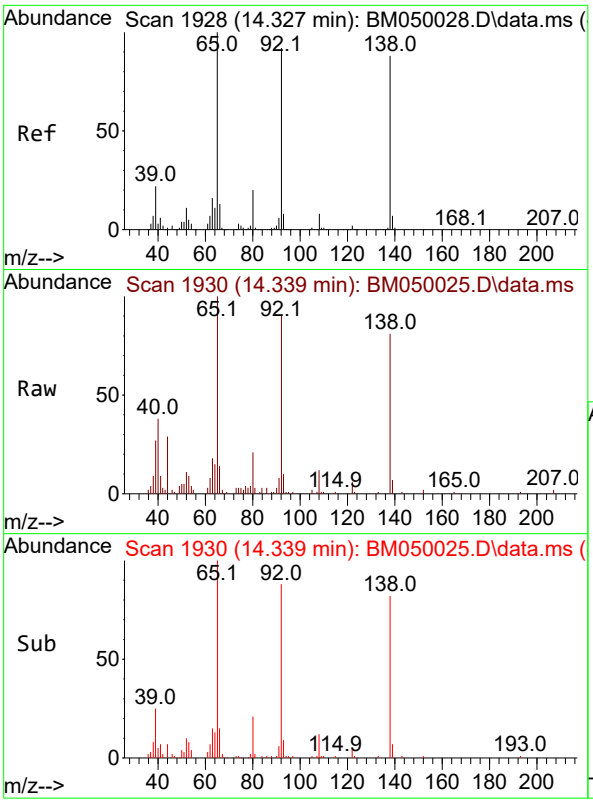


#52
Acenaphthene
Concen: 4.829 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:154 Resp: 150042

Ion	Ratio	Lower	Upper
154	100		
153	112.3	89.0	133.4
152	55.2	43.0	64.6





#53
3-Nitroaniline
Concen: 4.036 ng
RT: 14.339 min Scan# 1
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:138 Resp: 3371

Ion	Ratio	Lower	Upper
138	100		
108	15.1	7.4	11.2
92	110.8	84.0	126.0

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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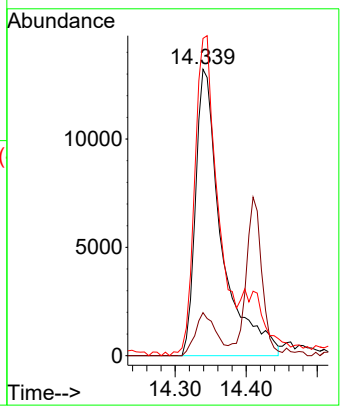
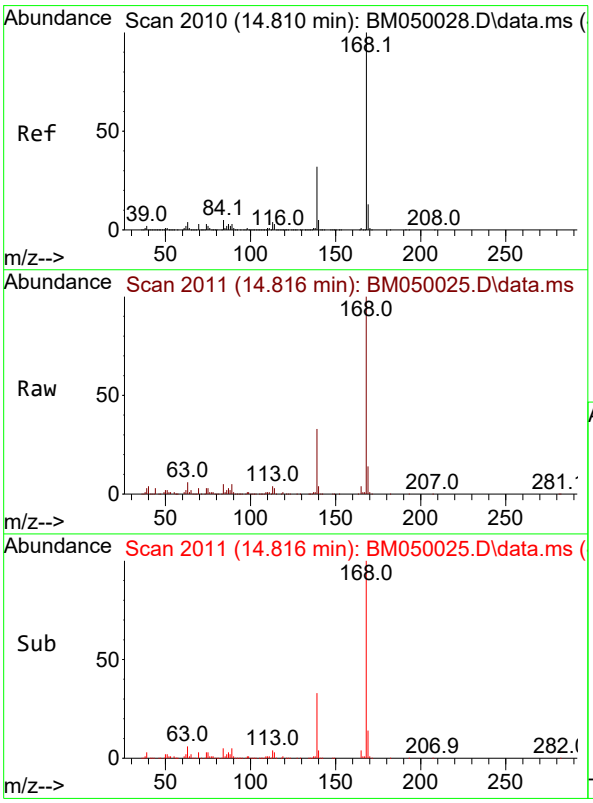
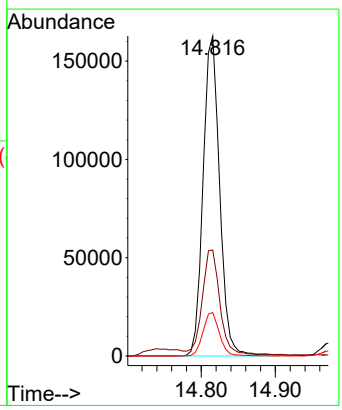


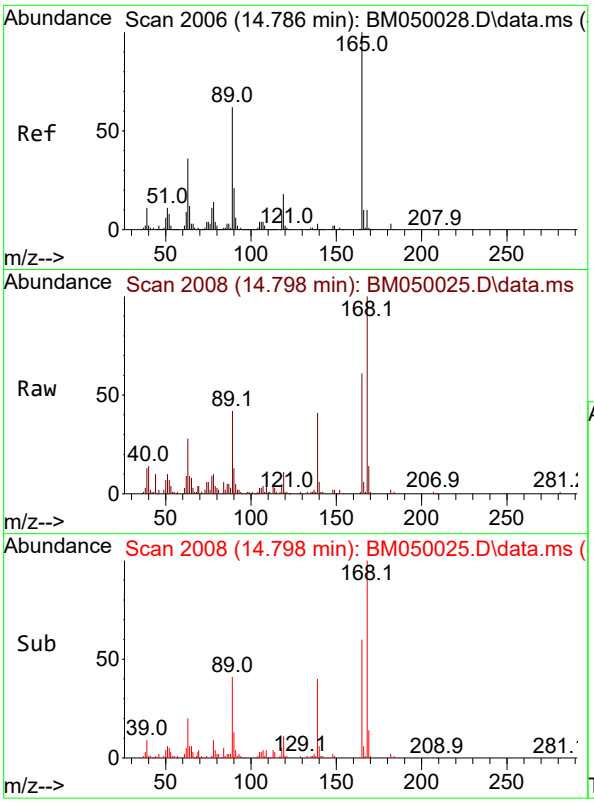


#55
Dibenzofuran
Concen: 4.892 ng
RT: 14.816 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:168 Resp: 252898

Ion	Ratio	Lower	Upper
168	100		
139	33.1	26.1	39.1
169	13.5	10.8	16.2

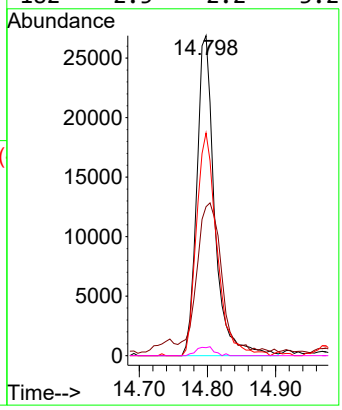




#57
2,4-Dinitrotoluene
Concen: 4.044 ng
RT: 14.798 min Scan# 2
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:165 Resp: 4890

Ion	Ratio	Lower	Upper
165	100		
63	46.6	29.0	43.6
89	69.6	49.4	74.2
182	2.5	2.2	3.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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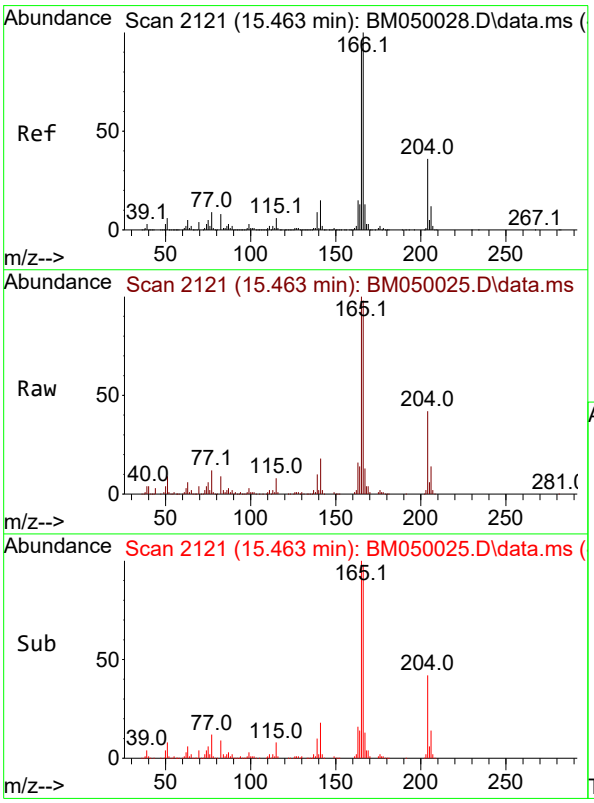
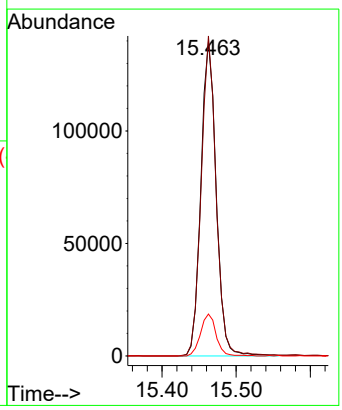
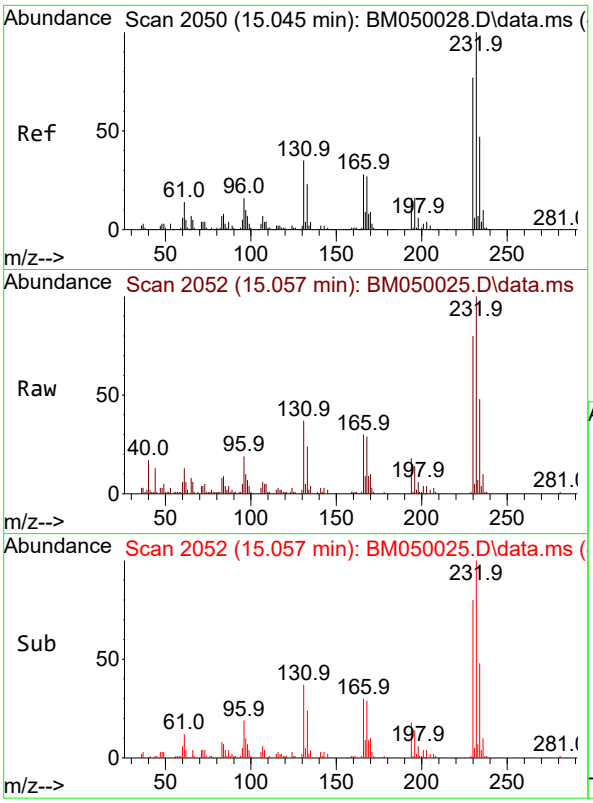


#58
Fluorene
Concen: 4.739 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:166 Resp: 200542

Ion	Ratio	Lower	Upper
166	100		
165	101.8	76.6	115.0
167	13.4	10.6	16.0

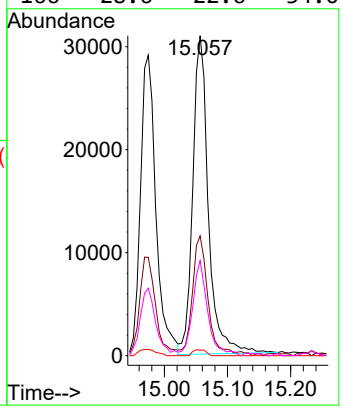




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.463 ng
RT: 15.057 min Scan# 2(
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:232 Resp: 5289

Ion	Ratio	Lower	Upper
232	100		
131	38.0	28.2	42.4
130	1.6	1.5	2.3
166	28.6	22.6	34.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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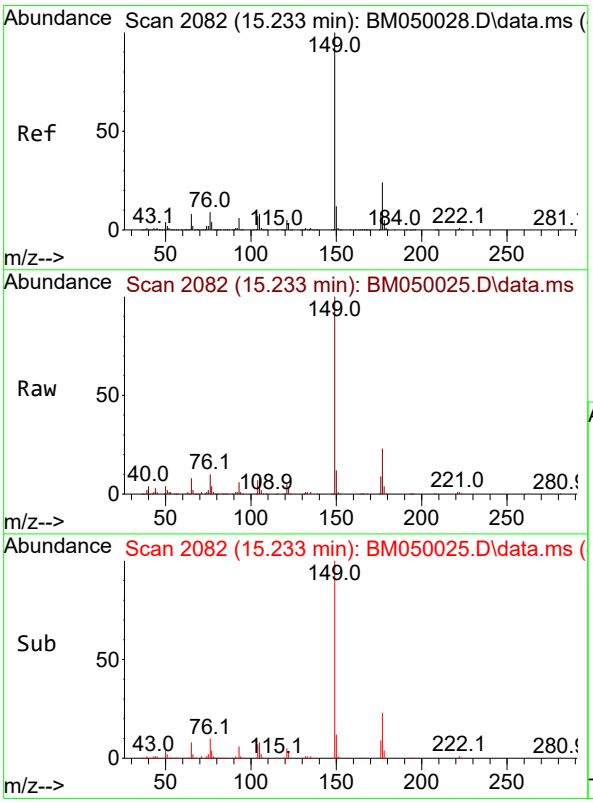
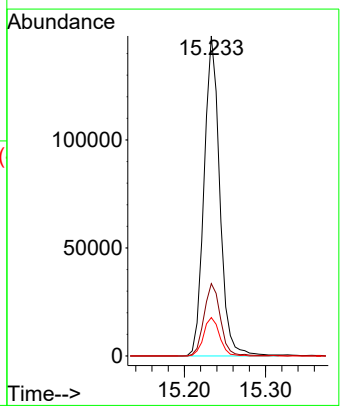
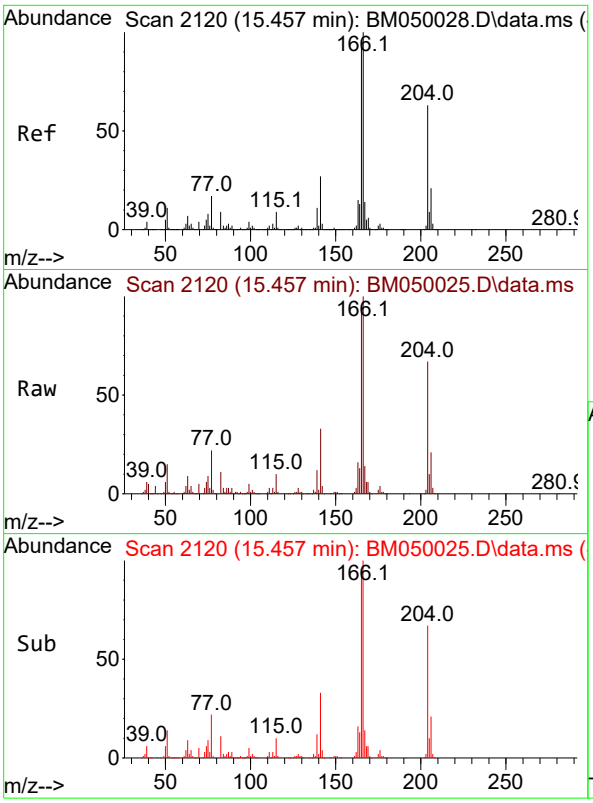


#60
Diethylphthalate
Concen: 4.981 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:149 Resp: 198362

Ion	Ratio	Lower	Upper
149	100		
177	22.6	19.1	28.7
150	12.0	9.6	14.4





#61
4-Chlorophenyl-phenylether
Concen: 4.607 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:204 Resp: 10708

Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.3	39.5
141	48.5	34.0	51.0

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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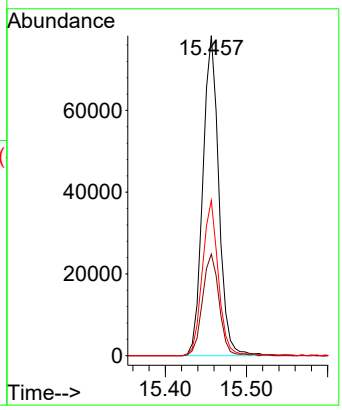
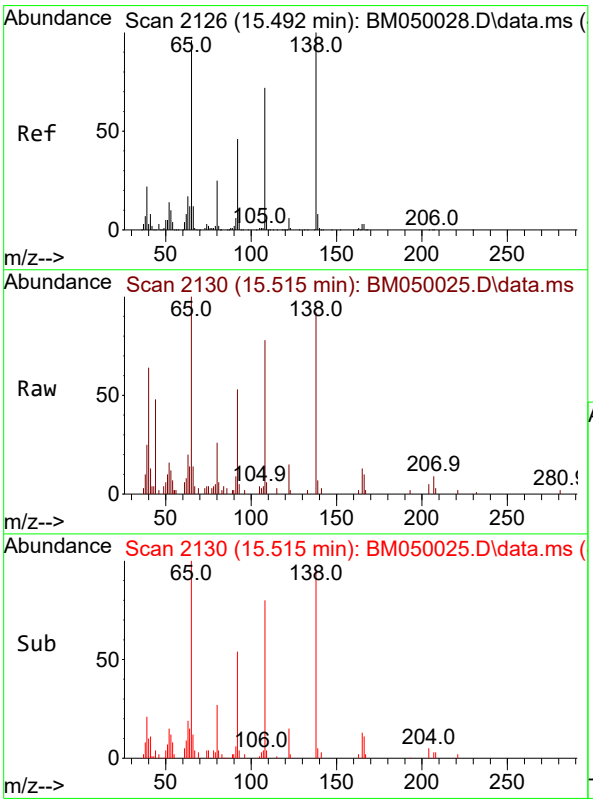
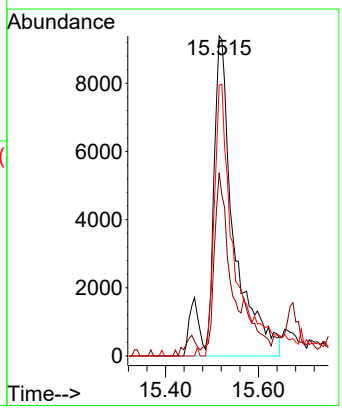


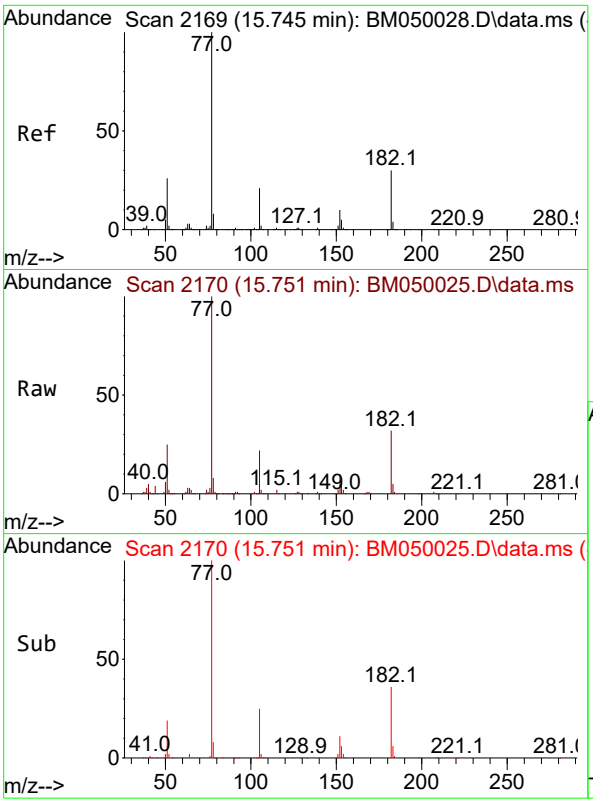


#62
4-Nitroaniline
Concen: 3.737 ng m
RT: 15.515 min Scan# 2130
Delta R.T. 0.023 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:138 Resp: 30138

Ion	Ratio	Lower	Upper
138	100		
92	57.3	25.9	65.9
108	84.6	52.4	92.4

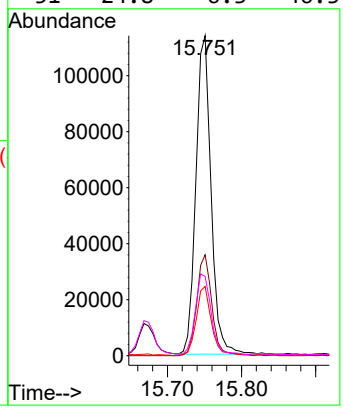




#63
Azobenzene
Concen: 4.844 ng
RT: 15.751 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 77 Resp: 16166

Ion	Ratio	Lower	Upper
77	100		
182	31.6	10.5	50.5
105	21.7	1.1	41.1
51	24.8	6.3	46.3



Instrument :
BNA_M
ClientSampleId :
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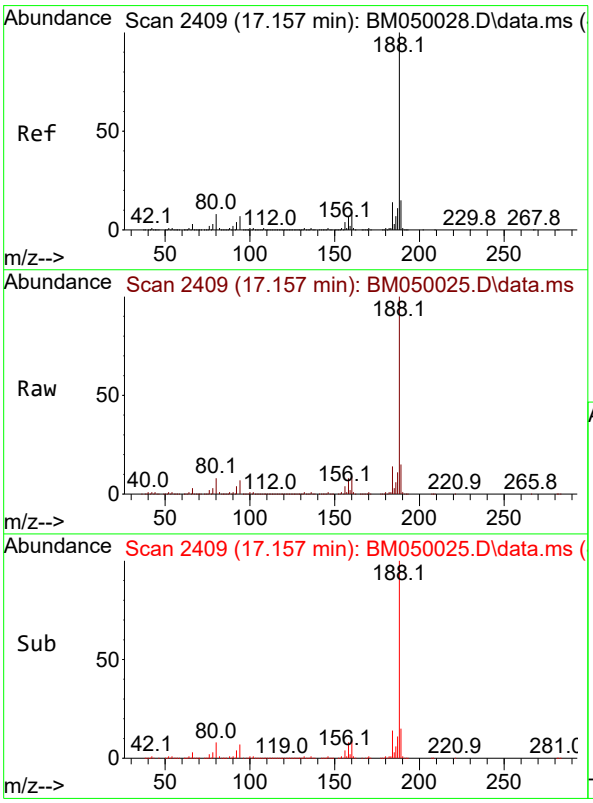
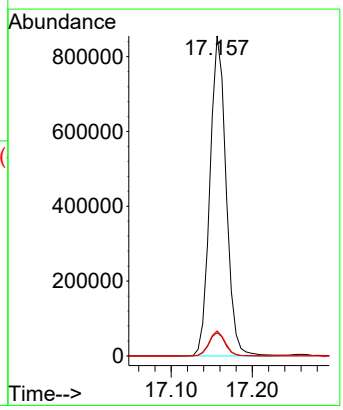
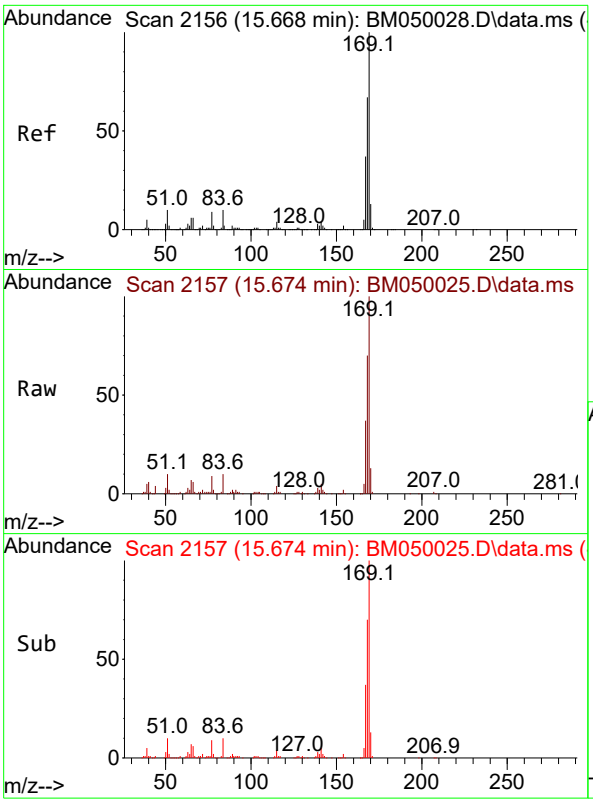


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:188 Resp: 1183325

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.7	8.5
80	7.9	6.2	9.4

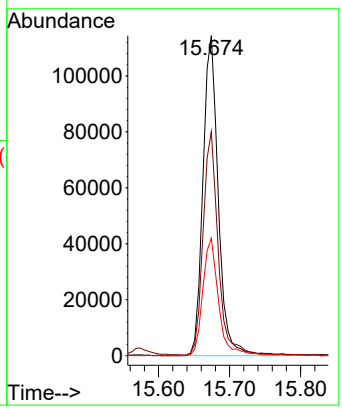




#66
n-Nitrosodiphenylamine
Concen: 4.723 ng
RT: 15.674 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:169 Resp: 17160

Ion	Ratio	Lower	Upper
169	100		
168	70.0	53.4	80.2
167	36.7	29.4	44.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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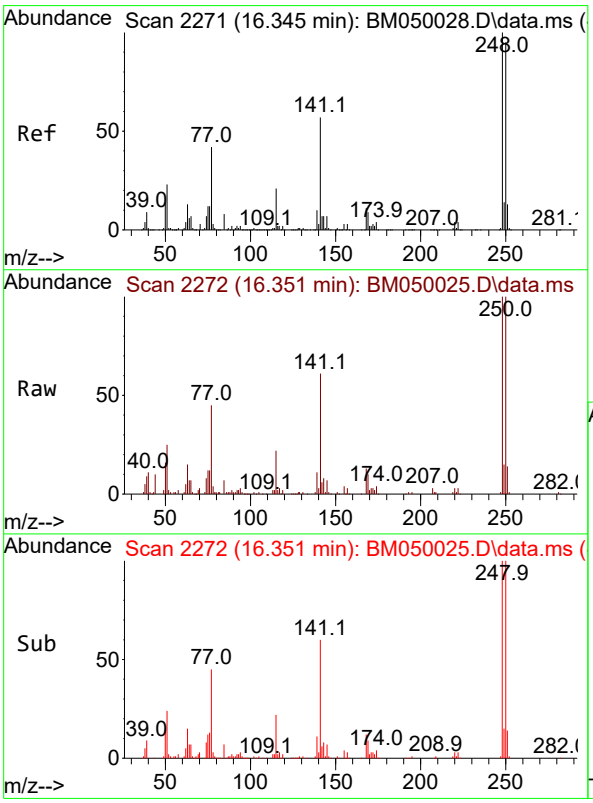
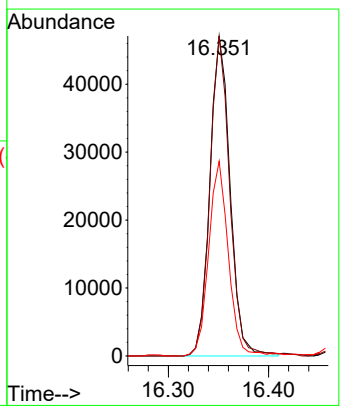
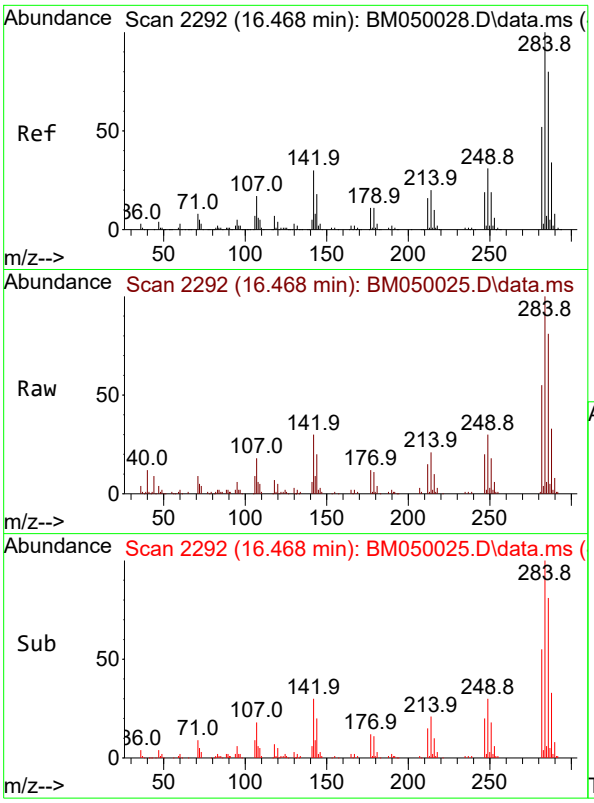


#67
4-Bromophenyl-phenylether
Concen: 4.612 ng
RT: 16.351 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:248 Resp: 66000

Ion	Ratio	Lower	Upper
248	100		
250	99.9	76.2	114.2
141	60.8	45.9	68.9





#68
Hexachlorobenzene
Concen: 4.759 ng
RT: 16.468 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:284 Resp: 7850

Ion	Ratio	Lower	Upper
284	100		
142	30.1	23.9	35.9
249	29.9	24.5	36.7

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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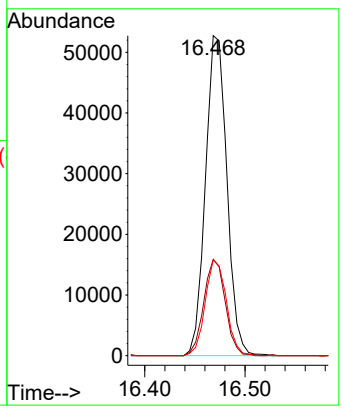
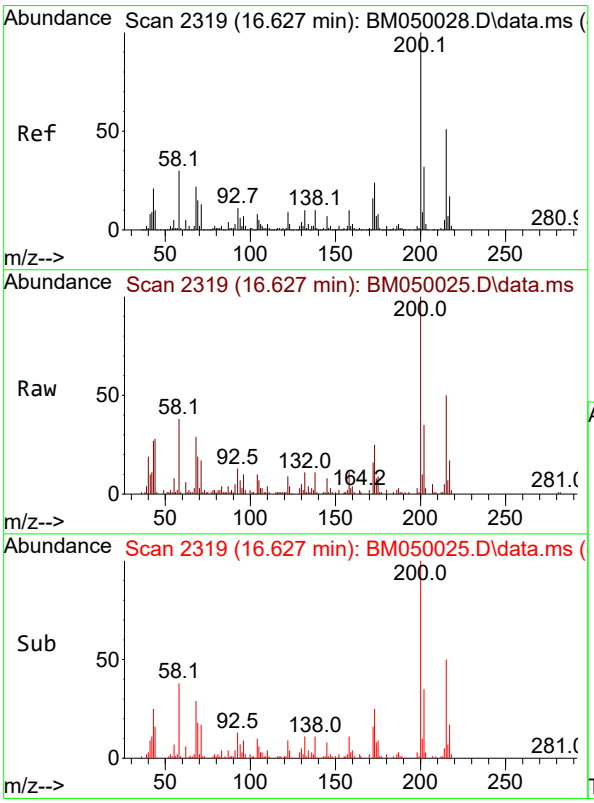
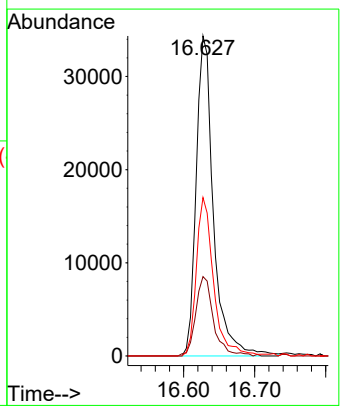


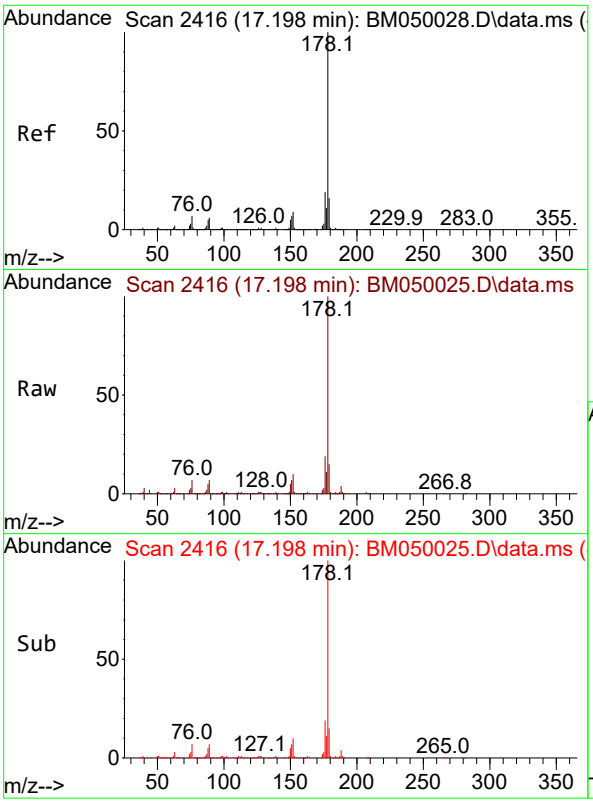


#69
Atrazine
Concen: 4.433 ng
RT: 16.627 min Scan# 2319
Delta R.T. 0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:200 Resp: 58110

Ion	Ratio	Lower	Upper
200	100		
173	24.8	4.3	44.3
215	49.5	30.6	70.6

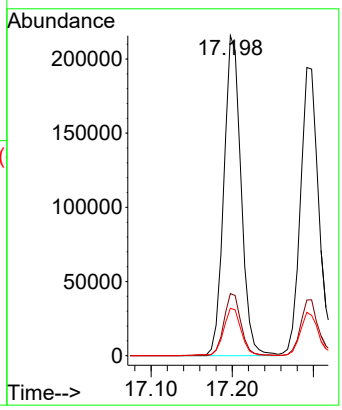




#71
Phenanthrene
Concen: 4.764 ng
RT: 17.198 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:178 Resp: 31795

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	14.8	12.4	18.6



Instrument :
BNA_M
ClientSampleId :
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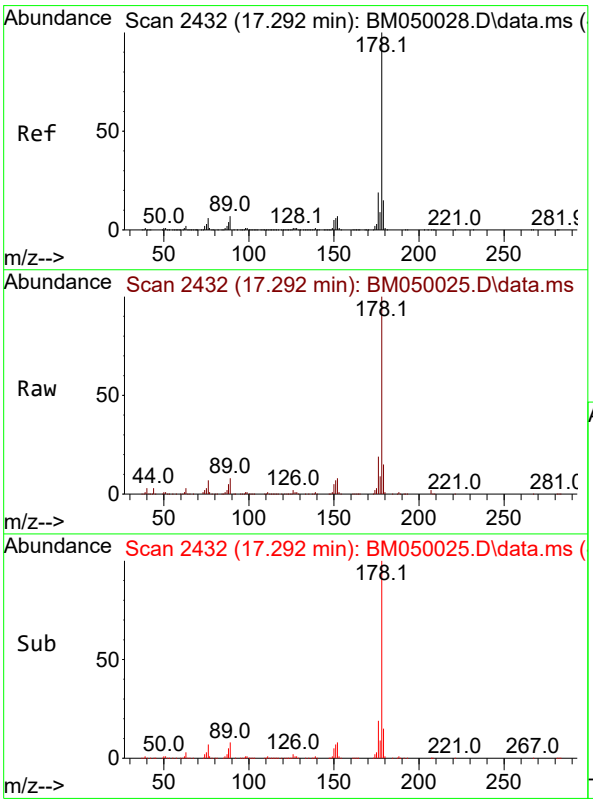
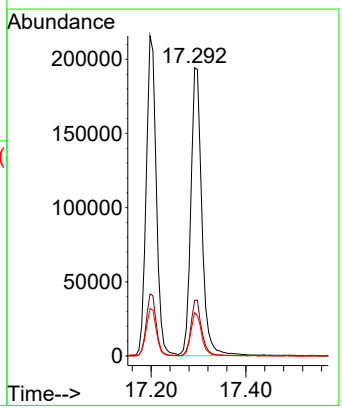
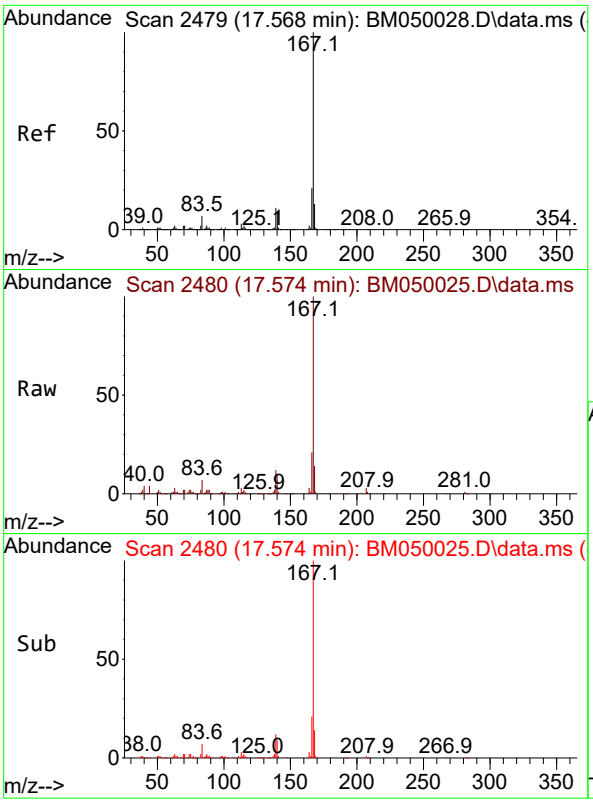


#72
Anthracene
Concen: 4.651 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:178 Resp: 314149

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	15.0	12.2	18.4





#73
Carbazole
Concen: 4.586 ng
RT: 17.574 min Scan# 24
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:167 Resp: 26877

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.2	25.8
139	11.7	9.0	13.6

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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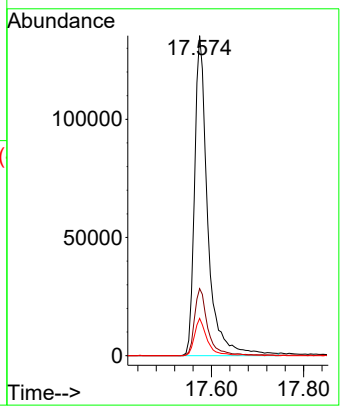
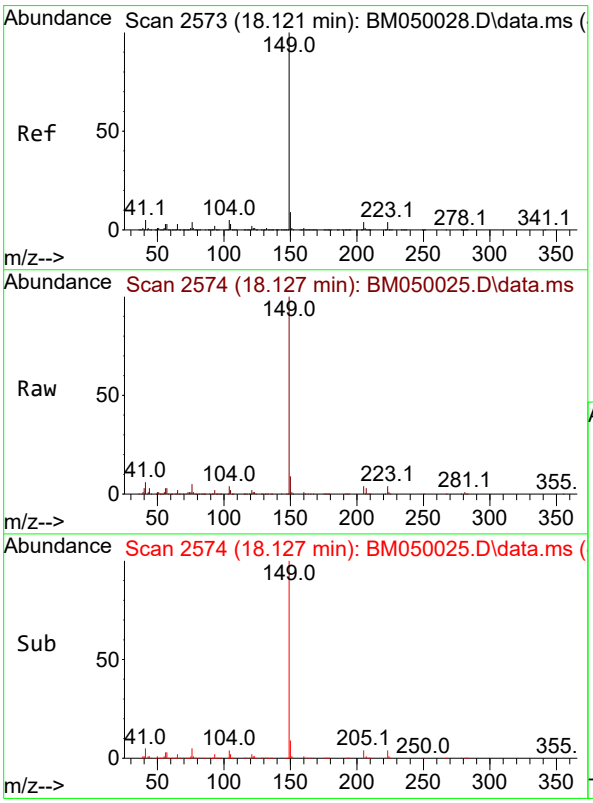
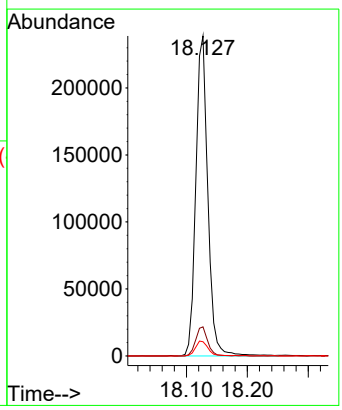


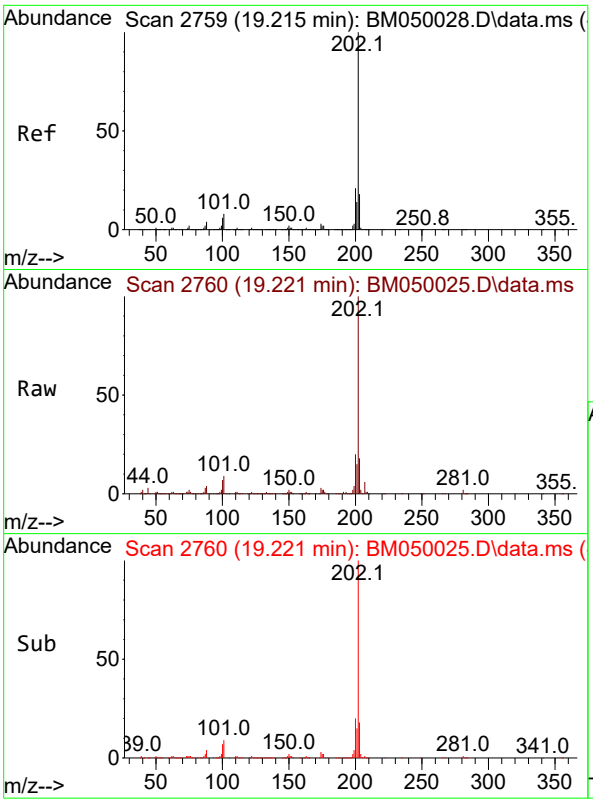


#74
Di-n-butylphthalate
Concen: 4.688 ng
RT: 18.127 min Scan# 2574
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:149 Resp: 327178

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.4	3.8	5.6





#75
Fluoranthene
Concen: 4.449 ng
RT: 19.221 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:202 Resp: 34859

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	28.0
203	17.6	0.0	37.7

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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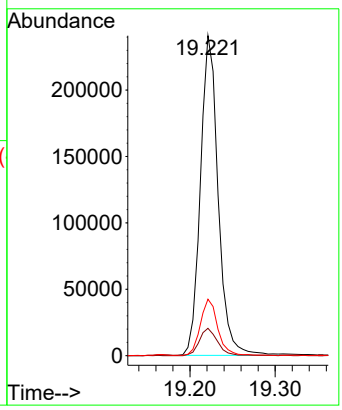
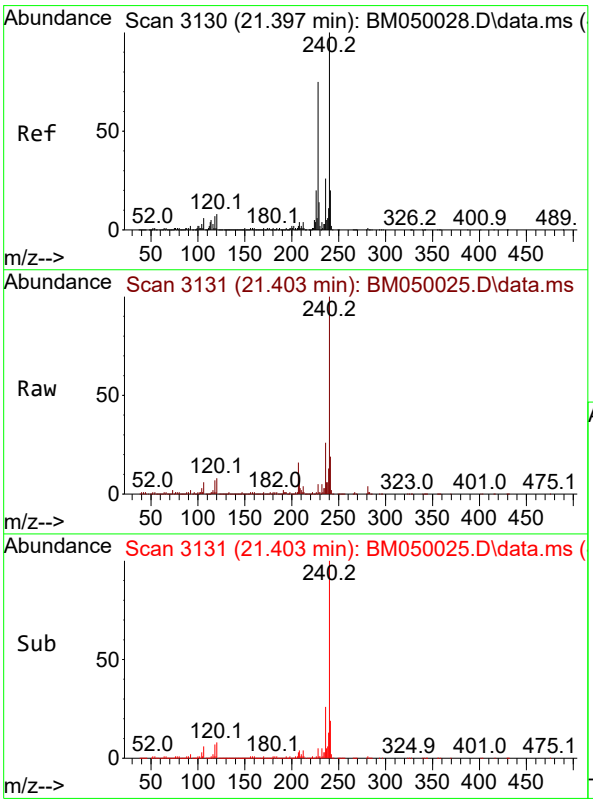
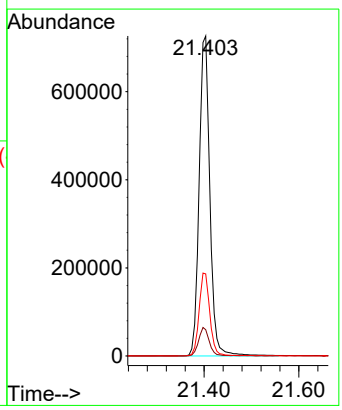


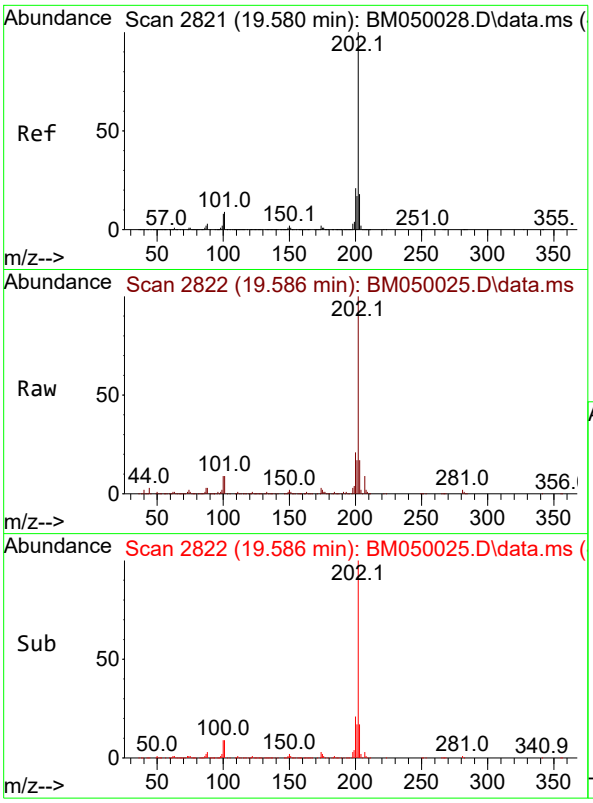


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:240 Resp: 1136162

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.5	9.7
236	25.6	20.9	31.3

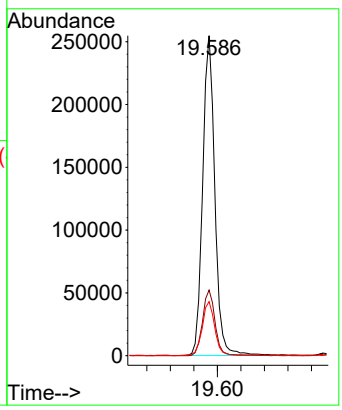




#78
Pyrene
Concen: 4.593 ng
RT: 19.586 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:202 Resp: 36647

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.7	25.1
203	16.9	14.1	21.1



Instrument :
BNA_M
ClientSampleId :
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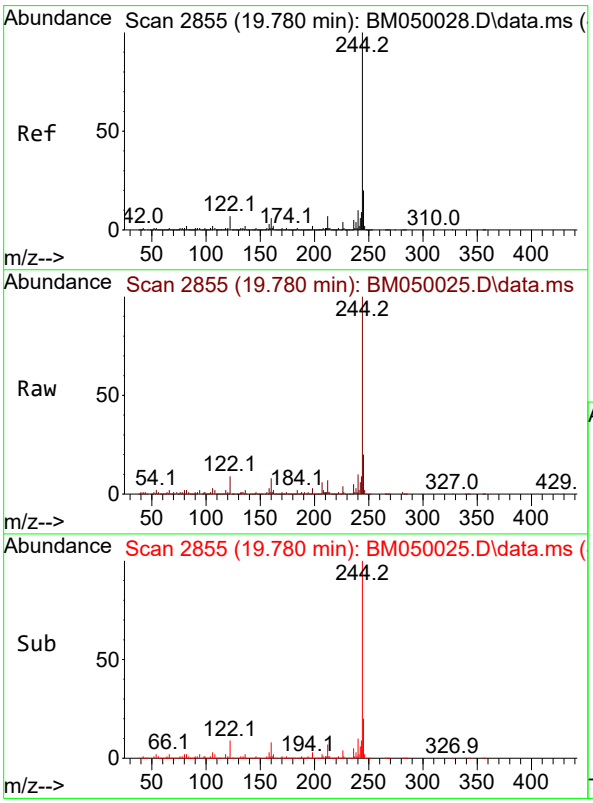
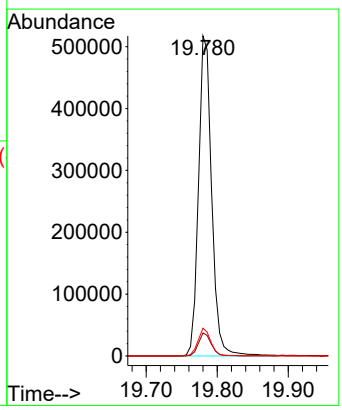
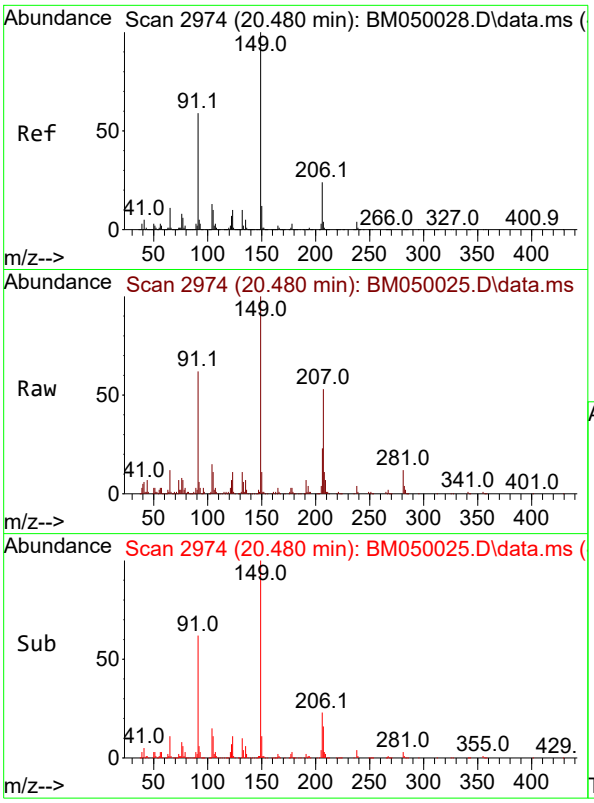


#79
Terphenyl-d14
Concen: 8.704 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:244 Resp: 668289

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	8.7	5.6	8.4#

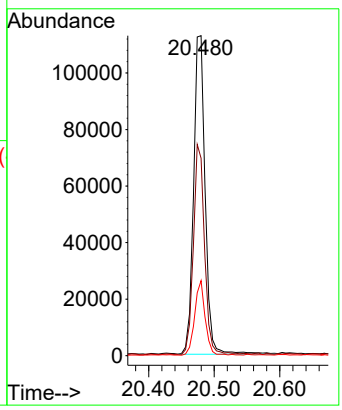




#80
Butylbenzylphthalate
Concen: 4.646 ng
RT: 20.480 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:149 Resp: 13882

Ion	Ratio	Lower	Upper
149	100		
91	61.7	47.4	71.2
206	23.4	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
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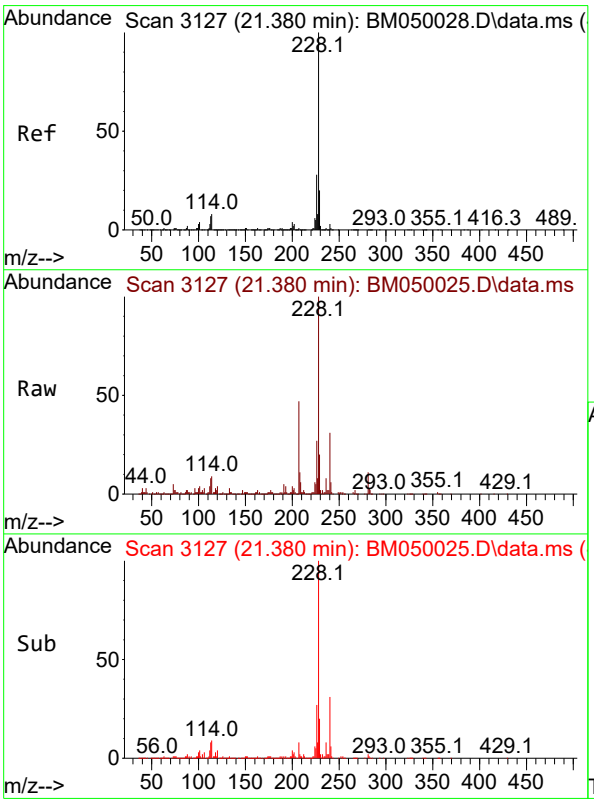
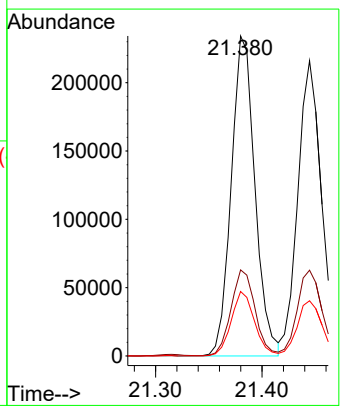
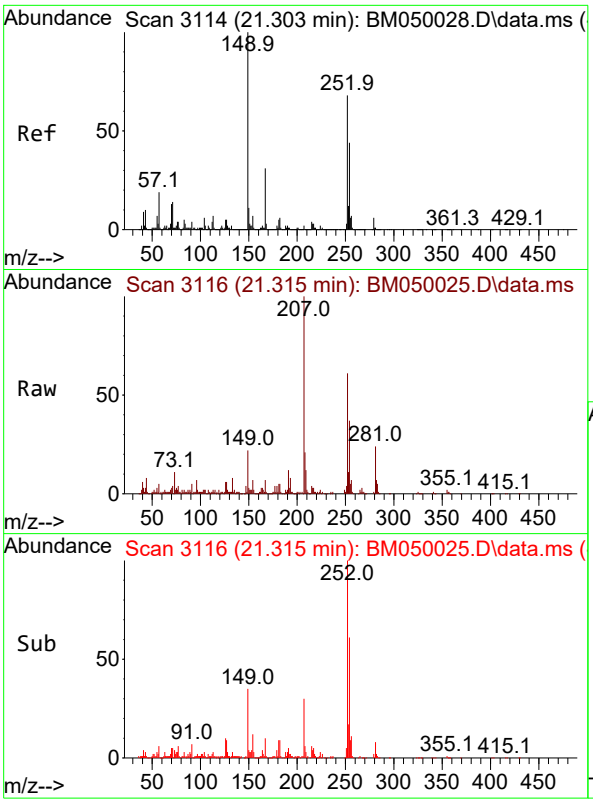


#81
Benzo(a)anthracene
Concen: 4.648 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:228 Resp: 363641

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.1	33.1
229	20.1	15.7	23.5





#82
3,3'-Dichlorobenzidine
Concen: 4.119 ng
RT: 21.315 min Scan# 3
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:252 Resp: 12337

Ion	Ratio	Lower	Upper
252	100		
254	61.0	51.8	77.6
126	9.9	6.0	9.0

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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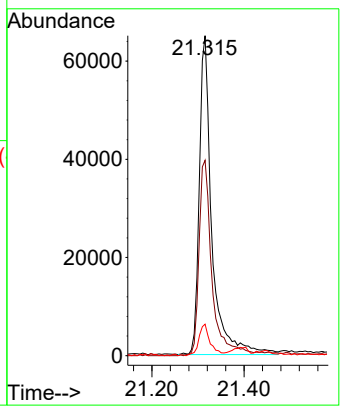
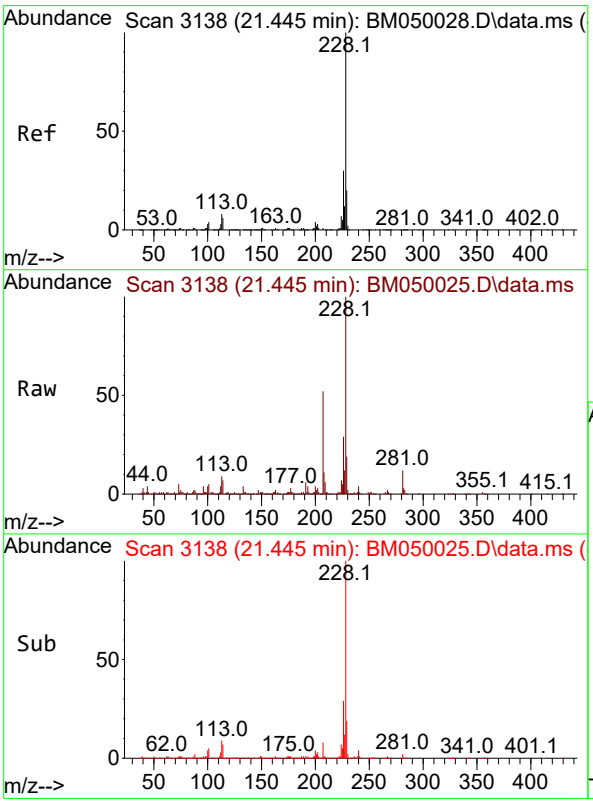
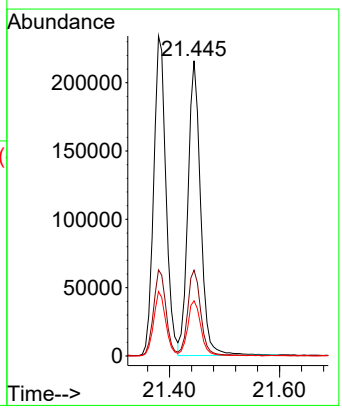


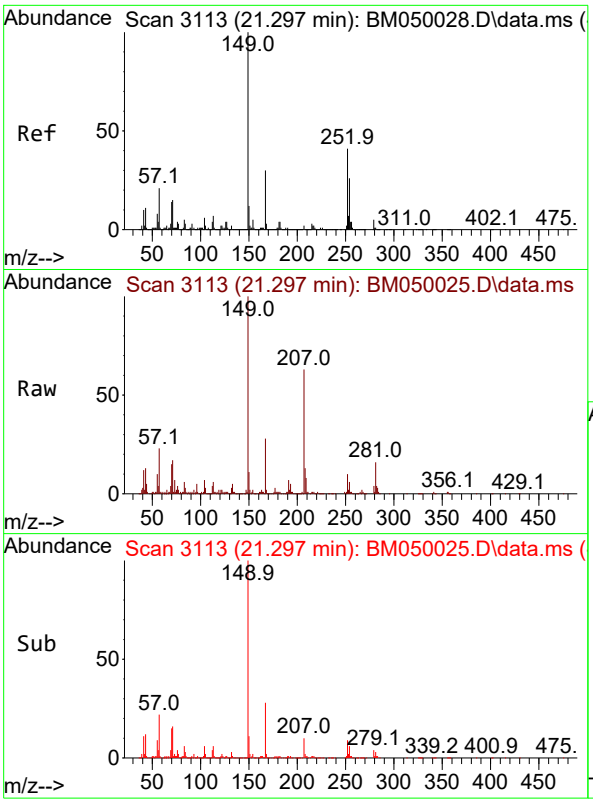


#83
Chrysene
Concen: 4.738 ng
RT: 21.445 min Scan# 3138
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:228 Resp: 343085

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.2	36.2
229	18.7	15.7	23.5





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.620 ng
RT: 21.297 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:149 Resp: 20623

Ion	Ratio	Lower	Upper
149	100		
167	28.0	24.1	36.1
279	4.1	3.9	5.9

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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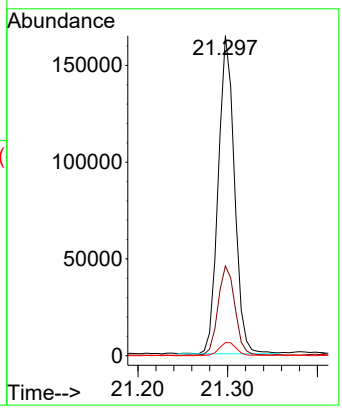
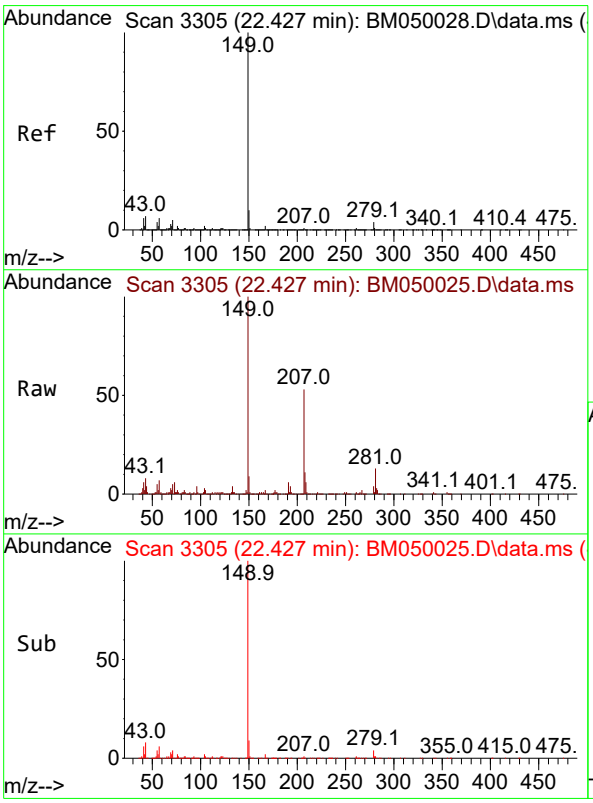
Supervised By :Jagrut Upadhyay 04/29/2025

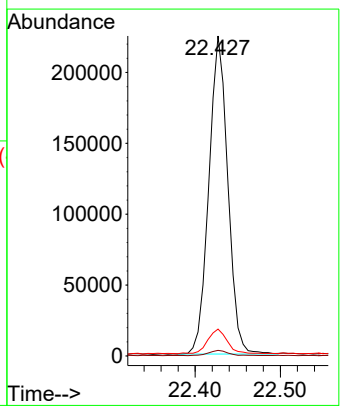


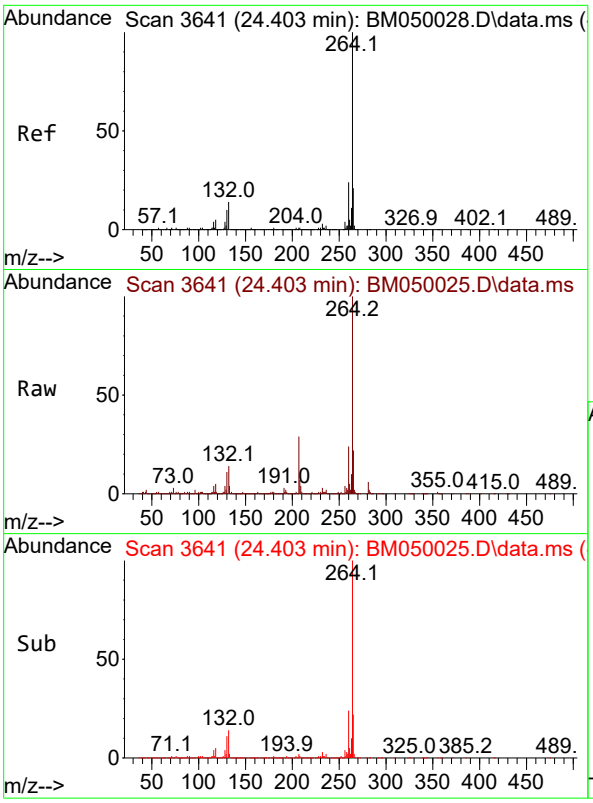


#85
Di-n-octyl phthalate
Concen: 4.711 ng
RT: 22.427 min Scan# 3305
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:149 Resp: 346799

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	8.0	5.8	8.8

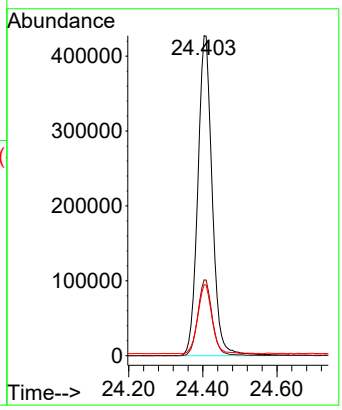




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:264 Resp: 114991

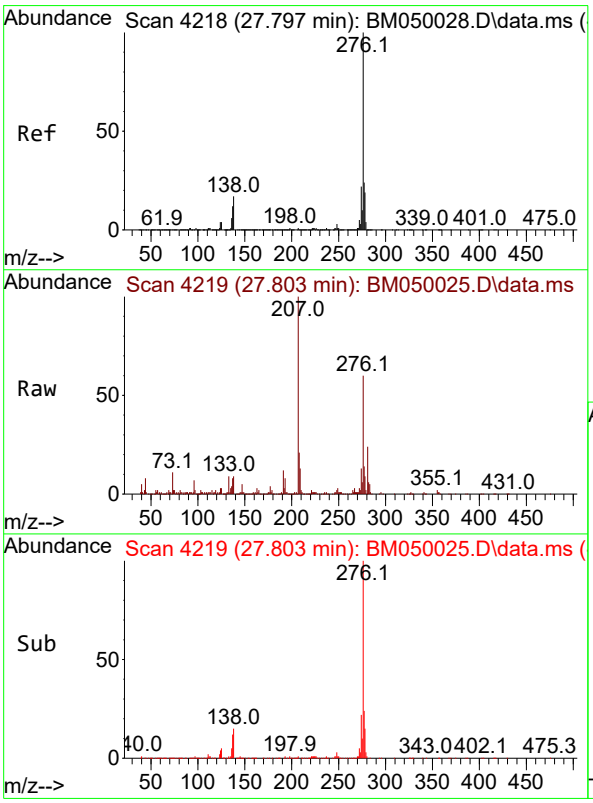
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	22.2	17.0	25.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

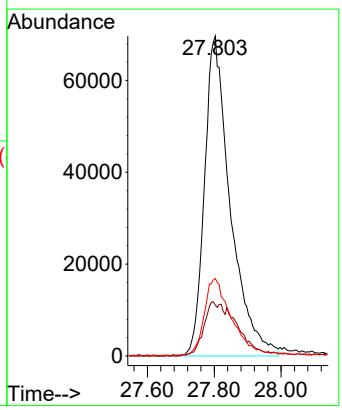
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

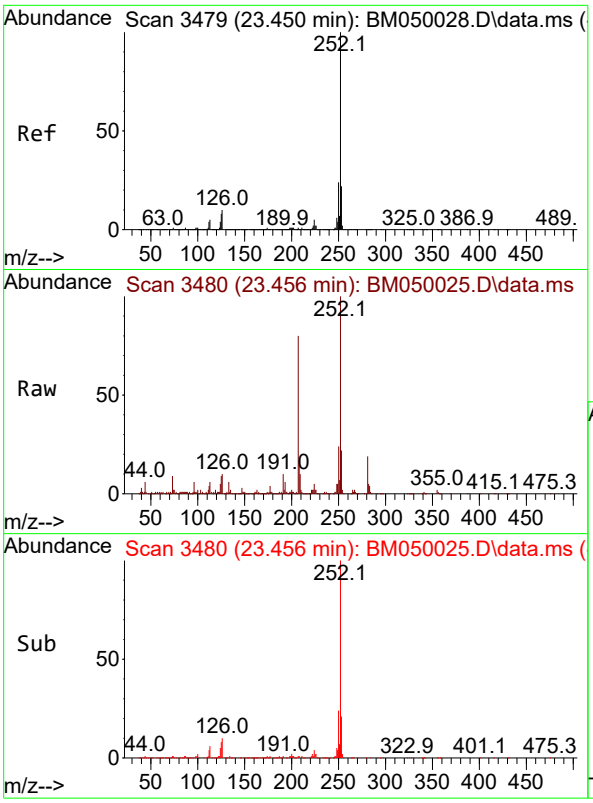


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.364 ng
RT: 27.803 min Scan# 4219
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:276 Resp: 373944

Ion	Ratio	Lower	Upper
276	100		
138	8.9	16.4	24.6#
277	25.9	19.8	29.8





#88
Benzo(b)fluoranthene
Concen: 4.338 ng
RT: 23.456 min Scan# 34
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

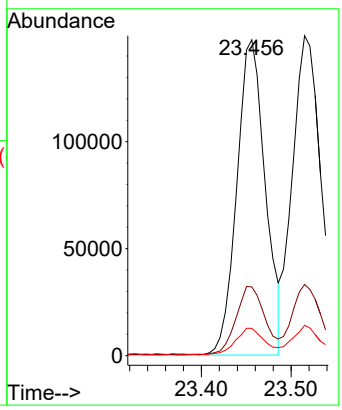
Tgt Ion:252 Resp: 32439

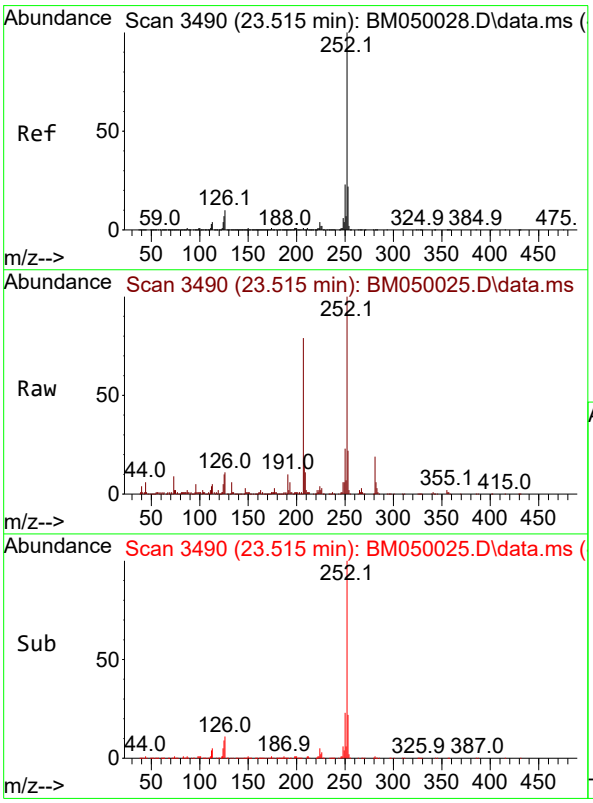
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	8.7	6.1	9.1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

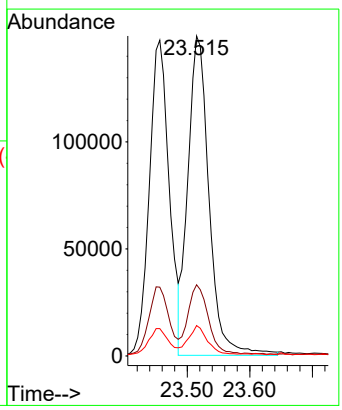


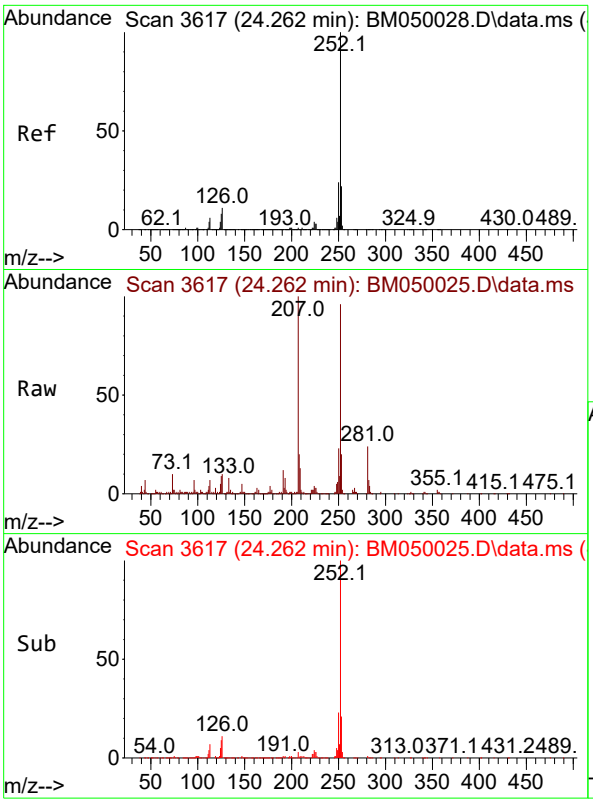


#89
Benzo(k)fluoranthene
Concen: 4.631 ng m
RT: 23.515 min Scan# 3490
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:252 Resp: 350374

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	9.5	5.8	8.8#

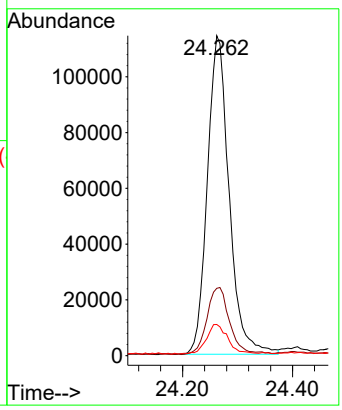




#90
Benzo(a)pyrene
Concen: 4.492 ng
RT: 24.262 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:252 Resp: 31460

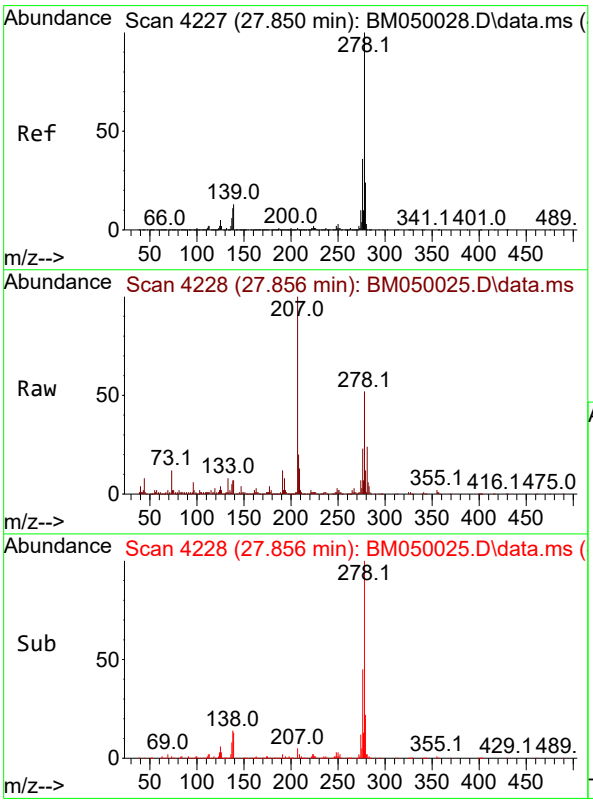
Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.4	26.0
125	9.7	6.6	9.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

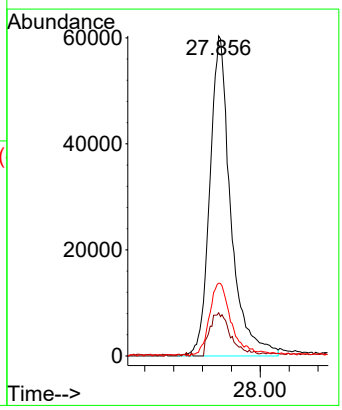
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

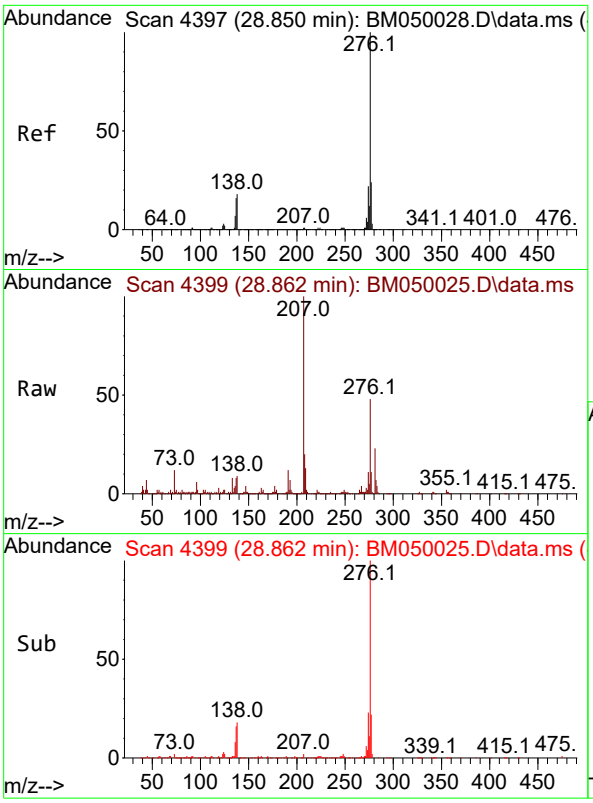


#91
Dibenzo(a,h)anthracene
Concen: 4.346 ng
RT: 27.856 min Scan# 4228
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:278 Resp: 303557

Ion	Ratio	Lower	Upper
278	100		
139	13.5	10.5	15.7
279	22.8	19.4	29.0

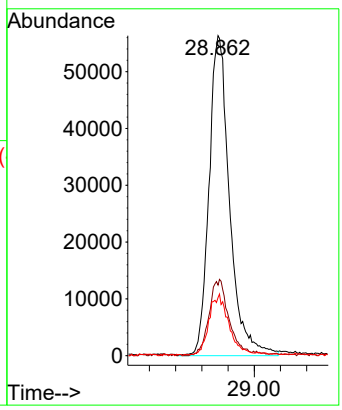




#92
Benzo(g,h,i)perylene
Concen: 4.585 ng
RT: 28.862 min Scan# 4
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:276 Resp: 30657

Ion	Ratio	Lower	Upper
276	100		
277	22.1	19.1	28.7
138	18.1	14.3	21.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050026.D
Acq On : 28 Apr 2025 13:48
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:54:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	250110	20.000	ng		0.00
21) Naphthalene-d8	10.563	136	926512	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	636652	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	1274608	20.000	ng		0.00
76) Chrysene-d12	21.397	240	1213581	20.000	ng		0.00
86) Perylene-d12	24.403	264	1224339	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	269870	18.894	ng		0.00
7) Phenol-d6	6.957	99	329701	18.366	ng		0.00
23) Nitrobenzene-d5	8.928	82	346334	18.420	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	158339	16.820	ng		0.00
45) 2-Fluorobiphenyl	13.027	172	989917	18.394	ng		0.00
79) Terphenyl-d14	19.780	244	1443528	17.601	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	58048	9.478	ng		98
3) Pyridine	3.663	79	145801	9.266	ng		98
4) n-Nitrosodimethylamine	3.569	42	57404	9.302	ng	#	93
6) Aniline	7.098	93	211256	9.319	ng		100
8) 2-Chlorophenol	7.339	128	145228	9.404	ng		99
9) Benzaldehyde	6.916	77	115030m	9.587	ng		
10) Phenol	6.981	94	168041	9.246	ng		99
11) bis(2-Chloroethyl)ether	7.192	93	138197	9.107	ng		100
12) 1,3-Dichlorobenzene	7.657	146	178565	9.572	ng		96
13) 1,4-Dichlorobenzene	7.804	146	177312	9.461	ng		99
14) 1,2-Dichlorobenzene	8.122	146	174224	9.624	ng		100
15) Benzyl Alcohol	8.022	79	110234	8.854	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.292	45	177776	9.637	ng		97
17) 2-Methylphenol	8.228	107	111639	9.325	ng		99
18) Hexachloroethane	8.845	117	63487	9.530	ng		98
19) n-Nitroso-di-n-propyla...	8.575	70	110641	9.609	ng		98
20) 3+4-Methylphenols	8.563	107	146303	9.049	ng		99
22) Acetophenone	8.592	105	214790	9.325	ng		98
24) Nitrobenzene	8.969	77	150534	9.259	ng		99
25) Isophorone	9.498	82	300179	9.366	ng		99
26) 2-Nitrophenol	9.686	139	72521	8.732	ng		97
27) 2,4-Dimethylphenol	9.757	122	123406	8.960	ng		97
28) bis(2-Chloroethoxy)met...	9.975	93	184837	9.331	ng		99
29) 2,4-Dichlorophenol	10.245	162	137916	8.938	ng		99
30) 1,2,4-Trichlorobenzene	10.428	180	177721	9.453	ng		97
31) Naphthalene	10.610	128	444206	9.467	ng		99
32) Benzoic acid	9.875	122	63971m	7.282	ng		
33) 4-Chloroaniline	10.739	127	181907	9.458	ng		99
34) Hexachlorobutadiene	10.898	225	111307	9.327	ng		99
35) Caprolactam	11.516	113	39344	8.745	ng		94
36) 4-Chloro-3-methylphenol	11.880	107	131076	9.194	ng		98
37) 2-Methylnaphthalene	12.227	142	296053	9.411	ng		97
38) 1-Methylnaphthalene	12.451	142	312512	9.387	ng		97
40) 1,2,4,5-Tetrachloroben...	12.604	216	197943	8.981	ng		99
41) Hexachlorocyclopentadiene	12.580	237	96522	7.166	ng		99
43) 2,4,6-Trichlorophenol	12.857	196	121240	8.673	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050026.D
Acq On : 28 Apr 2025 13:48
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:54:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	132882	8.815	ng		96
46) 1,1'-Biphenyl	13.245	154	443960	9.381	ng		99
47) 2-Chloronaphthalene	13.286	162	354101	9.447	ng		99
48) 2-Nitroaniline	13.498	65	77101	8.764	ng		94
49) Acenaphthylene	14.133	152	545774	9.235	ng		100
50) Dimethylphthalate	13.868	163	438261	9.419	ng		99
51) 2,6-Dinitrotoluene	13.992	165	86242	8.953	ng		98
52) Acenaphthene	14.474	154	317735	9.288	ng		98
53) 3-Nitroaniline	14.333	138	78720	8.559	ng	#	99
54) 2,4-Dinitrophenol	14.563	184	31979	10.558	ng		96
55) Dibenzofuran	14.810	168	535023	9.401	ng		99
56) 4-Nitrophenol	14.710	139	40722	9.668	ng		96
57) 2,4-Dinitrotoluene	14.792	165	116476	8.750	ng		95
58) Fluorene	15.462	166	427384	9.174	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.051	232	115185	8.828	ng		98
60) Diethylphthalate	15.233	149	414149	9.447	ng		100
61) 4-Chlorophenyl-phenyle...	15.457	204	227926	8.908	ng		94
62) 4-Nitroaniline	15.498	138	74565m	8.397	ng		
63) Azobenzene	15.745	77	347347	9.454	ng		99
65) 4,6-Dinitro-2-methylph...	15.562	198	56182	7.042	ng		93
66) n-Nitrosodiphenylamine	15.668	169	364601	9.315	ng		99
67) 4-Bromophenyl-phenylether	16.351	248	137532	8.923	ng		99
68) Hexachlorobenzene	16.468	284	160195	9.016	ng		99
69) Atrazine	16.621	200	126168	8.937	ng		98
70) Pentachlorophenol	16.827	266	74839	7.483	ng		95
71) Phenanthrene	17.198	178	659374	9.172	ng		100
72) Anthracene	17.292	178	661260	9.089	ng		99
73) Carbazole	17.568	167	573667	9.087	ng		99
74) Di-n-butylphthalate	18.121	149	689248	9.168	ng		99
75) Fluoranthene	19.221	202	727607	8.621	ng		99
77) Benzidine	19.415	184	339970	7.887	ng		99
78) Pyrene	19.586	202	761625	8.937	ng		99
80) Butylbenzylphthalate	20.474	149	290617	9.105	ng		93
81) Benzo(a)anthracene	21.380	228	747128	8.940	ng		100
82) 3,3'-Dichlorobenzidine	21.309	252	262017	8.190	ng		100
83) Chrysene	21.444	228	709862	9.178	ng		99
84) Bis(2-ethylhexyl)phtha...	21.297	149	439949	9.228	ng		98
85) Di-n-octyl phthalate	22.427	149	726208	9.236	ng		99
87) Indeno(1,2,3-cd)pyrene	27.791	276	791344	8.674	ng		99
88) Benzo(b)fluoranthene	23.450	252	703118	8.831	ng		98
89) Benzo(k)fluoranthene	23.515	252	704142	8.741	ng		99
90) Benzo(a)pyrene	24.262	252	652617	8.751	ng		99
91) Dibenzo(a,h)anthracene	27.844	278	638913	8.591	ng		98
92) Benzo(g,h,i)perylene	28.850	276	630261	8.852	ng		99

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

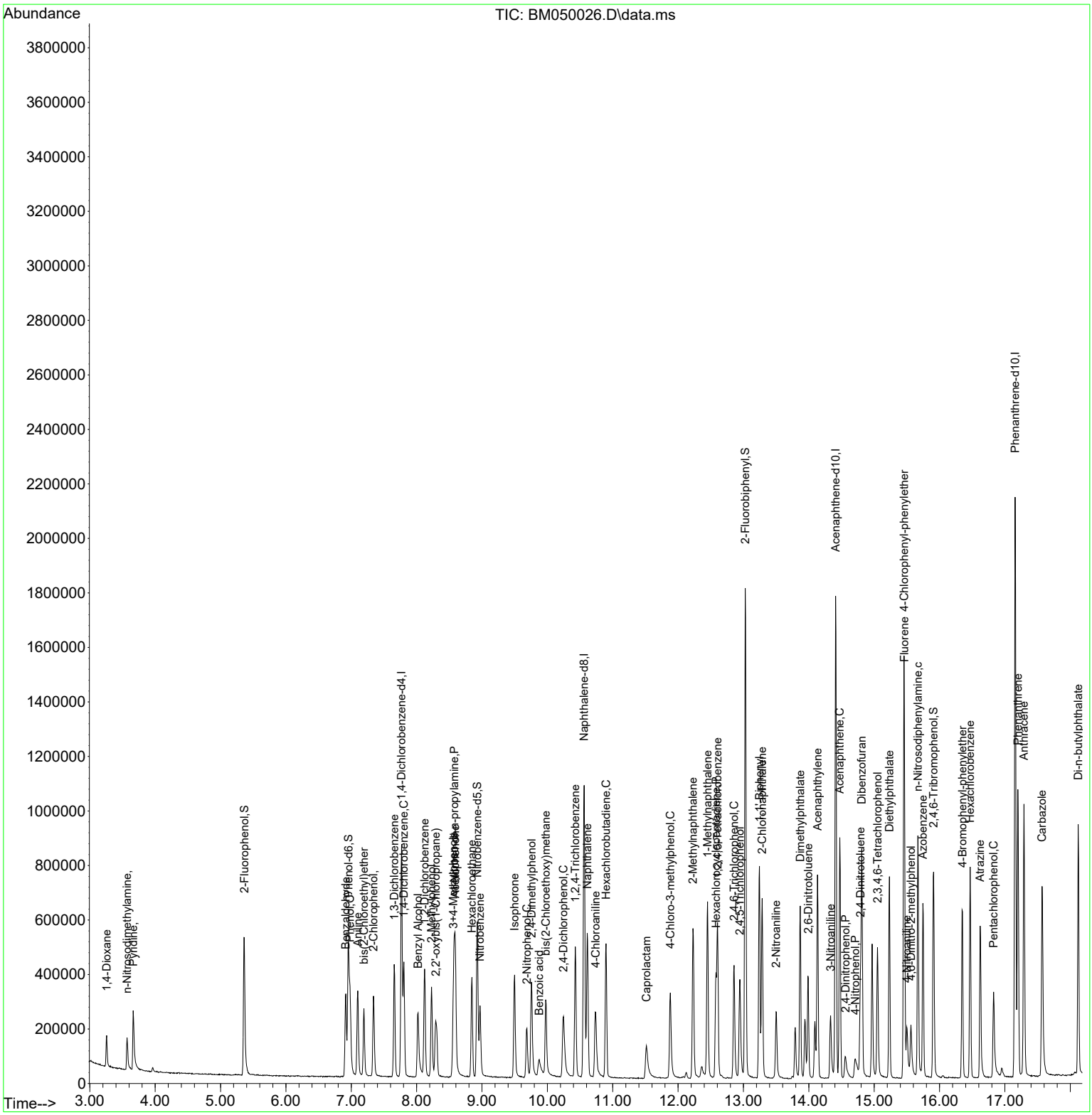
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050026.D
Acq On : 28 Apr 2025 13:48
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 28 17:54:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



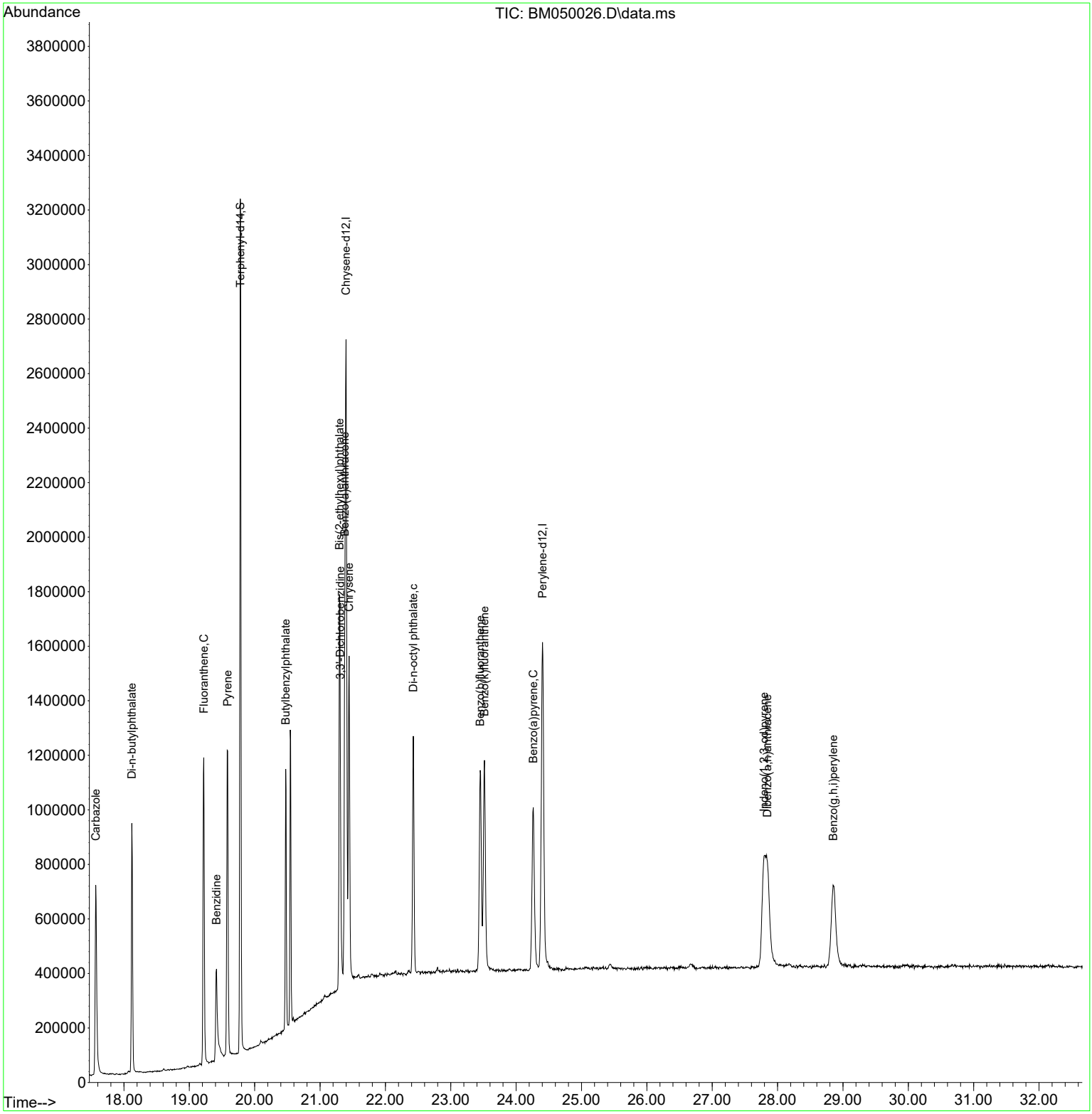
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050026.D
Acq On : 28 Apr 2025 13:48
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

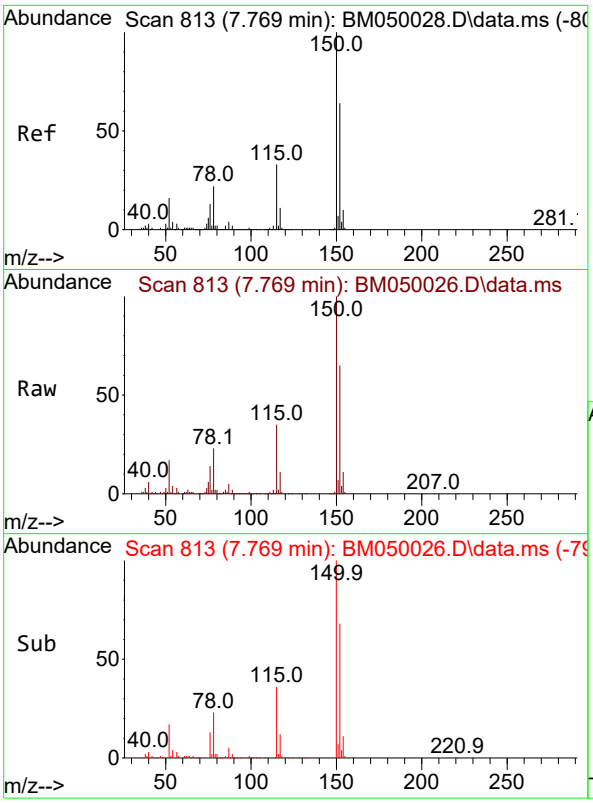
Quant Time: Apr 28 17:54:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

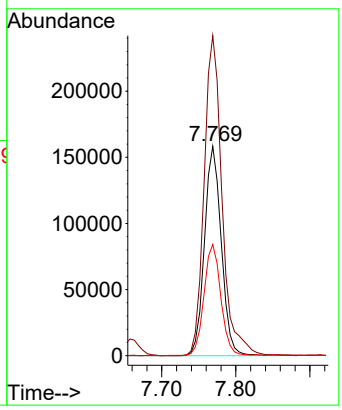




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:152 Resp: 25011

Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.1	186.1
115	53.1	41.2	61.8



Instrument :
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ClientSampleId :
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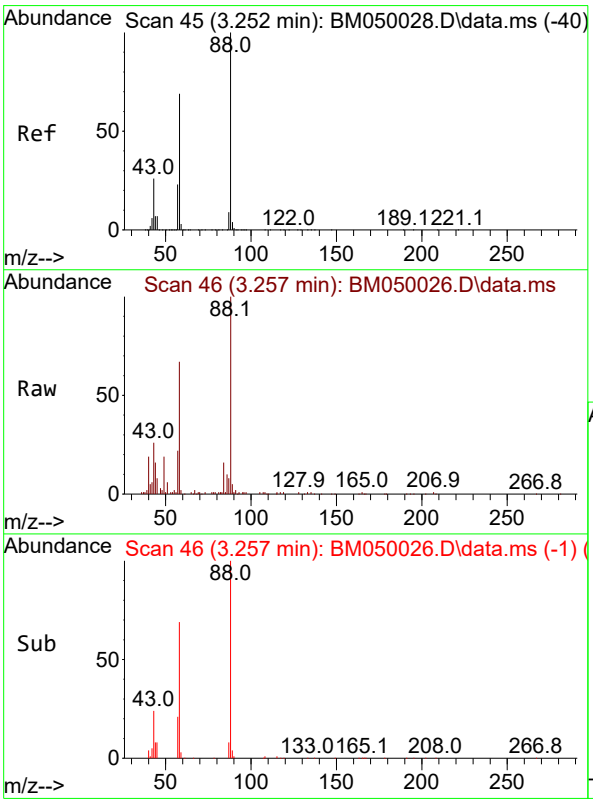
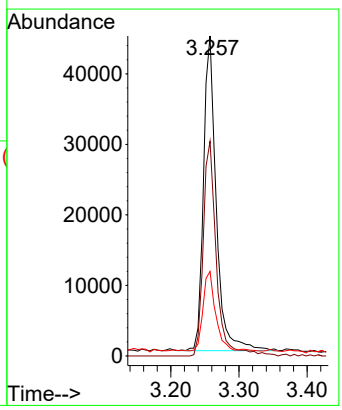
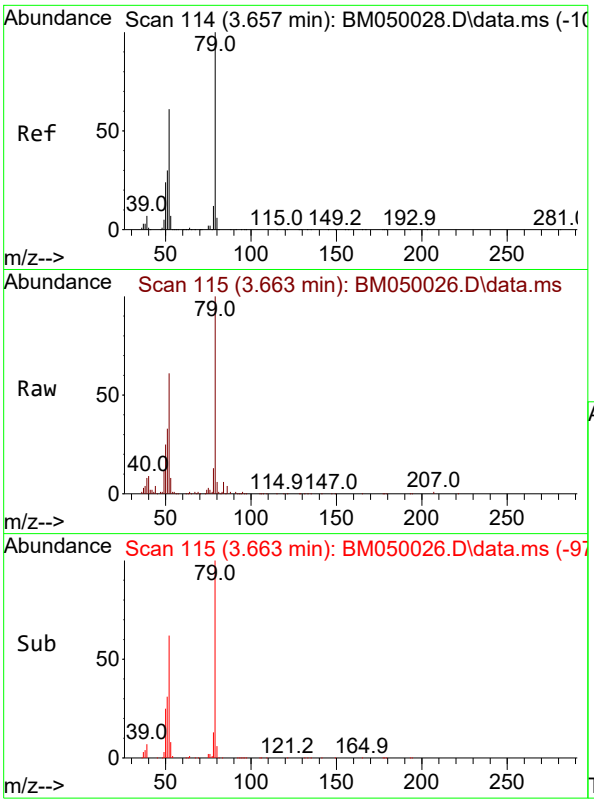


#2
1,4-Dioxane
Concen: 9.478 ng
RT: 3.257 min Scan# 46
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 88 Resp: 58048

Ion	Ratio	Lower	Upper
88	100		
58	70.3	55.1	82.7
43	24.7	20.9	31.3





#3
Pyridine
Concen: 9.266 ng
RT: 3.663 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 79 Resp: 14580

Ion	Ratio	Lower	Upper
79	100		
52	61.3	48.6	72.8
51	33.3	24.6	37.0

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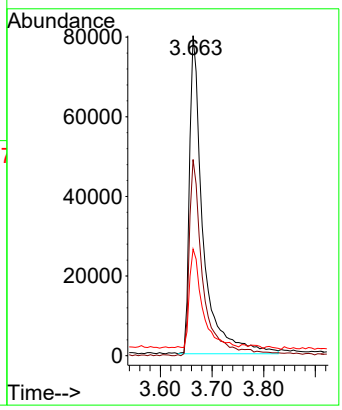
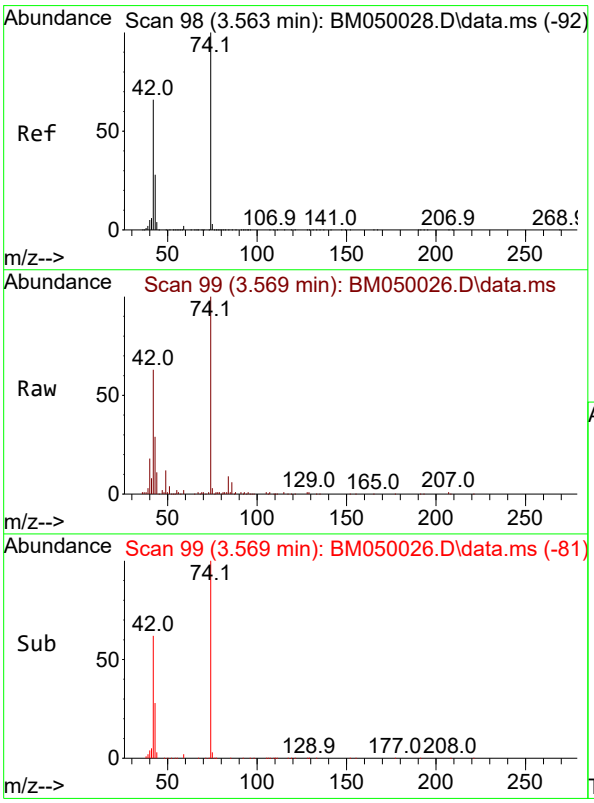
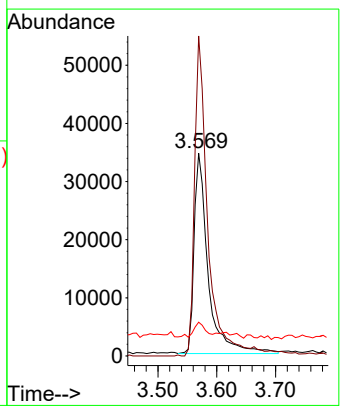


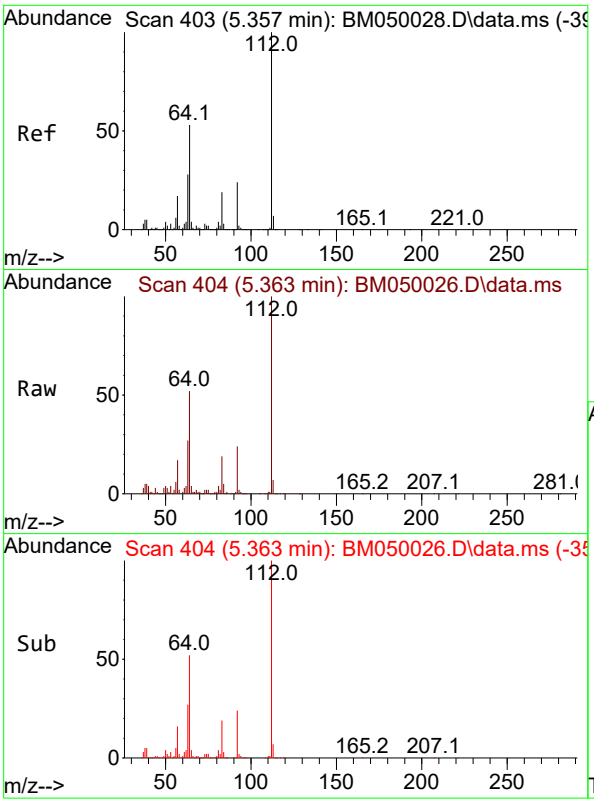


#4
n-Nitrosodimethylamine
Concen: 9.302 ng
RT: 3.569 min Scan# 99
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 42 Resp: 57404

Ion	Ratio	Lower	Upper
42	100		
74	157.9	120.2	180.2
44	16.6	6.2	9.2#

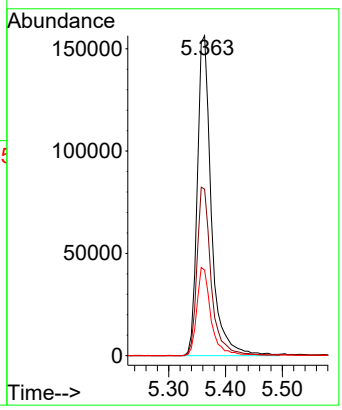




#5
2-Fluorophenol
Concen: 18.894 ng
RT: 5.363 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:112 Resp: 26987

Ion	Ratio	Lower	Upper
112	100		
64	52.1	42.6	64.0
63	26.8	22.2	33.4



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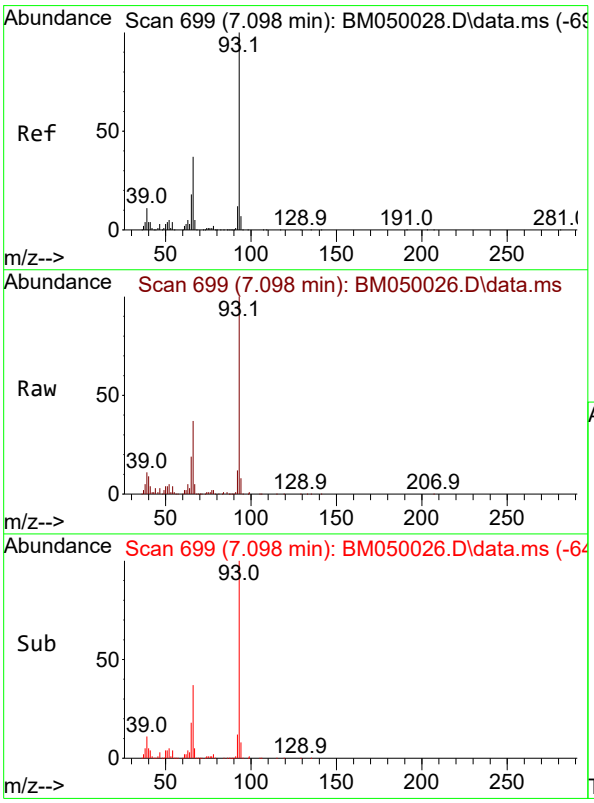
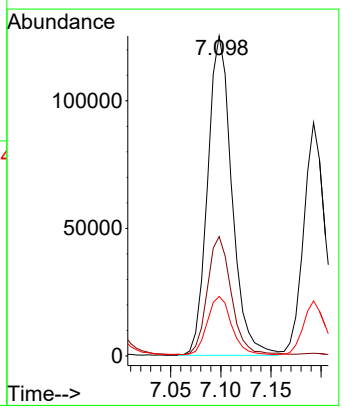
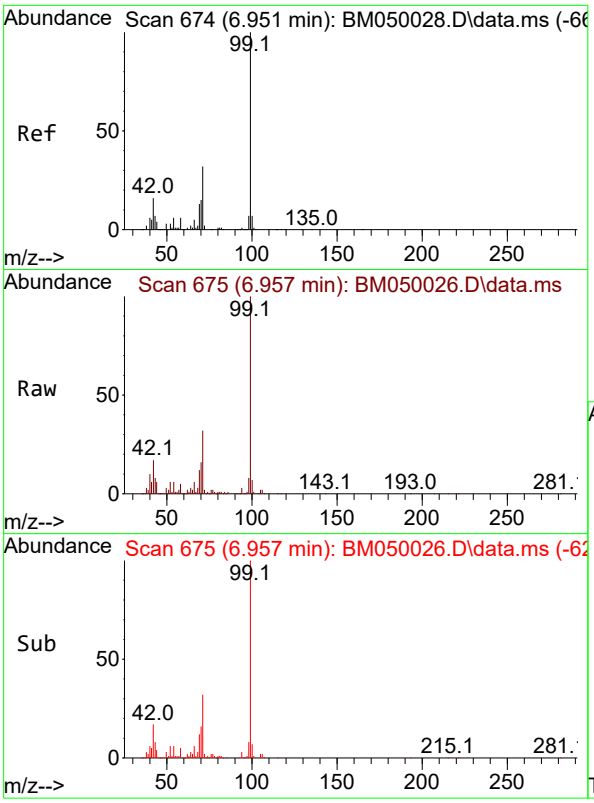


#6
Aniline
Concen: 9.319 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 93 Resp: 211256

Ion	Ratio	Lower	Upper
93	100		
66	37.3	29.9	44.9
65	18.6	14.5	21.7

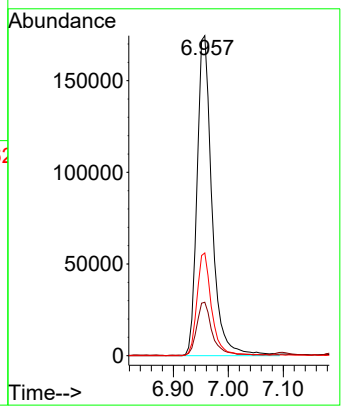




#7
Phenol-d6
Concen: 18.366 ng
RT: 6.957 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 99 Resp: 32970

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.0	19.4
71	32.1	25.6	38.4



Instrument :
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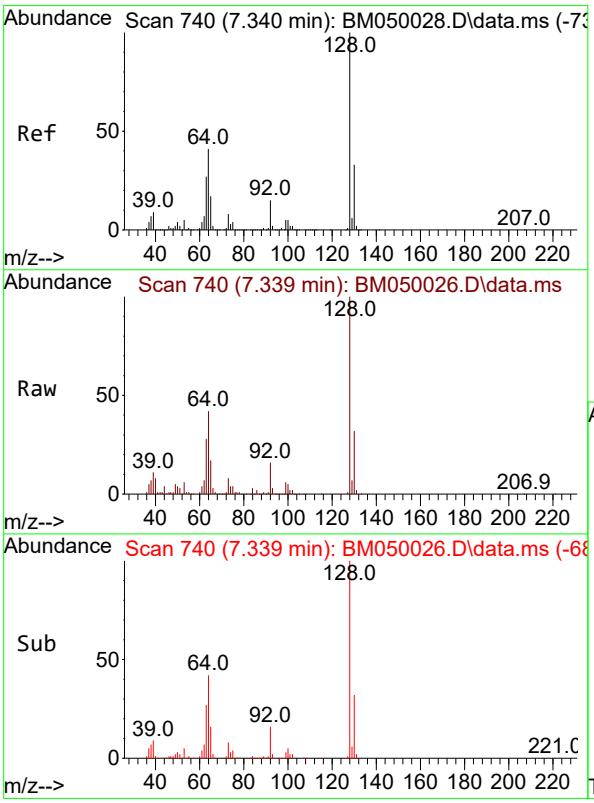
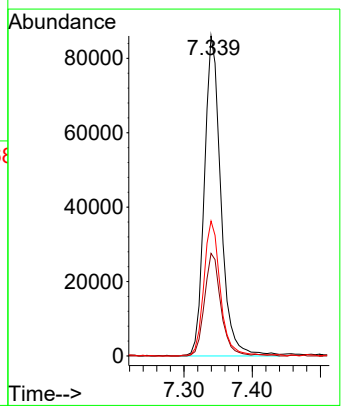
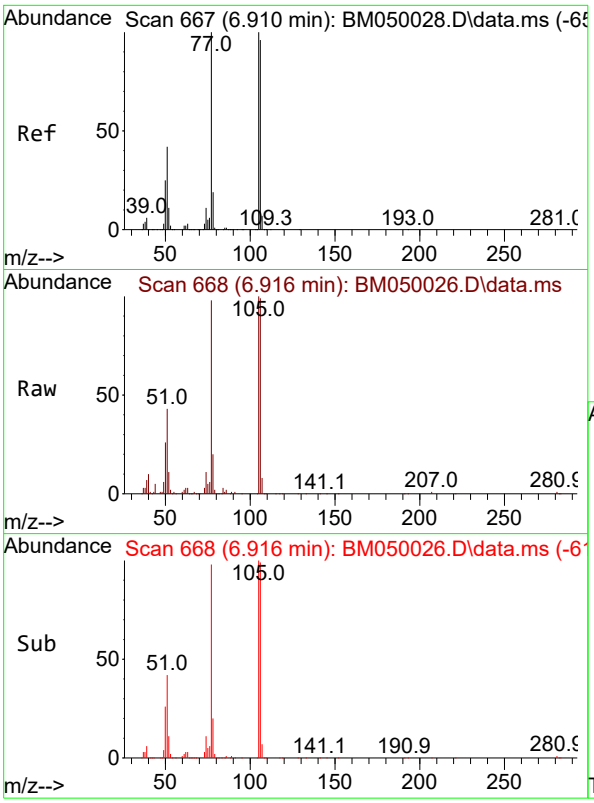


#8
2-Chlorophenol
Concen: 9.404 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:128 Resp: 145228

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.8	52.8
64	42.2	21.2	61.2

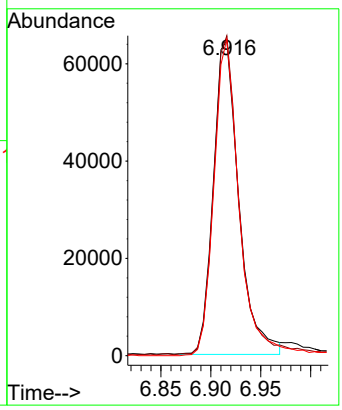




#9
Benzaldehyde
Concen: 9.587 ng m
RT: 6.916 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 77 Resp: 11503

Ion	Ratio	Lower	Upper
77	100		
105	101.6	80.5	120.5
106	100.5	76.1	116.1



Instrument :
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ClientSampleId :
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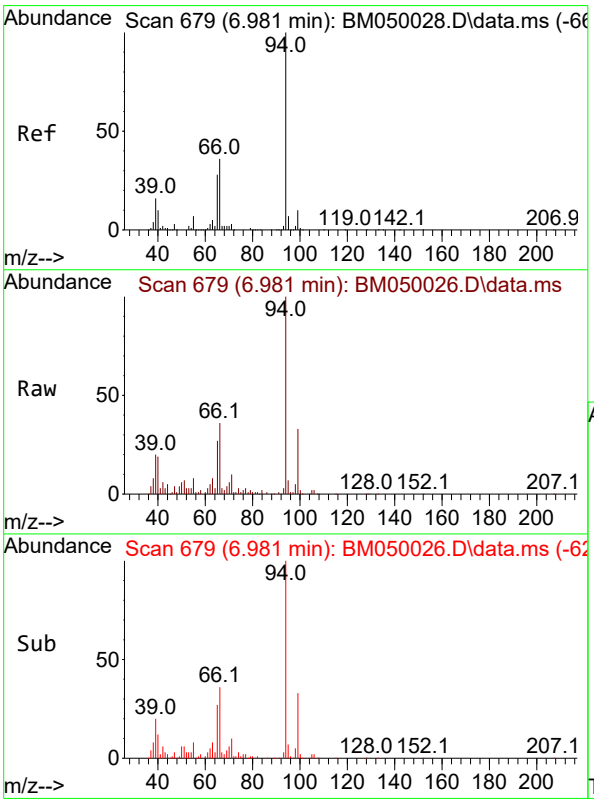
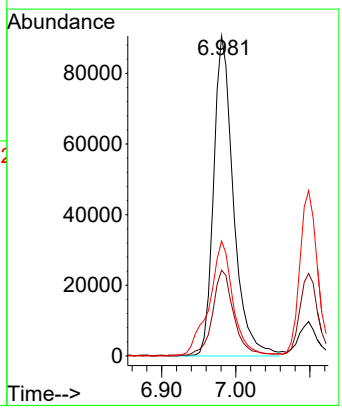
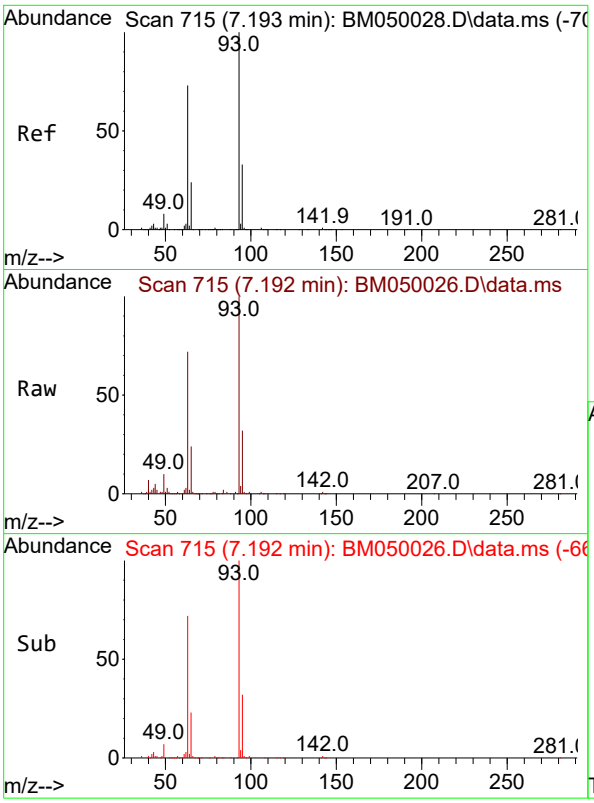


#10
Phenol
Concen: 9.246 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 94 Resp: 168041

Ion	Ratio	Lower	Upper
94	100		
65	26.8	7.6	47.6
66	35.9	15.8	55.8

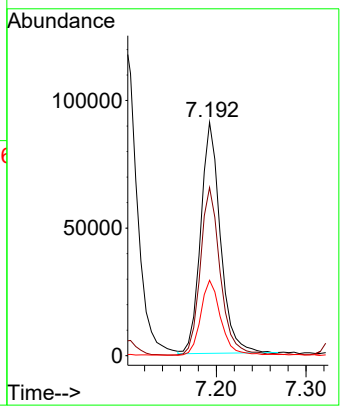




#11
bis(2-Chloroethyl)ether
Concen: 9.107 ng
RT: 7.192 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 93 Resp: 13819

Ion	Ratio	Lower	Upper
93	100		
63	72.0	52.3	92.3
95	32.3	12.8	52.8



Instrument :
BNA_M
ClientSampleId :
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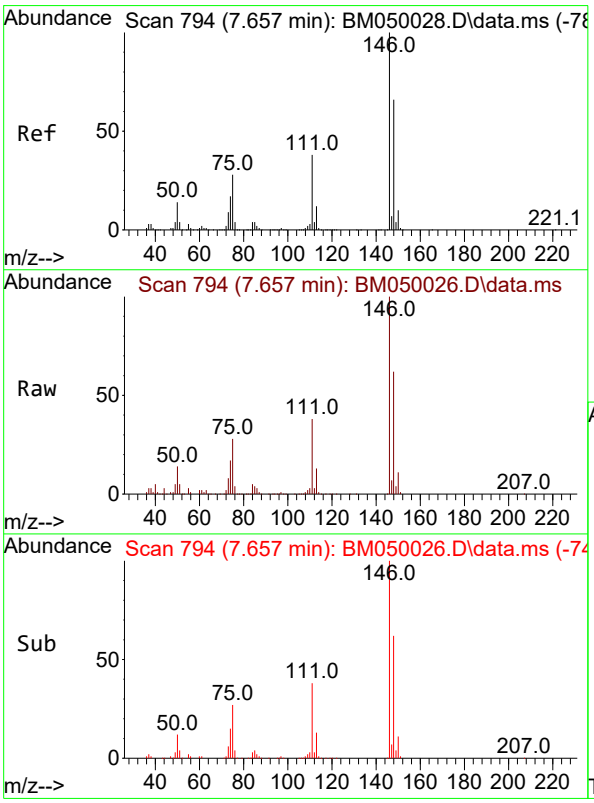
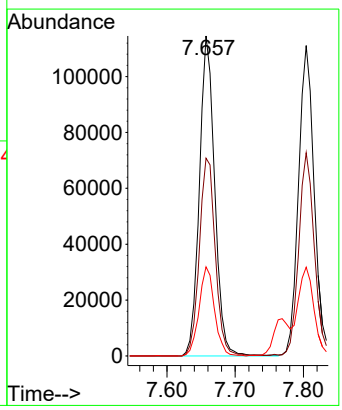
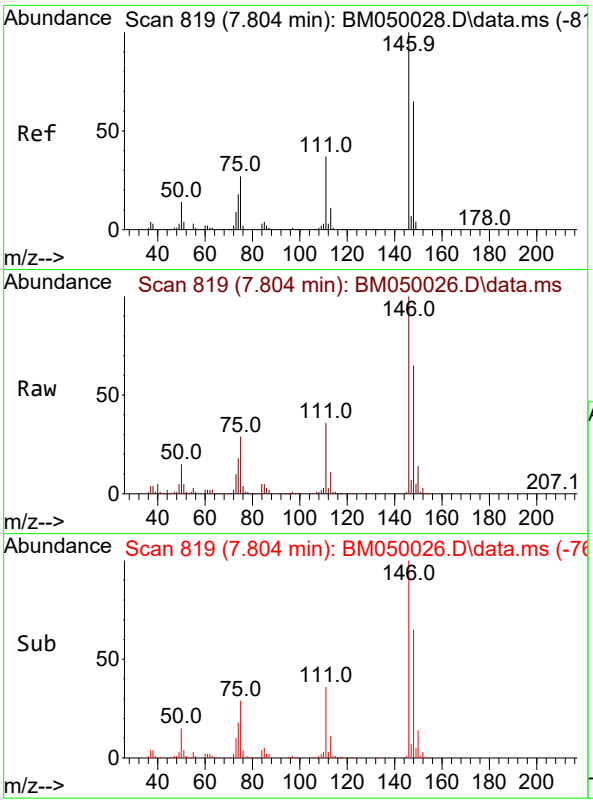


#12
1,3-Dichlorobenzene
Concen: 9.572 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:146 Resp: 178565

Ion	Ratio	Lower	Upper
146	100		
148	61.8	52.5	78.7
75	27.8	22.6	34.0

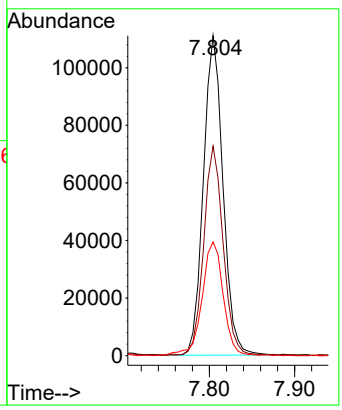




#13
1,4-Dichlorobenzene
Concen: 9.461 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:146 Resp: 17731

Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.2	78.2
111	35.5	29.3	43.9



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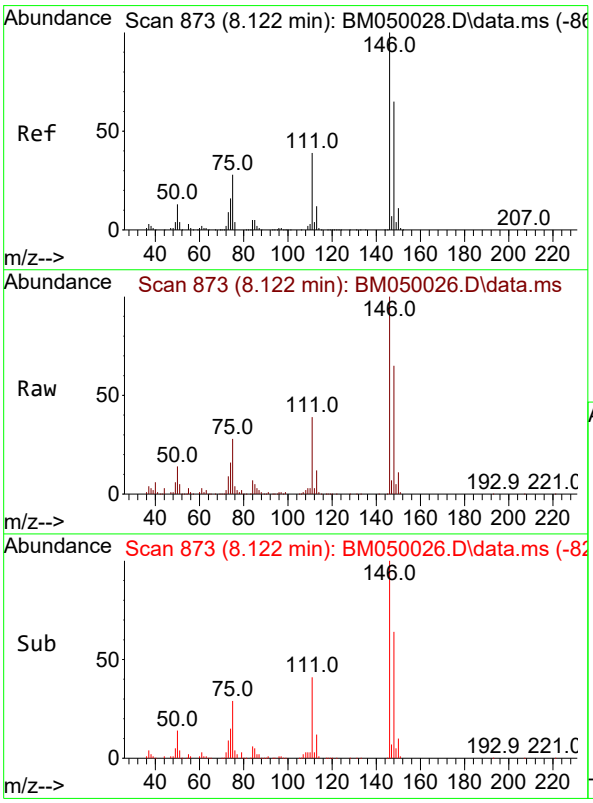
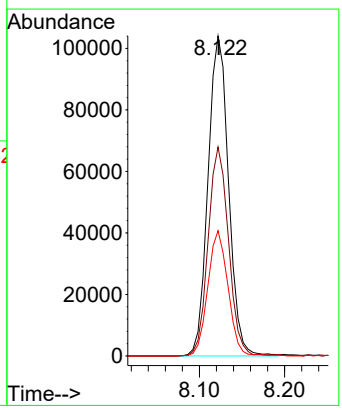
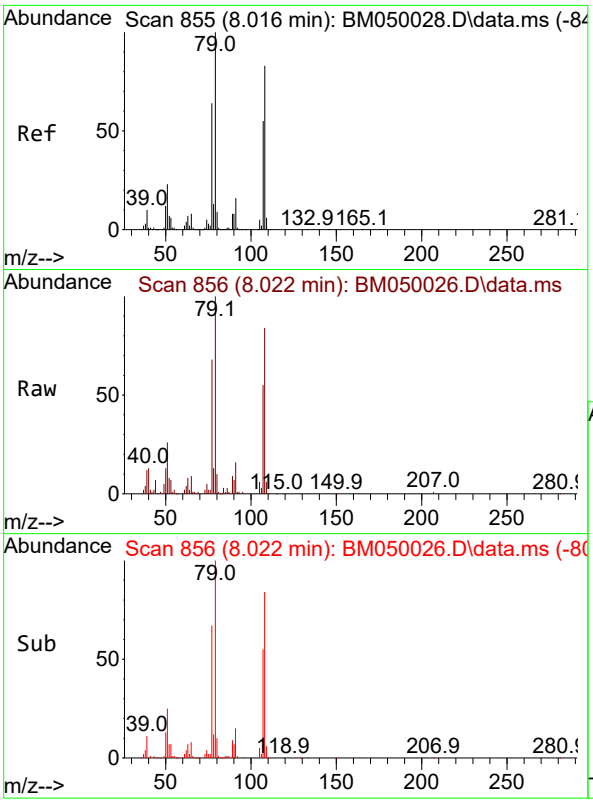


#14
1,2-Dichlorobenzene
Concen: 9.624 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:146 Resp: 174224

Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.4	78.6
111	39.2	31.0	46.6

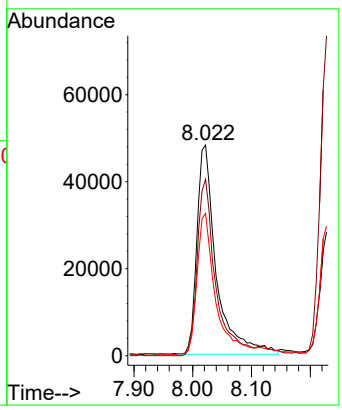




#15
Benzyl Alcohol
Concen: 8.854 ng
RT: 8.022 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 79 Resp: 11023

Ion	Ratio	Lower	Upper
79	100		
108	83.7	66.0	99.0
77	67.5	51.6	77.4



Instrument :
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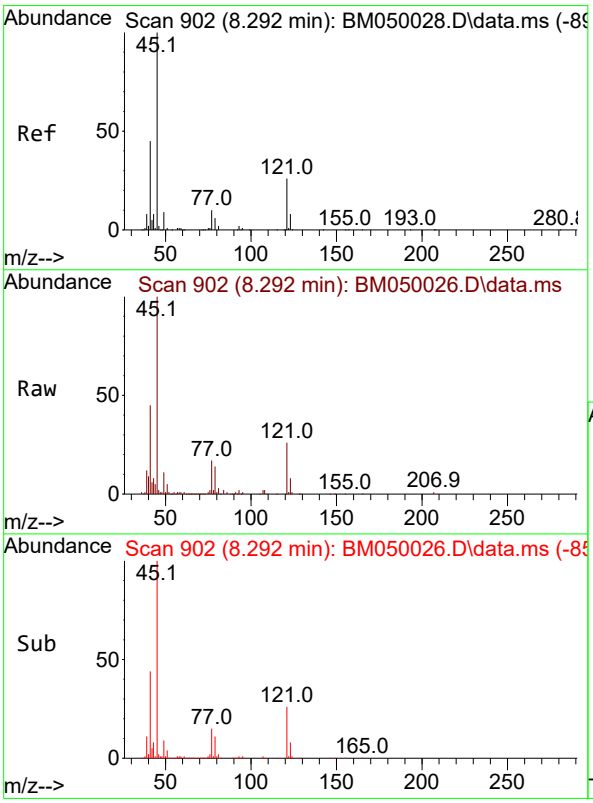
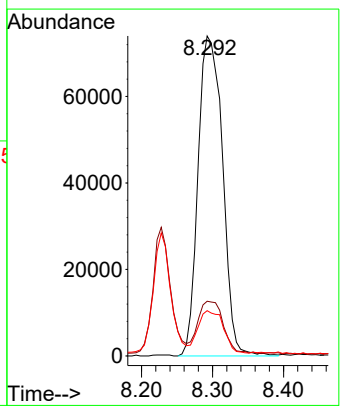
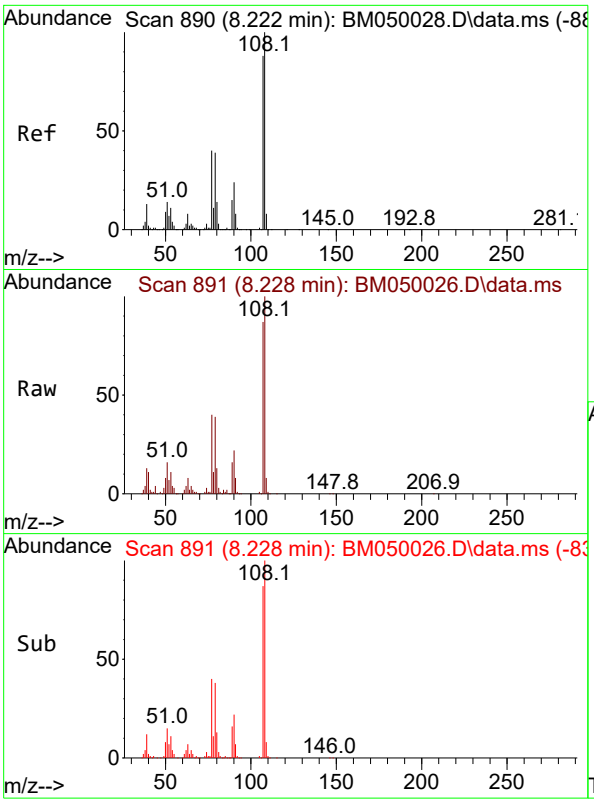


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.637 ng
RT: 8.292 min Scan# 902
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 45 Resp: 177776

Ion	Ratio	Lower	Upper
45	100		
77	17.1	0.0	36.4
79	14.1	0.0	32.7

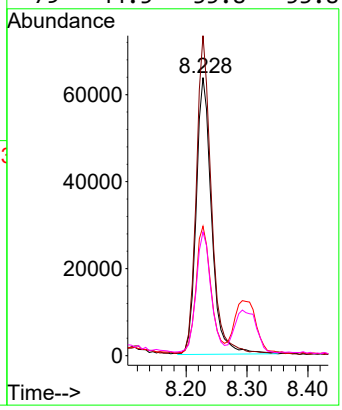




#17
2-Methylphenol
Concen: 9.325 ng
RT: 8.228 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:107 Resp: 11163

Ion	Ratio	Lower	Upper
107	100		
108	115.1	91.1	136.7
77	46.6	36.2	54.4
79	44.5	35.8	53.8



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ClientSampleId :
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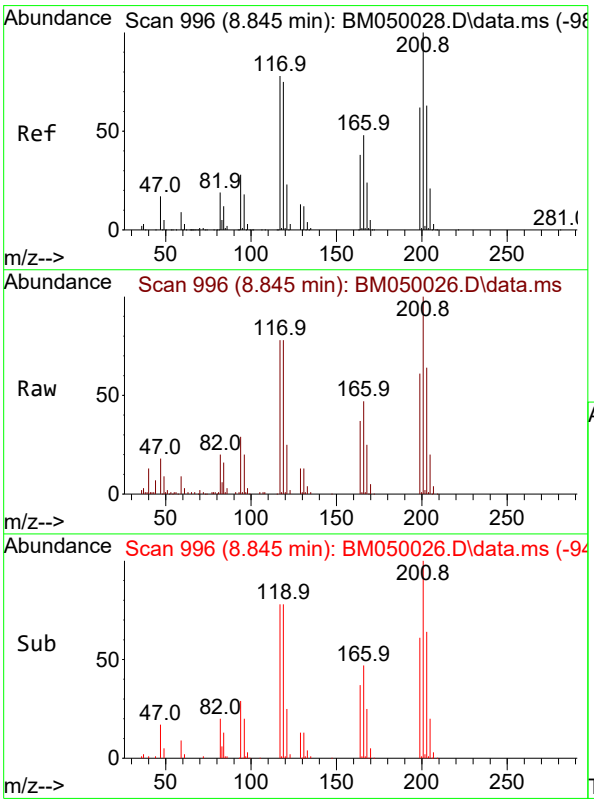
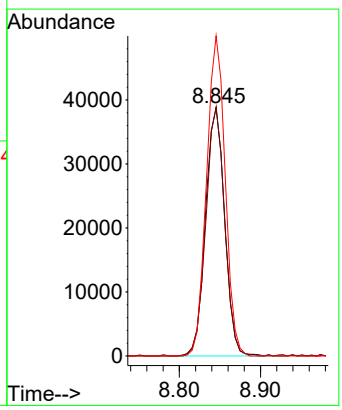
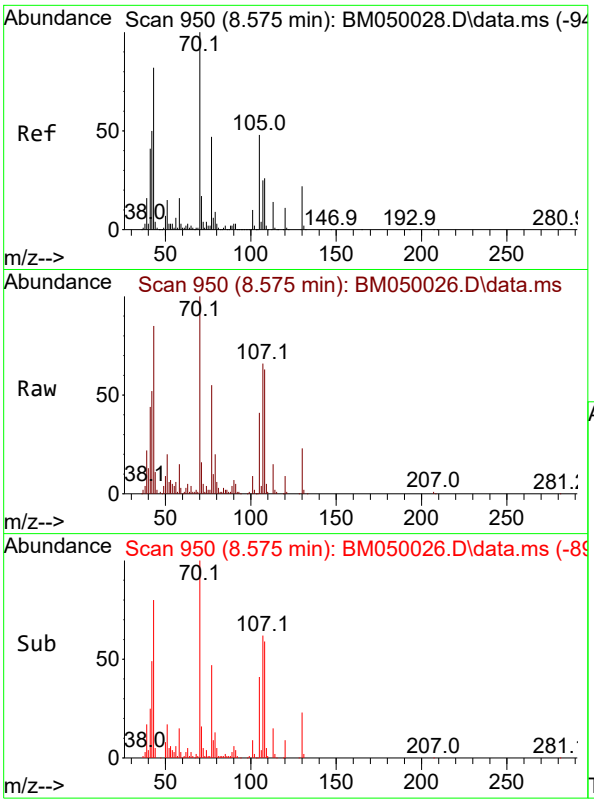


#18
Hexachloroethane
Concen: 9.530 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:117 Resp: 63487

Ion	Ratio	Lower	Upper
117	100		
119	100.3	77.3	115.9
201	129.0	102.8	154.2

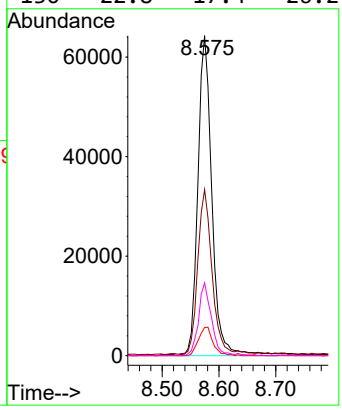




#19
n-Nitroso-di-n-propylamine
Concen: 9.609 ng
RT: 8.575 min Scan# 9
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 70 Resp: 11064

Ion	Ratio	Lower	Upper
70	100		
42	51.9	40.5	60.7
101	8.8	7.8	11.6
130	22.8	17.4	26.2



Instrument :
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ClientSampleId :
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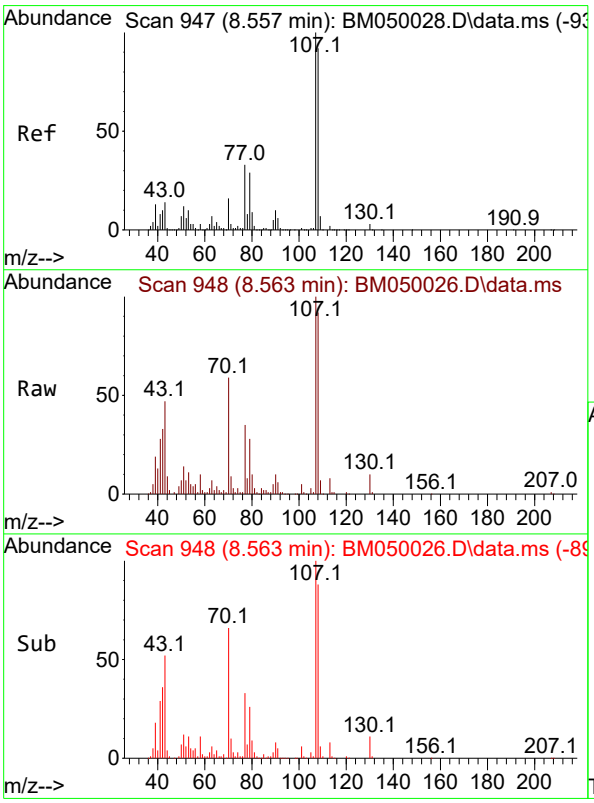
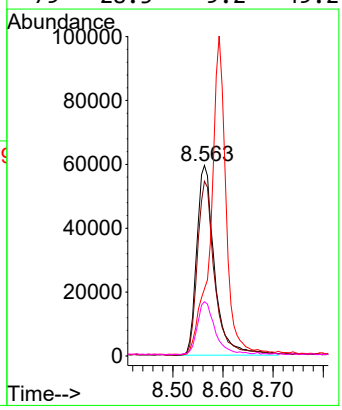
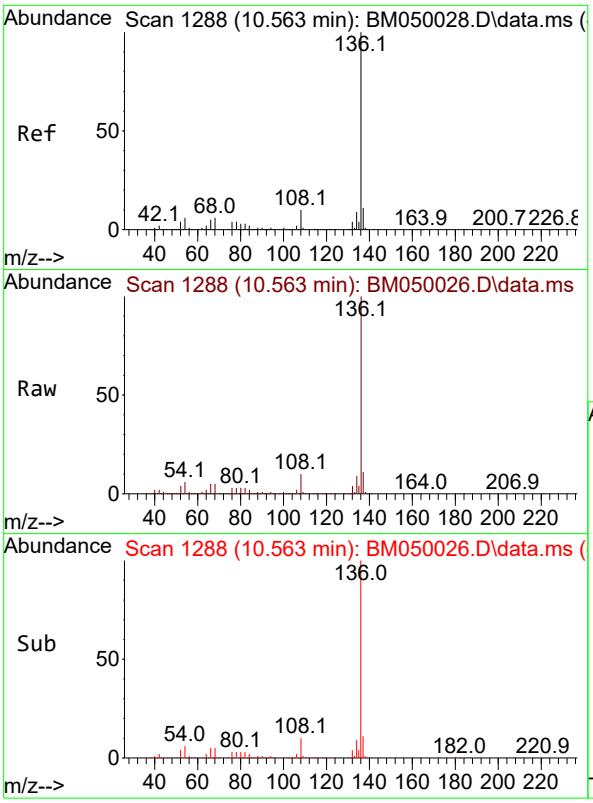


#20
3+4-Methylphenols
Concen: 9.049 ng
RT: 8.563 min Scan# 948
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:107 Resp: 146303

Ion	Ratio	Lower	Upper
107	100		
108	91.7	72.4	112.4
77	35.2	13.6	53.6
79	28.5	9.2	49.2

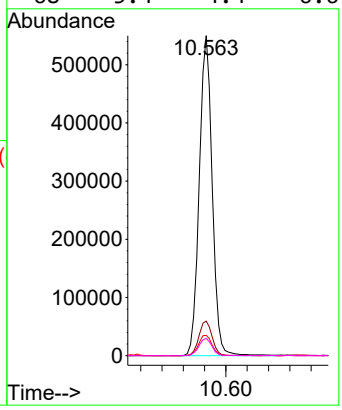




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:136 Resp: 92651

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.3	5.1	7.7
68	5.4	4.4	6.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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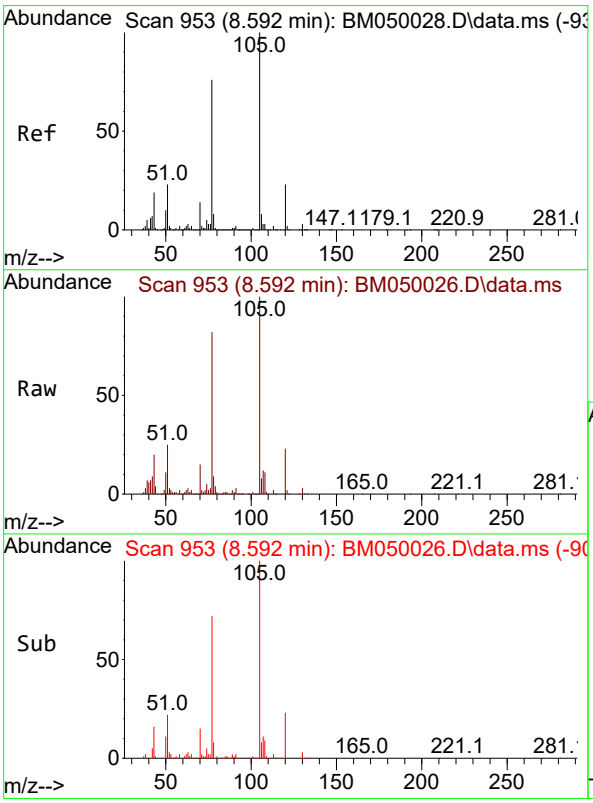
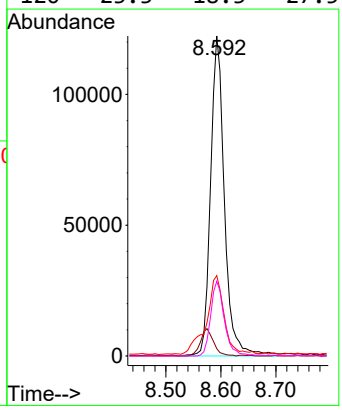
Supervised By :Jagrut Upadhyay 04/29/2025

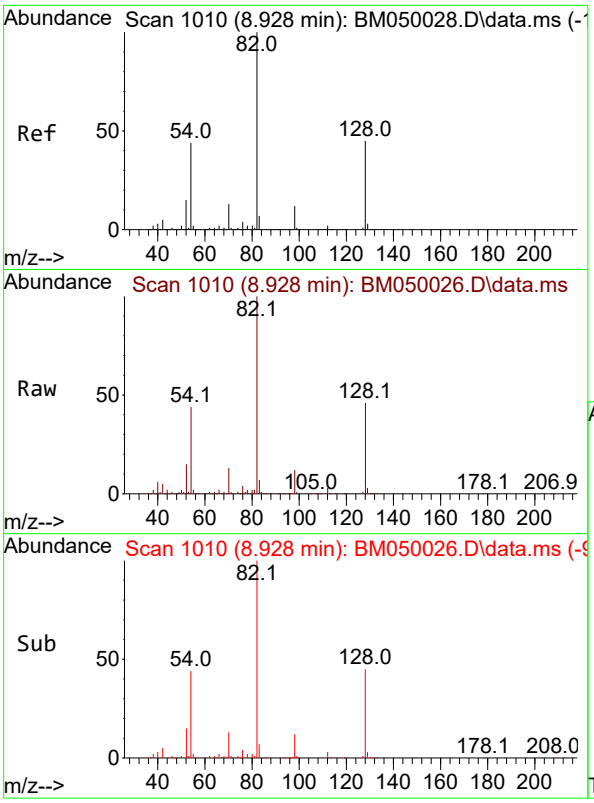


#22
Acetophenone
Concen: 9.325 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:105 Resp: 214790

Ion	Ratio	Lower	Upper
105	100		
71	2.3	1.7	2.5
51	25.1	18.6	27.8
120	23.3	18.3	27.5

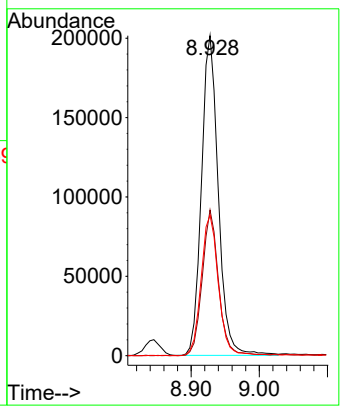




#23
Nitrobenzene-d5
Concen: 18.420 ng
RT: 8.928 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 82 Resp: 34633

Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.7	53.5
54	43.9	35.4	53.2



Instrument :
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ClientSampleId :
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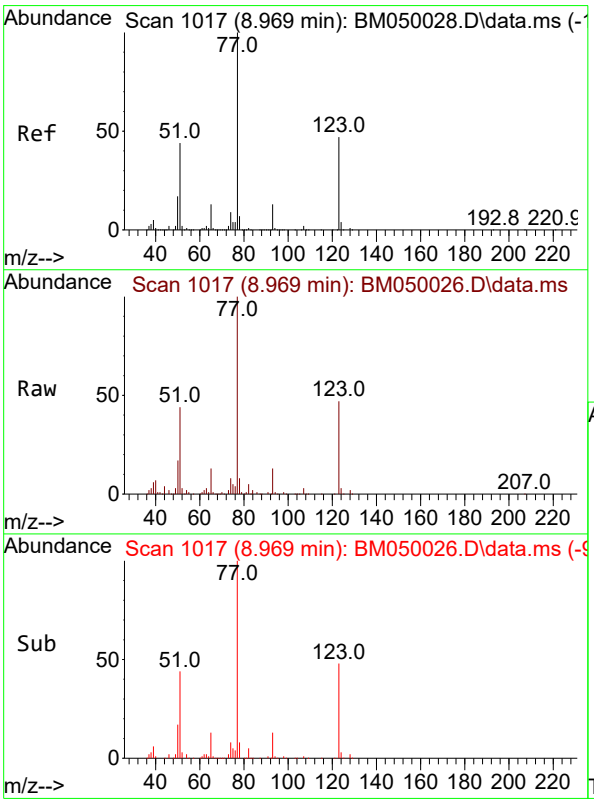
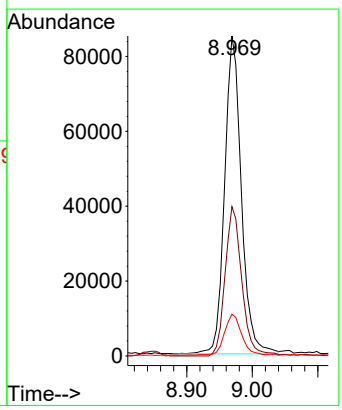
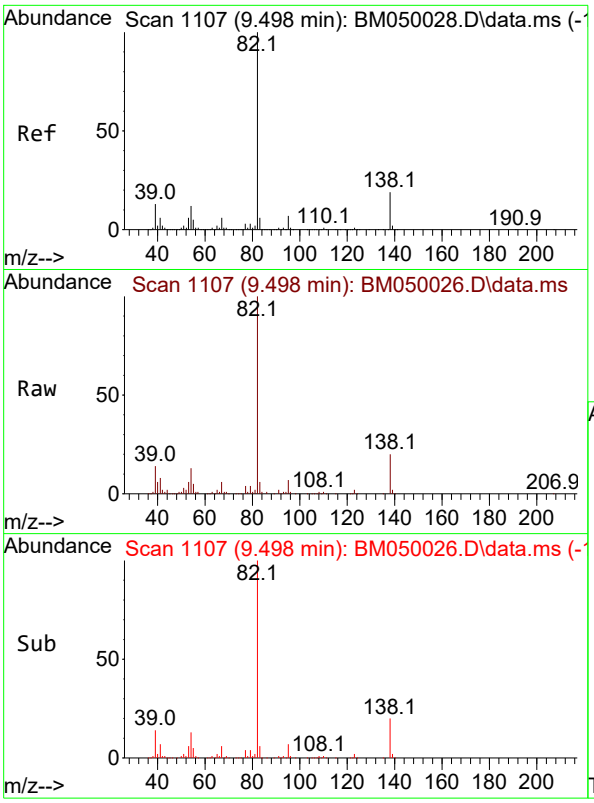


#24
Nitrobenzene
Concen: 9.259 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 77 Resp: 150534

Ion	Ratio	Lower	Upper
77	100		
123	46.6	37.9	56.9
65	13.0	10.1	15.1

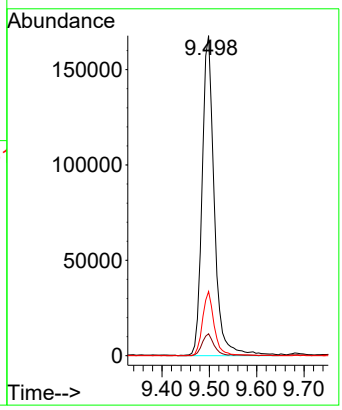




#25
Isophorone
Concen: 9.366 ng
RT: 9.498 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 82 Resp: 300179

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.7	8.5
138	20.1	15.5	23.3



Instrument :
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ClientSampleId :
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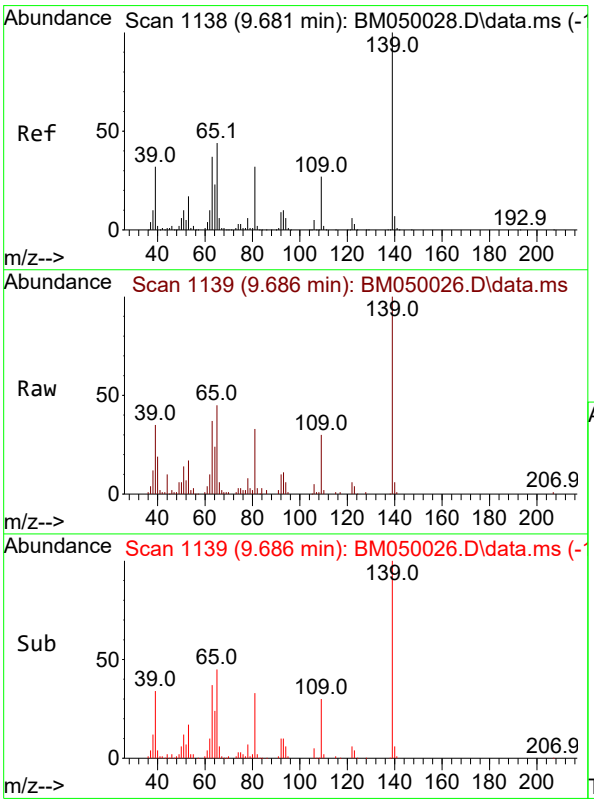
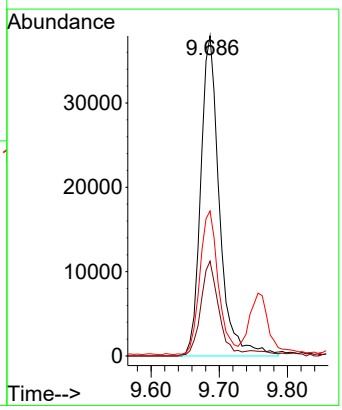
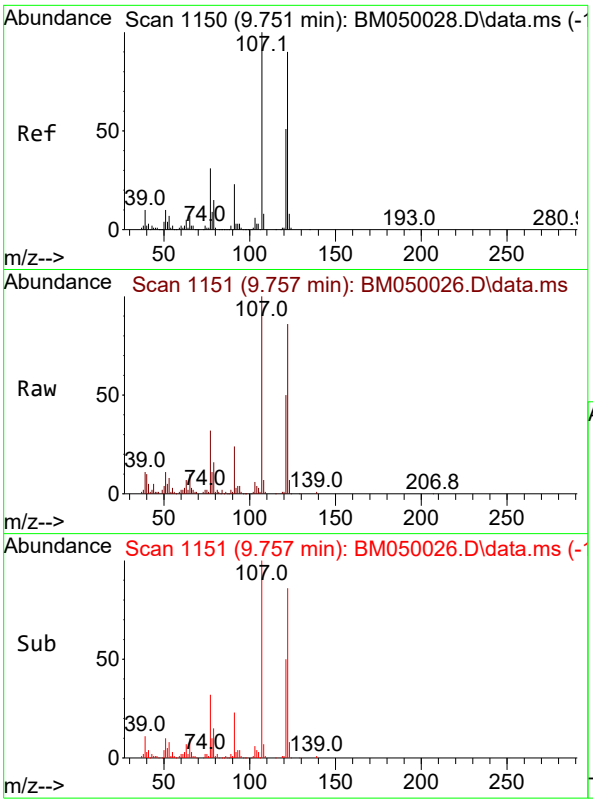


#26
2-Nitrophenol
Concen: 8.732 ng
RT: 9.686 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:139 Resp: 72521

Ion	Ratio	Lower	Upper
139	100		
109	29.6	21.9	32.9
65	45.3	35.4	53.2

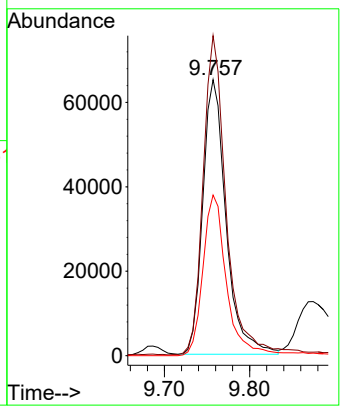




#27
2,4-Dimethylphenol
Concen: 8.960 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:122 Resp: 12340

Ion	Ratio	Lower	Upper
122	100		
107	115.9	89.0	133.6
121	58.2	45.6	68.4



Instrument :
BNA_M
ClientSampleId :
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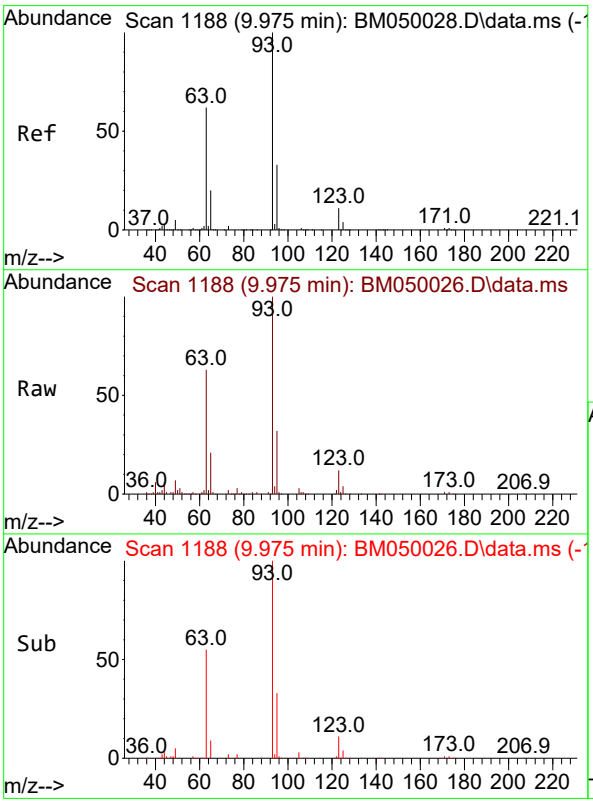
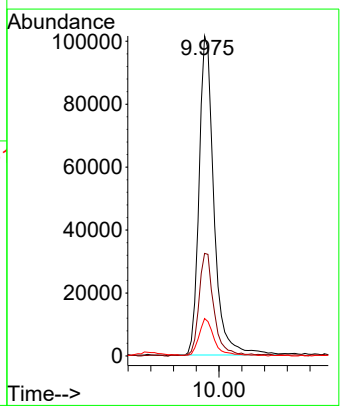
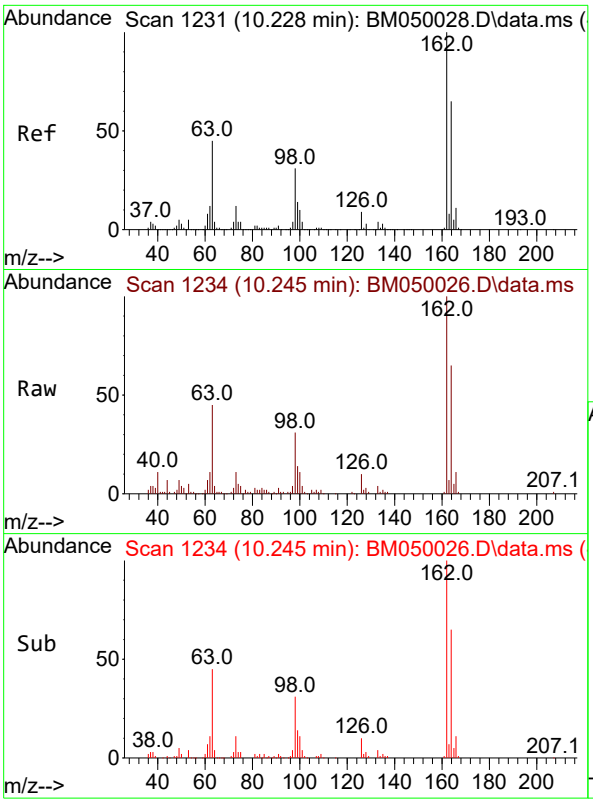


#28
bis(2-Chloroethoxy)methane
Concen: 9.331 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 93 Resp: 184837

Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.1	39.1
123	11.7	9.5	14.3

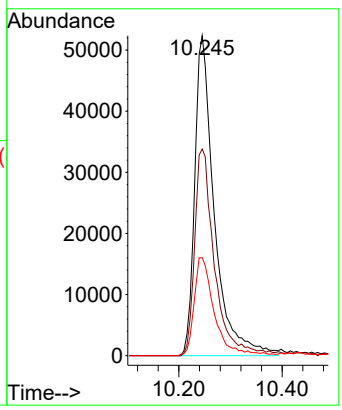




#29
2,4-Dichlorophenol
Concen: 8.938 ng
RT: 10.245 min Scan# 1
Delta R.T. 0.018 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:162 Resp: 13791

Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.4	85.4
98	30.7	11.3	51.3



Instrument :
BNA_M
ClientSampleId :
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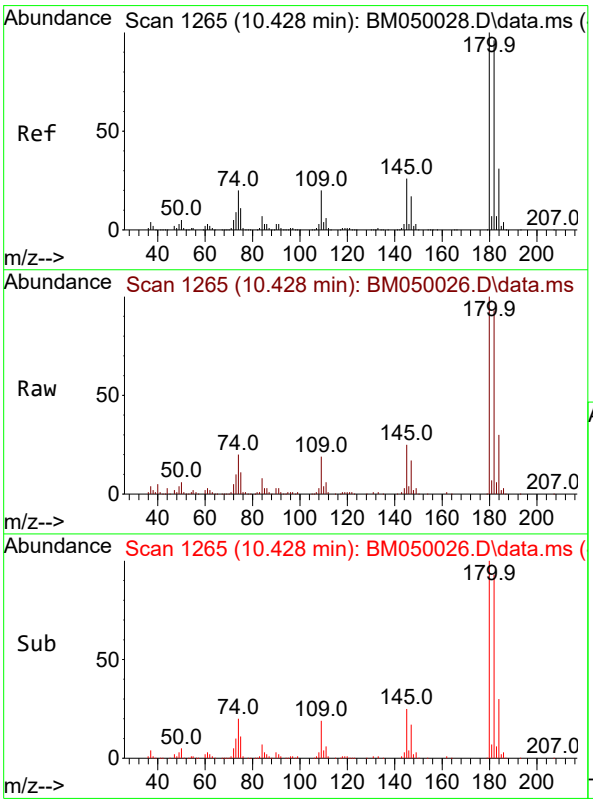
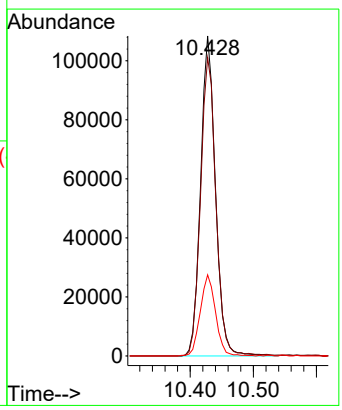
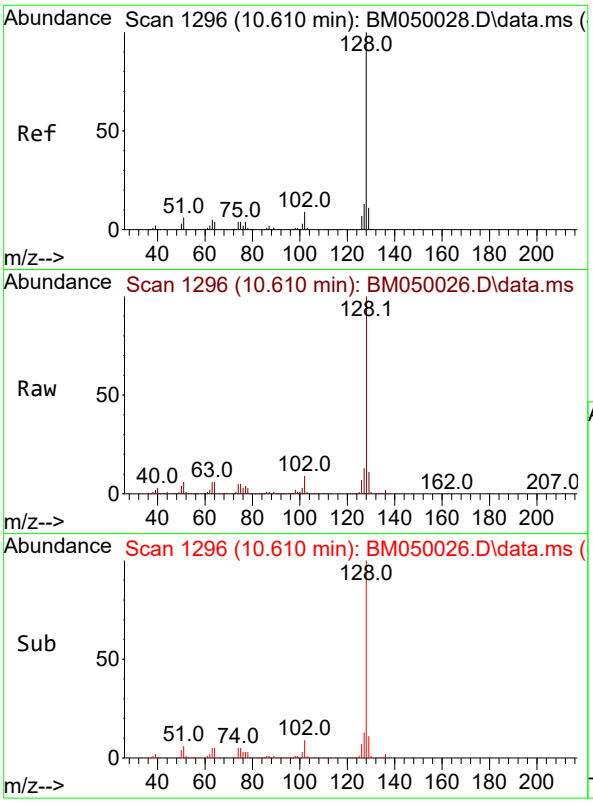


#30
1,2,4-Trichlorobenzene
Concen: 9.453 ng
RT: 10.428 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:180 Resp: 177721

Ion	Ratio	Lower	Upper
180	100		
182	93.2	77.0	115.4
145	25.3	20.6	30.8

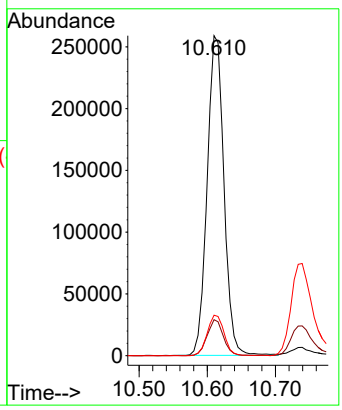




#31
Naphthalene
Concen: 9.467 ng
RT: 10.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:128 Resp: 44420

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	12.7	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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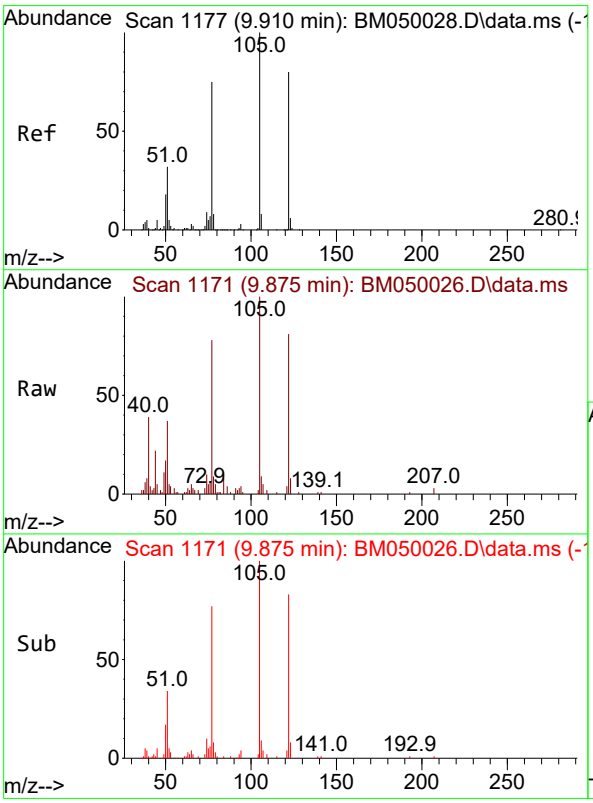
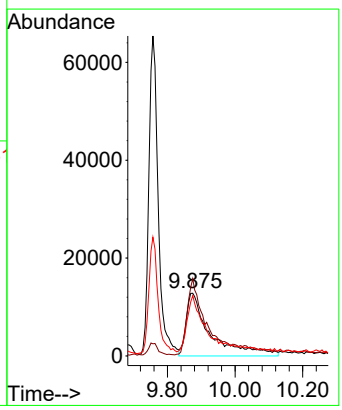
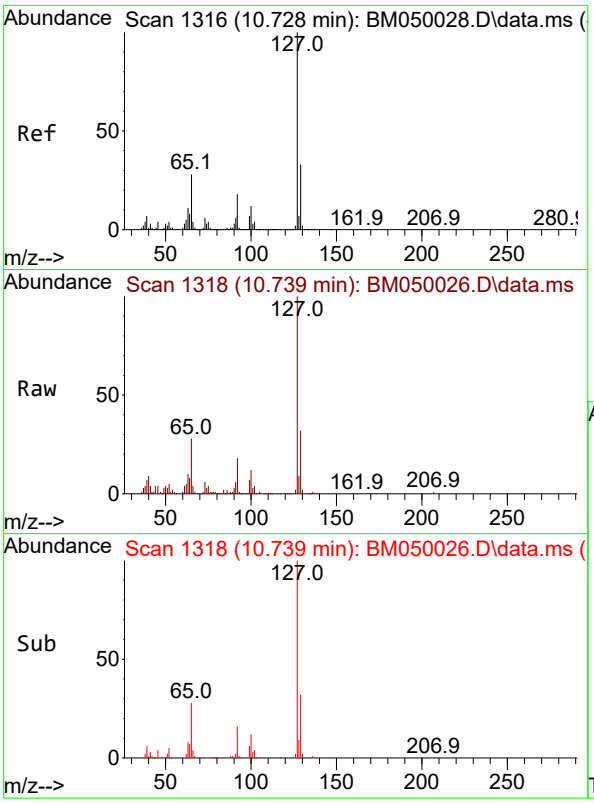


#32
Benzoic acid
Concen: 7.282 ng m
RT: 9.875 min Scan# 1171
Delta R.T. -0.035 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:122 Resp: 63971

Ion	Ratio	Lower	Upper
122	100		
105	123.3	103.6	143.6
77	96.2	73.7	113.7

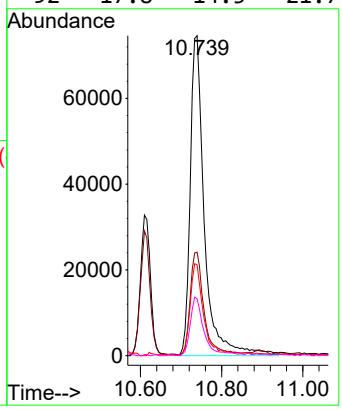




#33
4-Chloroaniline
Concen: 9.458 ng
RT: 10.739 min Scan# 1
Delta R.T. 0.012 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:127 Resp: 18190

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	28.4	22.5	33.7
92	17.8	14.5	21.7



Instrument :
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ClientSampleId :
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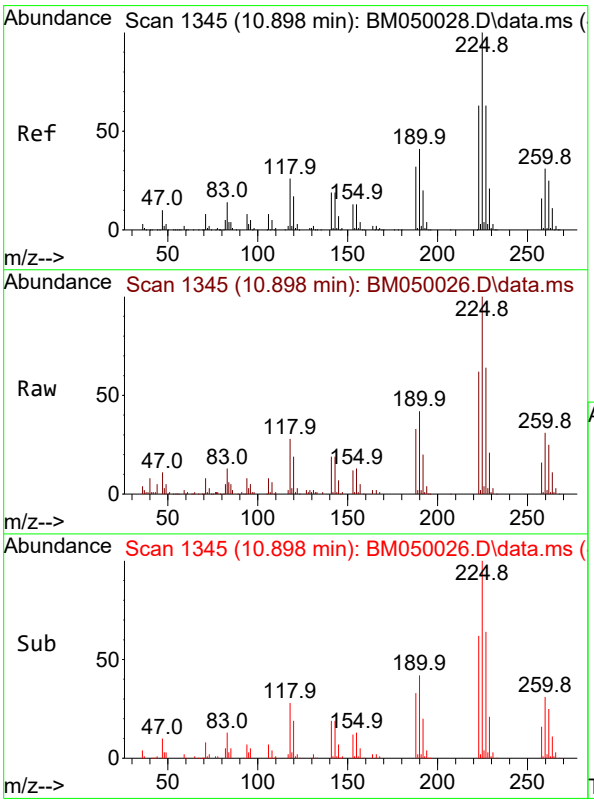
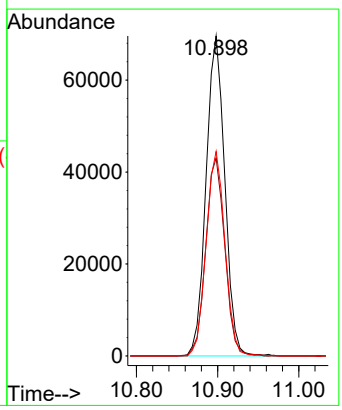
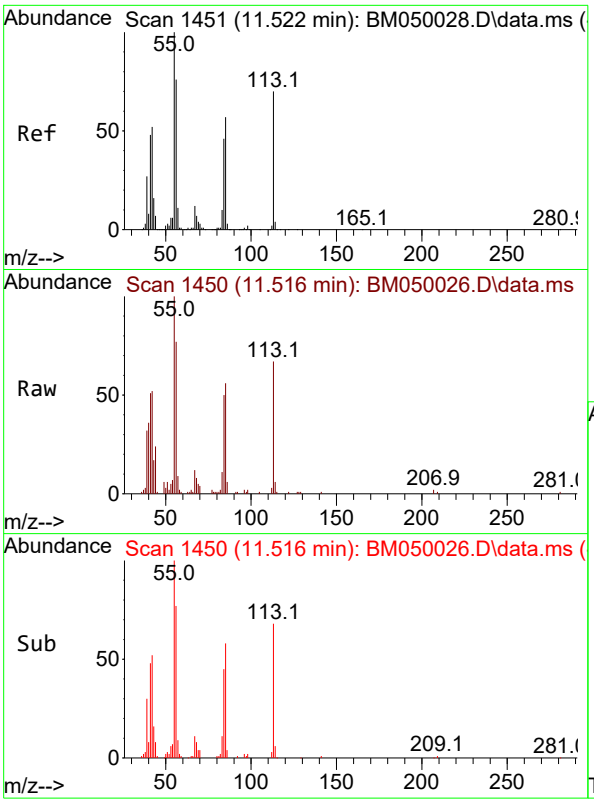


#34
Hexachlorobutadiene
Concen: 9.327 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:225 Resp: 111307

Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.2	75.2
227	63.9	50.6	76.0





#35
Caprolactam
Concen: 8.745 ng
RT: 11.516 min Scan# 14
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:113 Resp: 3934

Ion	Ratio	Lower	Upper
113	100		
55	150.2	122.9	162.9
56	115.3	88.1	128.1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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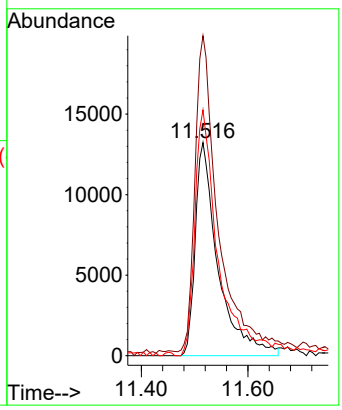
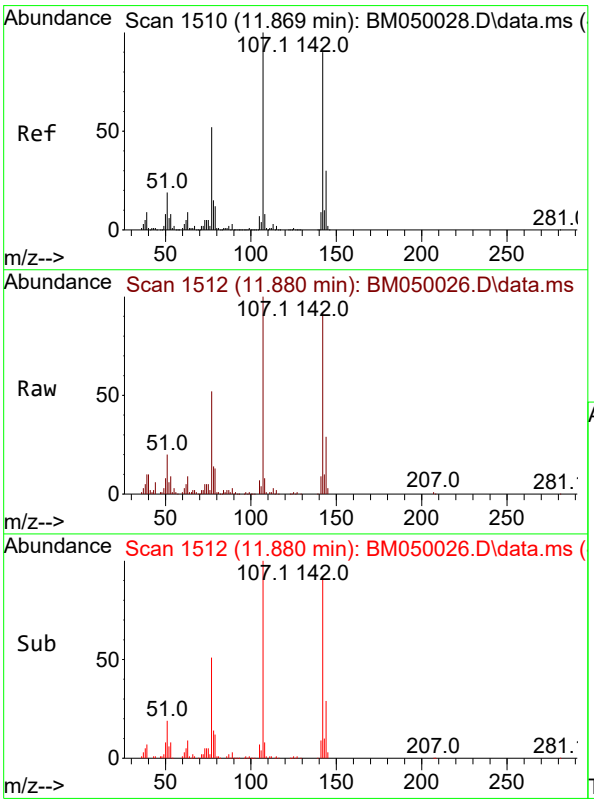
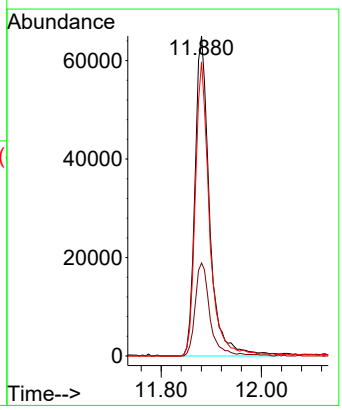


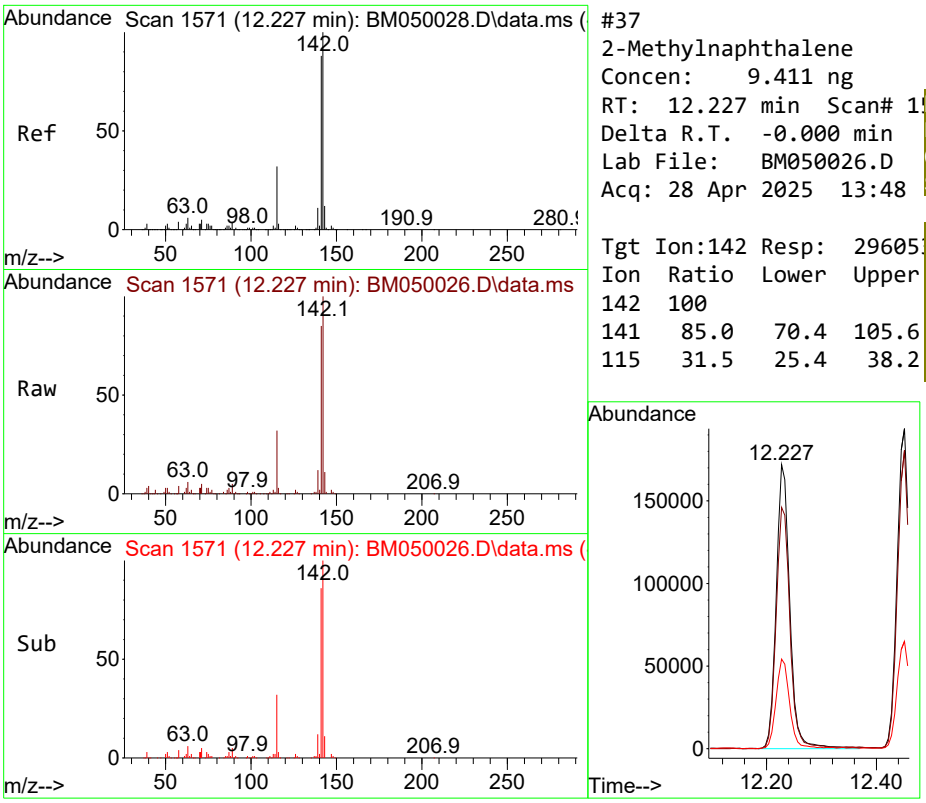


#36
4-Chloro-3-methylphenol
Concen: 9.194 ng
RT: 11.880 min Scan# 1512
Delta R.T. 0.012 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:107 Resp: 131076

Ion	Ratio	Lower	Upper
107	100		
144	29.1	23.8	35.6
142	91.9	71.9	107.9





#37
2-Methylnaphthalene
Concen: 9.411 ng
RT: 12.227 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:142 Resp: 29605

Ion	Ratio	Lower	Upper
142	100		
141	85.0	70.4	105.6
115	31.5	25.4	38.2

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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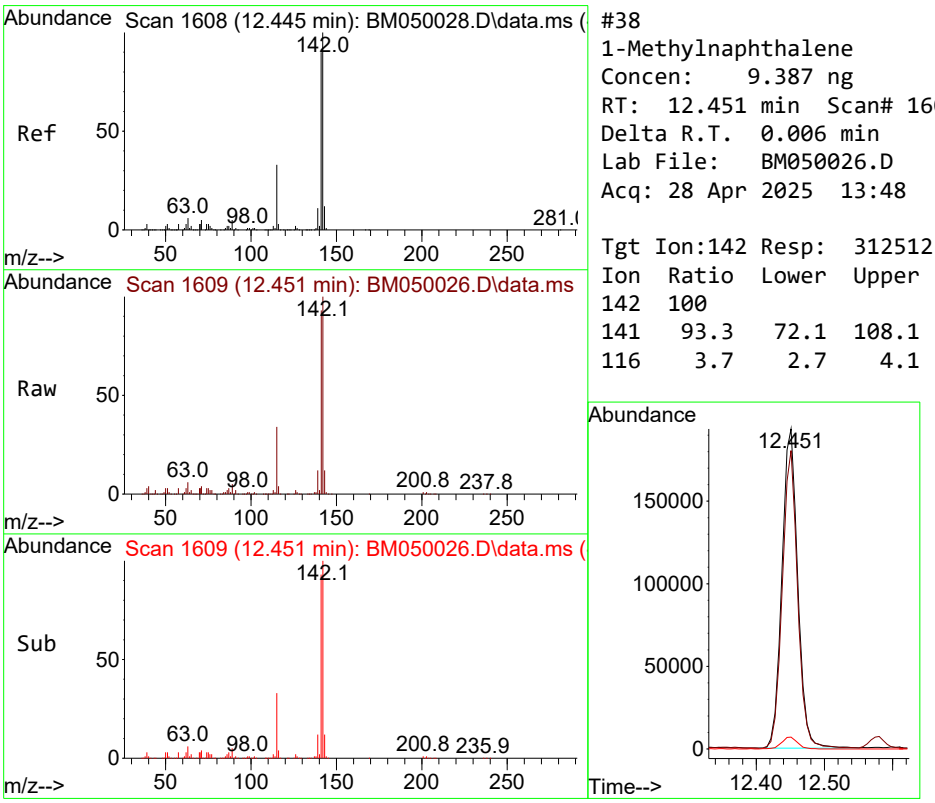
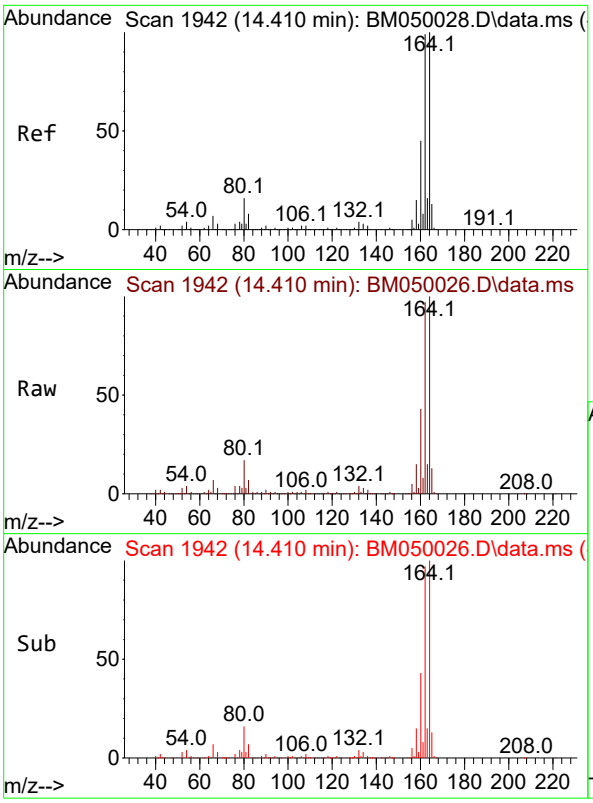


#38
1-Methylnaphthalene
Concen: 9.387 ng
RT: 12.451 min Scan# 1609
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:142 Resp: 312512

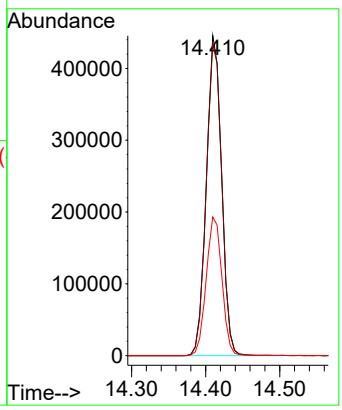
Ion	Ratio	Lower	Upper
142	100		
141	93.3	72.1	108.1
116	3.7	2.7	4.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:164 Resp: 63665

Ion	Ratio	Lower	Upper
164	100		
162	97.3	79.4	119.0
160	43.3	36.2	54.4



Instrument :
BNA_M
ClientSampleId :
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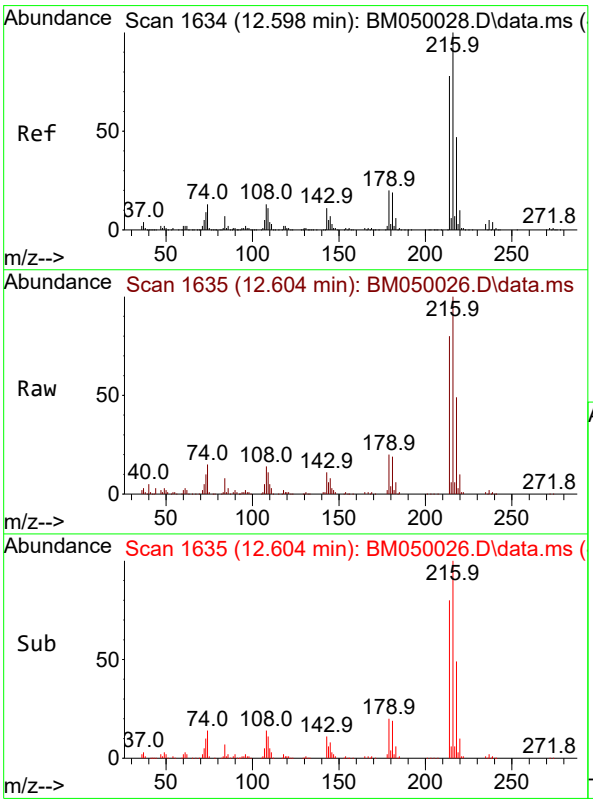
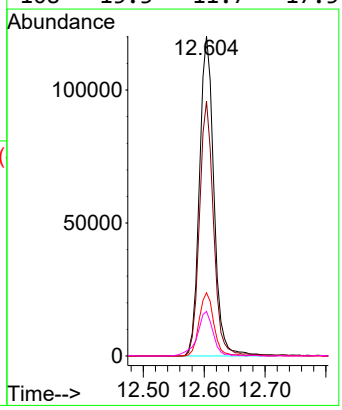
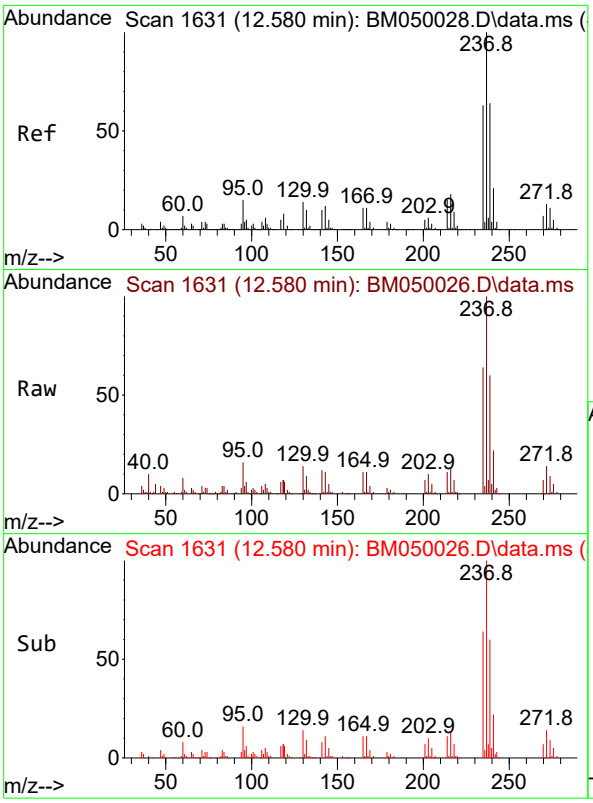


#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.981 ng
RT: 12.604 min Scan# 1635
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:216 Resp: 197943

Ion	Ratio	Lower	Upper
216	100		
214	77.7	62.3	93.5
179	20.0	15.4	23.0
108	15.3	11.7	17.5

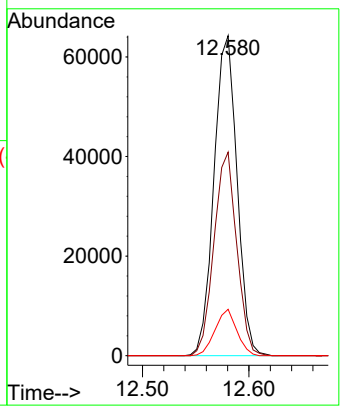




#41
Hexachlorocyclopentadiene
Concen: 7.166 ng
RT: 12.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:237 Resp: 9652

Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.9	82.9
272	14.5	0.0	32.9



Instrument :
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ClientSampleId :
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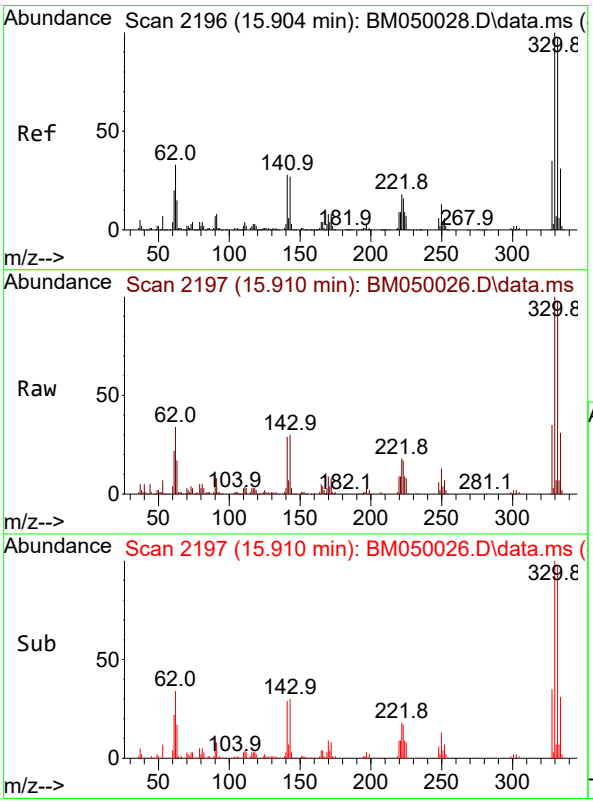
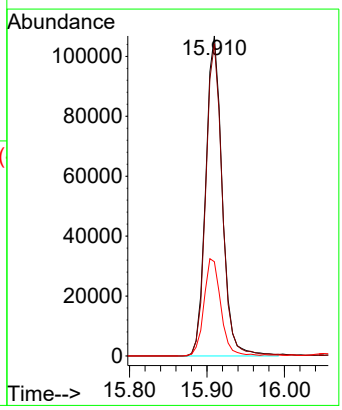
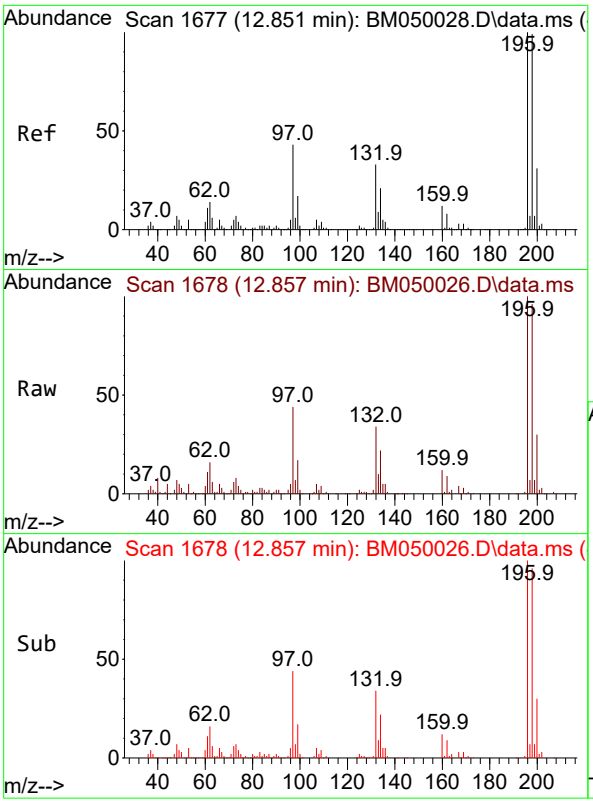


#42
2,4,6-Tribromophenol
Concen: 16.820 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:330 Resp: 158339

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	31.1	22.5	33.7

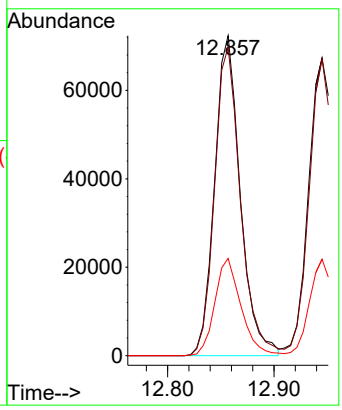




#43
2,4,6-Trichlorophenol
Concen: 8.673 ng
RT: 12.857 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:196 Resp: 12124

Ion	Ratio	Lower	Upper
196	100		
198	96.5	79.0	118.6
200	30.4	25.1	37.7



Instrument :
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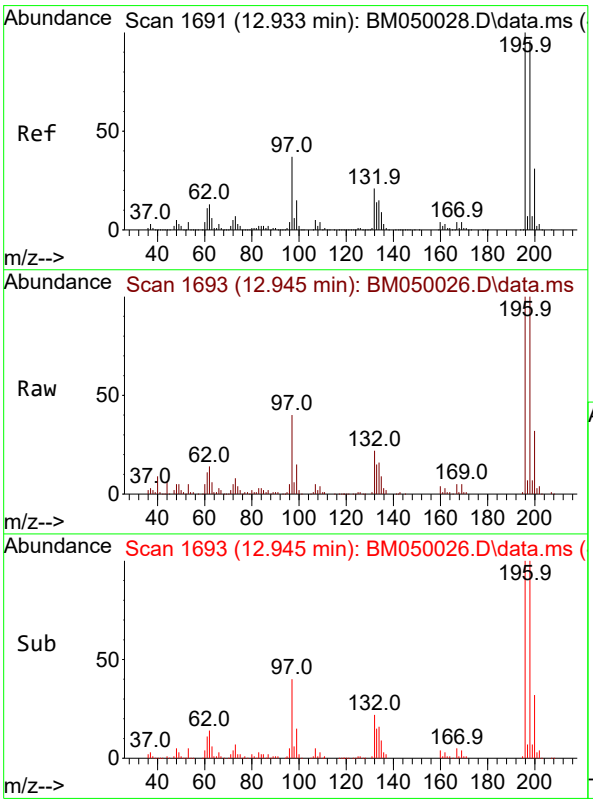
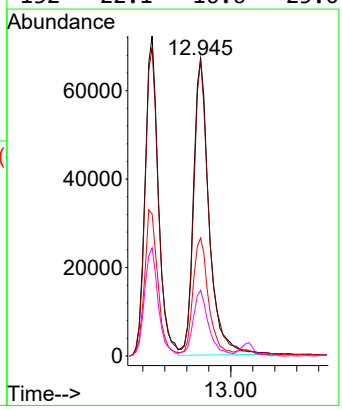
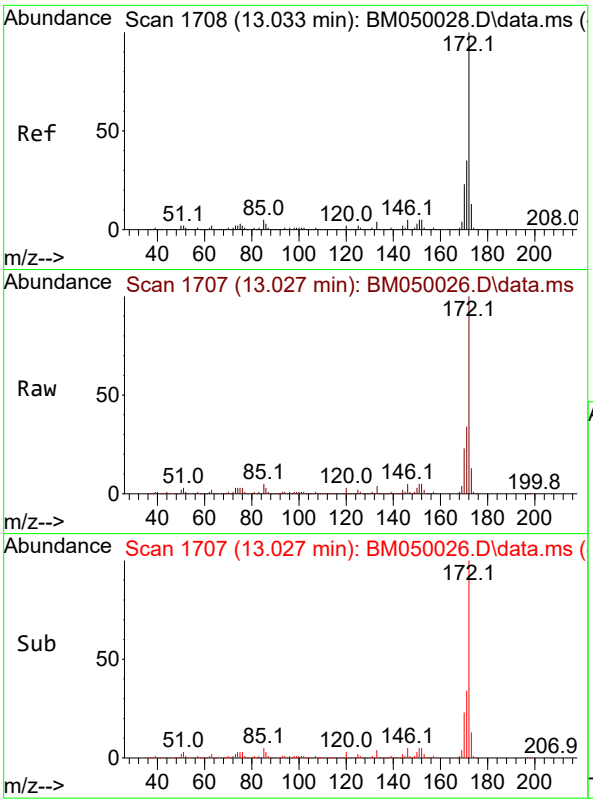


#44
2,4,5-Trichlorophenol
Concen: 8.815 ng
RT: 12.945 min Scan# 1693
Delta R.T. 0.012 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:196 Resp: 132882

Ion	Ratio	Lower	Upper
196	100		
198	99.7	76.7	115.1
97	39.6	30.1	45.1
132	22.1	16.6	25.0

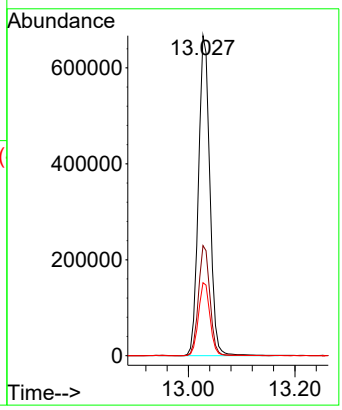




#45
2-Fluorobiphenyl
Concen: 18.394 ng
RT: 13.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:172 Resp: 98991

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.6
170	22.8	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
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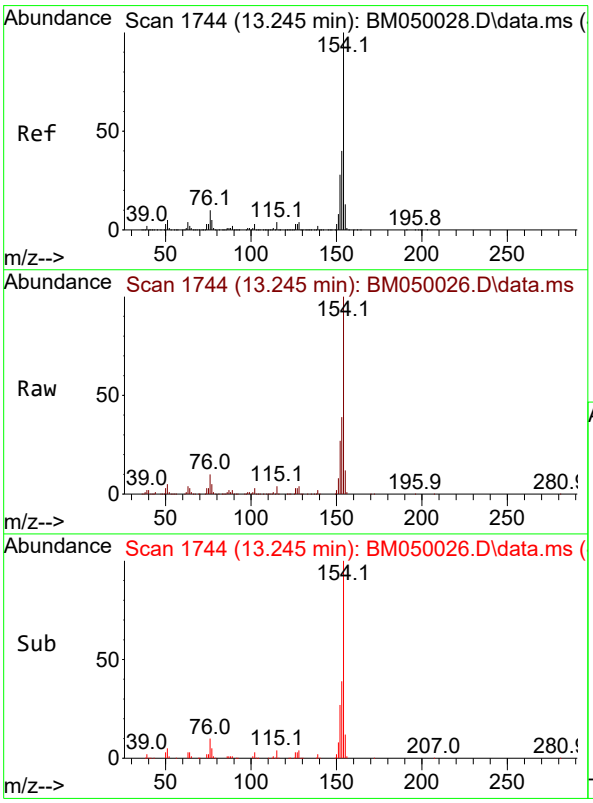
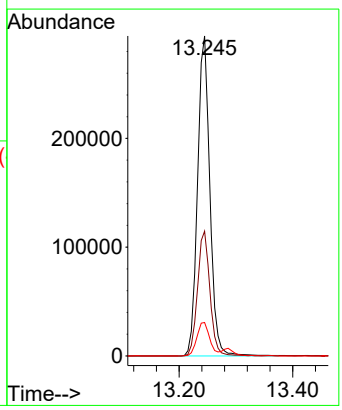
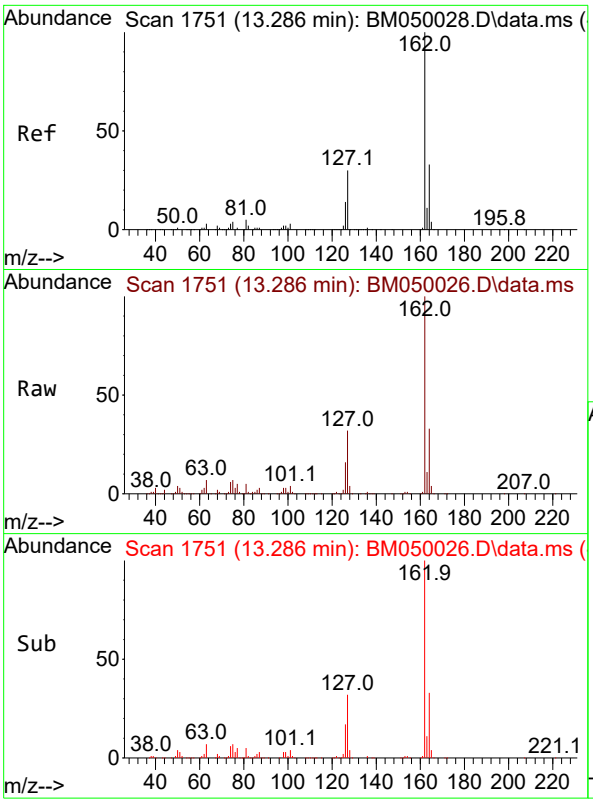


#46
1,1'-Biphenyl
Concen: 9.381 ng
RT: 13.245 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:154 Resp: 443960

Ion	Ratio	Lower	Upper
154	100		
153	39.0	20.0	60.0
76	10.4	0.0	30.3

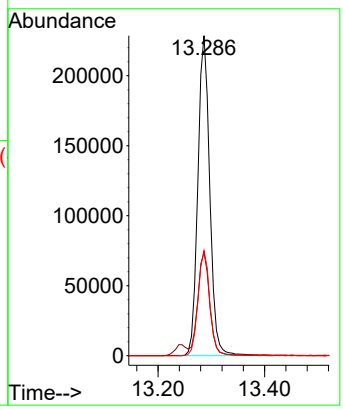




#47
2-Chloronaphthalene
Concen: 9.447 ng
RT: 13.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:162 Resp: 35410

Ion	Ratio	Lower	Upper
162	100		
127	32.3	25.9	38.9
164	32.8	26.6	40.0



Instrument :
BNA_M
ClientSampleId :
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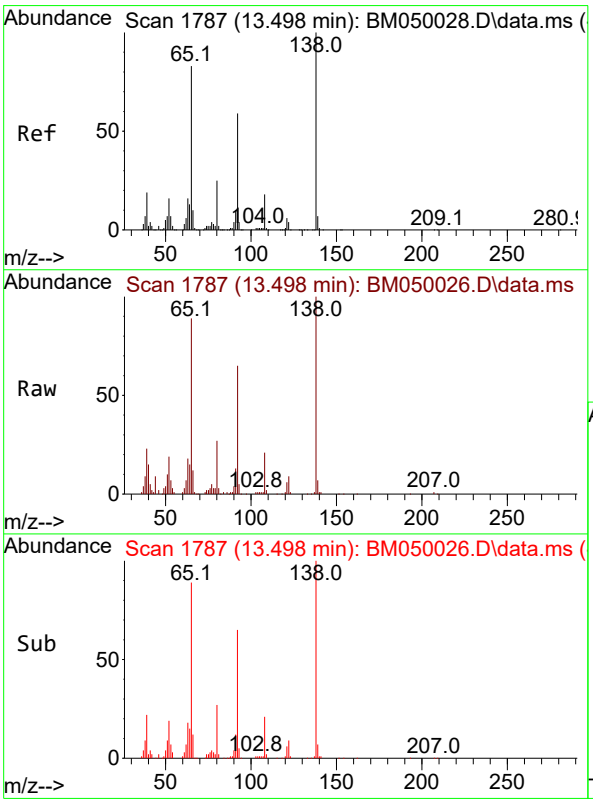
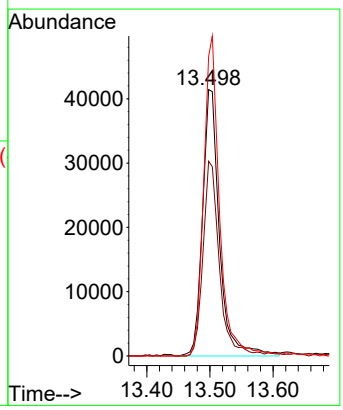
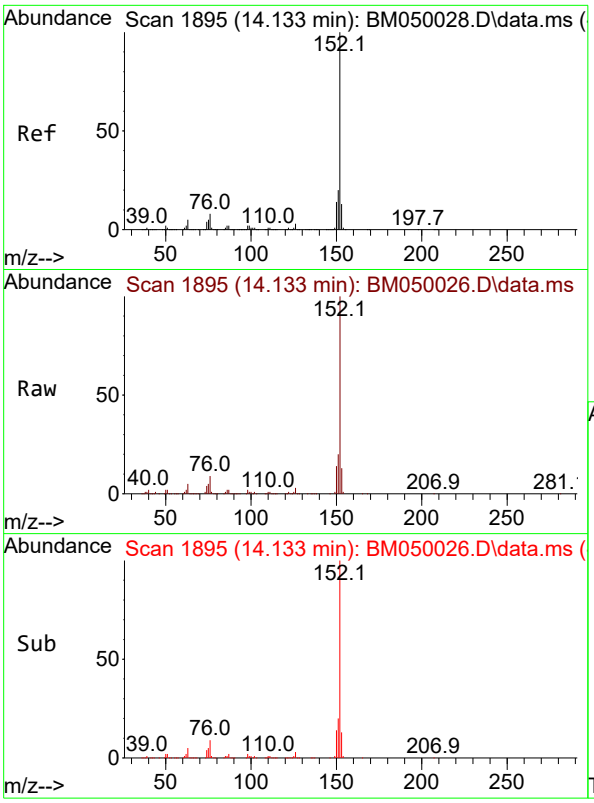


#48
2-Nitroaniline
Concen: 8.764 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 65 Resp: 77101

Ion	Ratio	Lower	Upper
65	100		
92	73.1	57.1	85.7
138	112.5	97.0	145.4





#49
Acenaphthylene
Concen: 9.235 ng
RT: 14.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:152 Resp: 54577

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.2	10.6	15.8

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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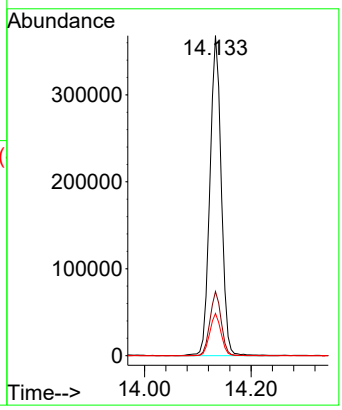
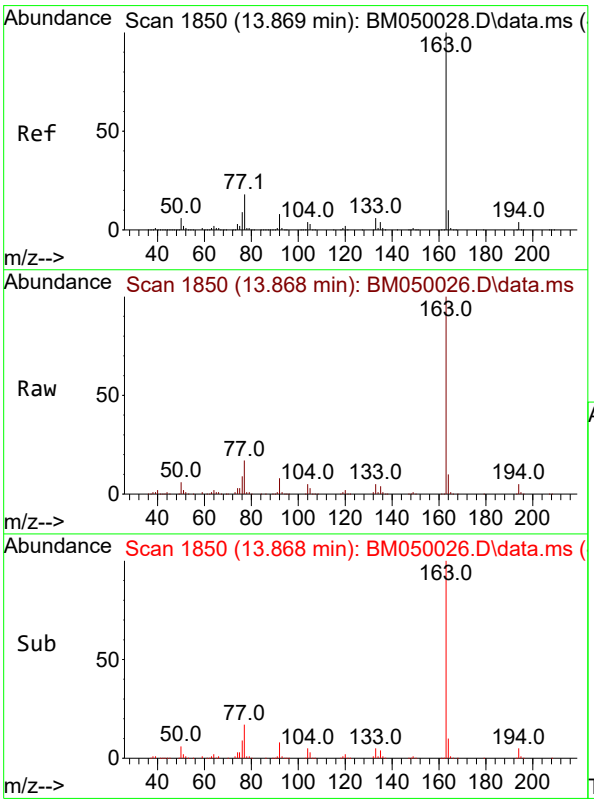
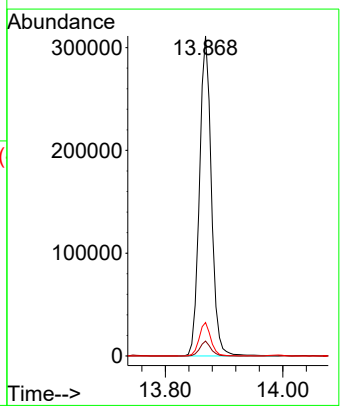


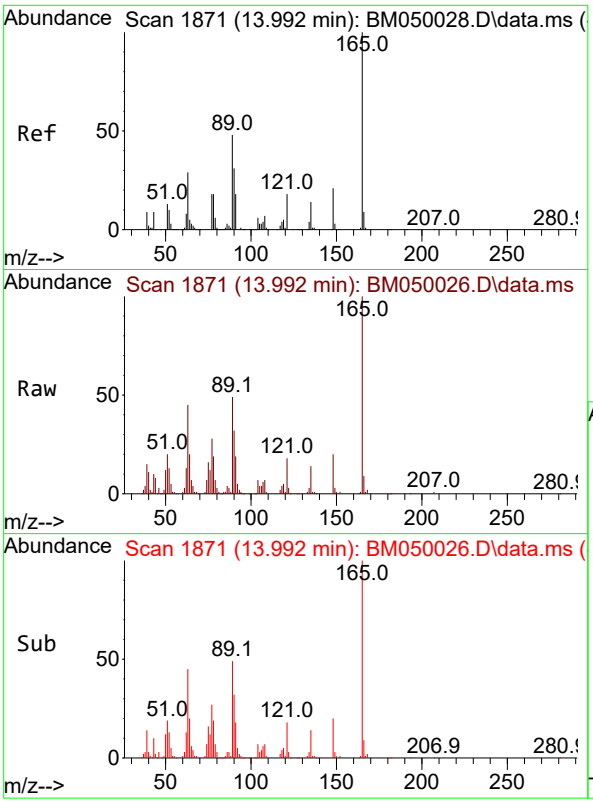


#50
Dimethylphthalate
Concen: 9.419 ng
RT: 13.868 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:163 Resp: 438261

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.5	8.2	12.2

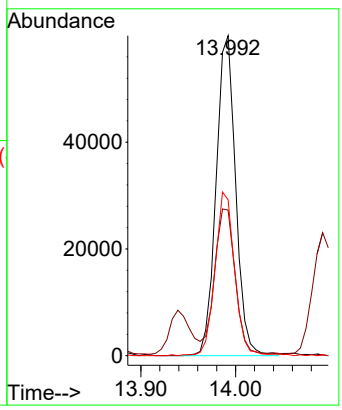




#51
2,6-Dinitrotoluene
Concen: 8.953 ng
RT: 13.992 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:165 Resp: 8624

Ion	Ratio	Lower	Upper
165	100		
63	45.5	35.1	52.7
89	48.7	38.4	57.6



Instrument :
BNA_M
ClientSampleId :
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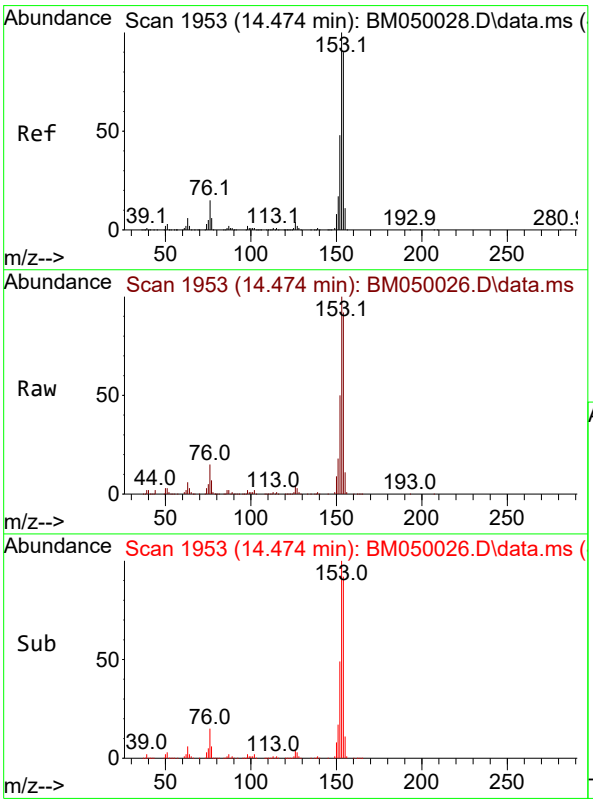
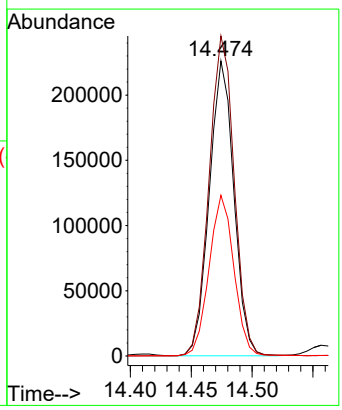
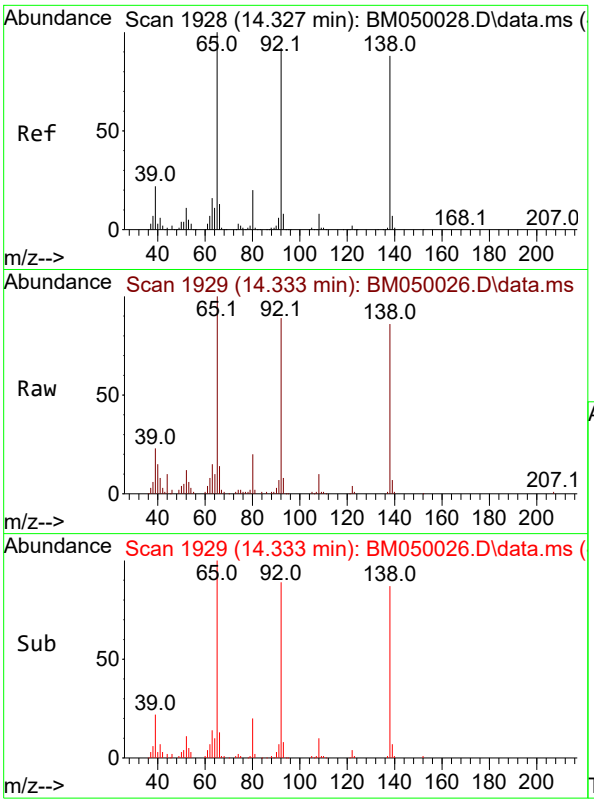


#52
Acenaphthene
Concen: 9.288 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:154 Resp: 317735

Ion	Ratio	Lower	Upper
154	100		
153	108.5	89.0	133.4
152	54.5	43.0	64.6

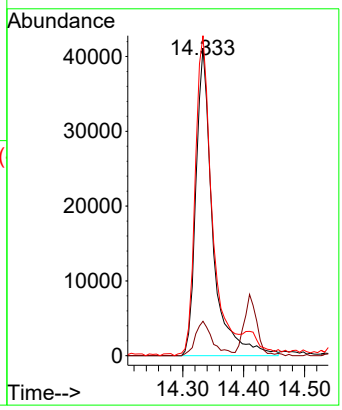




#53
3-Nitroaniline
Concen: 8.559 ng
RT: 14.333 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:138 Resp: 7872

Ion	Ratio	Lower	Upper
138	100		
108	11.2	7.4	11.2
92	104.0	84.0	126.0



Instrument :
BNA_M
ClientSampleId :
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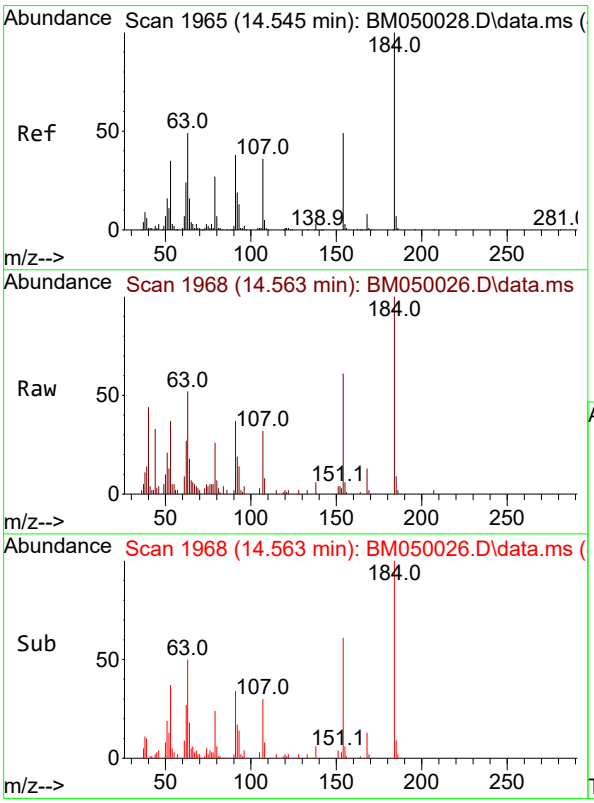
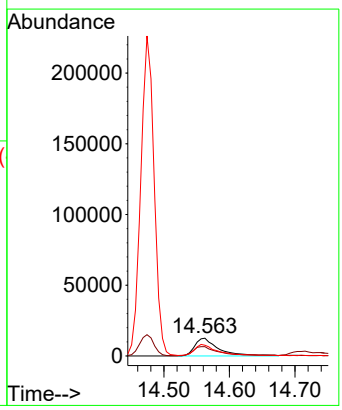
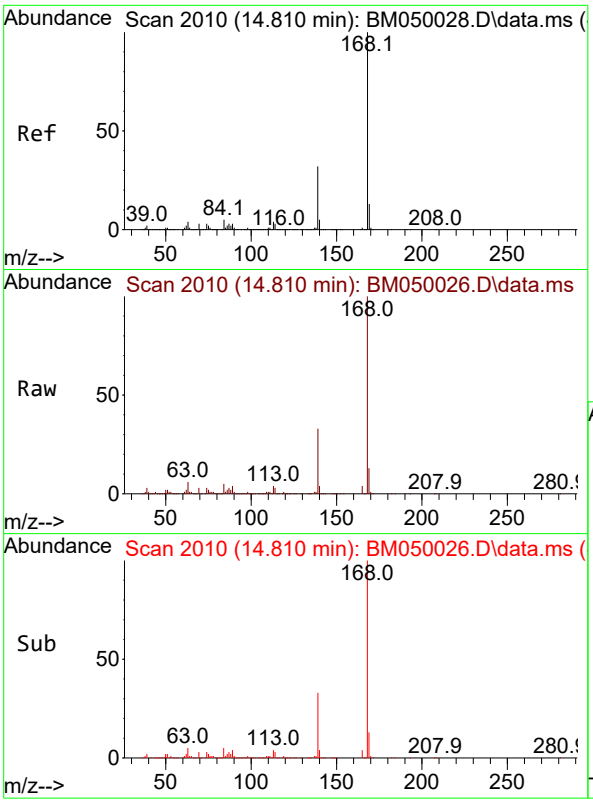


#54
2,4-Dinitrophenol
Concen: 10.558 ng
RT: 14.563 min Scan# 1968
Delta R.T. 0.018 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:184 Resp: 31979

Ion	Ratio	Lower	Upper
184	100		
63	52.1	39.8	59.6
154	60.9	46.1	69.1

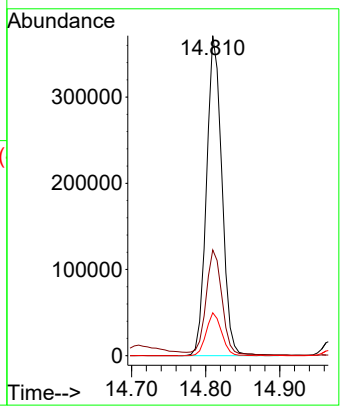




#55
Dibenzofuran
Concen: 9.401 ng
RT: 14.810 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:168 Resp: 53502

Ion	Ratio	Lower	Upper
168	100		
139	33.0	26.1	39.1
169	13.4	10.8	16.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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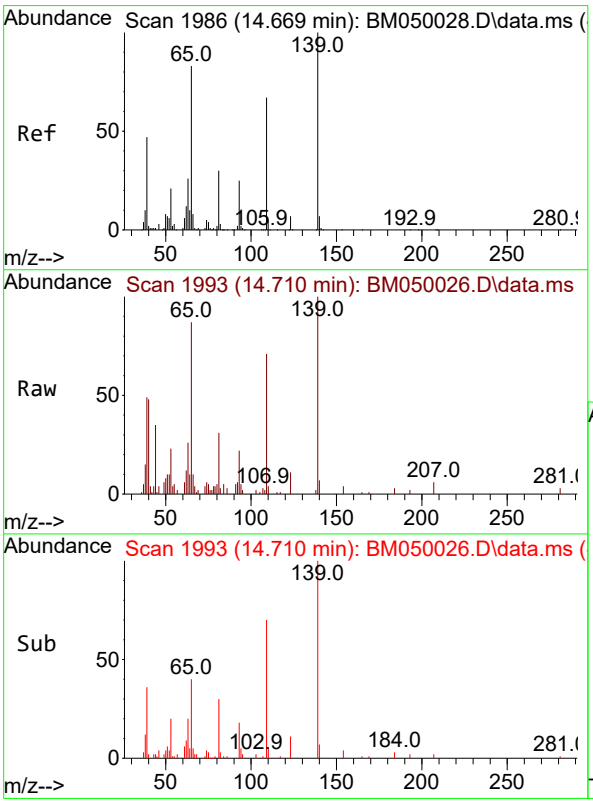
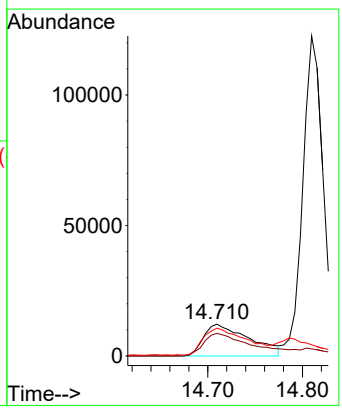
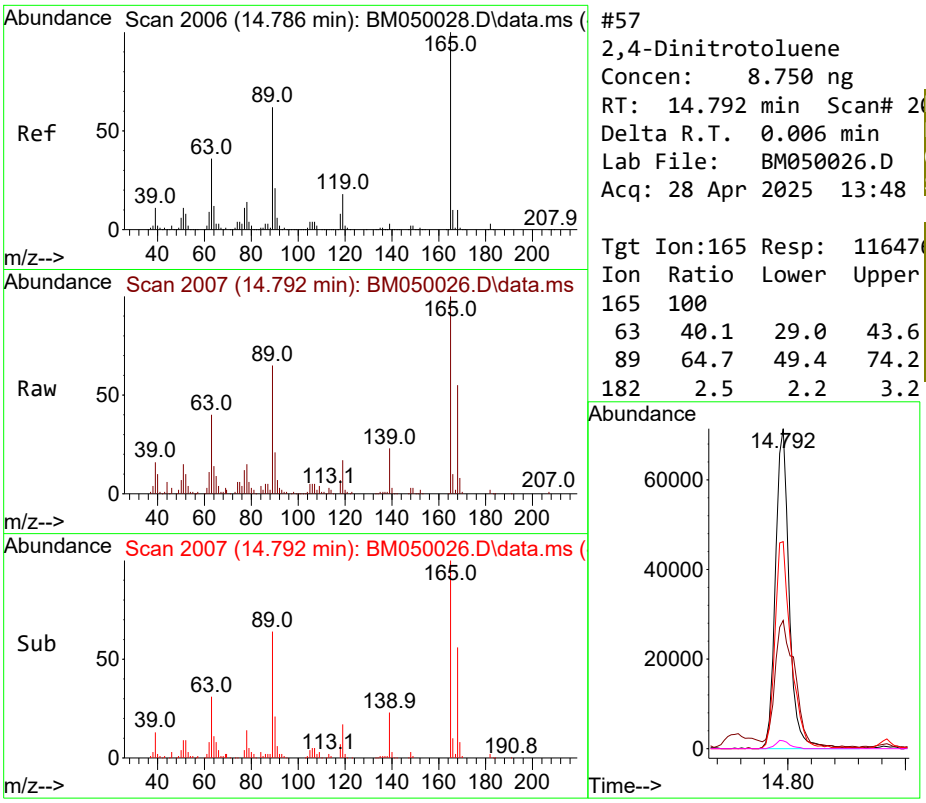


#56
4-Nitrophenol
Concen: 9.668 ng
RT: 14.710 min Scan# 1993
Delta R.T. 0.041 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:139 Resp: 40722

Ion	Ratio	Lower	Upper
139	100		
109	70.7	47.0	87.0
65	87.5	64.3	104.3





#57
2,4-Dinitrotoluene
Concen: 8.750 ng
RT: 14.792 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:165 Resp: 11647

Ion	Ratio	Lower	Upper
165	100		
63	40.1	29.0	43.6
89	64.7	49.4	74.2
182	2.5	2.2	3.2

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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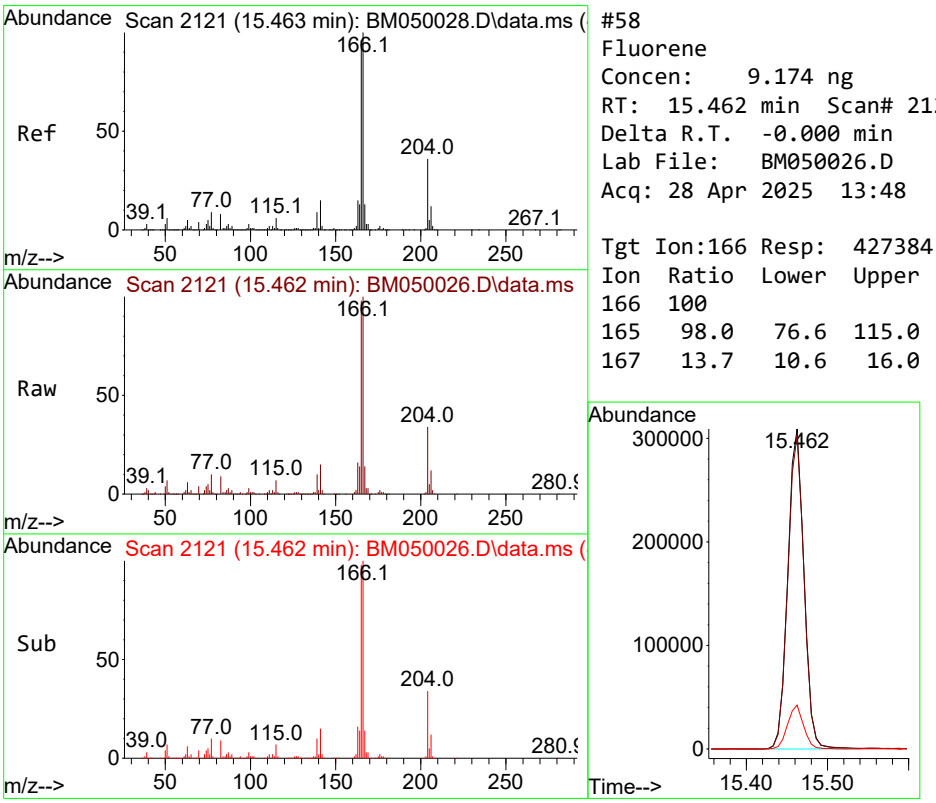
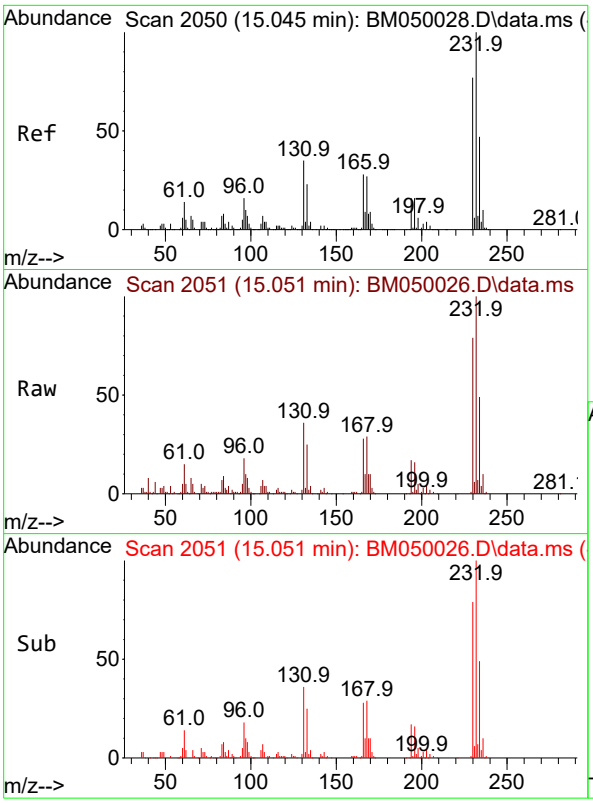
Supervised By :Jagrut Upadhyay 04/29/2025



#58
Fluorene
Concen: 9.174 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:166 Resp: 427384

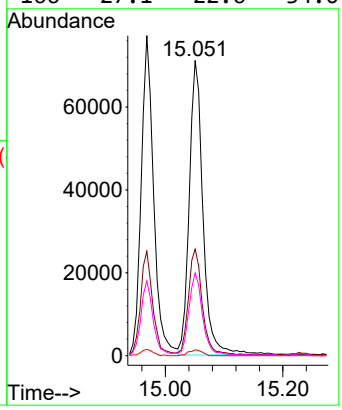
Ion	Ratio	Lower	Upper
166	100		
165	98.0	76.6	115.0
167	13.7	10.6	16.0



#59
2,3,4,6-Tetrachlorophenol
Concen: 8.828 ng
RT: 15.051 min Scan# 2(
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:232 Resp: 11518

Ion	Ratio	Lower	Upper
232	100		
131	36.2	28.2	42.4
130	2.0	1.5	2.3
166	27.1	22.6	34.0



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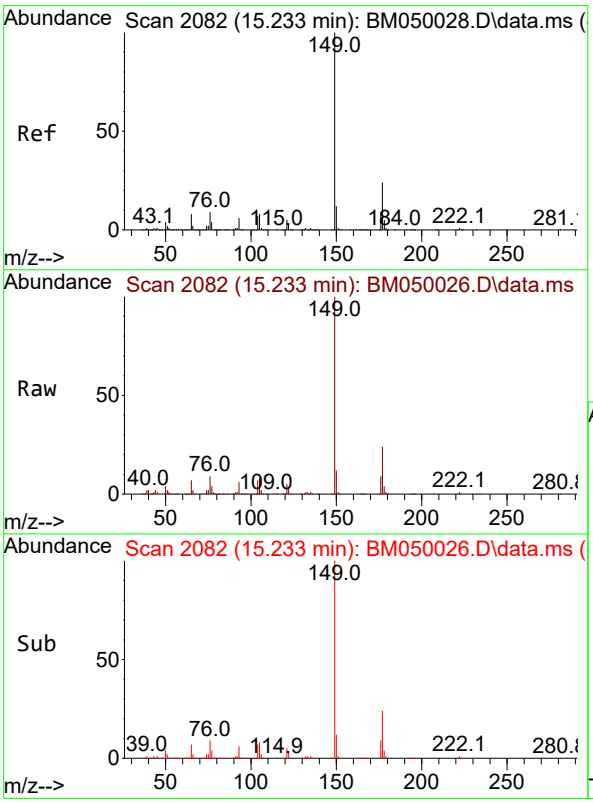
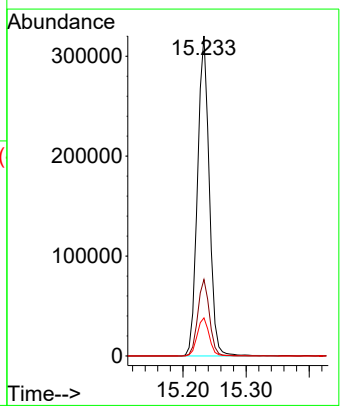
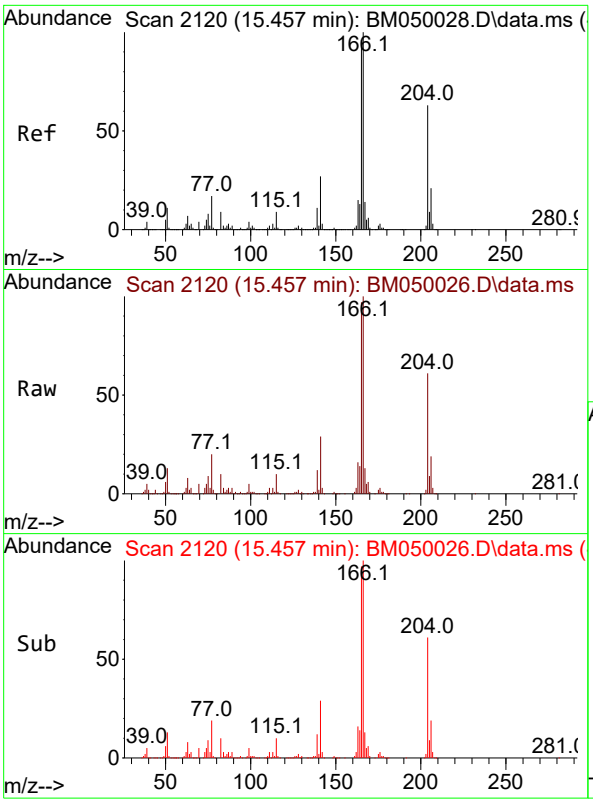


#60
Diethylphthalate
Concen: 9.447 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:149 Resp: 414149

Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.1	28.7
150	11.9	9.6	14.4

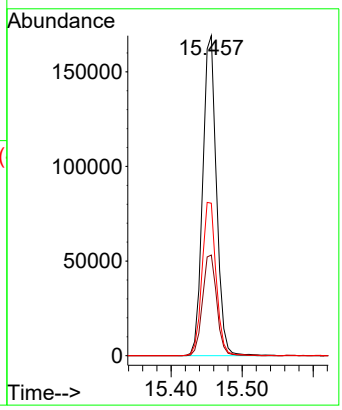




#61
4-Chlorophenyl-phenylether
Concen: 8.908 ng
RT: 15.457 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:204 Resp: 22792

Ion	Ratio	Lower	Upper
204	100		
206	31.4	26.3	39.5
141	47.6	34.0	51.0



Instrument :
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ClientSampleId :
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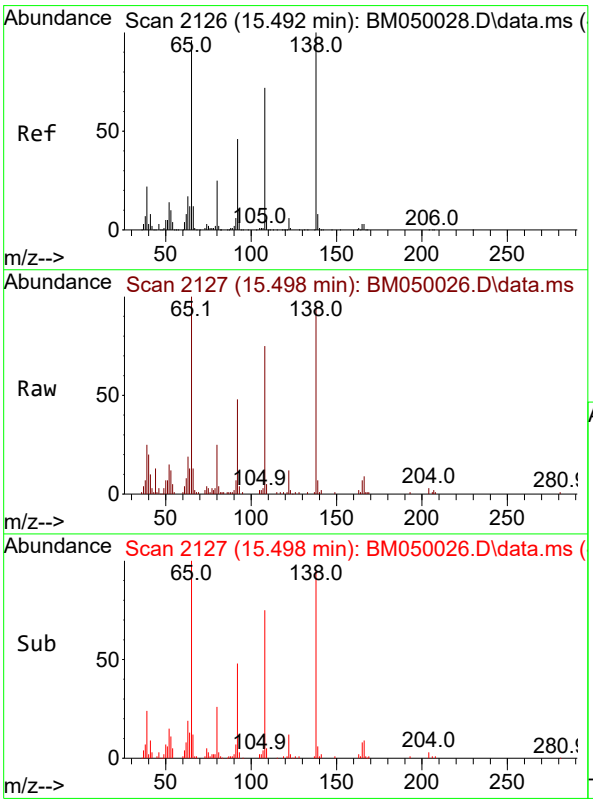
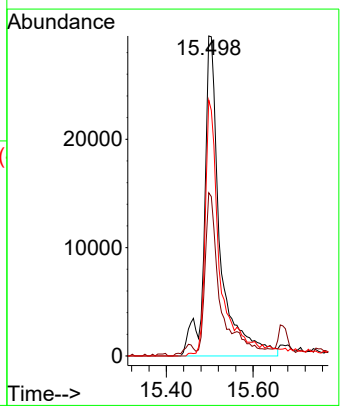
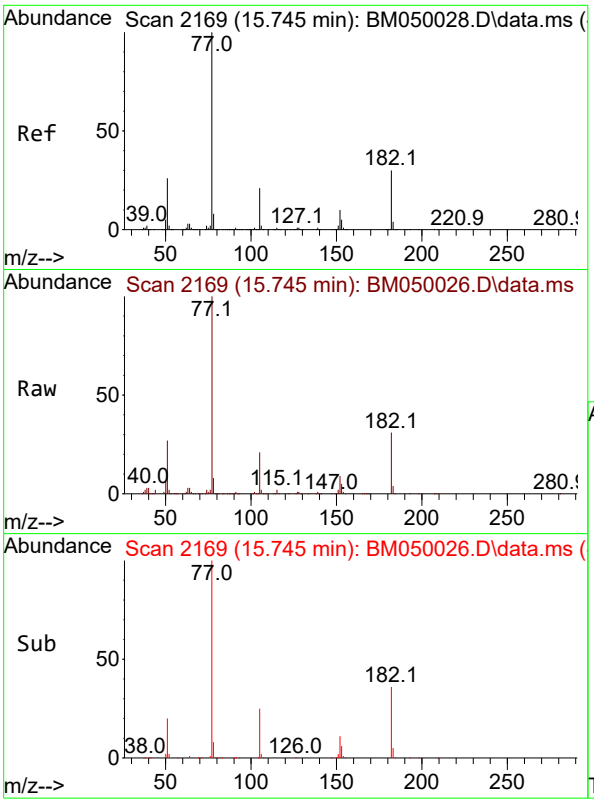


#62
4-Nitroaniline
Concen: 8.397 ng m
RT: 15.498 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:138 Resp: 74565

Ion	Ratio	Lower	Upper
138	100		
92	51.0	25.9	65.9
108	80.0	52.4	92.4

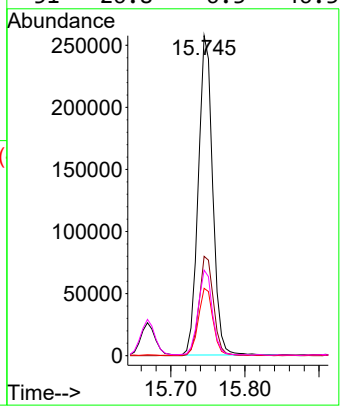




#63
Azobenzene
Concen: 9.454 ng
RT: 15.745 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 77 Resp: 34734

Ion	Ratio	Lower	Upper
77	100		
182	31.0	10.5	50.5
105	21.0	1.1	41.1
51	26.8	6.3	46.3



Instrument :
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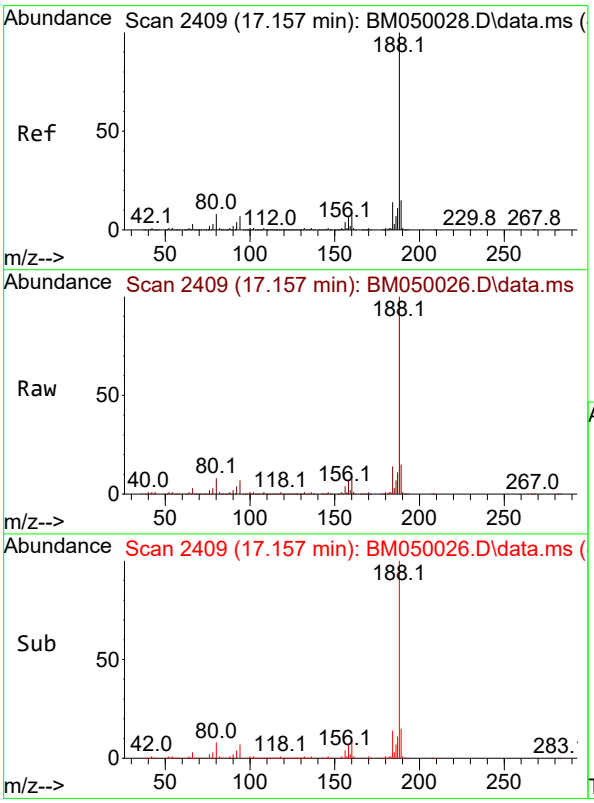
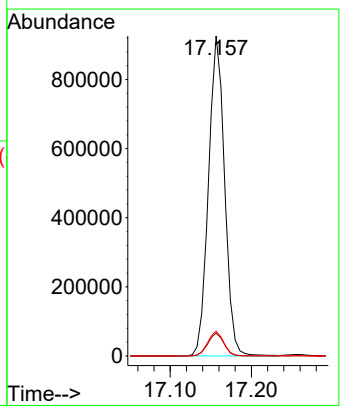
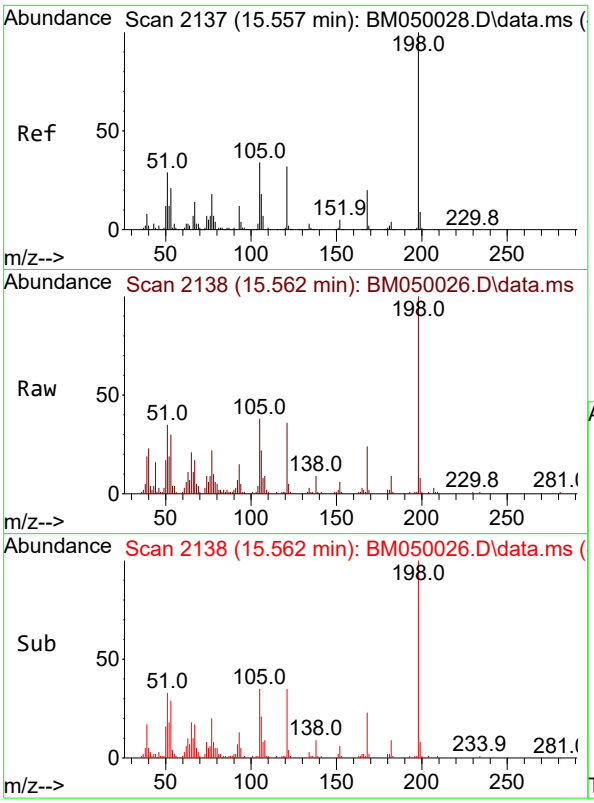


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:188 Resp: 1274608

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.7	8.5
80	7.8	6.2	9.4

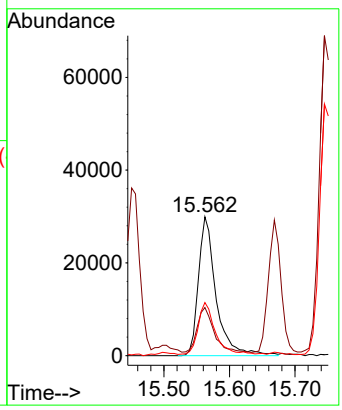




#65
4,6-Dinitro-2-methylphenol
Concen: 7.042 ng
RT: 15.562 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:198 Resp: 5618

Ion	Ratio	Lower	Upper
198	100		
51	34.7	10.4	50.4
105	38.2	14.6	54.6



Instrument :
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ClientSampleId :
SSTDICC010

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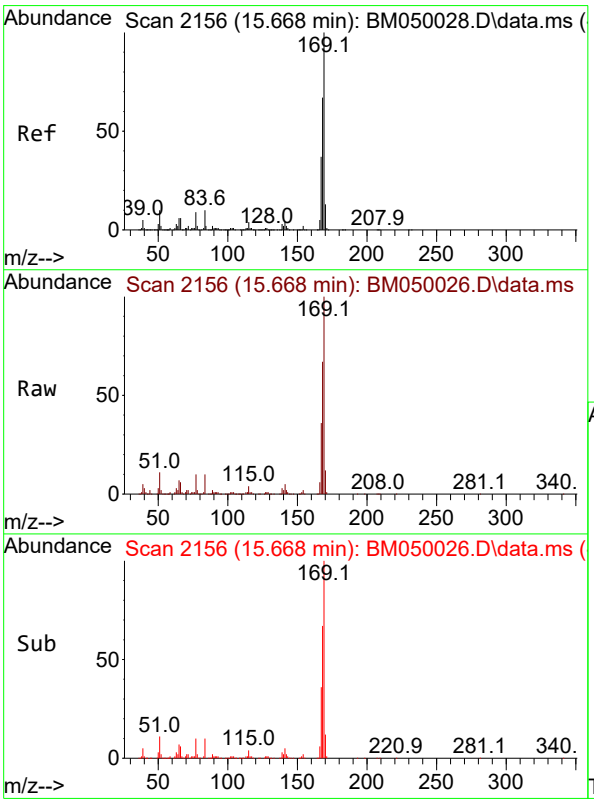
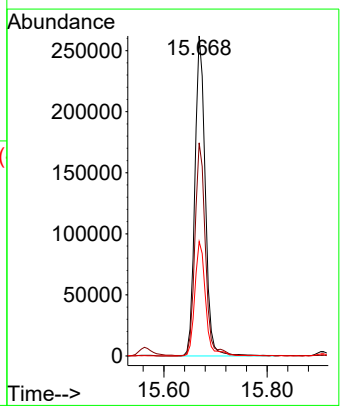
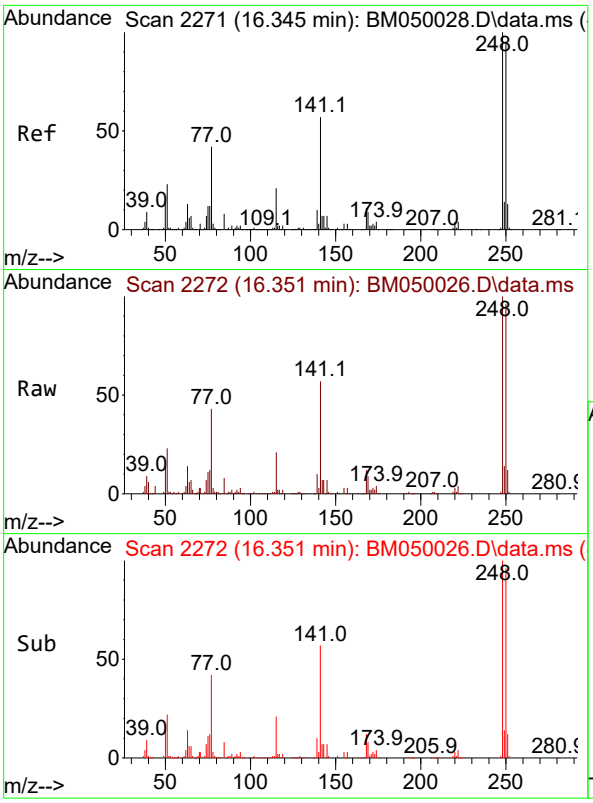


#66
n-Nitrosodiphenylamine
Concen: 9.315 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:169 Resp: 364601

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.4	80.2
167	35.8	29.4	44.0

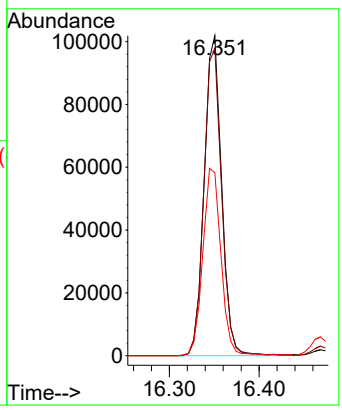




#67
4-Bromophenyl-phenylether
Concen: 8.923 ng
RT: 16.351 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:248 Resp: 13753

Ion	Ratio	Lower	Upper
248	100		
250	96.1	76.2	114.2
141	57.1	45.9	68.9



Instrument :
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ClientSampleId :
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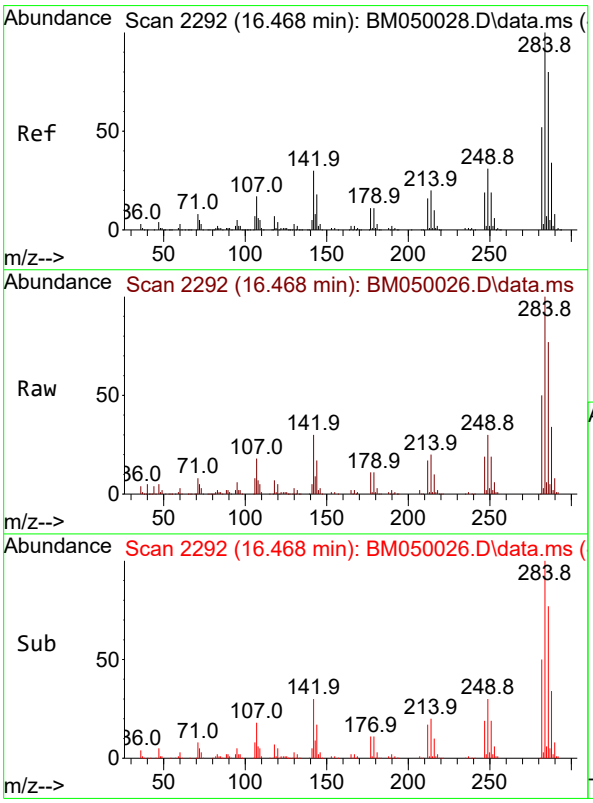
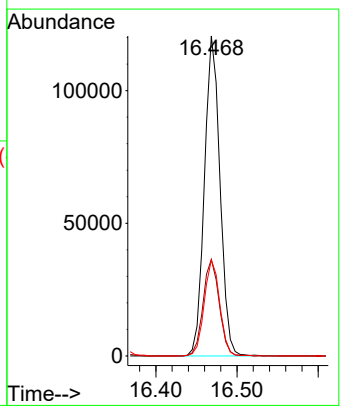
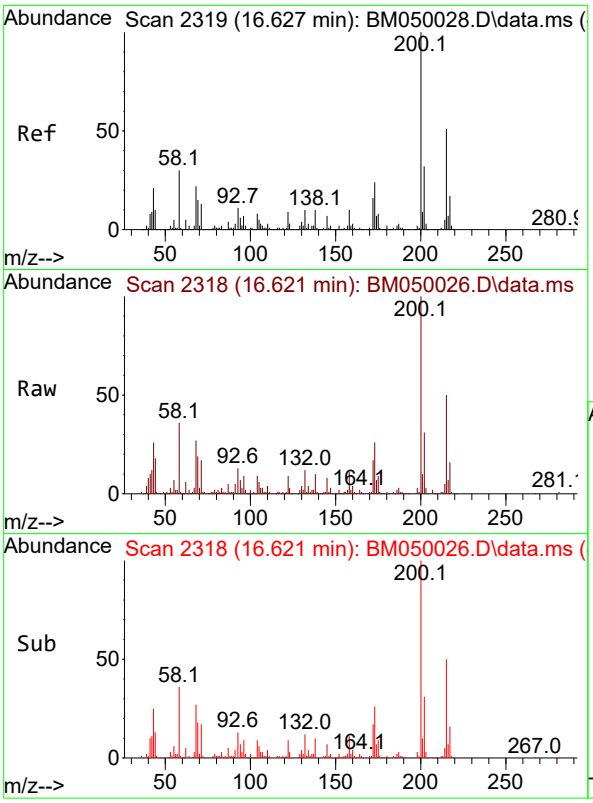


#68
Hexachlorobenzene
Concen: 9.016 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:284 Resp: 160195

Ion	Ratio	Lower	Upper
284	100		
142	30.1	23.9	35.9
249	30.0	24.5	36.7

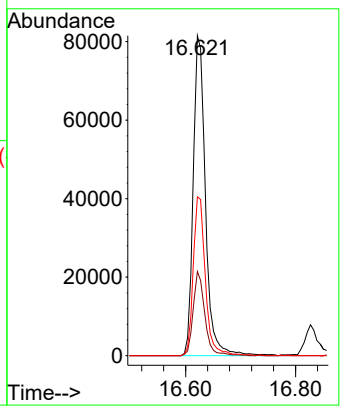




#69
Atrazine
Concen: 8.937 ng
RT: 16.621 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:200 Resp: 12616

Ion	Ratio	Lower	Upper
200	100		
173	26.3	4.3	44.3
215	49.6	30.6	70.6



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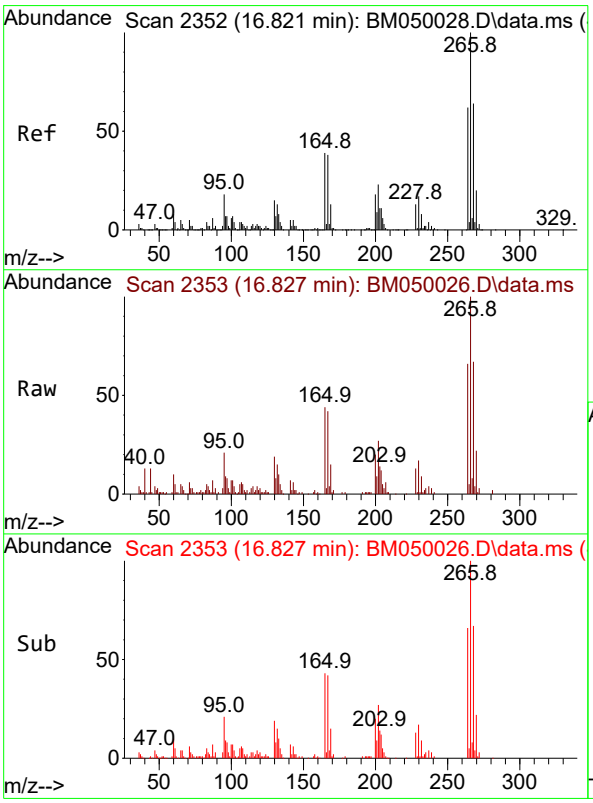
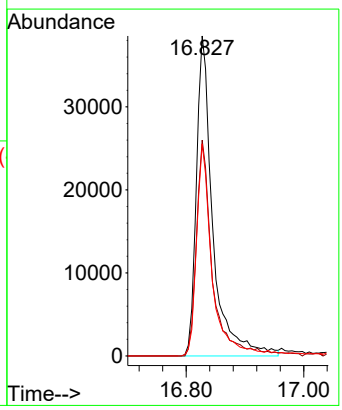
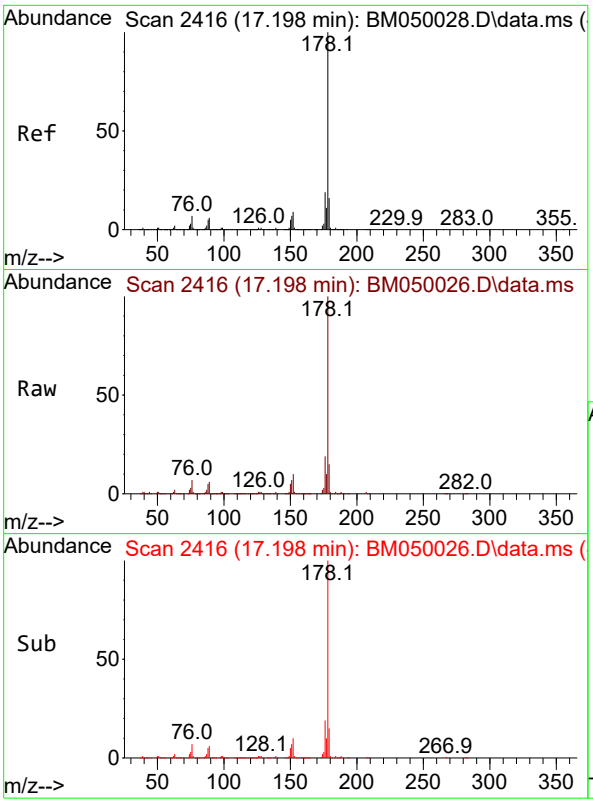


#70
Pentachlorophenol
Concen: 7.483 ng
RT: 16.827 min Scan# 2353
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:266 Resp: 74839

Ion	Ratio	Lower	Upper
266	100		
268	67.5	51.2	76.8
264	66.3	49.6	74.4

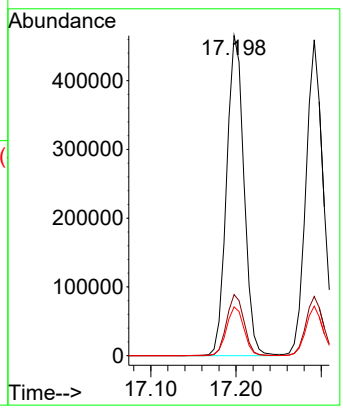




#71
Phenanthrene
Concen: 9.172 ng
RT: 17.198 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:178 Resp: 65937

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.3	12.4	18.6



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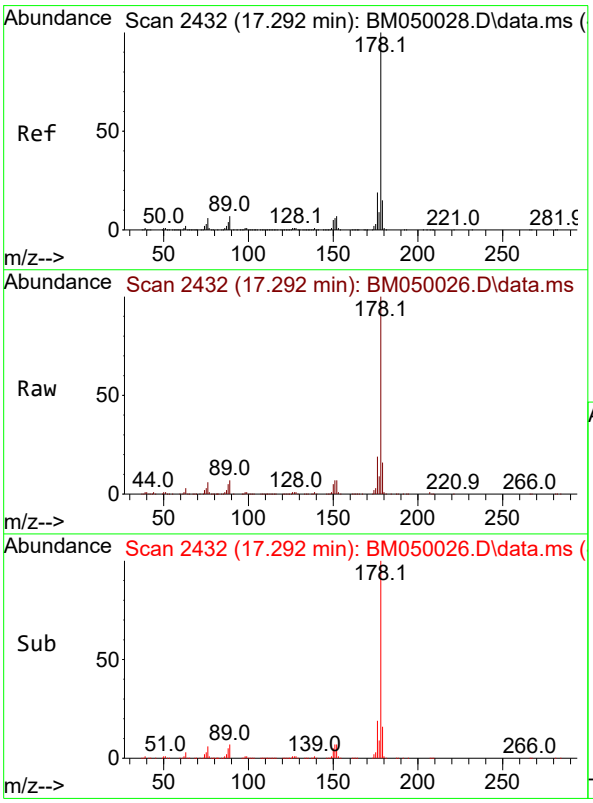
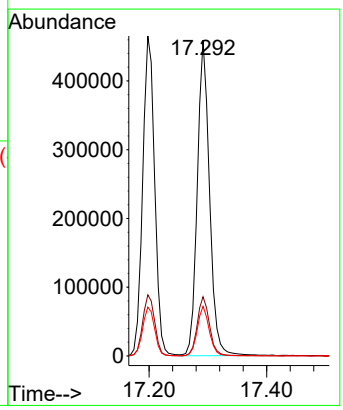
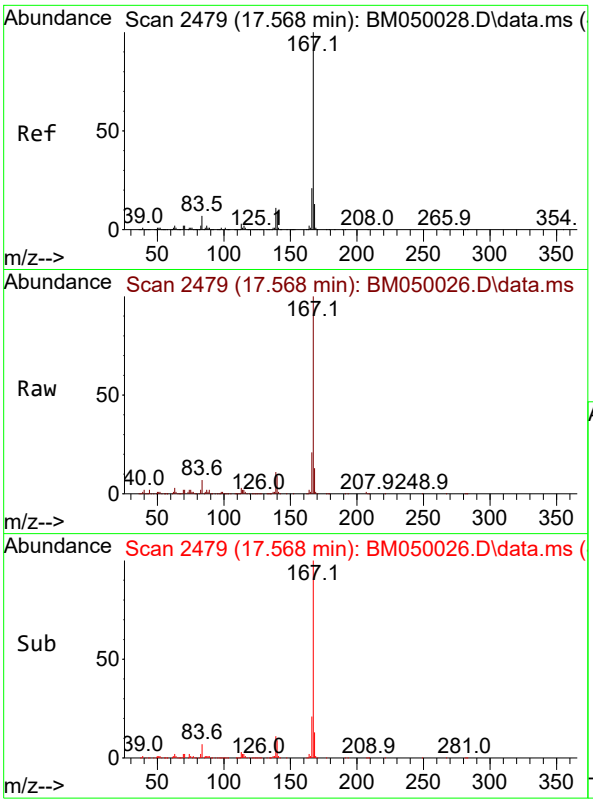


#72
Anthracene
Concen: 9.089 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:178 Resp: 661260

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.7	12.2	18.4

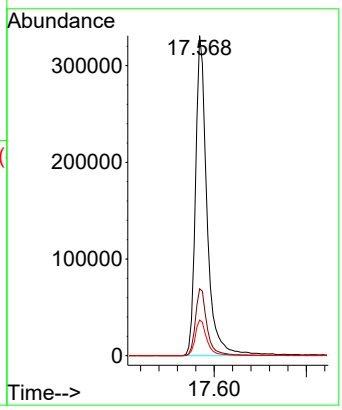




#73
Carbazole
Concen: 9.087 ng
RT: 17.568 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:167 Resp: 57366

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.2	25.8
139	11.2	9.0	13.6



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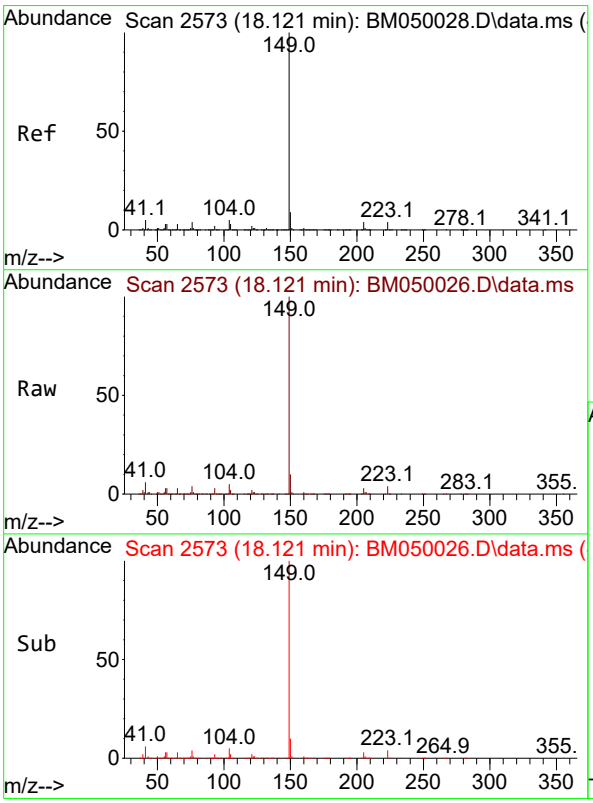
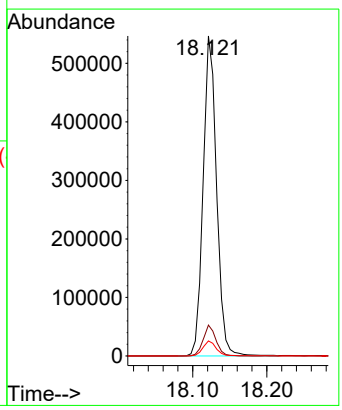
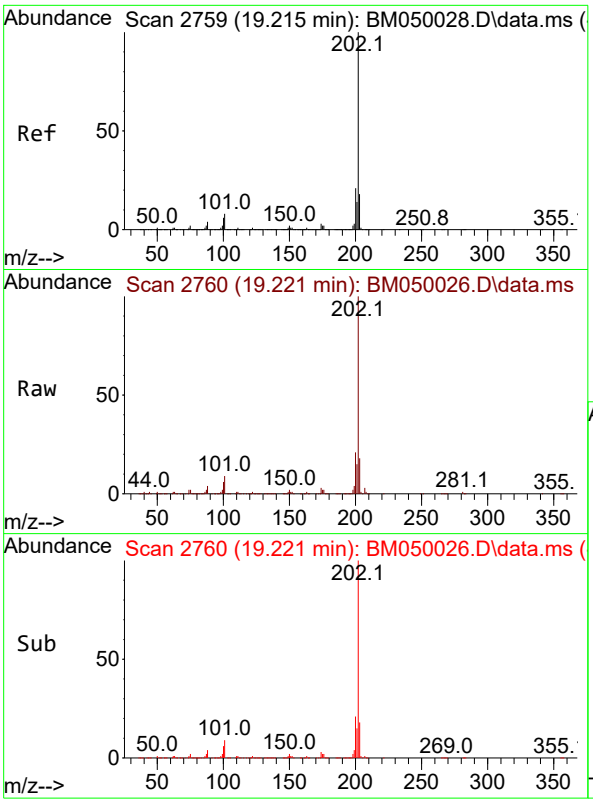


#74
Di-n-butylphthalate
Concen: 9.168 ng
RT: 18.121 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:149 Resp: 689248

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.3	10.9
104	4.7	3.8	5.6

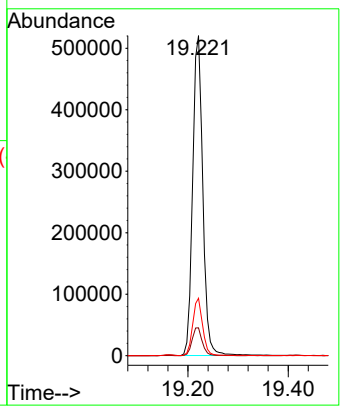




#75
Fluoranthene
Concen: 8.621 ng
RT: 19.221 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:202 Resp: 72760

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.0
203	18.0	0.0	37.7



Instrument :
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ClientSampleId :
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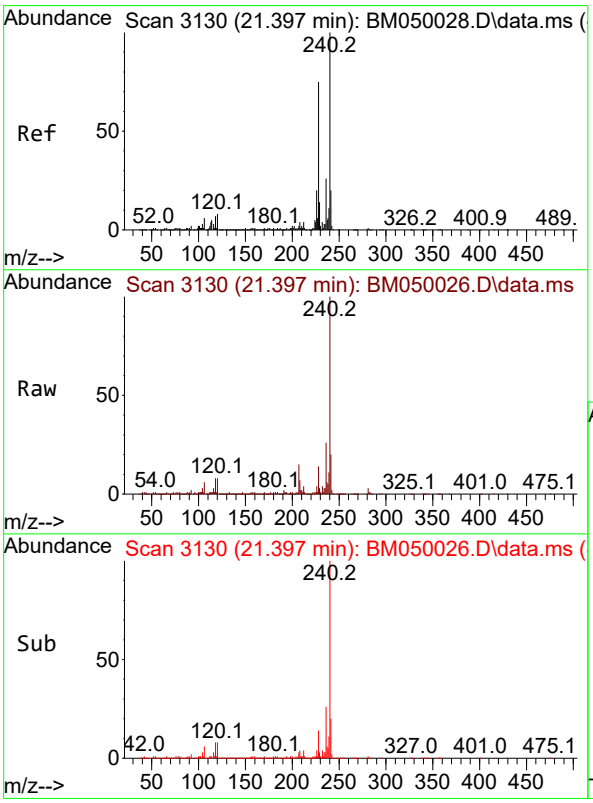
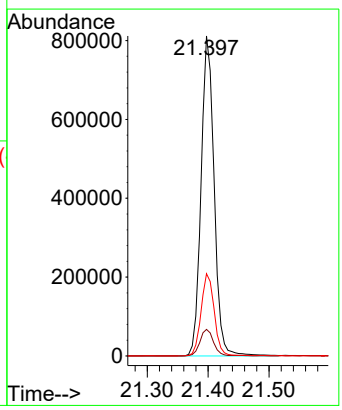
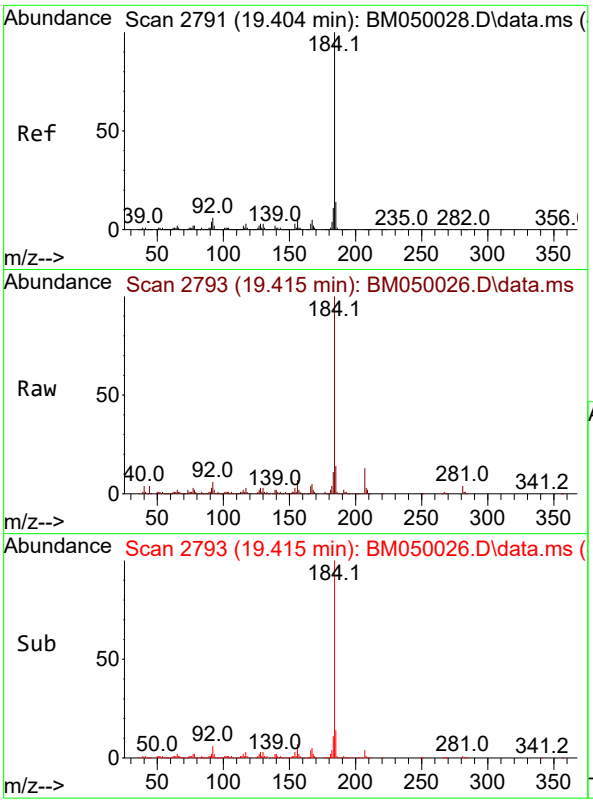


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:240 Resp: 1213581

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.5	9.7
236	25.7	20.9	31.3

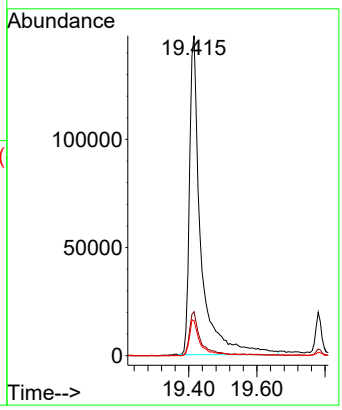




#77
Benzidine
Concen: 7.887 ng
RT: 19.415 min Scan# 2
Delta R.T. 0.011 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:184 Resp: 33997

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.5	17.3
183	11.0	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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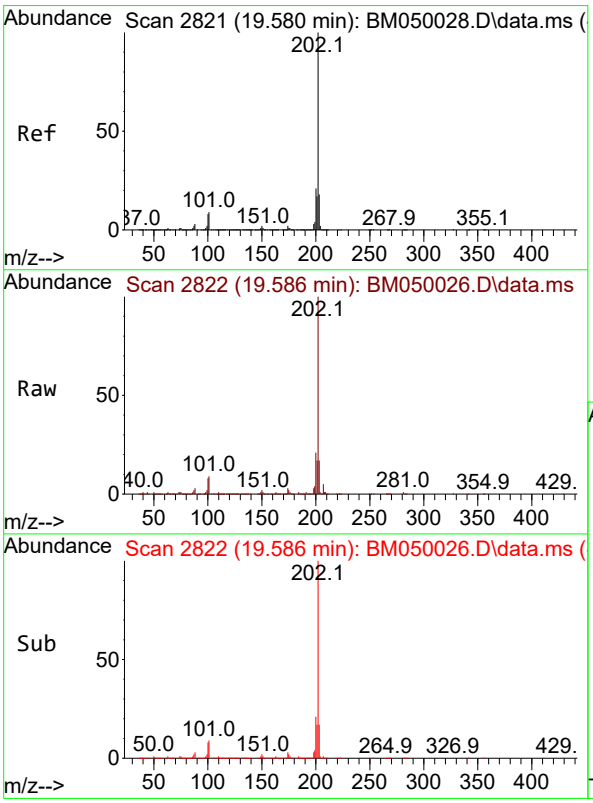
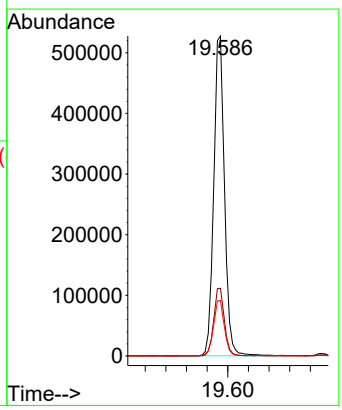
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

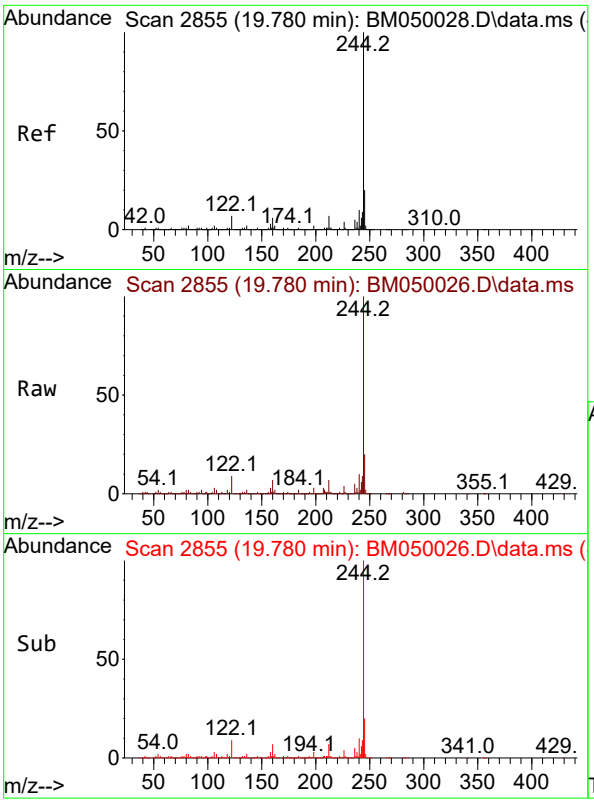


#78
Pyrene
Concen: 8.937 ng
RT: 19.586 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:202 Resp: 761625

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.3	14.1	21.1

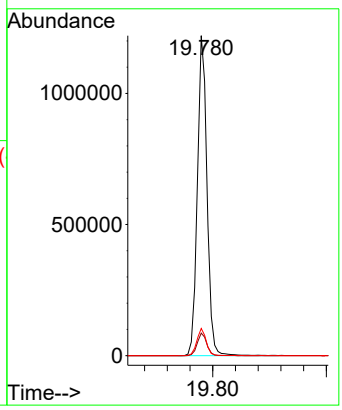




#79
Terphenyl-d14
Concen: 17.601 ng
RT: 19.780 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:244 Resp: 144352

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	8.5	5.6	8.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
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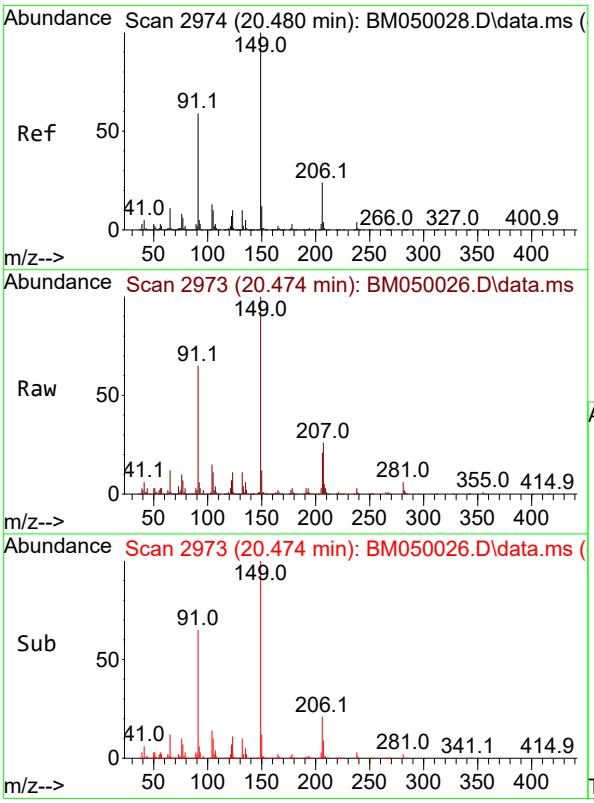
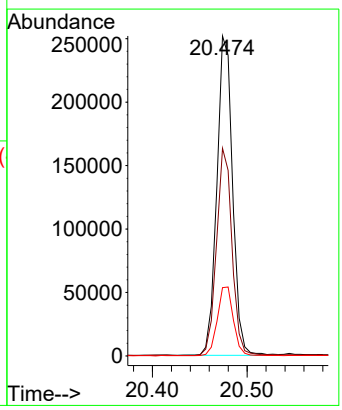
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

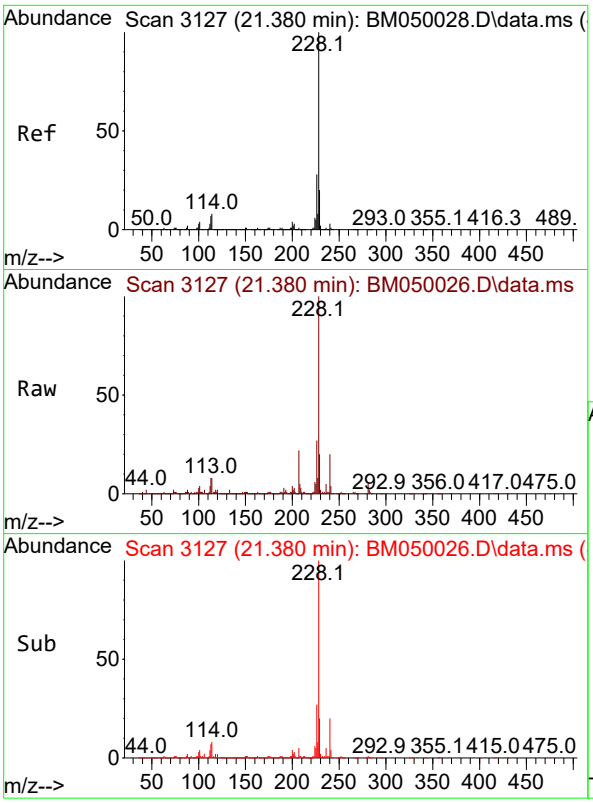


#80
Butylbenzylphthalate
Concen: 9.105 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:149 Resp: 290617

Ion	Ratio	Lower	Upper
149	100		
91	64.9	47.4	71.2
206	21.3	19.4	29.0

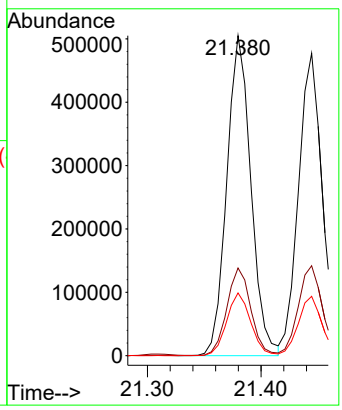




#81
Benzo(a)anthracene
Concen: 8.940 ng
RT: 21.380 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:228 Resp: 74712

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.1	33.1
229	19.6	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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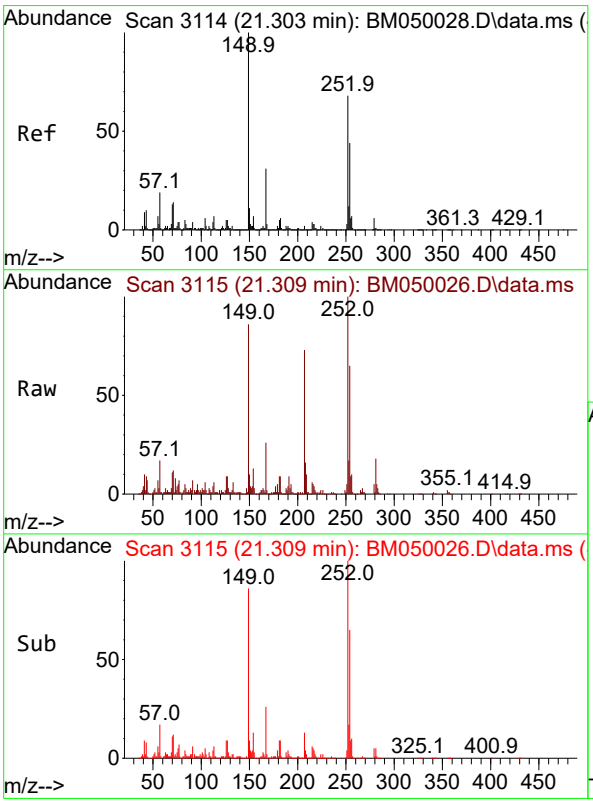
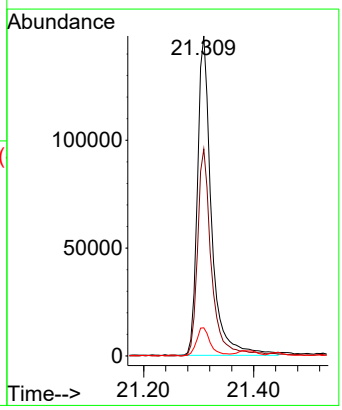
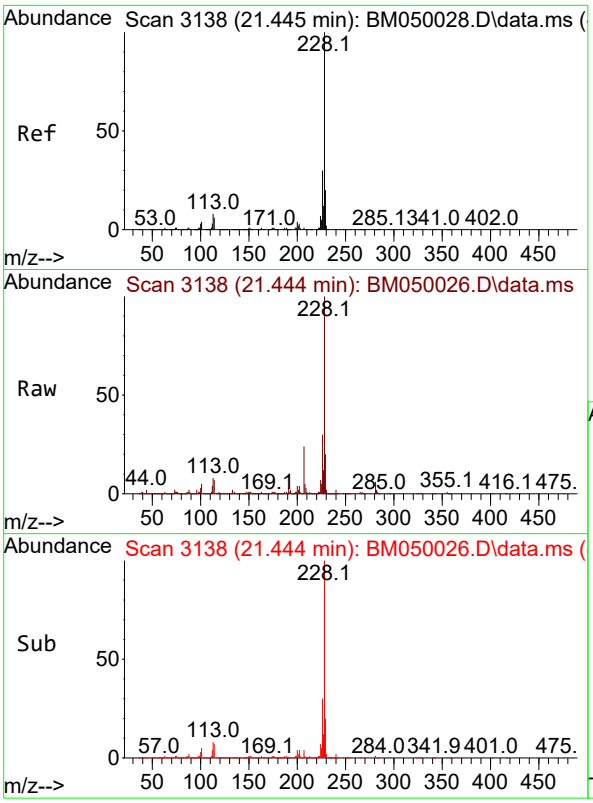


#82
3,3'-Dichlorobenzidine
Concen: 8.190 ng
RT: 21.309 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:252 Resp: 262017

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.8	77.6
126	8.8	6.0	9.0

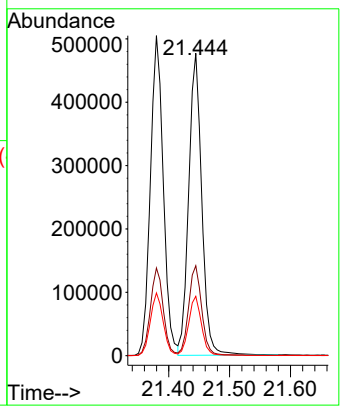




#83
Chrysene
Concen: 9.178 ng
RT: 21.444 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:228 Resp: 70986

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	19.6	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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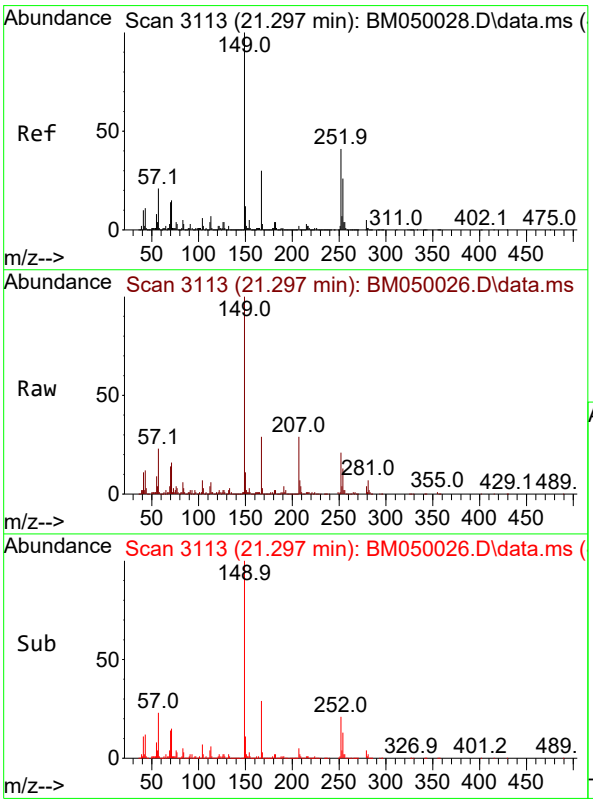
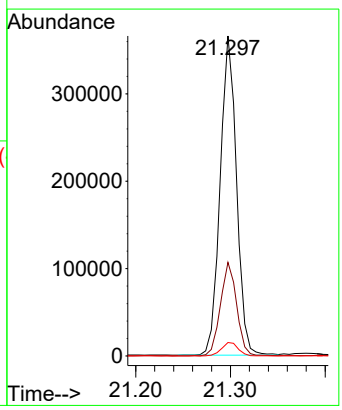
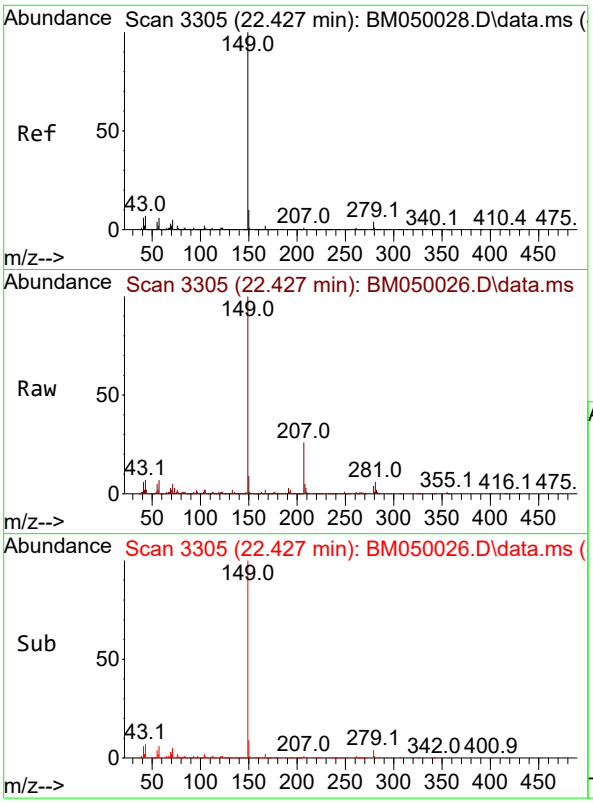


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.228 ng
RT: 21.297 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:149 Resp: 439949

Ion	Ratio	Lower	Upper
149	100		
167	29.3	24.1	36.1
279	4.2	3.9	5.9





#85
Di-n-octyl phthalate
Concen: 9.236 ng
RT: 22.427 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:149 Resp: 72620

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.7	5.8	8.8

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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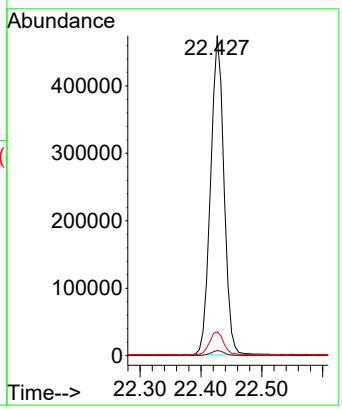
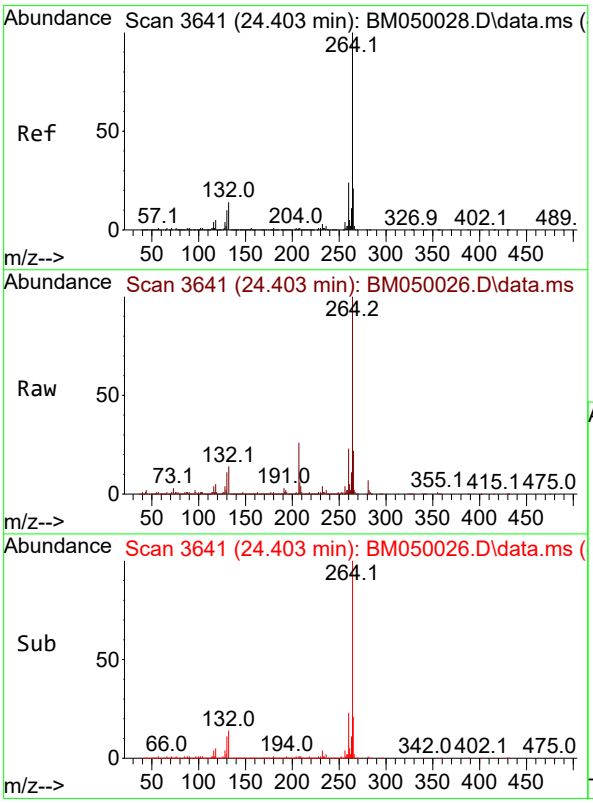
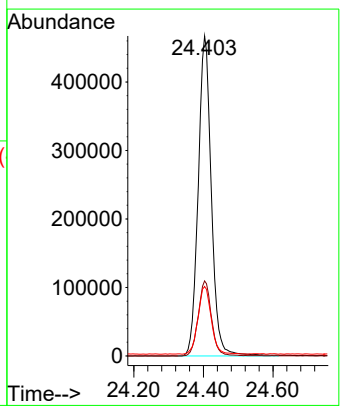


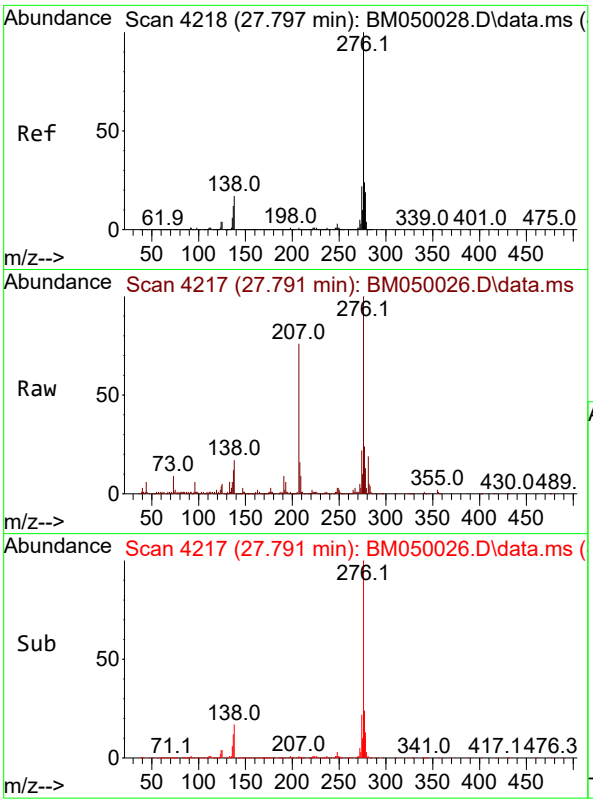


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:264 Resp: 1224339

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.7	17.0	25.4

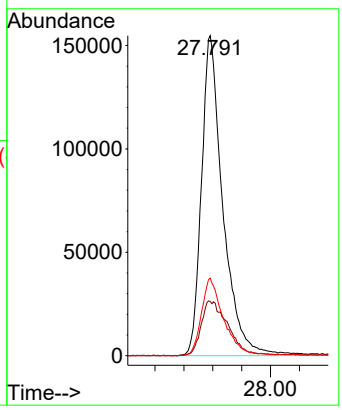




#87
Indeno(1,2,3-cd)pyrene
Concen: 8.674 ng
RT: 27.791 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:276 Resp: 79134

Ion	Ratio	Lower	Upper
276	100		
138	21.4	16.4	24.6
277	25.3	19.8	29.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

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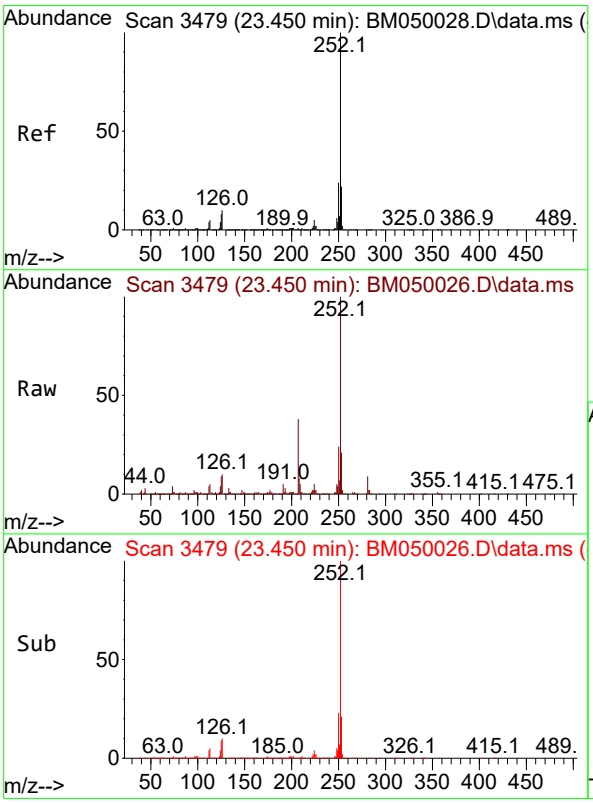
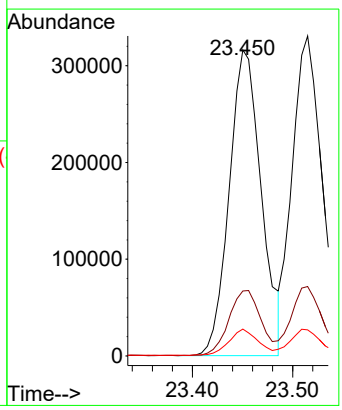
Supervised By :Jagrut Upadhyay 04/29/2025

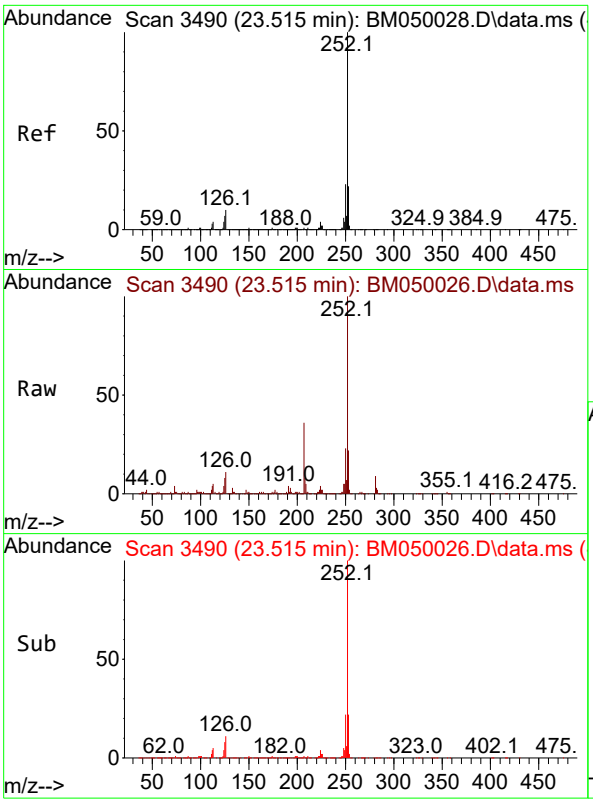


#88
Benzo(b)fluoranthene
Concen: 8.831 ng
RT: 23.450 min Scan# 3479
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:252 Resp: 703118

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.7	26.5
125	8.8	6.1	9.1





#89
Benzo(k)fluoranthene
Concen: 8.741 ng
RT: 23.515 min Scan# 34
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:252 Resp: 70414

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	8.2	5.8	8.8

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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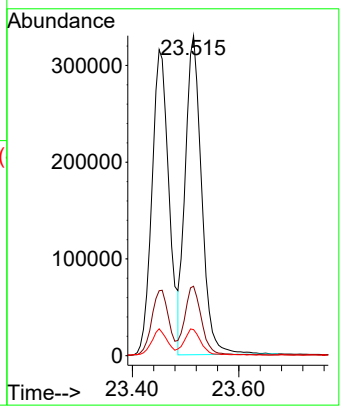
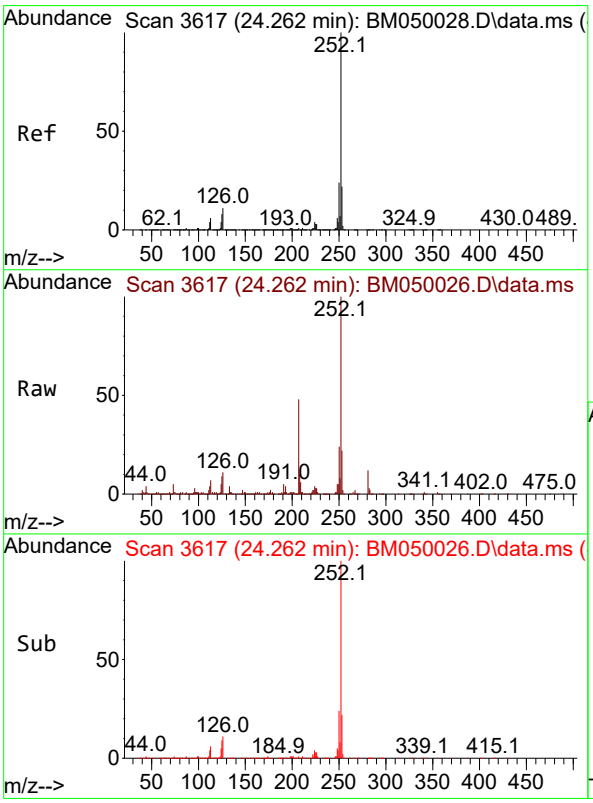
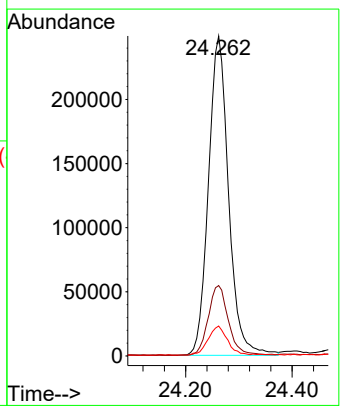


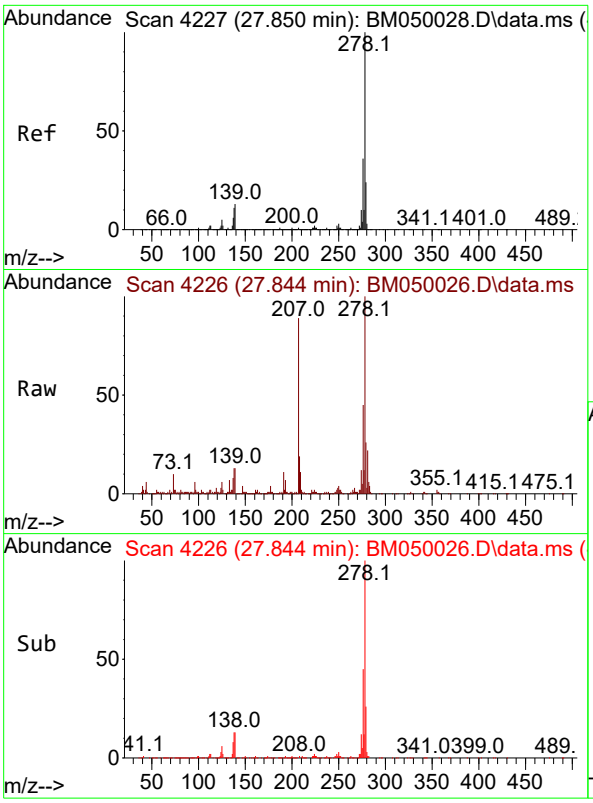


#90
Benzo(a)pyrene
Concen: 8.751 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:252 Resp: 652617

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	9.4	6.6	9.8

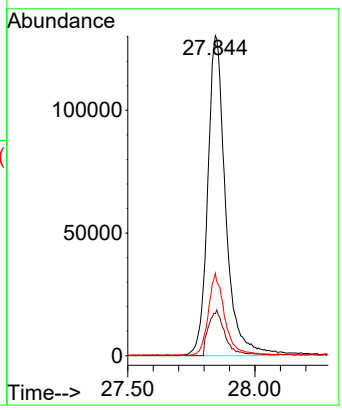




#91
Dibenzo(a,h)anthracene
Concen: 8.591 ng
RT: 27.844 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:278 Resp: 63891

Ion	Ratio	Lower	Upper
278	100		
139	13.2	10.5	15.7
279	25.8	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
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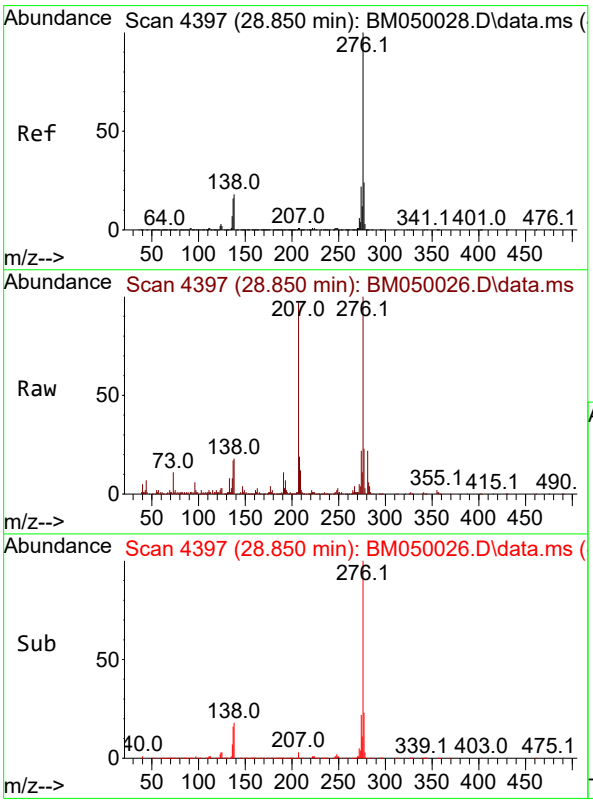
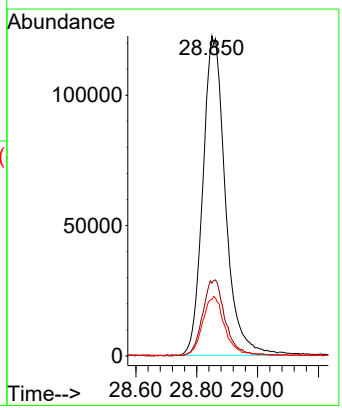


#92
Benzo(g,h,i)perylene
Concen: 8.852 ng
RT: 28.850 min Scan# 4397
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:276 Resp: 630261

Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.1	28.7
138	17.7	14.3	21.5



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Data File : BM050027.D
Acq On : 28 Apr 2025 14:27
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:55:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	242715	20.000	ng		0.00
21) Naphthalene-d8	10.563	136	896366	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	614688	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	1244440	20.000	ng		0.00
76) Chrysene-d12	21.398	240	1204355	20.000	ng		0.00
86) Perylene-d12	24.403	264	1191041	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	537488	38.777	ng		0.00
7) Phenol-d6	6.951	99	678404	38.941	ng		0.00
23) Nitrobenzene-d5	8.928	82	712171	39.151	ng		0.00
42) 2,4,6-Tribromophenol	15.904	330	345020	37.960	ng		0.00
45) 2-Fluorobiphenyl	13.027	172	2005788	38.602	ng		0.00
79) Terphenyl-d14	19.780	244	3208242	39.418	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	115944	19.509	ng		99
3) Pyridine	3.658	79	298256	19.532	ng		98
4) n-Nitrosodimethylamine	3.569	42	115296	19.251	ng	#	100
6) Aniline	7.098	93	429222	19.511	ng		99
8) 2-Chlorophenol	7.340	128	290876	19.409	ng		99
9) Benzaldehyde	6.910	77	235594	20.233	ng		98
10) Phenol	6.981	94	344567	19.537	ng		98
11) bis(2-Chloroethyl)ether	7.193	93	285330	19.375	ng		99
12) 1,3-Dichlorobenzene	7.657	146	352660	19.480	ng		99
13) 1,4-Dichlorobenzene	7.804	146	354975	19.518	ng		99
14) 1,2-Dichlorobenzene	8.122	146	345385	19.660	ng		99
15) Benzyl Alcohol	8.016	79	234541	19.413	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.293	45	350829	19.598	ng		98
17) 2-Methylphenol	8.228	107	225978	19.450	ng		99
18) Hexachloroethane	8.845	117	126530	19.571	ng		99
19) n-Nitroso-di-n-propyla...	8.575	70	223538	20.006	ng		99
20) 3+4-Methylphenols	8.557	107	307585	19.604	ng		97
22) Acetophenone	8.592	105	434539	19.499	ng		98
24) Nitrobenzene	8.969	77	309341	19.667	ng		99
25) Isophorone	9.498	82	609252	19.648	ng		99
26) 2-Nitrophenol	9.681	139	154364	19.211	ng		97
27) 2,4-Dimethylphenol	9.751	122	259319	19.460	ng		99
28) bis(2-Chloroethoxy)met...	9.975	93	378162	19.732	ng		100
29) 2,4-Dichlorophenol	10.234	162	292336	19.582	ng		99
30) 1,2,4-Trichlorobenzene	10.428	180	352792	19.397	ng		98
31) Naphthalene	10.610	128	890530	19.618	ng		99
32) Benzoic acid	9.881	122	154412m	18.168	ng		
33) 4-Chloroaniline	10.734	127	362366	19.475	ng		99
34) Hexachlorobutadiene	10.898	225	223143	19.327	ng		99
35) Caprolactam	11.516	113	84917	19.509	ng		93
36) 4-Chloro-3-methylphenol	11.875	107	270510	19.613	ng		99
37) 2-Methylnaphthalene	12.228	142	593403	19.498	ng		99
38) 1-Methylnaphthalene	12.445	142	634293	19.694	ng		99
40) 1,2,4,5-Tetrachloroben...	12.604	216	402355	18.909	ng		99
41) Hexachlorocyclopentadiene	12.575	237	222254	17.091	ng		100
43) 2,4,6-Trichlorophenol	12.851	196	260161	19.276	ng		96

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050027.D
Acq On : 28 Apr 2025 14:27
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 28 17:55:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.939	196	278307	19.123	ng	98
46) 1,1'-Biphenyl	13.239	154	892394	19.530	ng	99
47) 2-Chloronaphthalene	13.286	162	709815	19.614	ng	100
48) 2-Nitroaniline	13.498	65	165324	19.465	ng	99
49) Acenaphthylene	14.133	152	1112766	19.502	ng	99
50) Dimethylphthalate	13.869	163	883120	19.659	ng	99
51) 2,6-Dinitrotoluene	13.986	165	183493	19.729	ng	99
52) Acenaphthene	14.474	154	643177	19.474	ng	99
53) 3-Nitroaniline	14.327	138	174626	19.666	ng	97
54) 2,4-Dinitrophenol	14.551	184	80991	18.373	ng	99
55) Dibenzofuran	14.810	168	1074975	19.562	ng	99
56) 4-Nitrophenol	14.686	139	110948	19.021	ng	96
57) 2,4-Dinitrotoluene	14.786	165	252994	19.685	ng	100
58) Fluorene	15.457	166	879470	19.553	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	244928	19.442	ng	99
60) Diethylphthalate	15.233	149	848021	20.034	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	473276	19.157	ng	95
62) 4-Nitroaniline	15.492	138	170438	19.880	ng	95
63) Azobenzene	15.745	77	707026	19.930	ng	99
65) 4,6-Dinitro-2-methylph...	15.557	198	136910	17.576	ng	94
66) n-Nitrosodiphenylamine	15.669	169	741920	19.415	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	285352	18.962	ng	98
68) Hexachlorobenzene	16.468	284	327912	18.903	ng	98
69) Atrazine	16.621	200	266068	19.303	ng	98
70) Pentachlorophenol	16.821	266	175794	18.004	ng	99
71) Phenanthrene	17.198	178	1348190	19.208	ng	100
72) Anthracene	17.292	178	1364462	19.210	ng	100
73) Carbazole	17.568	167	1194316	19.377	ng	99
74) Di-n-butylphthalate	18.121	149	1432688	19.519	ng	99
75) Fluoranthene	19.221	202	1555160	18.872	ng	99
77) Benzidine	19.409	184	777502	18.175	ng	99
78) Pyrene	19.580	202	1603874	18.964	ng	100
80) Butylbenzylphthalate	20.474	149	620751	19.597	ng	94
81) Benzo(a)anthracene	21.380	228	1591290	19.187	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	582038	18.333	ng	99
83) Chrysene	21.445	228	1461777	19.044	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	933505	19.730	ng	98
85) Di-n-octyl phthalate	22.427	149	1525599	19.552	ng	100
87) Indeno(1,2,3-cd)pyrene	27.791	276	1671967	18.840	ng	99
88) Benzo(b)fluoranthene	23.450	252	1439776	18.588	ng	99
89) Benzo(k)fluoranthene	23.515	252	1489410	19.005	ng	100
90) Benzo(a)pyrene	24.262	252	1365706	18.825	ng	99
91) Dibenzo(a,h)anthracene	27.838	278	1360269	18.803	ng	99
92) Benzo(g,h,i)perylene	28.850	276	1316513	19.008	ng	99

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

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050027.D
Acq On : 28 Apr 2025 14:27
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Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 28 17:55:16 2025
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ClientSampleId :
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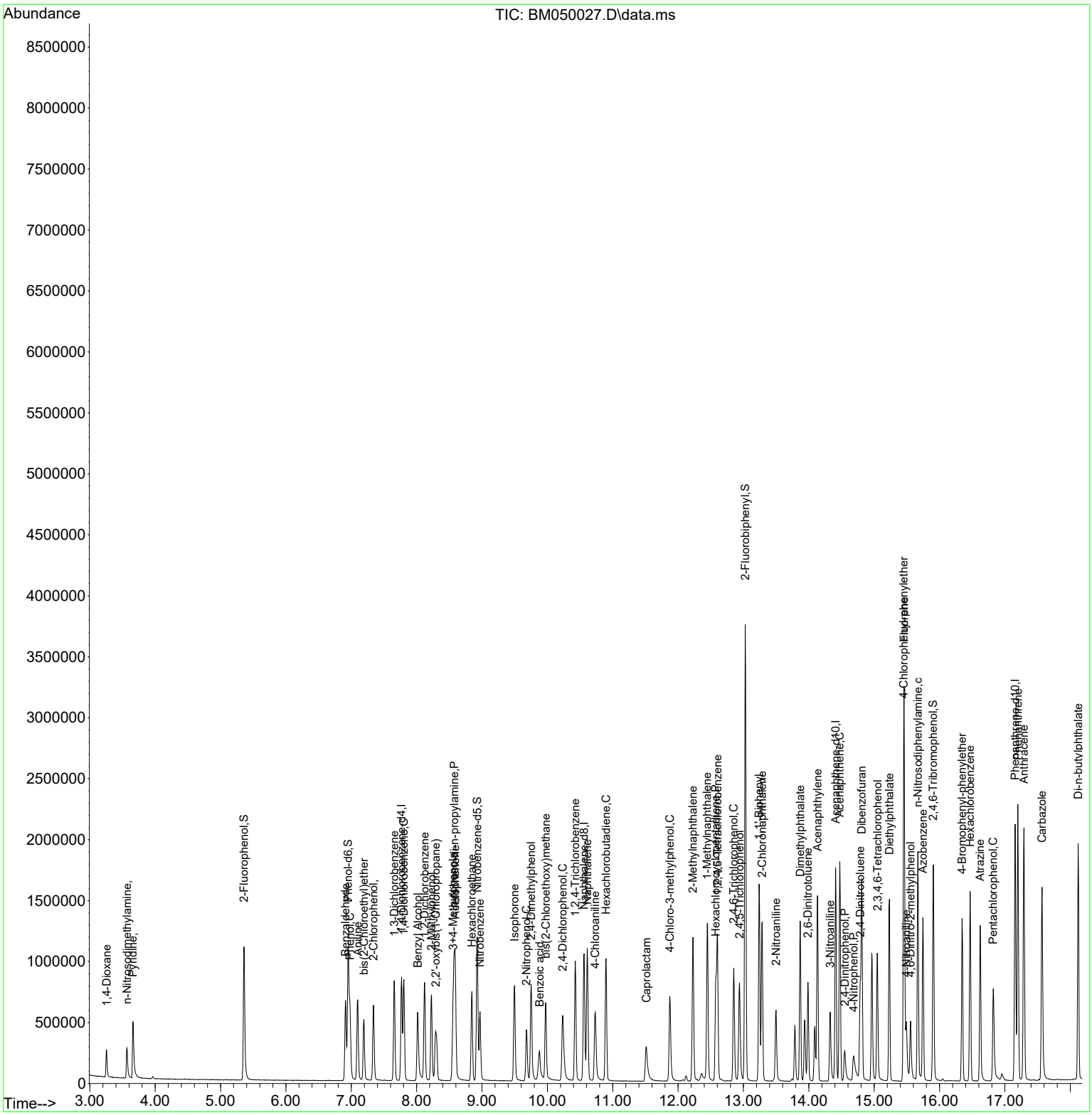
Supervised By :Jagrut Upadhyay 04/29/2025



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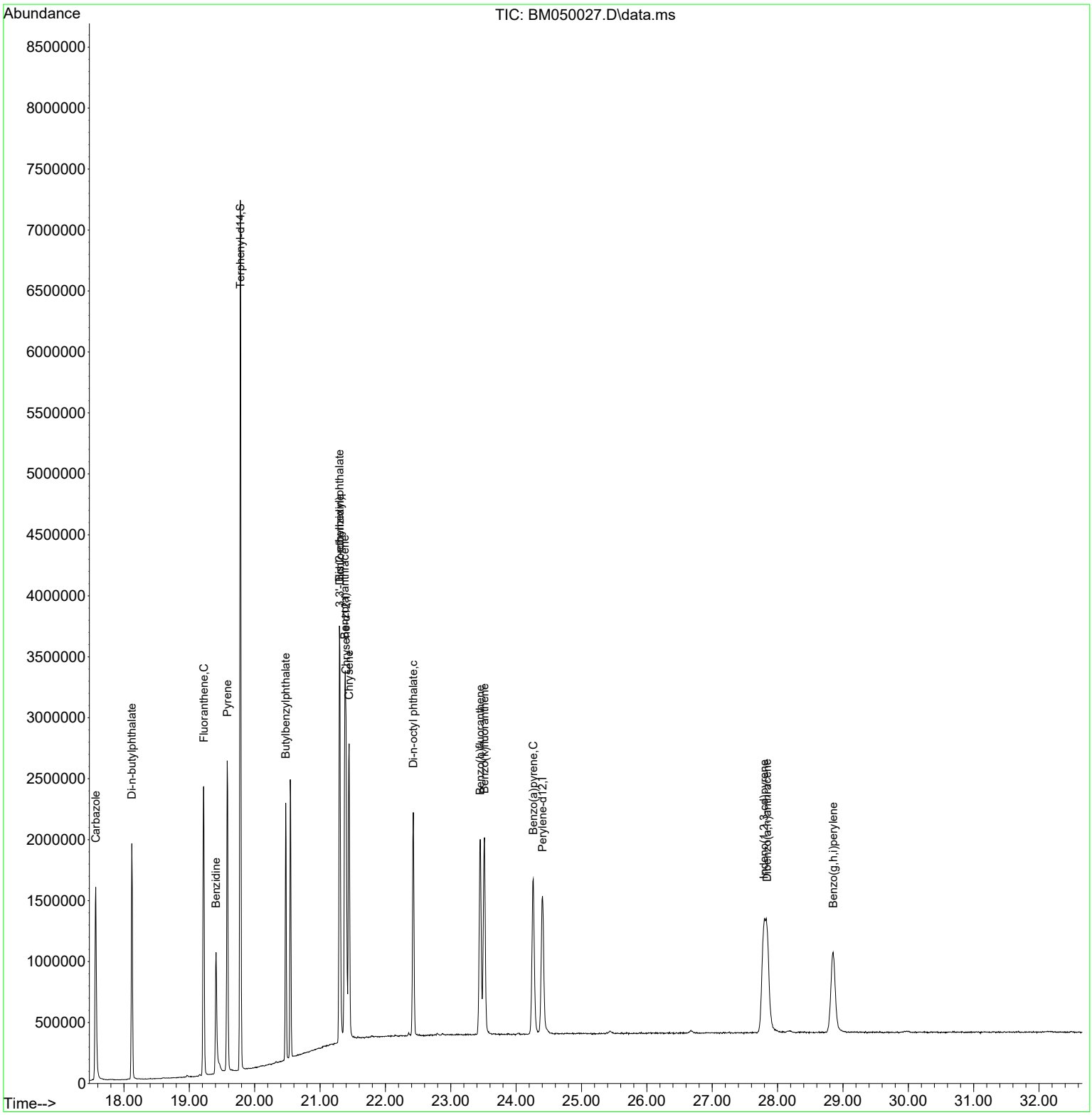
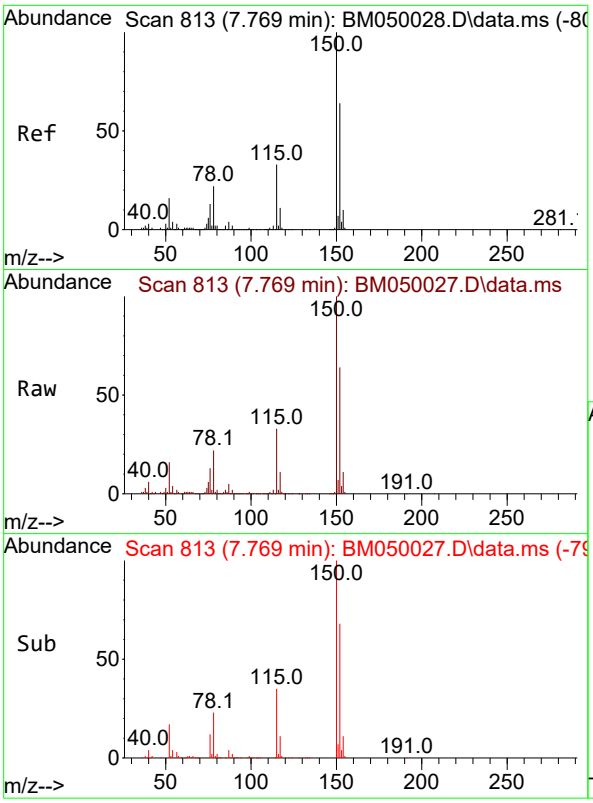
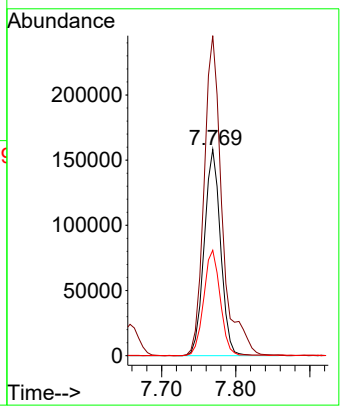




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:152 Resp: 24271

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.1	186.1
115	51.1	41.2	61.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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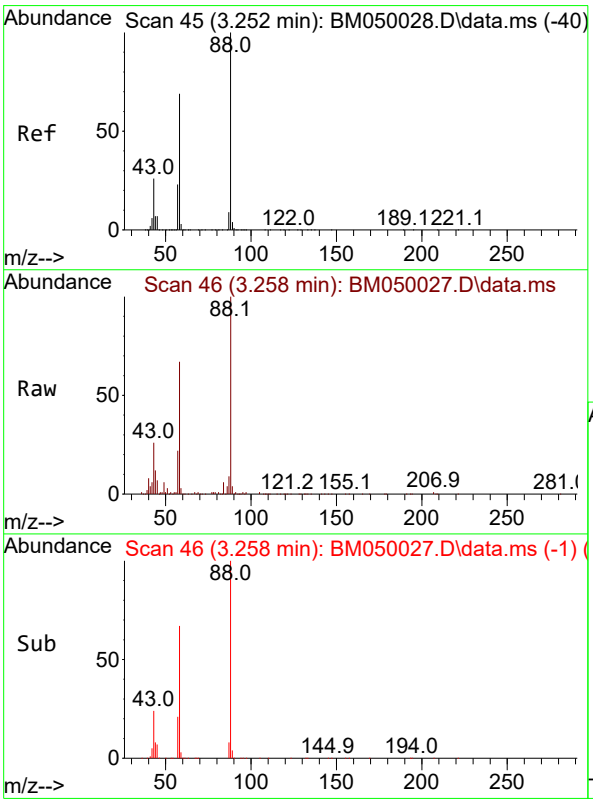
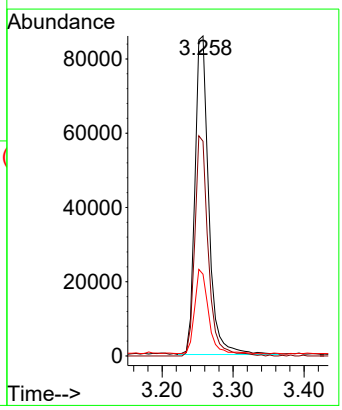
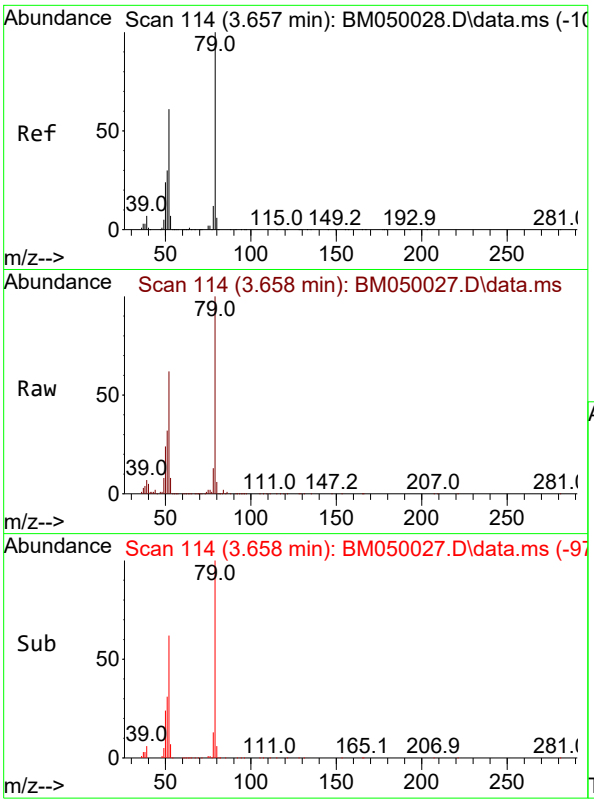


#2
1,4-Dioxane
Concen: 19.509 ng
RT: 3.258 min Scan# 46
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 88 Resp: 115944

Ion	Ratio	Lower	Upper
88	100		
58	67.9	55.1	82.7
43	26.7	20.9	31.3

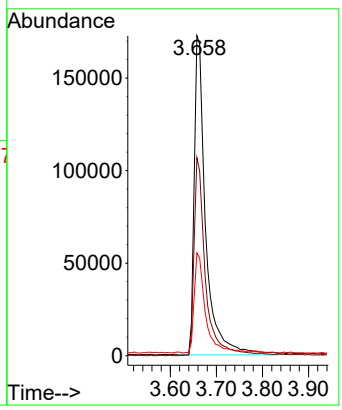




#3
Pyridine
Concen: 19.532 ng
RT: 3.658 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 79 Resp: 29825

Ion	Ratio	Lower	Upper
79	100		
52	61.8	48.6	72.8
51	32.1	24.6	37.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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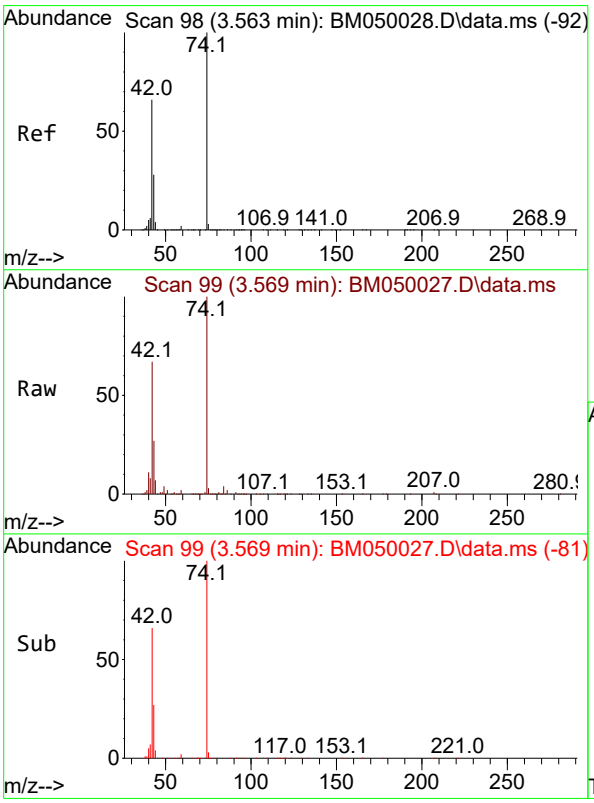
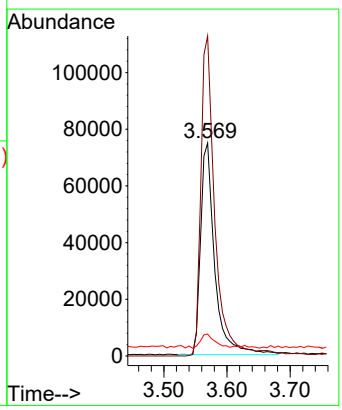
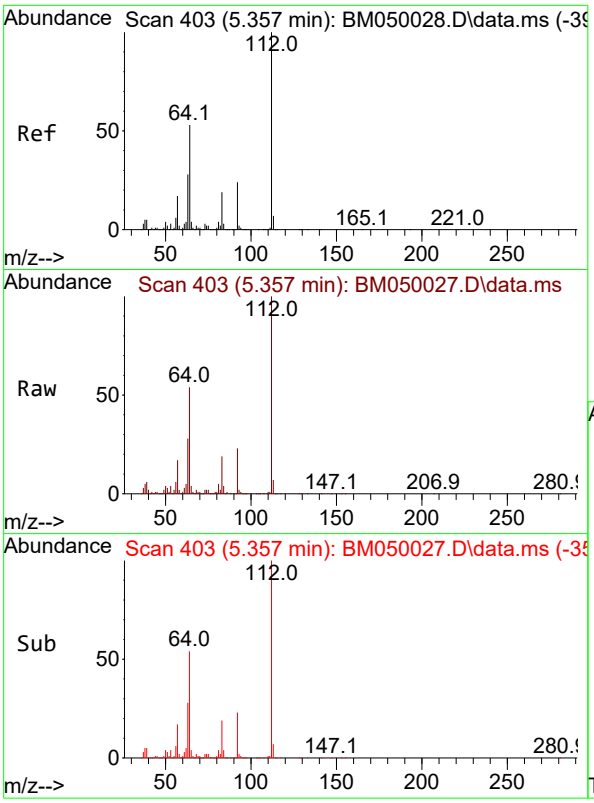


#4
n-Nitrosodimethylamine
Concen: 19.251 ng
RT: 3.569 min Scan# 99
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 42 Resp: 115296

Ion	Ratio	Lower	Upper
42	100		
74	150.3	120.2	180.2
44	10.3	6.2	9.2#

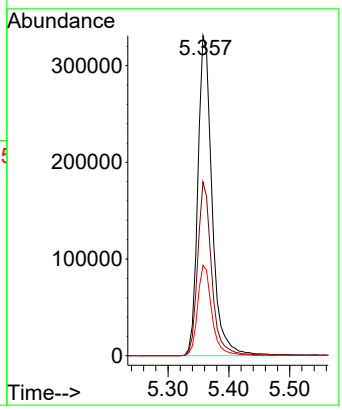




#5
2-Fluorophenol
Concen: 38.777 ng
RT: 5.357 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:112 Resp: 53748

Ion	Ratio	Lower	Upper
112	100		
64	54.3	42.6	64.0
63	28.2	22.2	33.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

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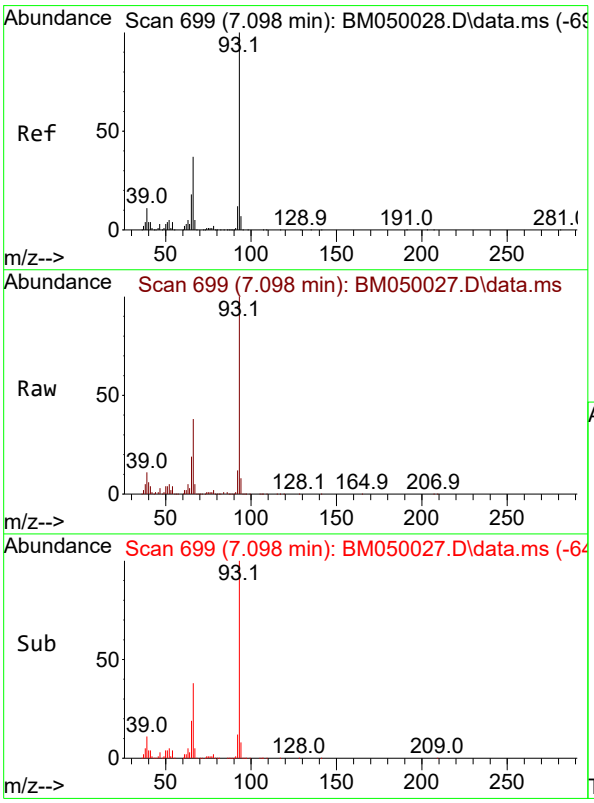
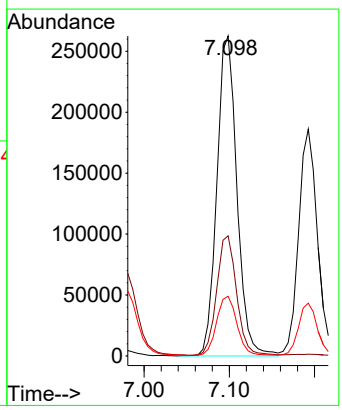
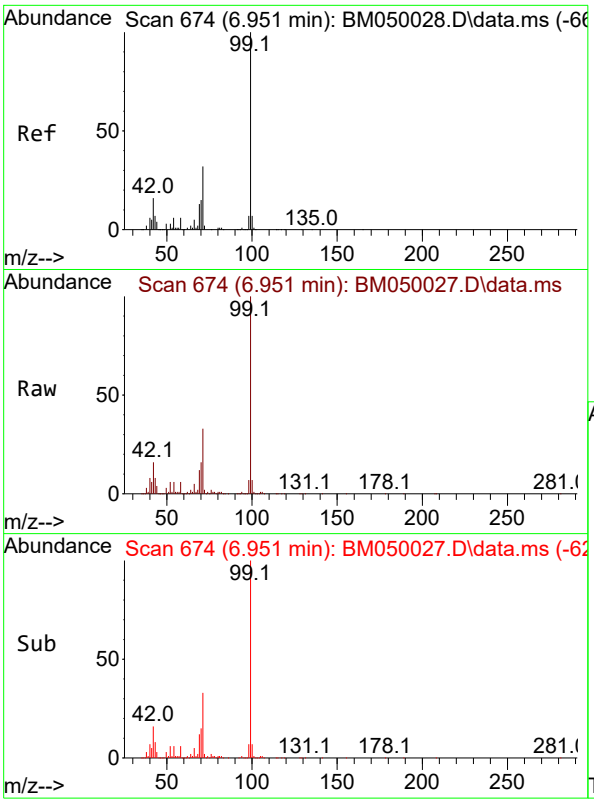


#6
Aniline
Concen: 19.511 ng
RT: 7.098 min Scan# 699
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 93 Resp: 429222

Ion	Ratio	Lower	Upper
93	100		
66	37.5	29.9	44.9
65	18.7	14.5	21.7

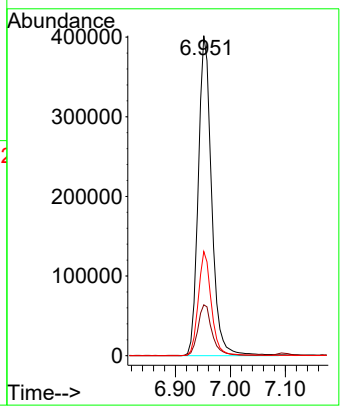




#7
Phenol-d6
Concen: 38.941 ng
RT: 6.951 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 99 Resp: 67840

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.0	19.4
71	32.6	25.6	38.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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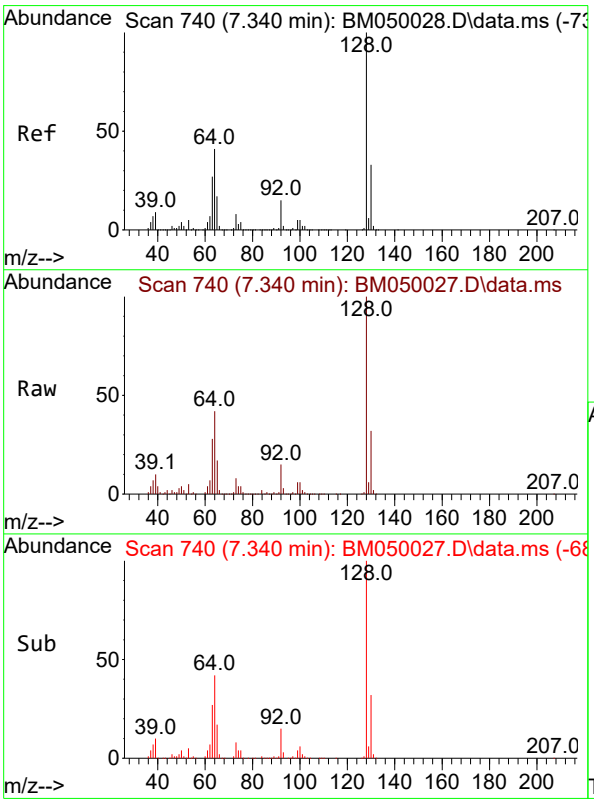
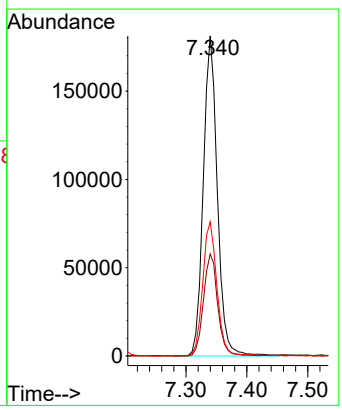
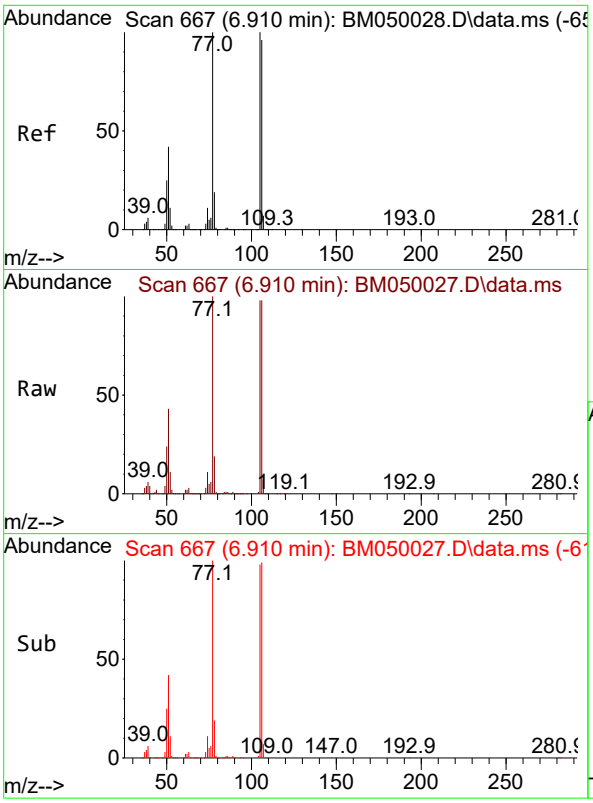


#8
2-Chlorophenol
Concen: 19.409 ng
RT: 7.340 min Scan# 740
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:128 Resp: 290876

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.8	52.8
64	41.9	21.2	61.2

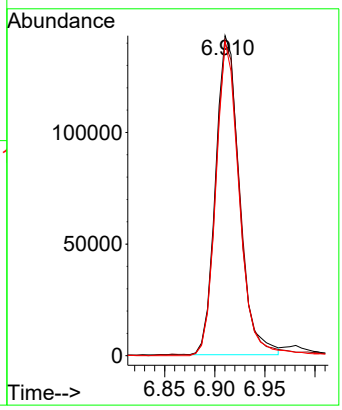




#9
Benzaldehyde
Concen: 20.233 ng
RT: 6.910 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 77 Resp: 23559

Ion	Ratio	Lower	Upper
77	100		
105	97.9	80.5	120.5
106	98.3	76.1	116.1



Instrument :
BNA_M
ClientSampleId :
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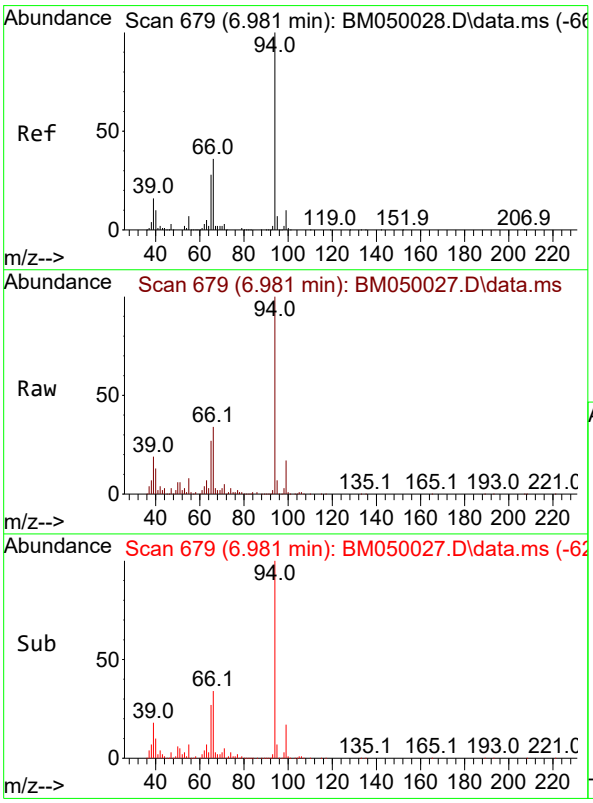
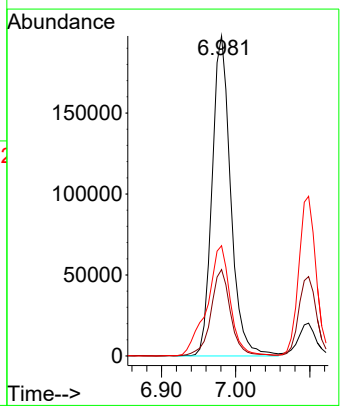
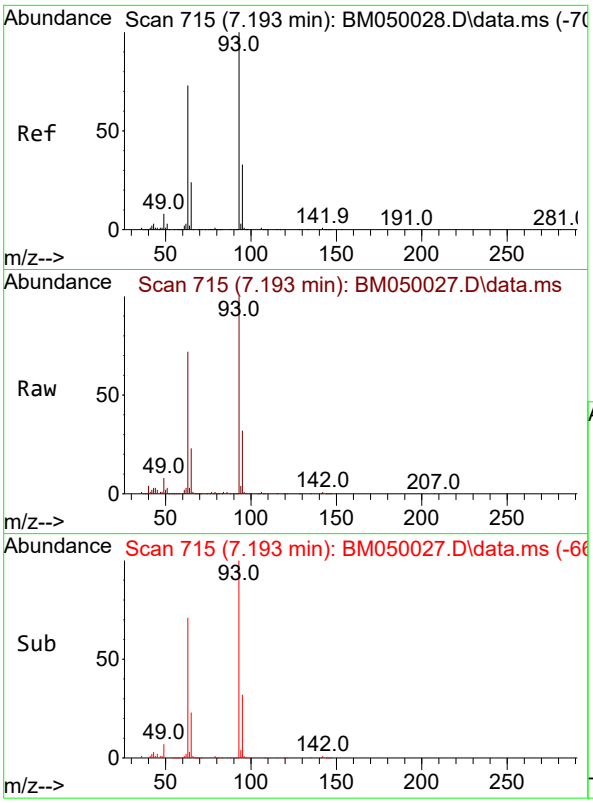


#10
Phenol
Concen: 19.537 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 94 Resp: 344567

Ion	Ratio	Lower	Upper
94	100		
65	27.0	7.6	47.6
66	34.4	15.8	55.8

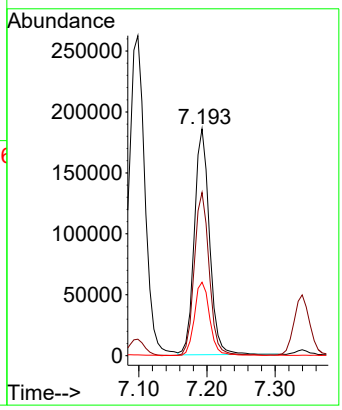




#11
bis(2-Chloroethyl)ether
Concen: 19.375 ng
RT: 7.193 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 93 Resp: 28533

Ion	Ratio	Lower	Upper
93	100		
63	71.9	52.3	92.3
95	32.4	12.8	52.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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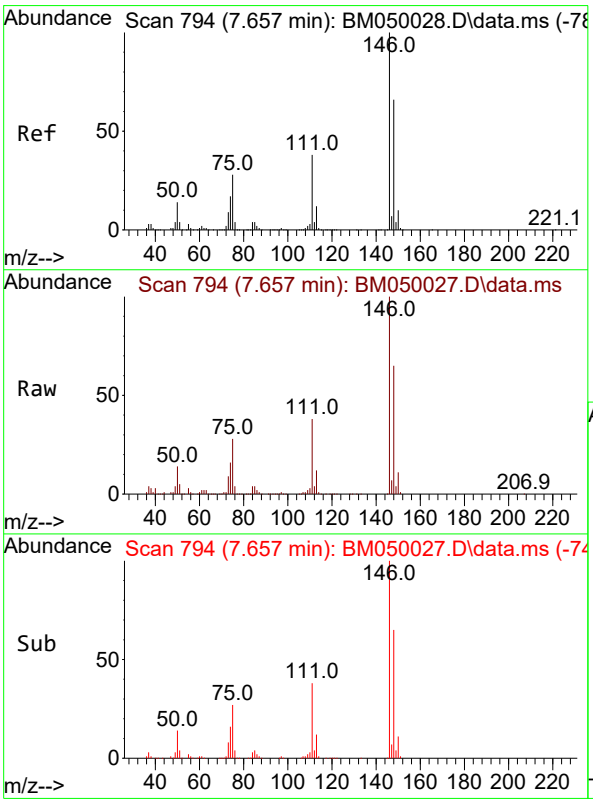
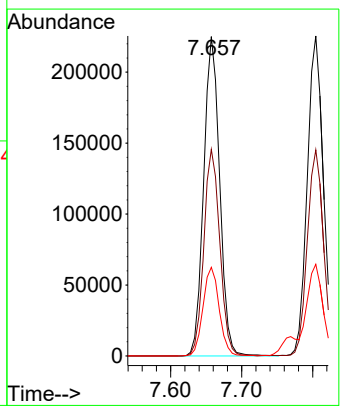
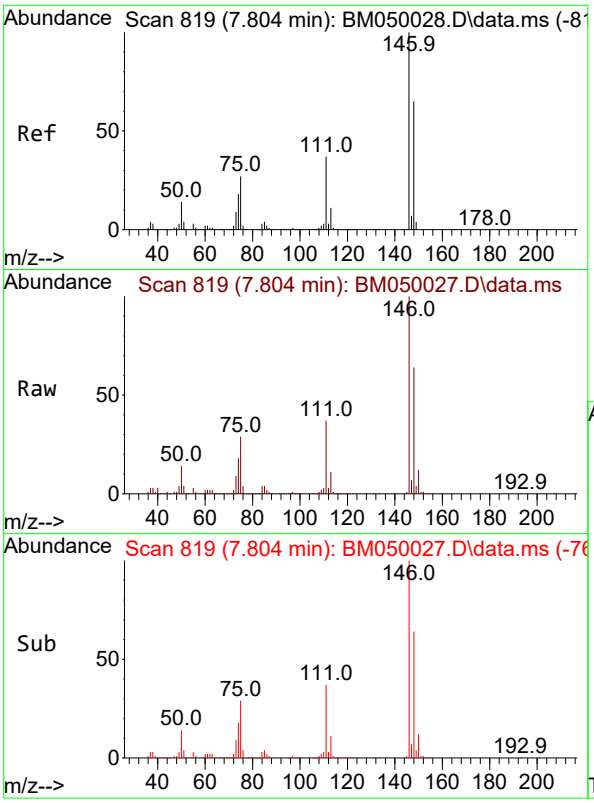


#12
1,3-Dichlorobenzene
Concen: 19.480 ng
RT: 7.657 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:146 Resp: 352660

Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.5	78.7
75	27.8	22.6	34.0

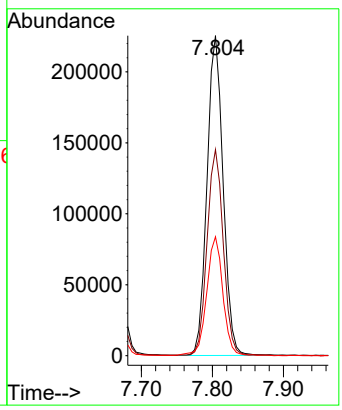




#13
1,4-Dichlorobenzene
Concen: 19.518 ng
RT: 7.804 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:146 Resp: 35497

Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.2	78.2
111	37.2	29.3	43.9



Instrument :
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ClientSampleId :
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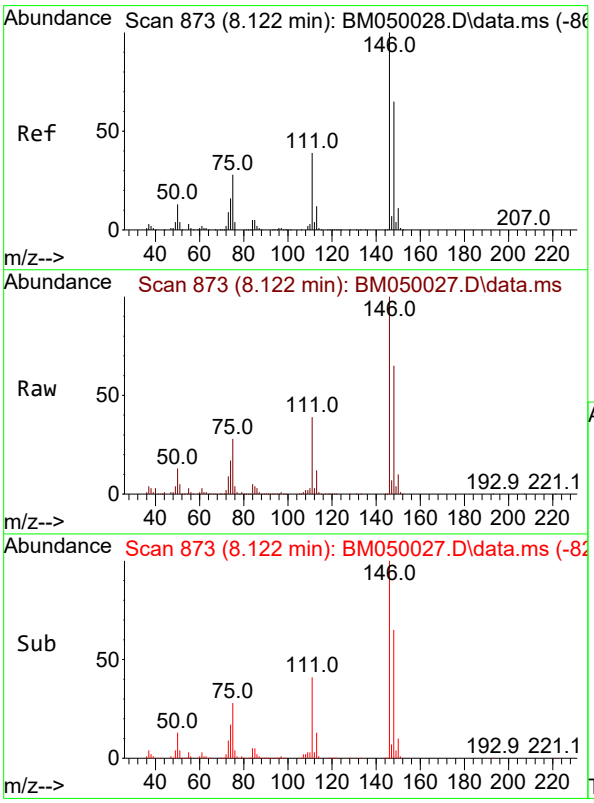
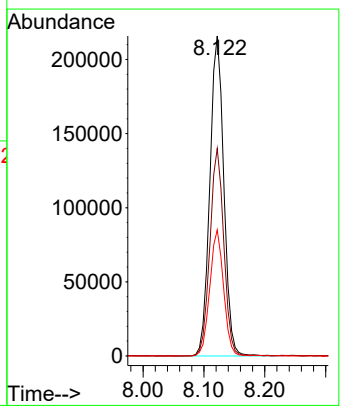
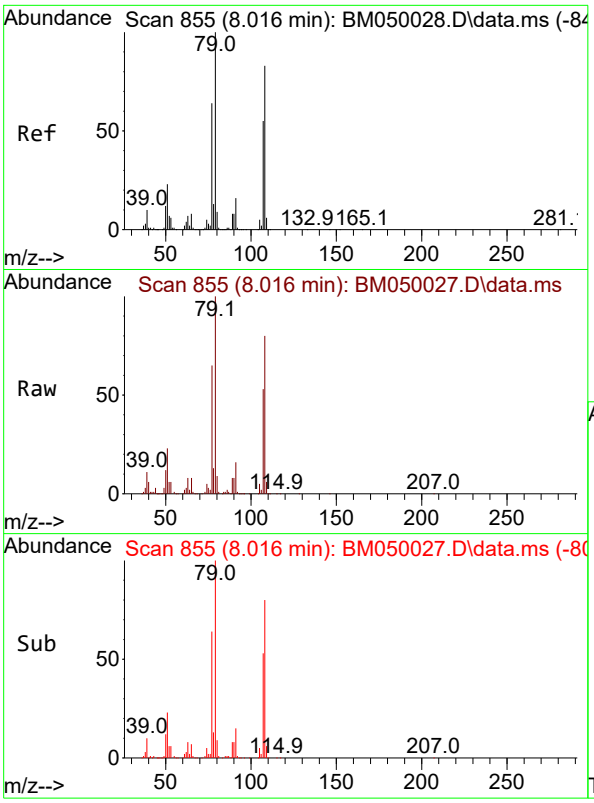


#14
1,2-Dichlorobenzene
Concen: 19.660 ng
RT: 8.122 min Scan# 873
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:146 Resp: 345385

Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.4	78.6
111	39.4	31.0	46.6

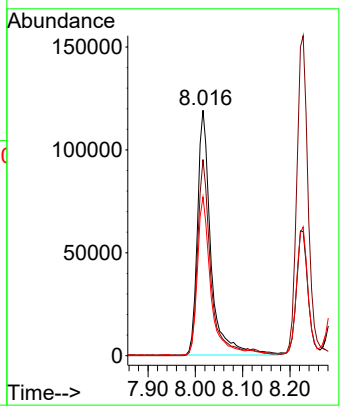




#15
Benzyl Alcohol
Concen: 19.413 ng
RT: 8.016 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 79 Resp: 23454

Ion	Ratio	Lower	Upper
79	100		
108	79.9	66.0	99.0
77	64.6	51.6	77.4



Instrument :
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ClientSampleId :
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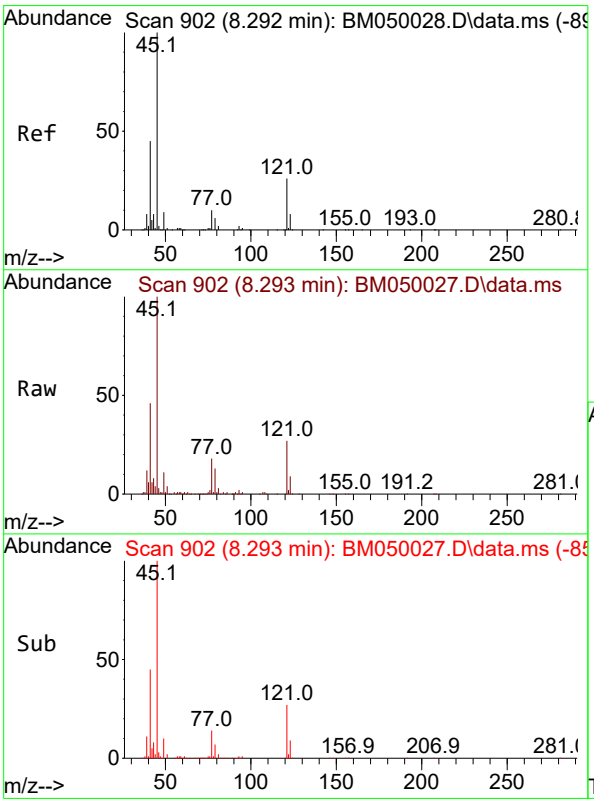
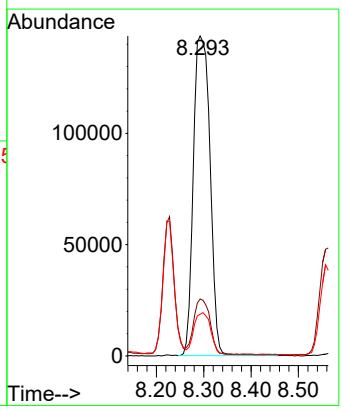
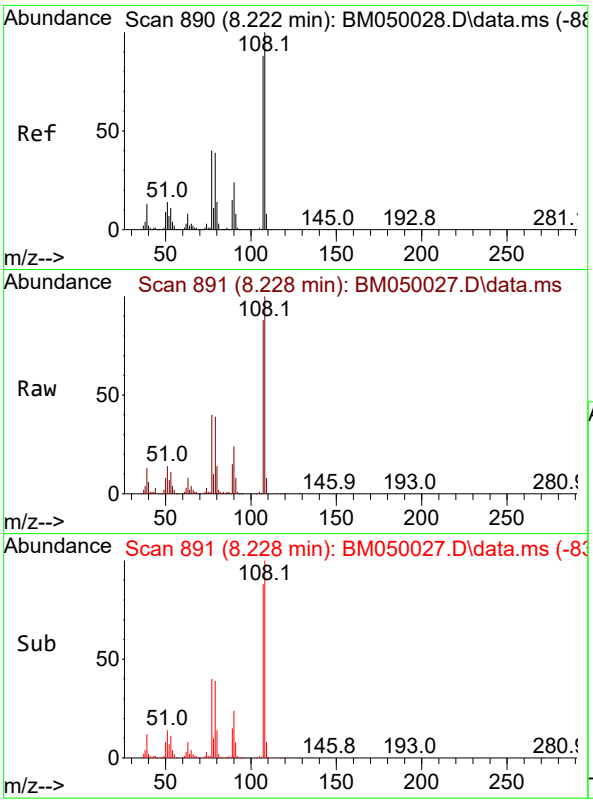


#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.598 ng
RT: 8.293 min Scan# 902
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 45 Resp: 350829

Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.0	36.4
79	13.0	0.0	32.7

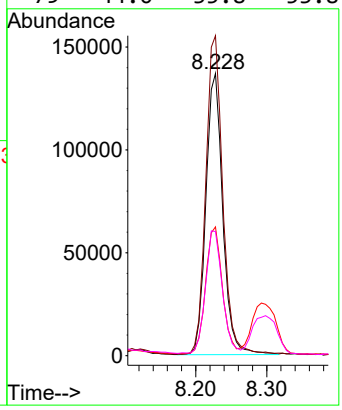




#17
2-Methylphenol
Concen: 19.450 ng
RT: 8.228 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:107 Resp: 22597

Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.1	136.7
77	45.7	36.2	54.4
79	44.0	35.8	53.8



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ClientSampleId :
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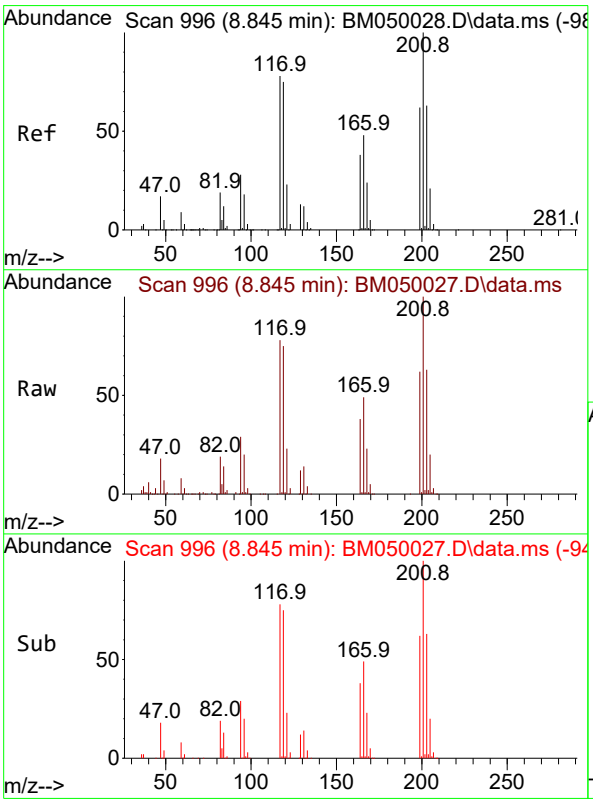
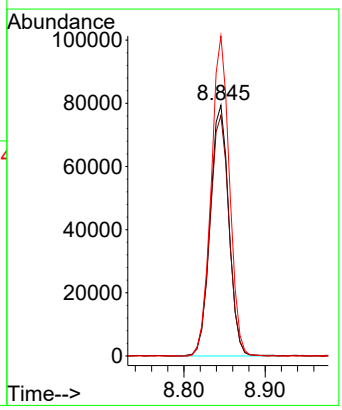
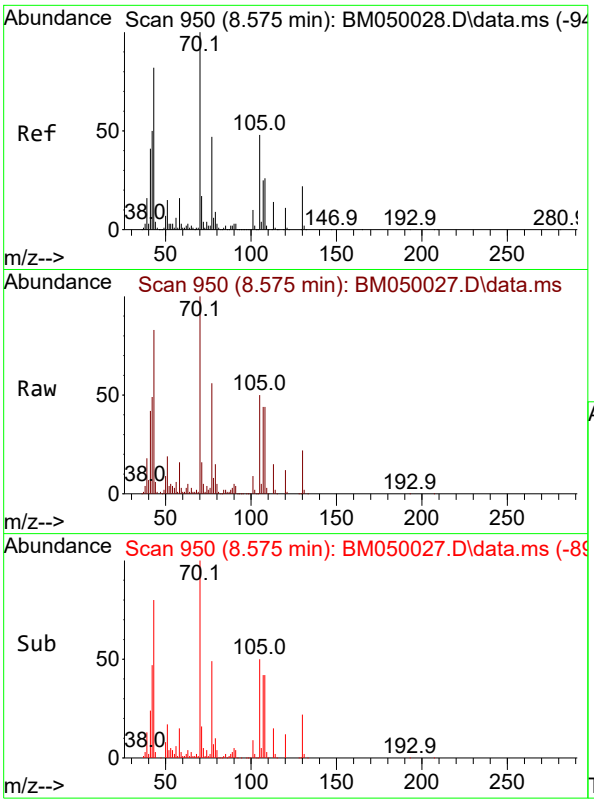


#18
Hexachloroethane
Concen: 19.571 ng
RT: 8.845 min Scan# 996
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:117 Resp: 126530

Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.3	115.9
201	127.6	102.8	154.2

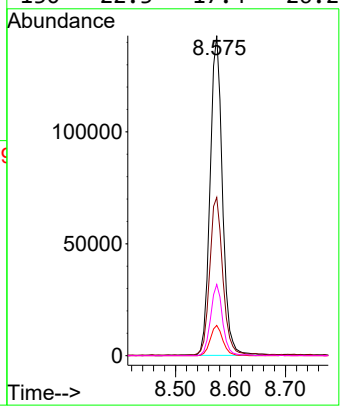




#19
n-Nitroso-di-n-propylamine
Concen: 20.006 ng
RT: 8.575 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 70 Resp: 22353

Ion	Ratio	Lower	Upper
70	100		
42	49.5	40.5	60.7
101	9.5	7.8	11.6
130	22.3	17.4	26.2



Instrument :
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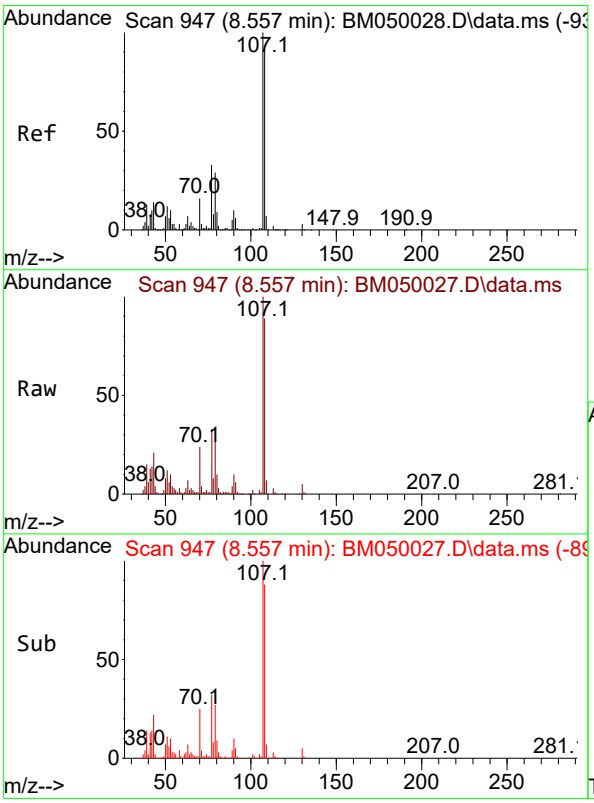
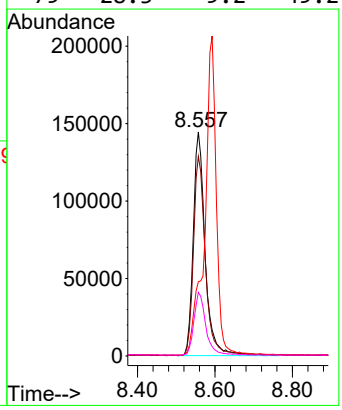
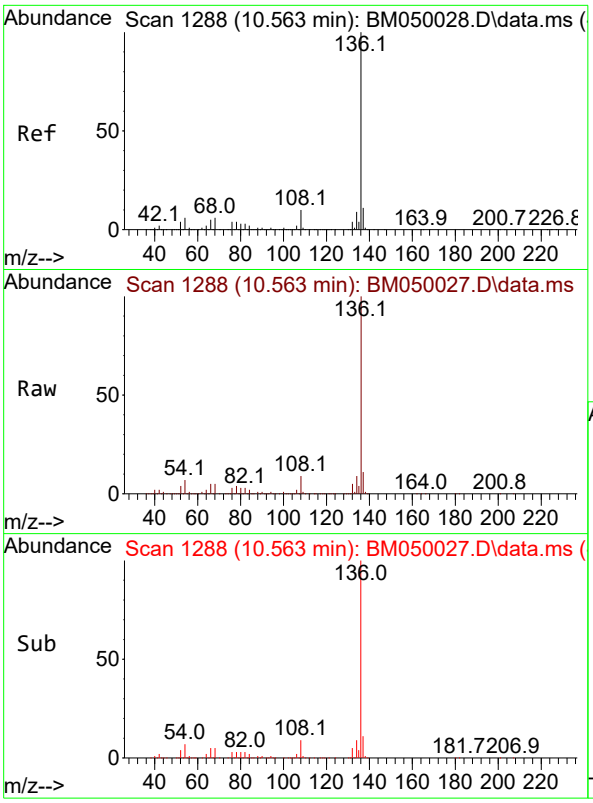


#20
3+4-Methylphenols
Concen: 19.604 ng
RT: 8.557 min Scan# 947
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:107 Resp: 307585

Ion	Ratio	Lower	Upper
107	100		
108	89.1	72.4	112.4
77	33.1	13.6	53.6
79	28.3	9.2	49.2

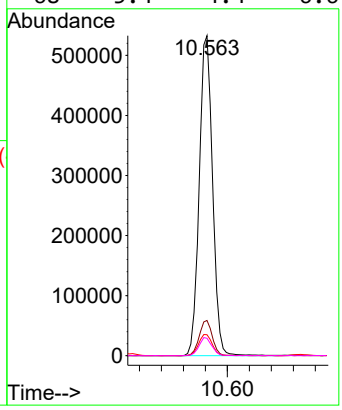




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:136 Resp: 89636

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.6	5.1	7.7
68	5.4	4.4	6.6



Instrument :
BNA_M
ClientSampleId :
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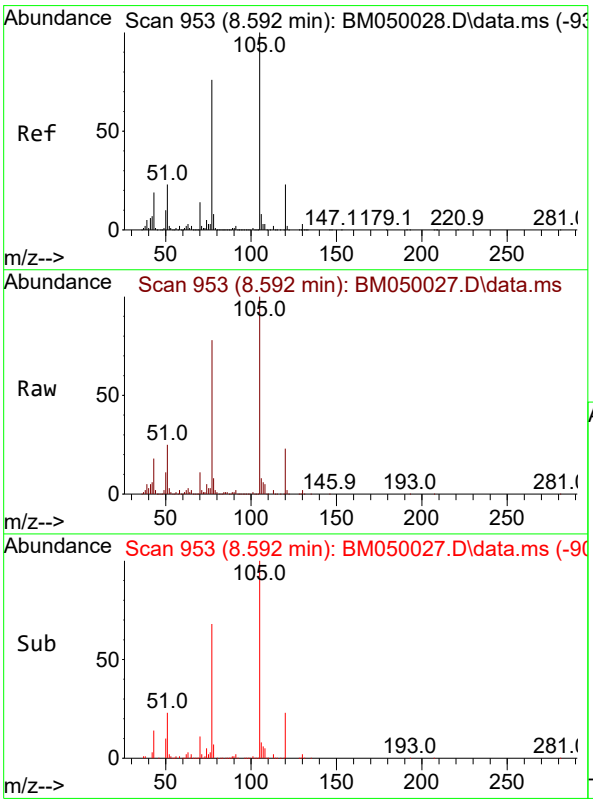
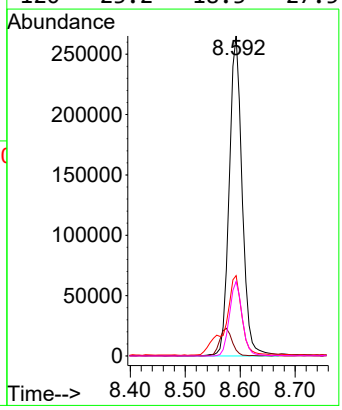
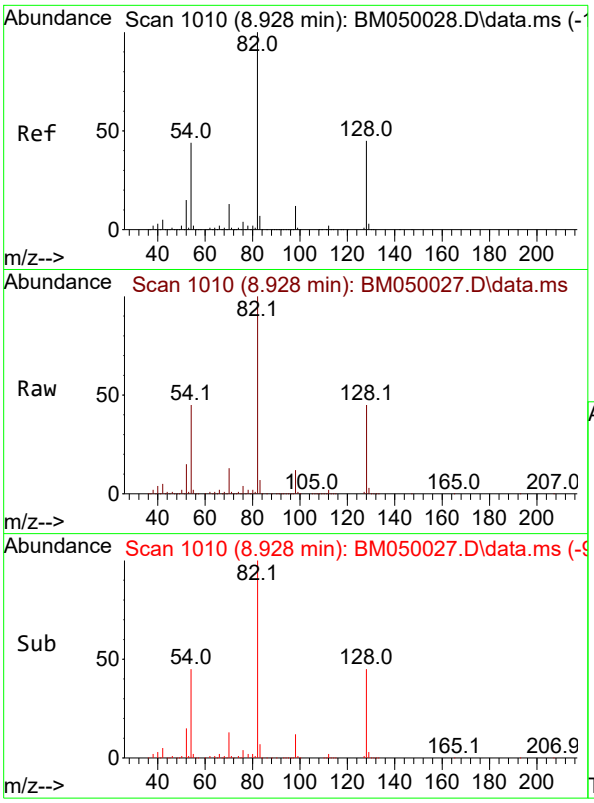


#22
Acetophenone
Concen: 19.499 ng
RT: 8.592 min Scan# 953
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:105 Resp: 434539

Ion	Ratio	Lower	Upper
105	100		
71	1.9	1.7	2.5
51	25.1	18.6	27.8
120	23.2	18.3	27.5

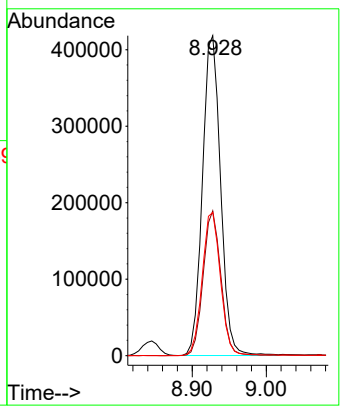




#23
Nitrobenzene-d5
Concen: 39.151 ng
RT: 8.928 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 82 Resp: 71217

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.7	53.5
54	44.8	35.4	53.2



Instrument :
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ClientSampleId :
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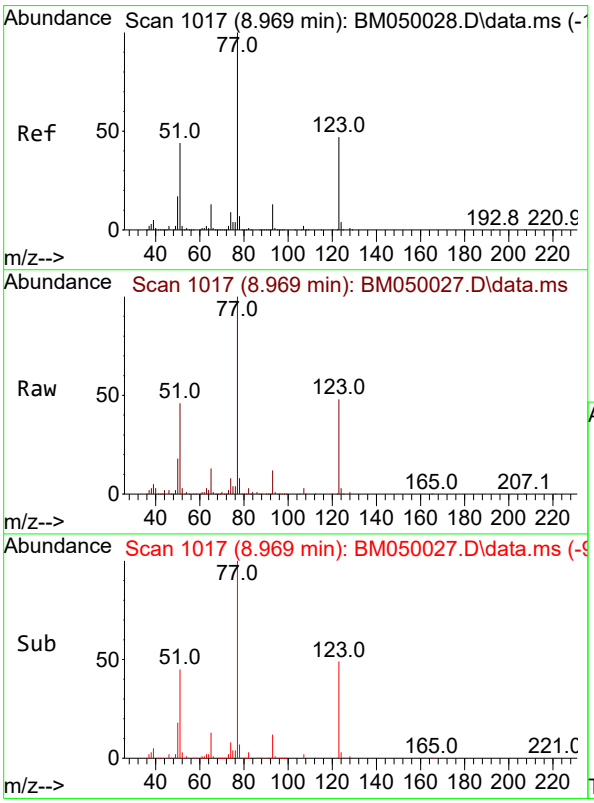
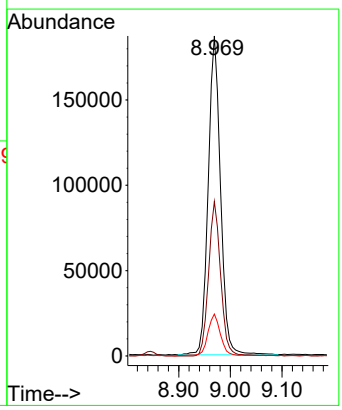
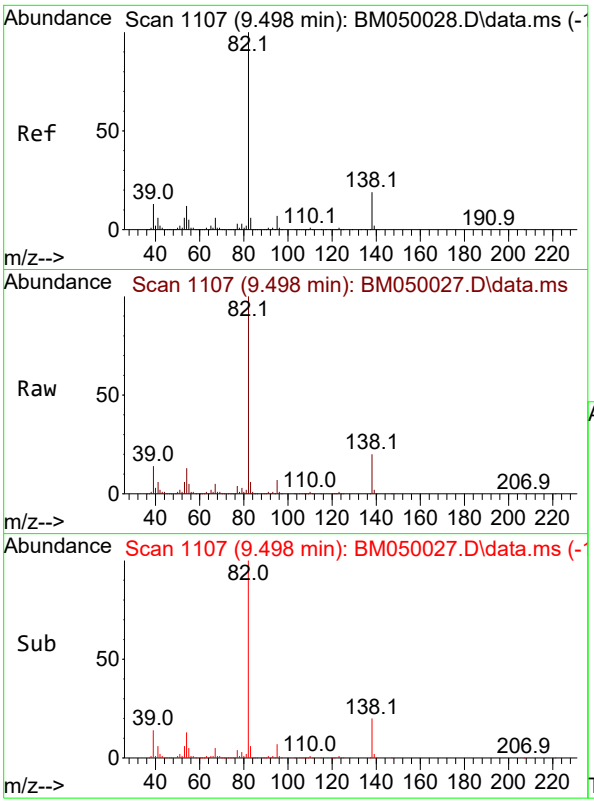


#24
Nitrobenzene
Concen: 19.667 ng
RT: 8.969 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 77 Resp: 309341

Ion	Ratio	Lower	Upper
77	100		
123	48.2	37.9	56.9
65	13.1	10.1	15.1





#25
Isophorone
Concen: 19.648 ng
RT: 9.498 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 82 Resp: 60925

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.7	8.5
138	20.1	15.5	23.3

Instrument :
BNA_M
ClientSampleId :
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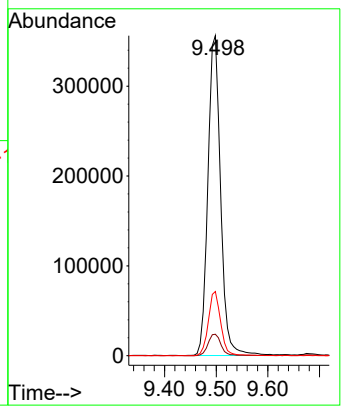
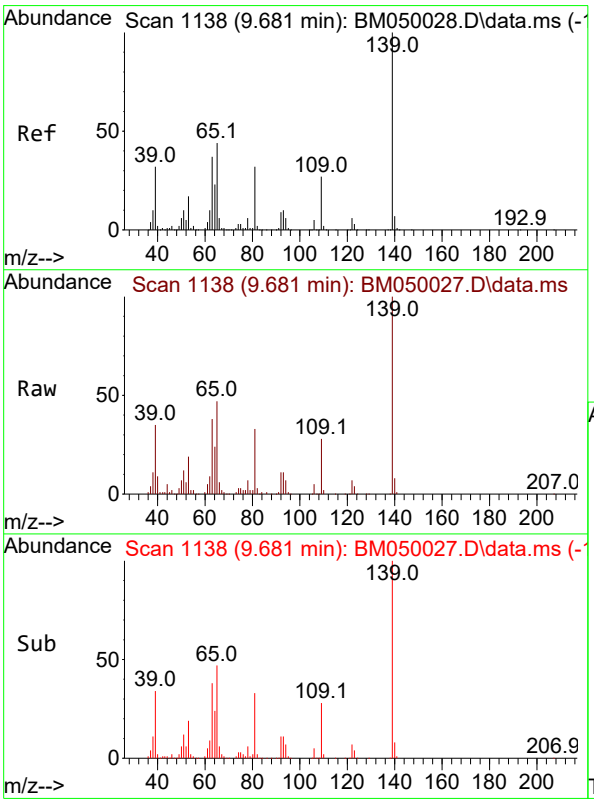
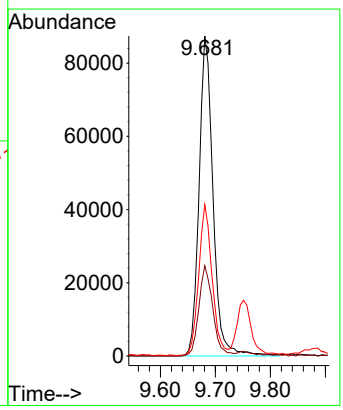


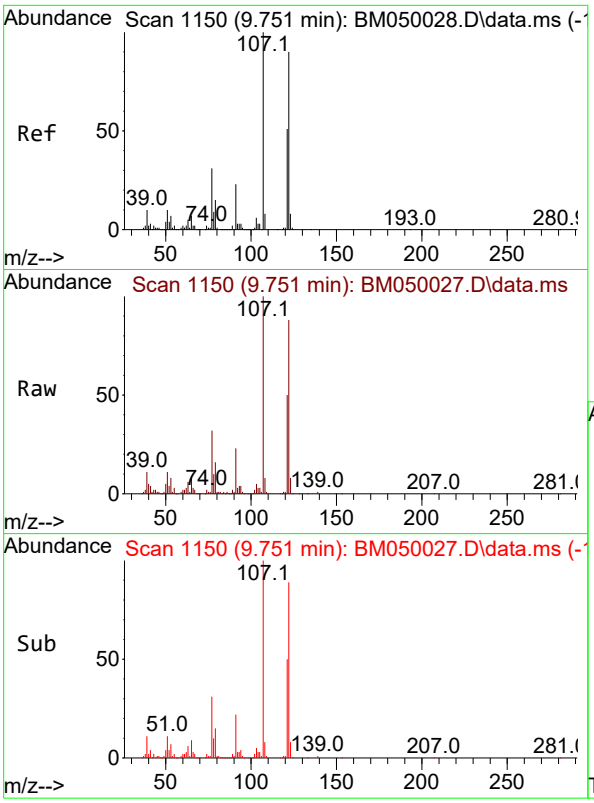


#26
2-Nitrophenol
Concen: 19.211 ng
RT: 9.681 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:139 Resp: 154364

Ion	Ratio	Lower	Upper
139	100		
109	28.2	21.9	32.9
65	47.3	35.4	53.2

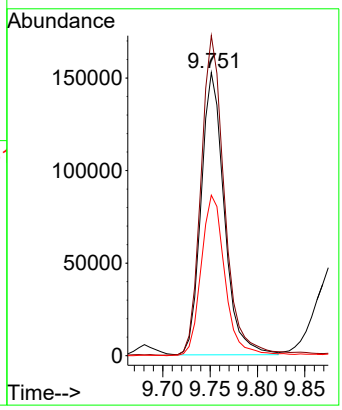




#27
2,4-Dimethylphenol
Concen: 19.460 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:122 Resp: 25931

Ion	Ratio	Lower	Upper
122	100		
107	113.1	89.0	133.6
121	56.7	45.6	68.4



Instrument :
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ClientSampleId :
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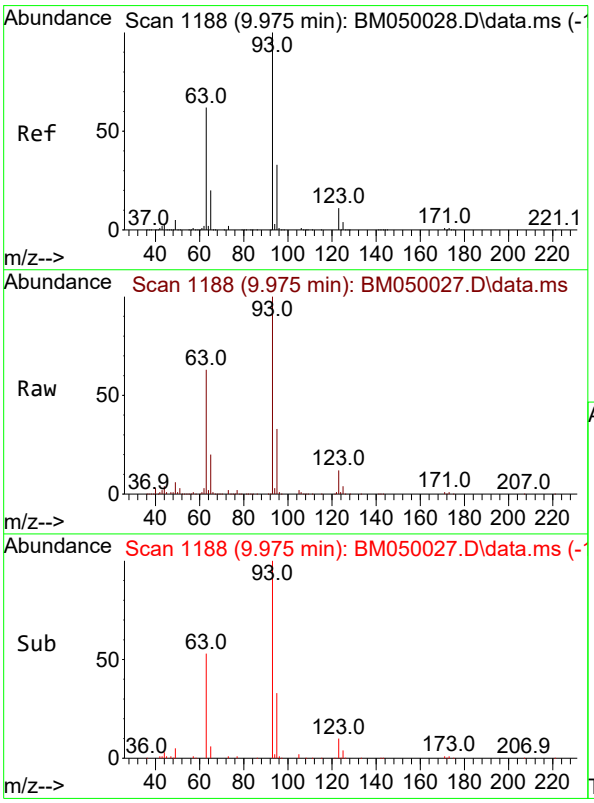
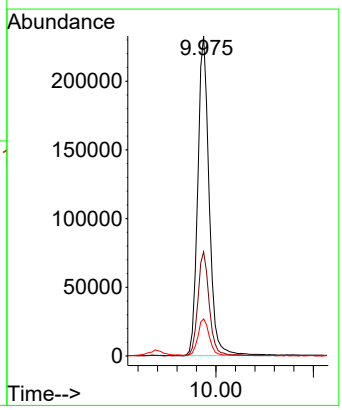
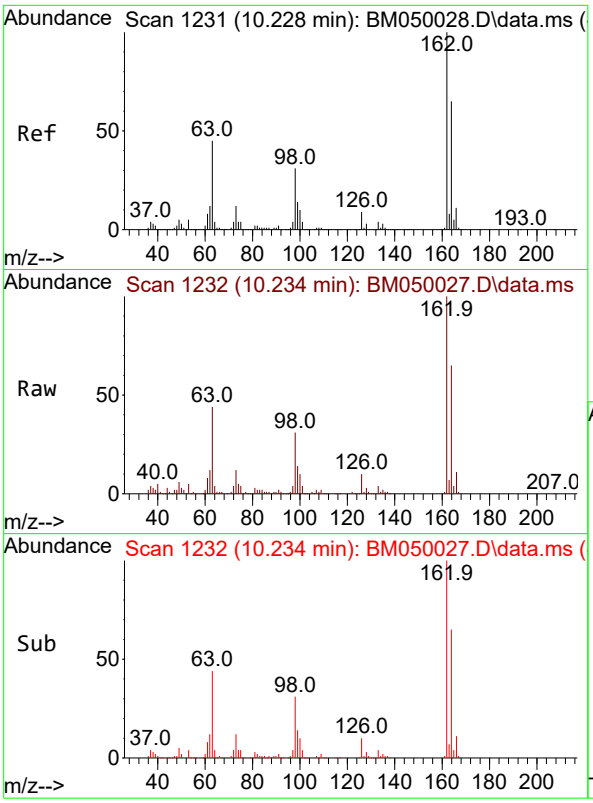


#28
bis(2-Chloroethoxy)methane
Concen: 19.732 ng
RT: 9.975 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 93 Resp: 378162

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.1	39.1
123	11.6	9.5	14.3

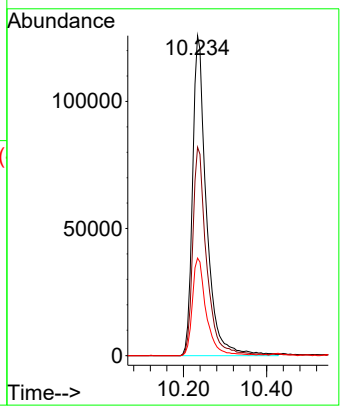




#29
2,4-Dichlorophenol
Concen: 19.582 ng
RT: 10.234 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:162 Resp: 29233

Ion	Ratio	Lower	Upper
162	100		
164	65.2	45.4	85.4
98	30.5	11.3	51.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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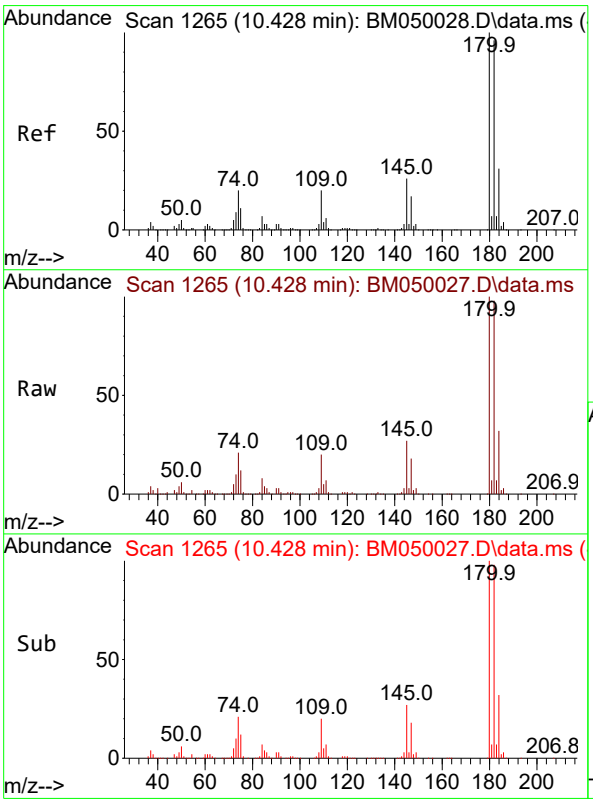
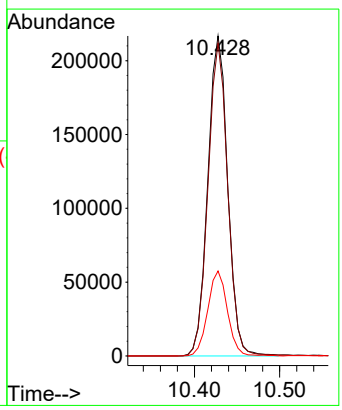
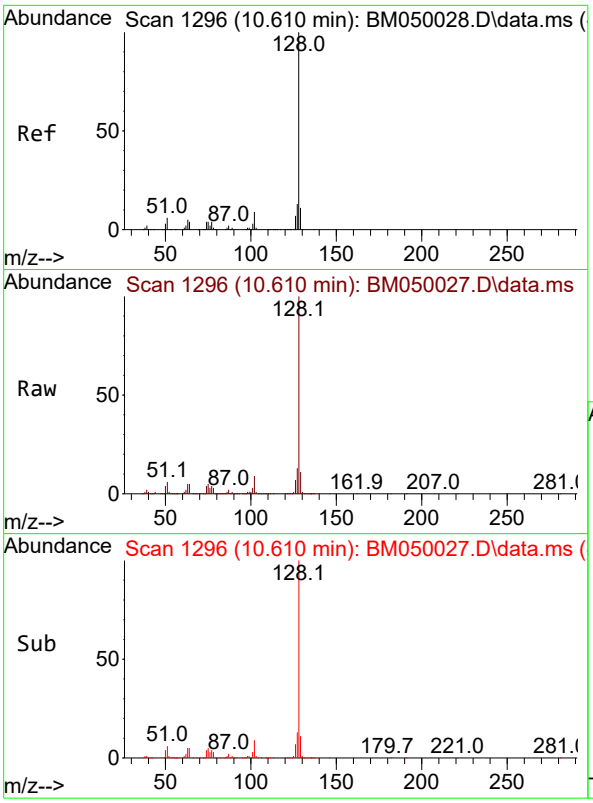


#30
1,2,4-Trichlorobenzene
Concen: 19.397 ng
RT: 10.428 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:180 Resp: 352792

Ion	Ratio	Lower	Upper
180	100		
182	97.8	77.0	115.4
145	26.6	20.6	30.8





#31
Naphthalene
Concen: 19.618 ng
RT: 10.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:128 Resp: 89053

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.6	10.4	15.6

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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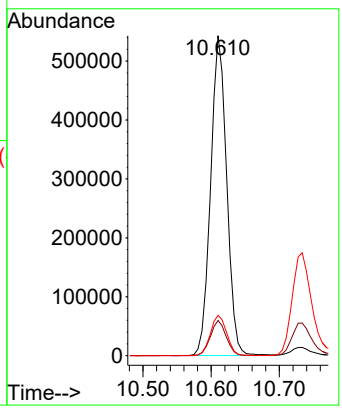
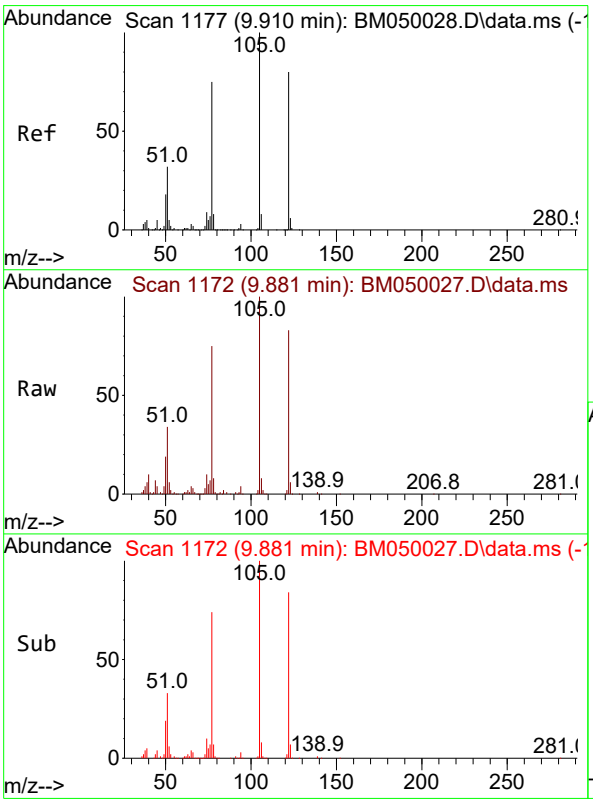
Supervised By :Jagrut Upadhyay 04/29/2025

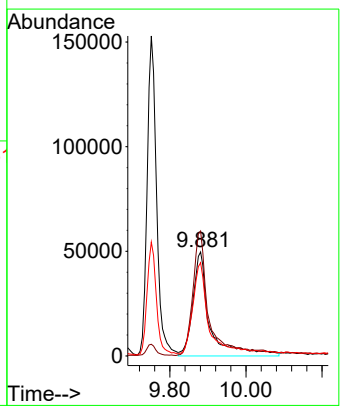


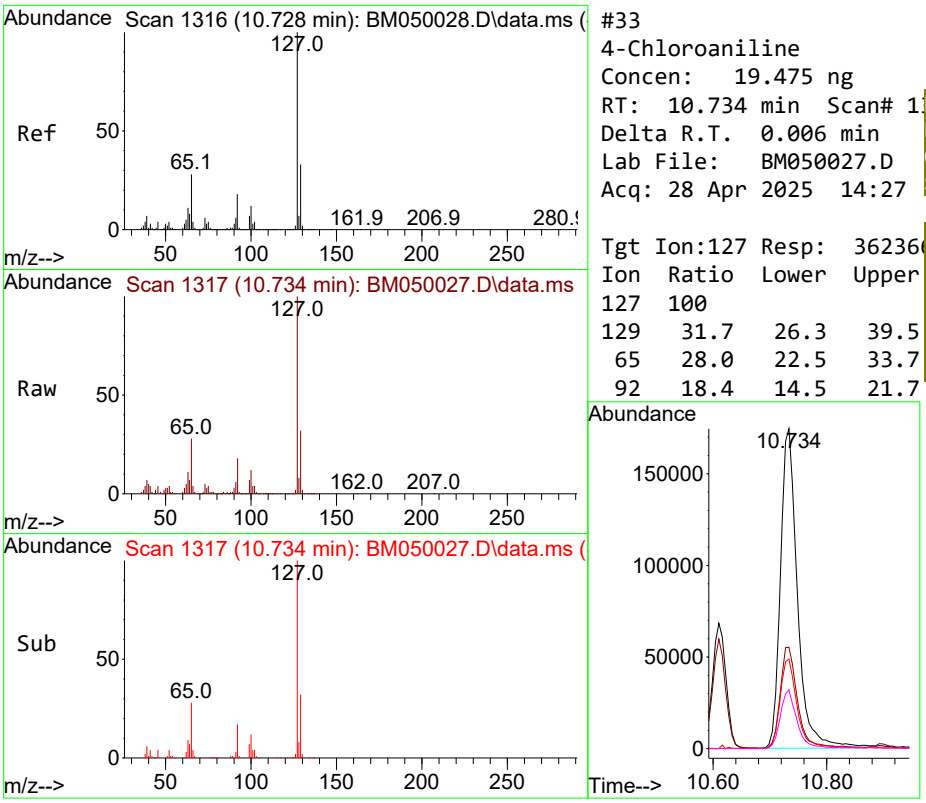


#32
Benzoic acid
Concen: 18.168 ng m
RT: 9.881 min Scan# 1172
Delta R.T. -0.029 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:122 Resp: 154412

Ion	Ratio	Lower	Upper
122	100		
105	120.1	103.6	143.6
77	89.7	73.7	113.7





#33
4-Chloroaniline
Concen: 19.475 ng
RT: 10.734 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:127 Resp: 36236

Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.3	39.5
65	28.0	22.5	33.7
92	18.4	14.5	21.7

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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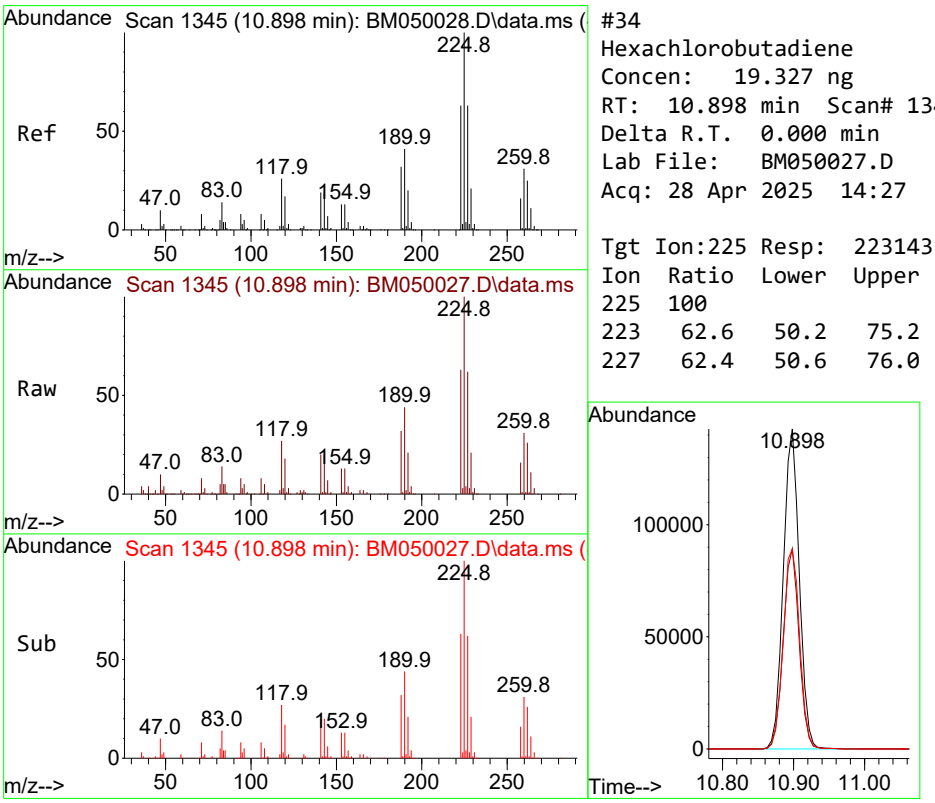
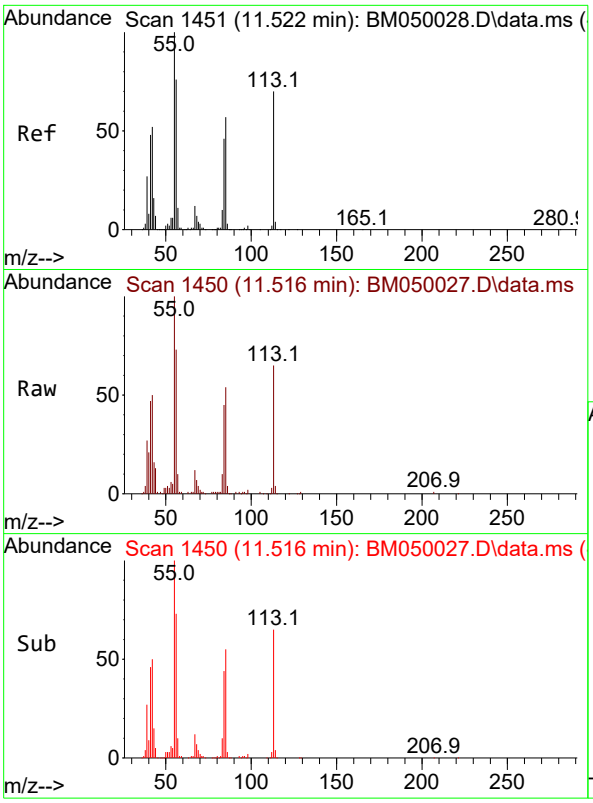


#34
Hexachlorobutadiene
Concen: 19.327 ng
RT: 10.898 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:225 Resp: 223143

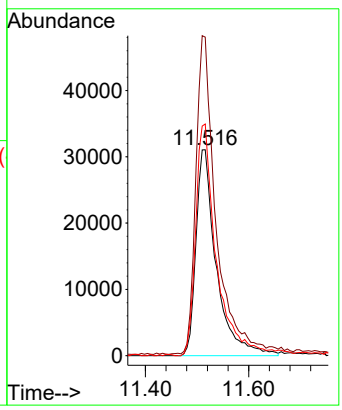
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.2	75.2
227	62.4	50.6	76.0



#35
Caprolactam
Concen: 19.509 ng
RT: 11.516 min Scan# 14
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:113 Resp: 8491

Ion	Ratio	Lower	Upper
113	100		
55	154.8	122.9	162.9
56	112.6	88.1	128.1



Instrument :
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ClientSampleId :
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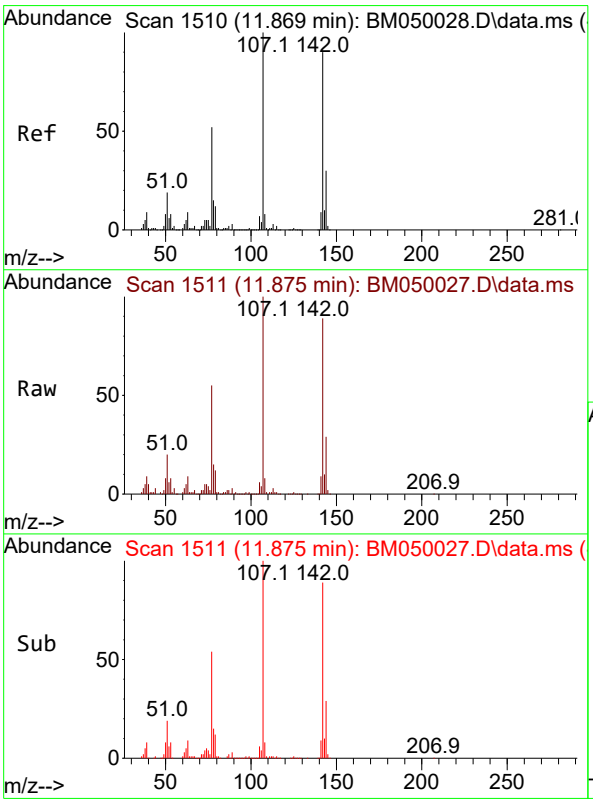
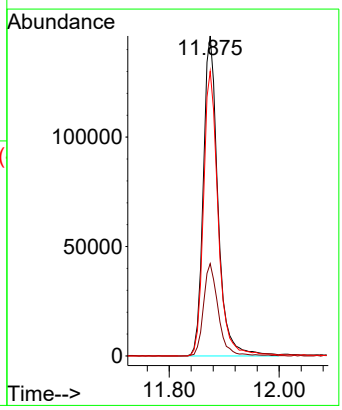
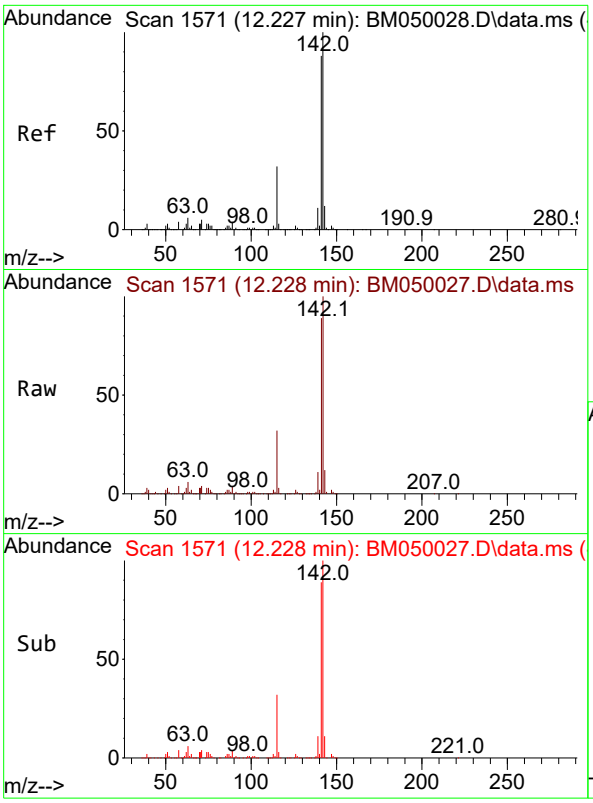


#36
4-Chloro-3-methylphenol
Concen: 19.613 ng
RT: 11.875 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:107 Resp: 270510

Ion	Ratio	Lower	Upper
107	100		
144	28.8	23.8	35.6
142	89.0	71.9	107.9

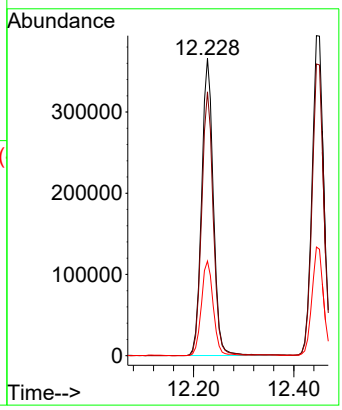




#37
2-Methylnaphthalene
Concen: 19.498 ng
RT: 12.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:142 Resp: 59340

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.4	105.6
115	31.8	25.4	38.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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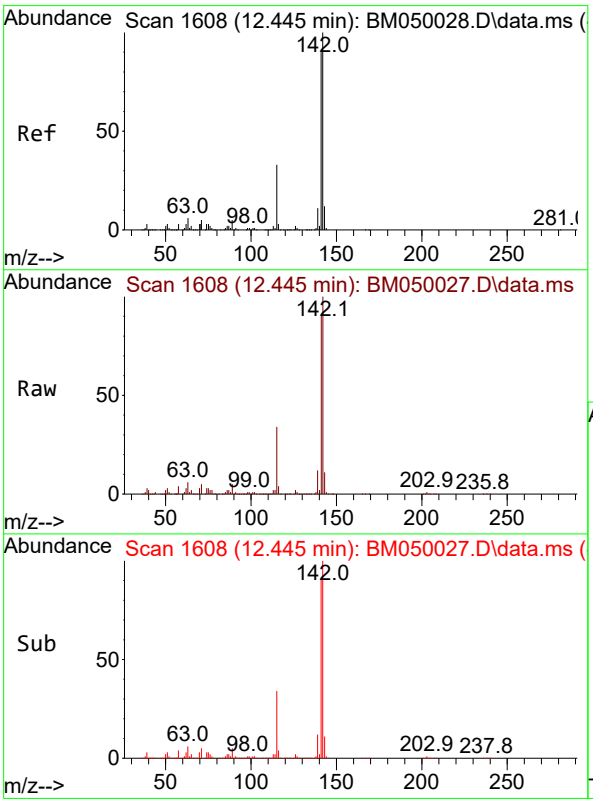
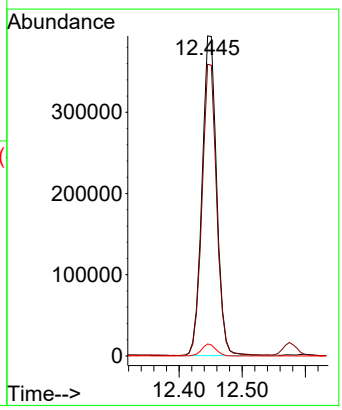
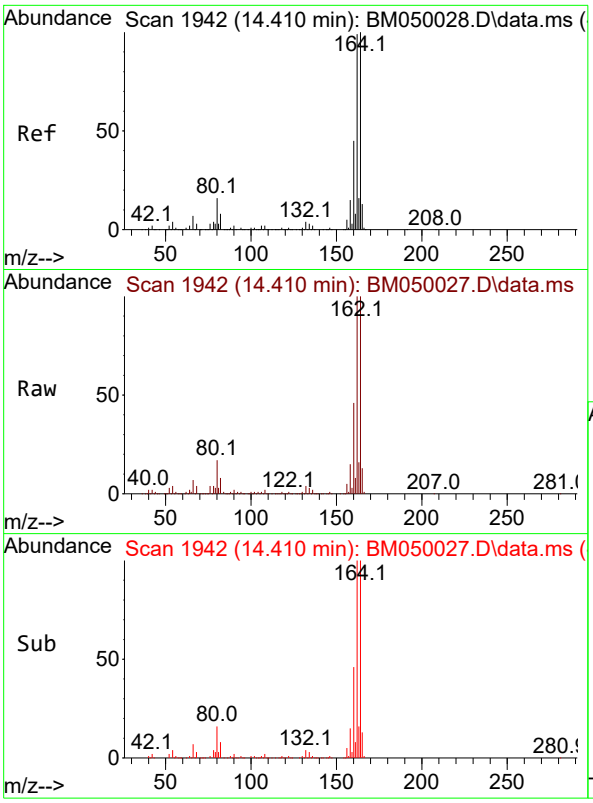


#38
1-Methylnaphthalene
Concen: 19.694 ng
RT: 12.445 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:142 Resp: 634293

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.1	108.1
116	3.8	2.7	4.1

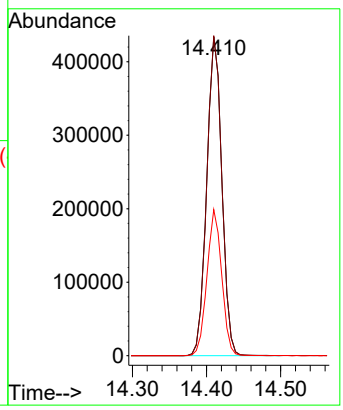




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:164 Resp: 61468

Ion	Ratio	Lower	Upper
164	100		
162	100.4	79.4	119.0
160	45.8	36.2	54.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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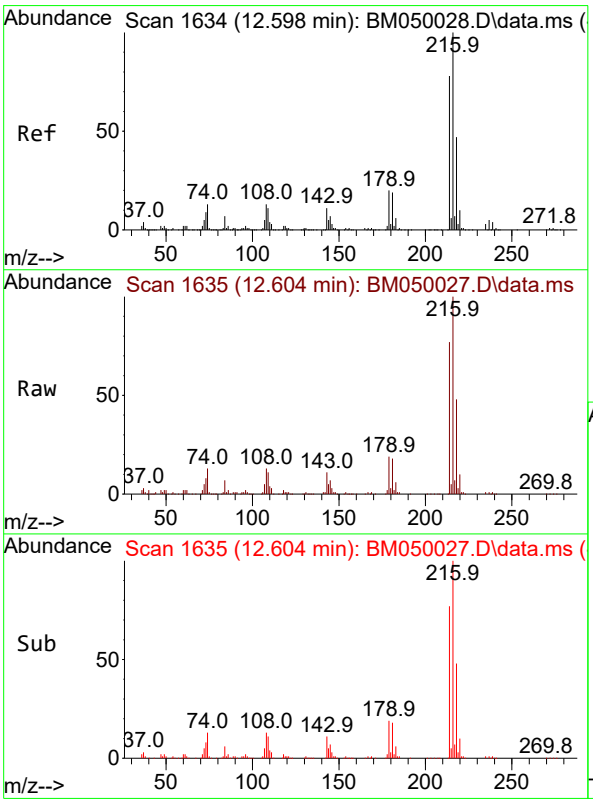
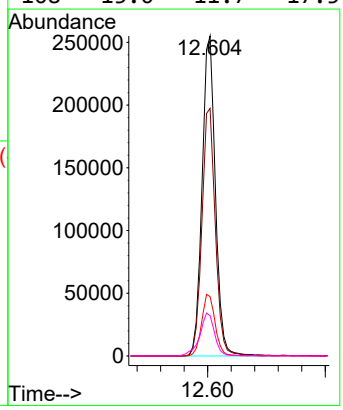
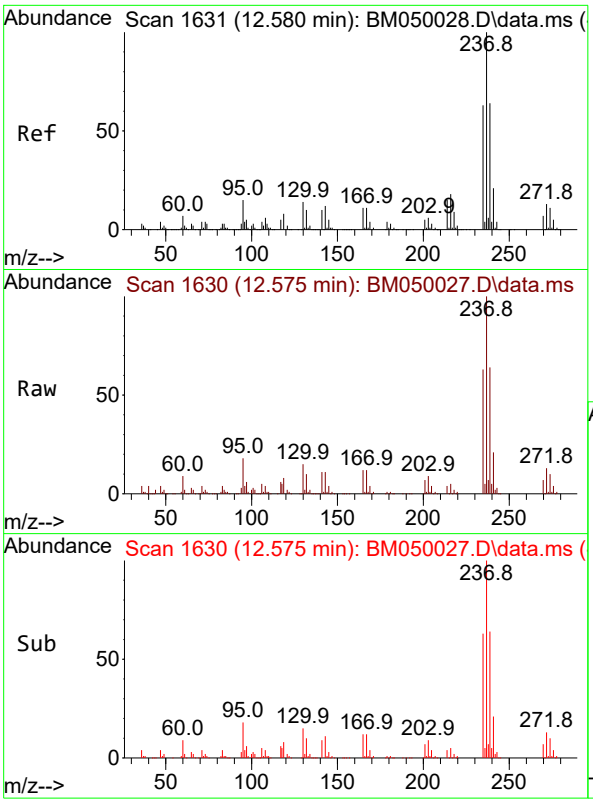


#40
1,2,4,5-Tetrachlorobenzene
Concen: 18.909 ng
RT: 12.604 min Scan# 1635
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:216 Resp: 402355

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.3	93.5
179	19.6	15.4	23.0
108	15.0	11.7	17.5

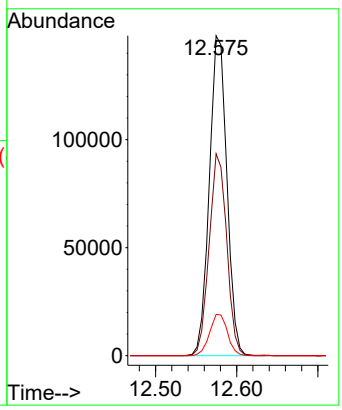




#41
Hexachlorocyclopentadiene
Concen: 17.091 ng
RT: 12.575 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:237 Resp: 22225

Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.9	82.9
272	12.9	0.0	32.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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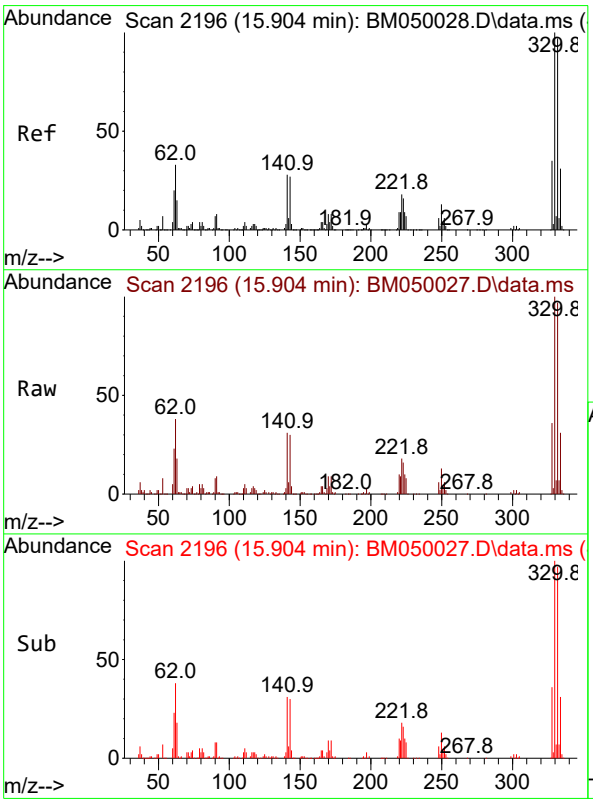
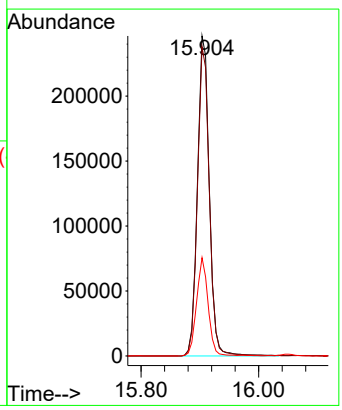
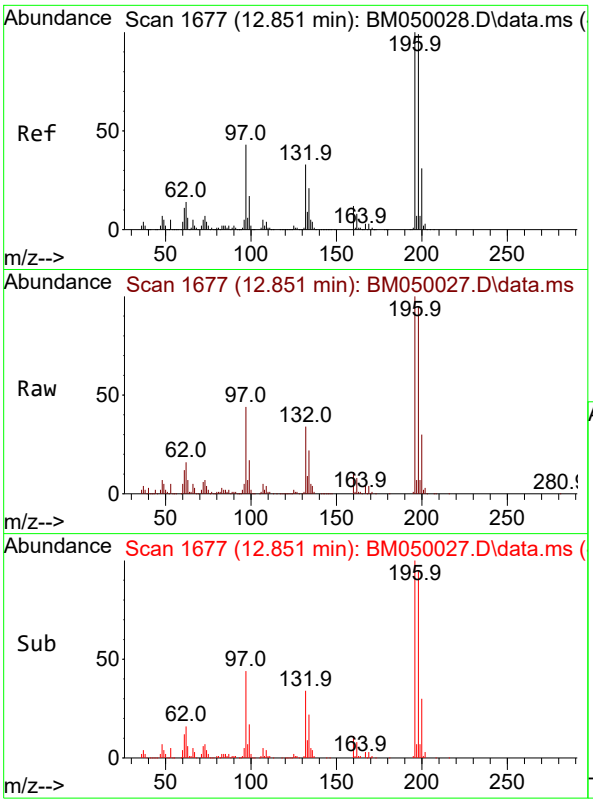


#42
2,4,6-Tribromophenol
Concen: 37.960 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:330 Resp: 345020

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	30.1	22.5	33.7

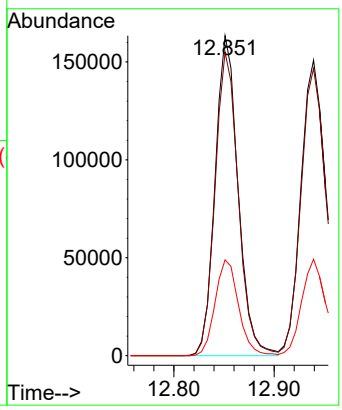




#43
2,4,6-Trichlorophenol
Concen: 19.276 ng
RT: 12.851 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:196 Resp: 26016

Ion	Ratio	Lower	Upper
196	100		
198	94.8	79.0	118.6
200	30.0	25.1	37.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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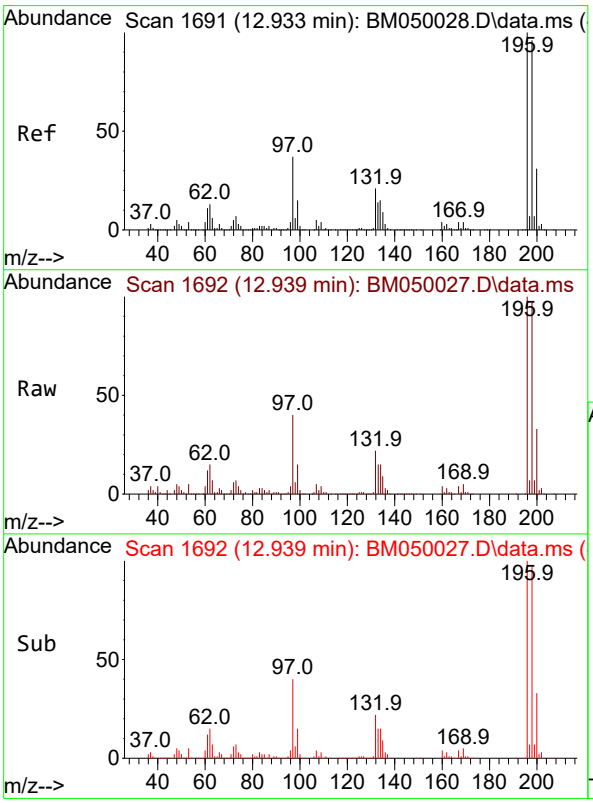
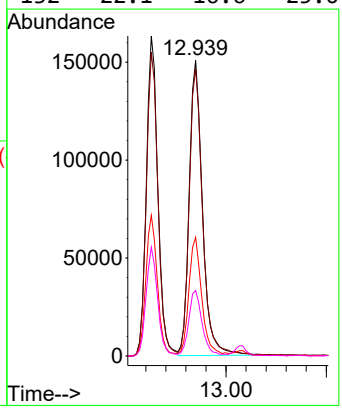
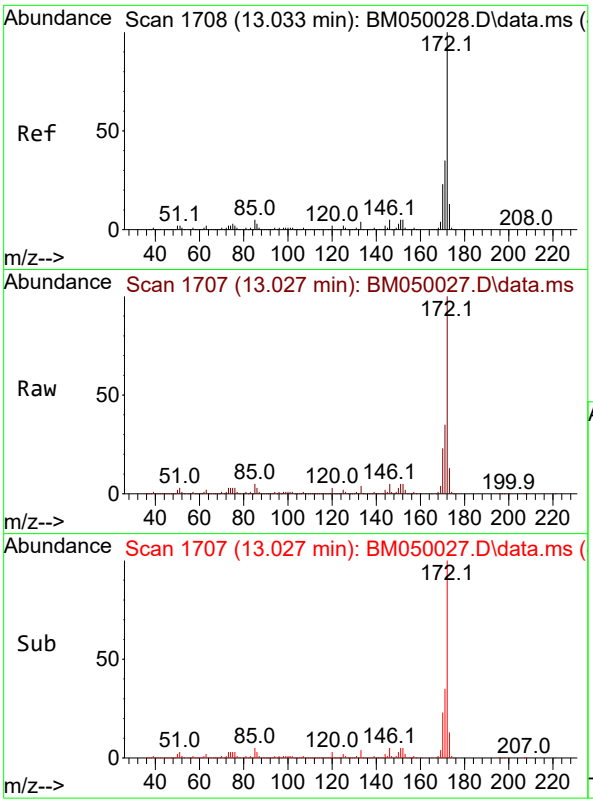


#44
2,4,5-Trichlorophenol
Concen: 19.123 ng
RT: 12.939 min Scan# 1692
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:196 Resp: 278307

Ion	Ratio	Lower	Upper
196	100		
198	97.2	76.7	115.1
97	40.1	30.1	45.1
132	22.1	16.6	25.0

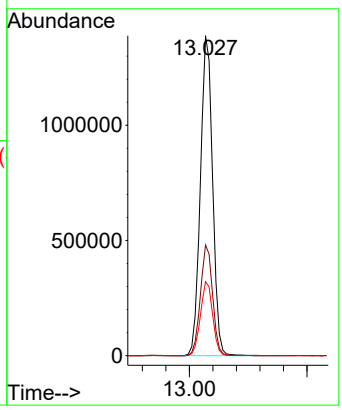




#45
2-Fluorobiphenyl
Concen: 38.602 ng
RT: 13.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:172 Resp: 200578

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.2	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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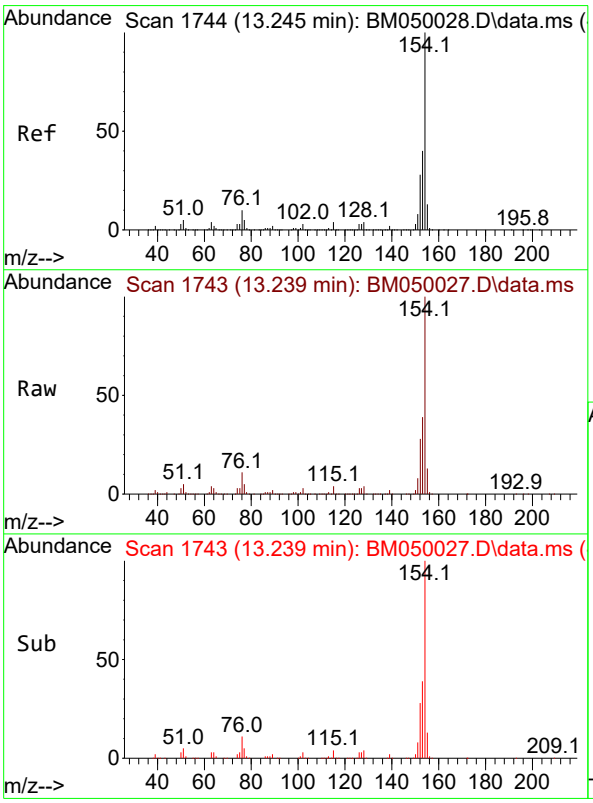
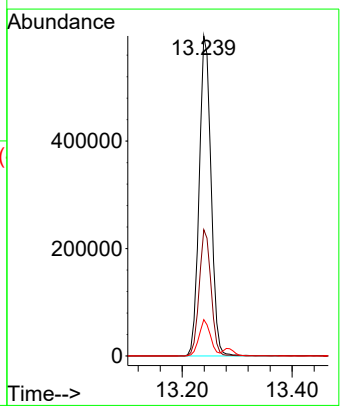
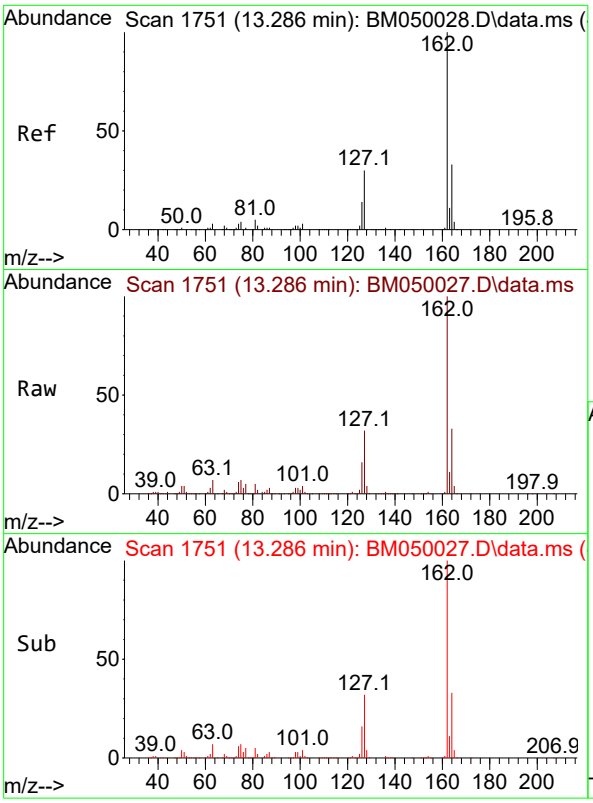


#46
1,1'-Biphenyl
Concen: 19.530 ng
RT: 13.239 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:154 Resp: 892394

Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.0	60.0
76	11.3	0.0	30.3

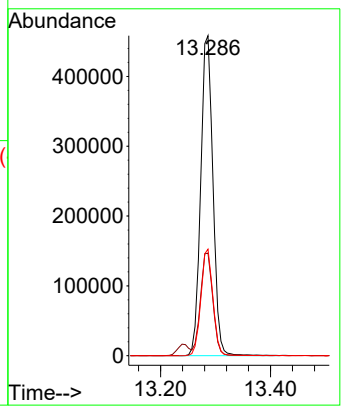




#47
2-Chloronaphthalene
Concen: 19.614 ng
RT: 13.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:162 Resp: 70981

Ion	Ratio	Lower	Upper
162	100		
127	32.0	25.9	38.9
164	33.3	26.6	40.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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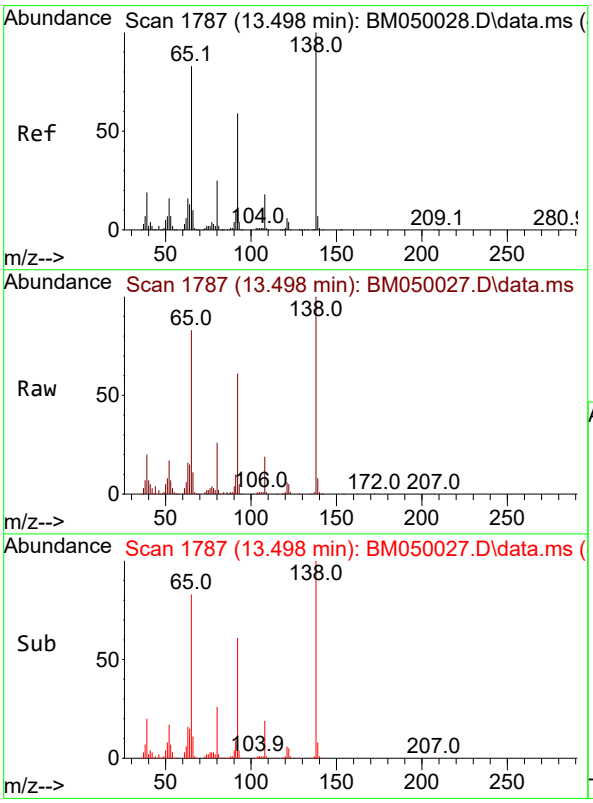
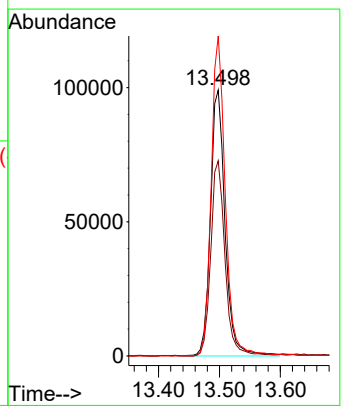
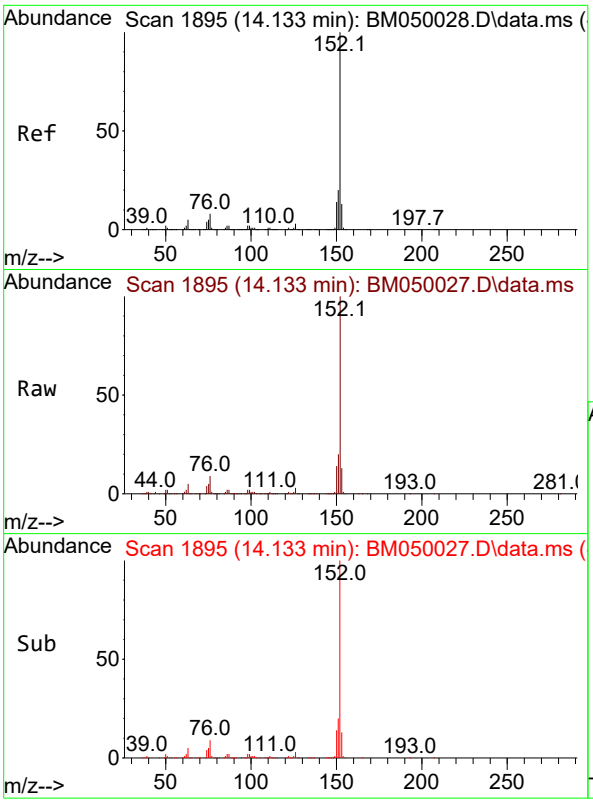


#48
2-Nitroaniline
Concen: 19.465 ng
RT: 13.498 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 65 Resp: 165324

Ion	Ratio	Lower	Upper
65	100		
92	73.4	57.1	85.7
138	120.3	97.0	145.4

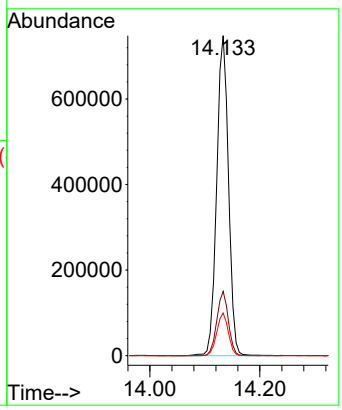




#49
Acenaphthylene
Concen: 19.502 ng
RT: 14.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:152 Resp: 111276

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.3	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
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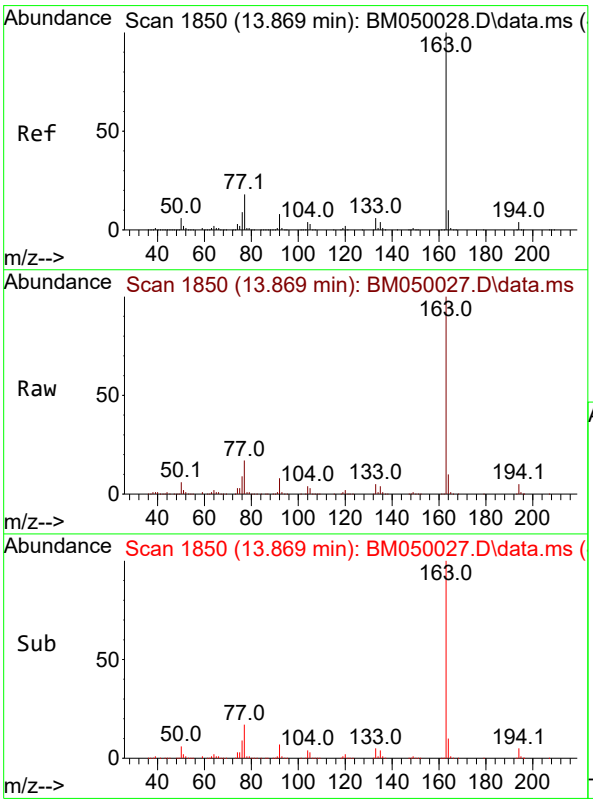
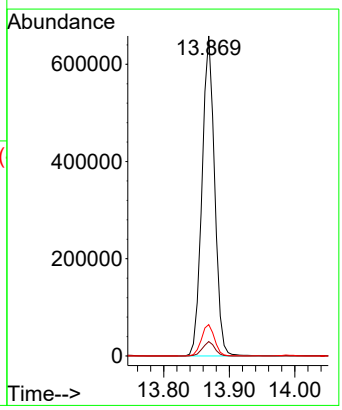
Supervised By :Jagrut Upadhyay 04/29/2025

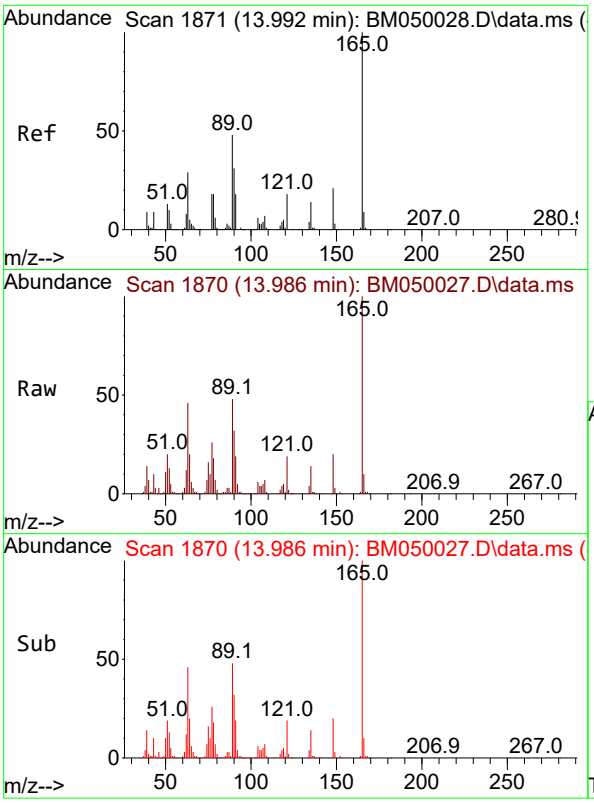


#50
Dimethylphthalate
Concen: 19.659 ng
RT: 13.869 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:163 Resp: 883120

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	9.8	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 19.729 ng
RT: 13.986 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:165 Resp: 18349

Ion	Ratio	Lower	Upper
165	100		
63	45.7	35.1	52.7
89	48.1	38.4	57.6

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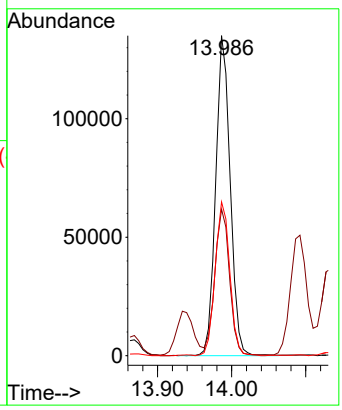
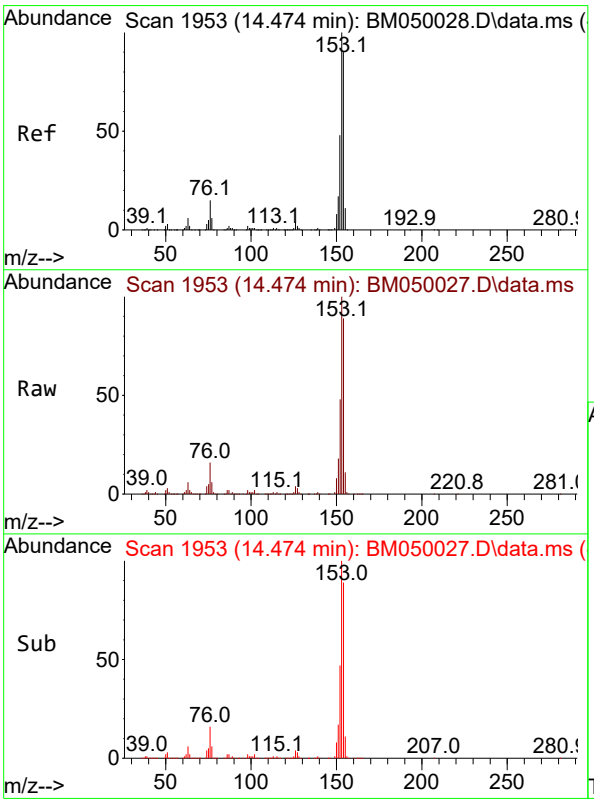
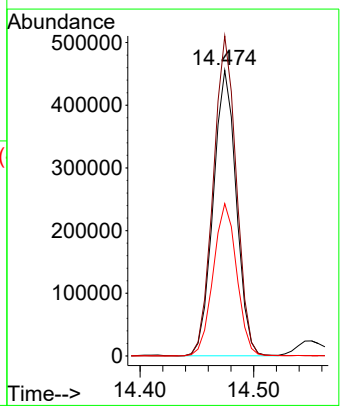


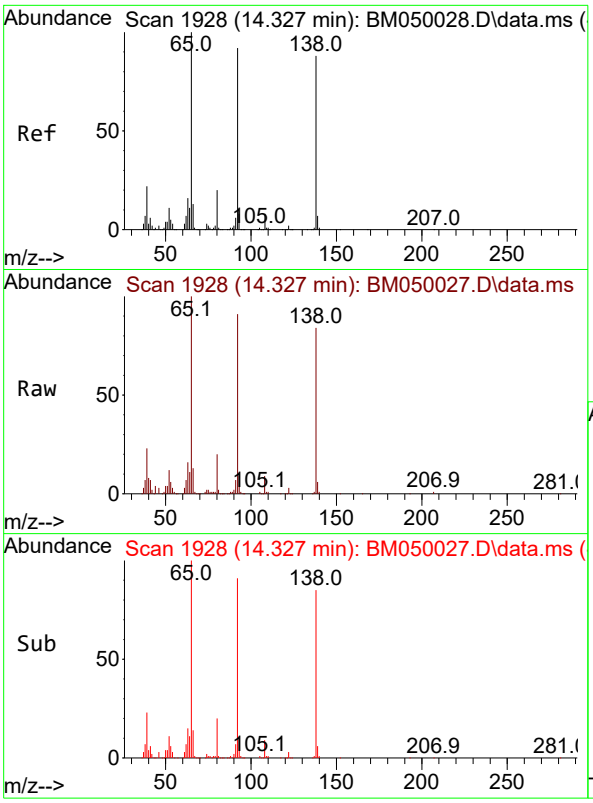


#52
Acenaphthene
Concen: 19.474 ng
RT: 14.474 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:154 Resp: 643177

Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.0	133.4
152	53.3	43.0	64.6





#53
3-Nitroaniline
Concen: 19.666 ng
RT: 14.327 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:138 Resp: 17462

Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.4	11.2
92	107.9	84.0	126.0

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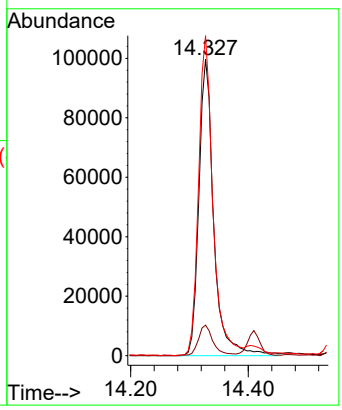
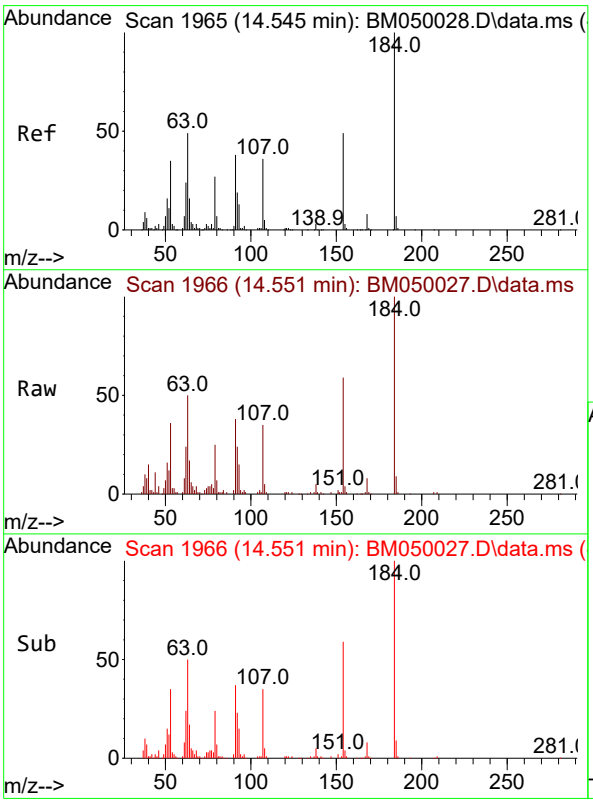
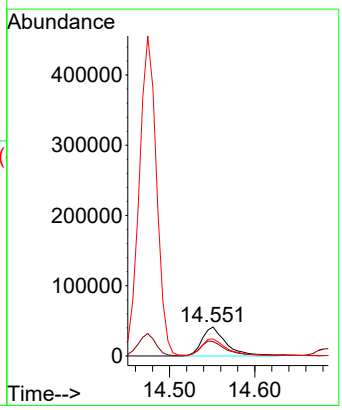


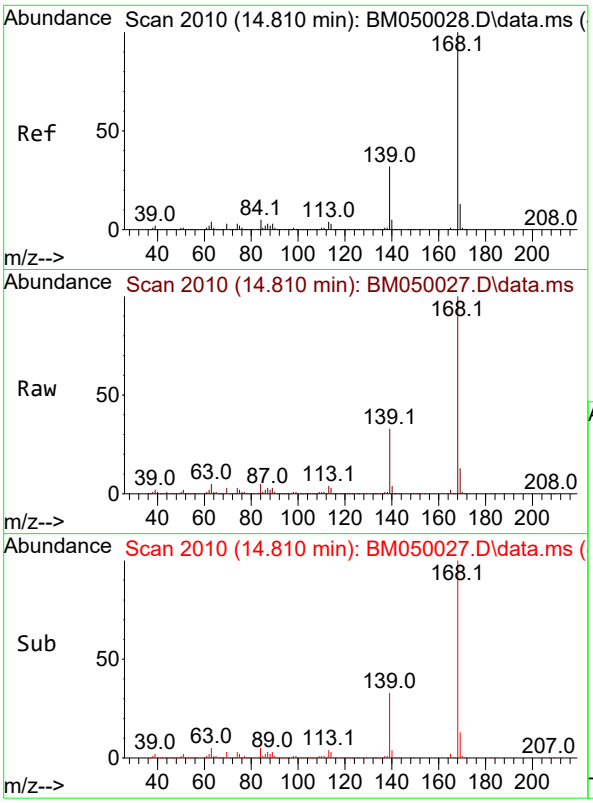


#54
2,4-Dinitrophenol
Concen: 18.373 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:184 Resp: 80991

Ion	Ratio	Lower	Upper
184	100		
63	50.1	39.8	59.6
154	58.5	46.1	69.1

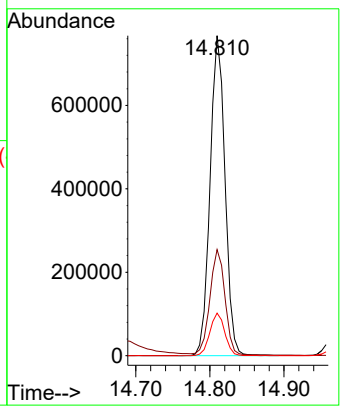




#55
Dibenzofuran
Concen: 19.562 ng
RT: 14.810 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:168 Resp: 107497

Ion	Ratio	Lower	Upper
168	100		
139	33.2	26.1	39.1
169	13.3	10.8	16.2



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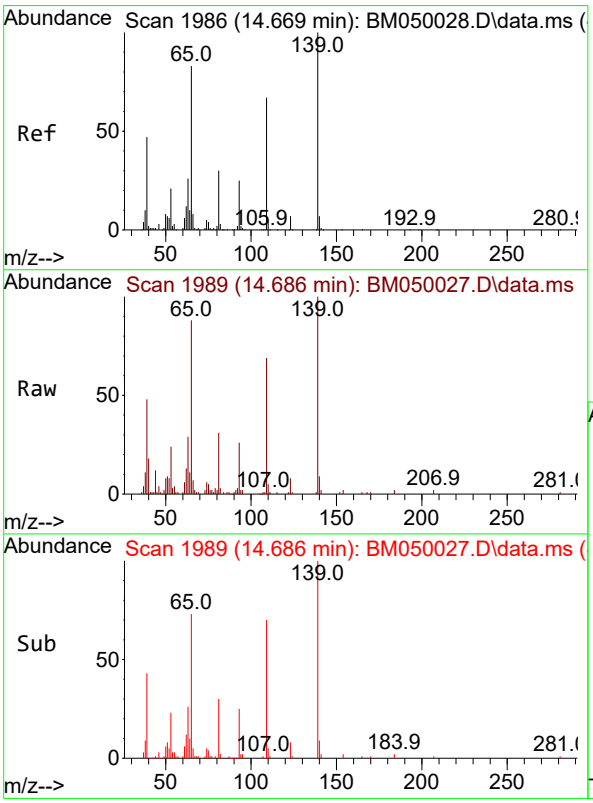
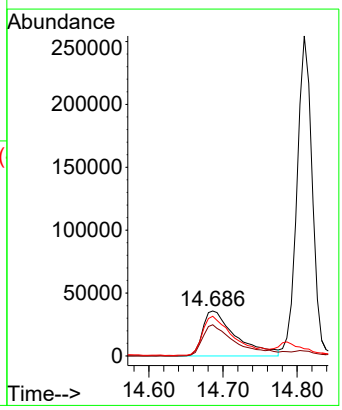
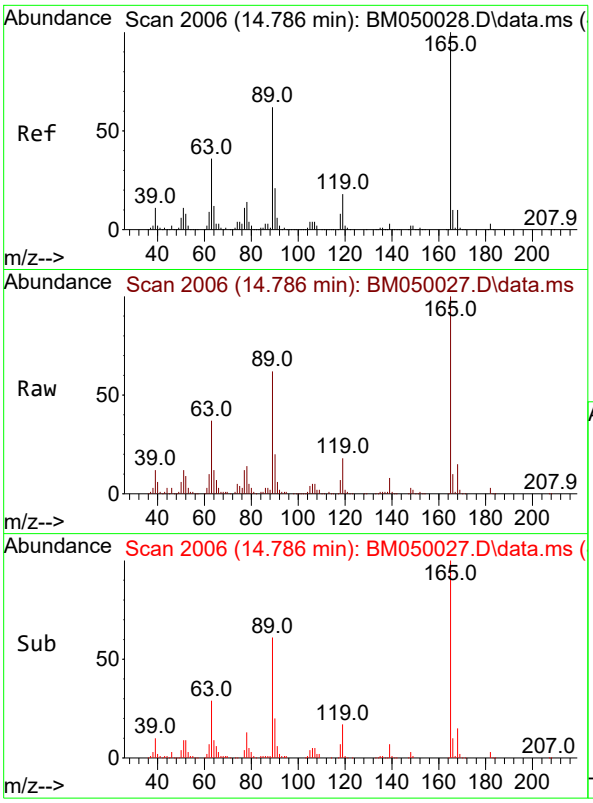


#56
4-Nitrophenol
Concen: 19.021 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.017 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:139 Resp: 110948

Ion	Ratio	Lower	Upper
139	100		
109	69.3	47.0	87.0
65	88.3	64.3	104.3

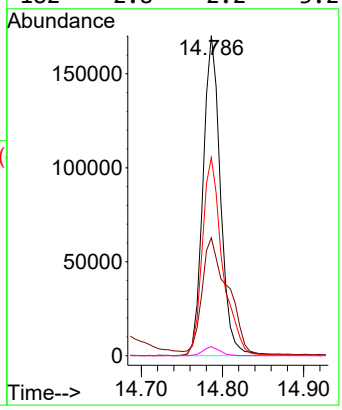




#57
2,4-Dinitrotoluene
Concen: 19.685 ng
RT: 14.786 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:165 Resp: 25299

Ion	Ratio	Lower	Upper
165	100		
63	36.9	29.0	43.6
89	61.9	49.4	74.2
182	2.8	2.2	3.2



Instrument :
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ClientSampleId :
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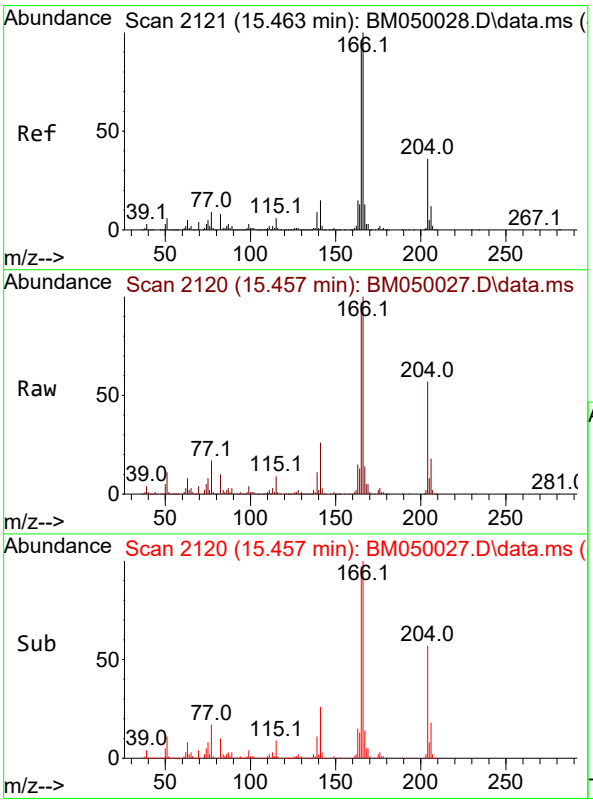
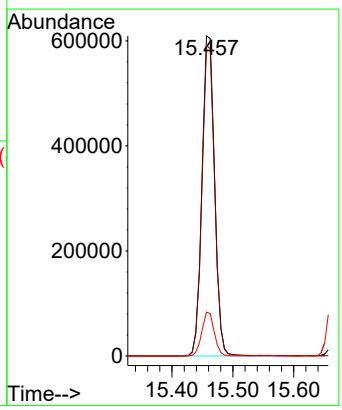
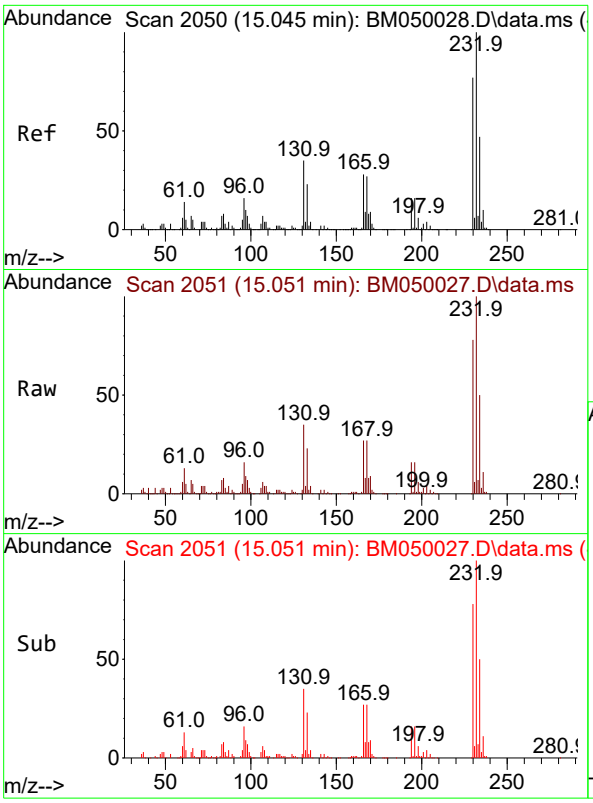


#58
Fluorene
Concen: 19.553 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:166 Resp: 879470

Ion	Ratio	Lower	Upper
166	100		
165	97.0	76.6	115.0
167	13.7	10.6	16.0

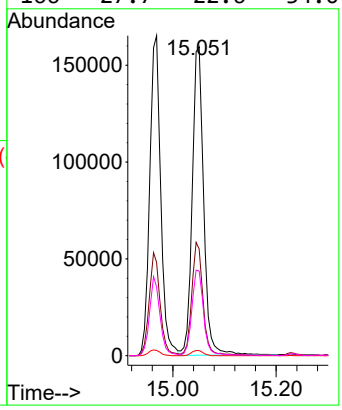




#59
2,3,4,6-Tetrachlorophenol
Concen: 19.442 ng
RT: 15.051 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:232 Resp: 24492

Ion	Ratio	Lower	Upper
232	100		
131	35.9	28.2	42.4
130	1.7	1.5	2.3
166	27.7	22.6	34.0



Instrument :
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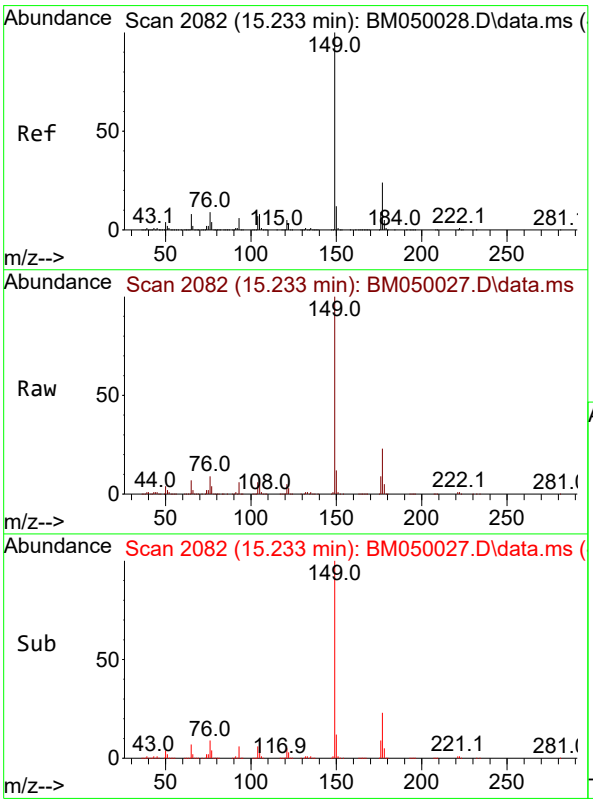
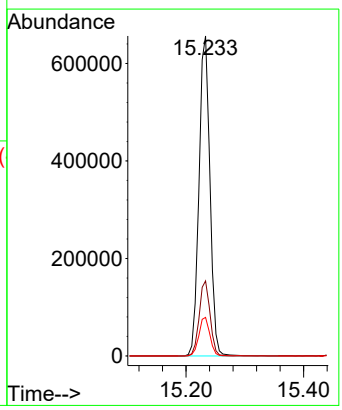
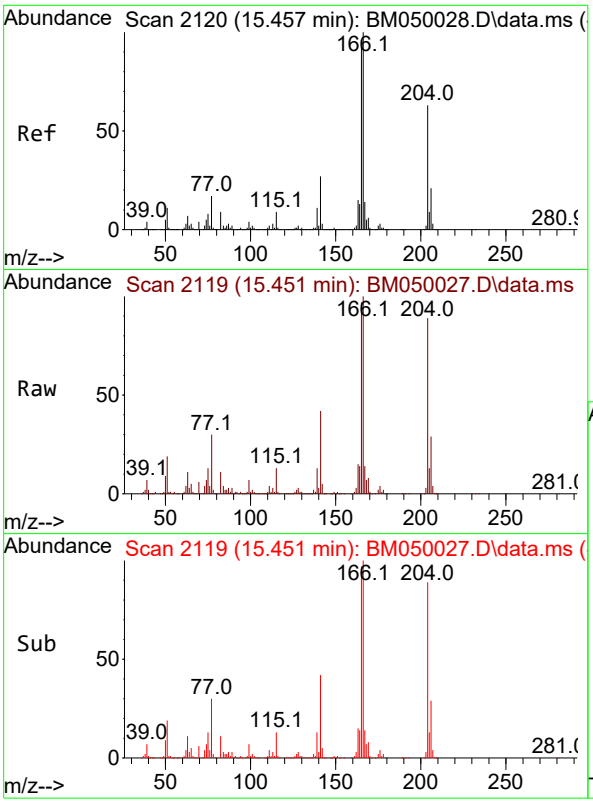


#60
Diethylphthalate
Concen: 20.034 ng
RT: 15.233 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:149 Resp: 848021

Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.1	28.7
150	12.1	9.6	14.4

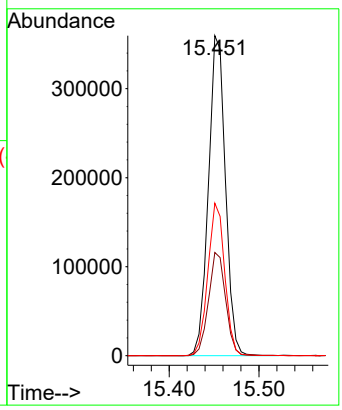




#61
4-Chlorophenyl-phenylether
Concen: 19.157 ng
RT: 15.451 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:204 Resp: 47327

Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.3	39.5
141	47.7	34.0	51.0



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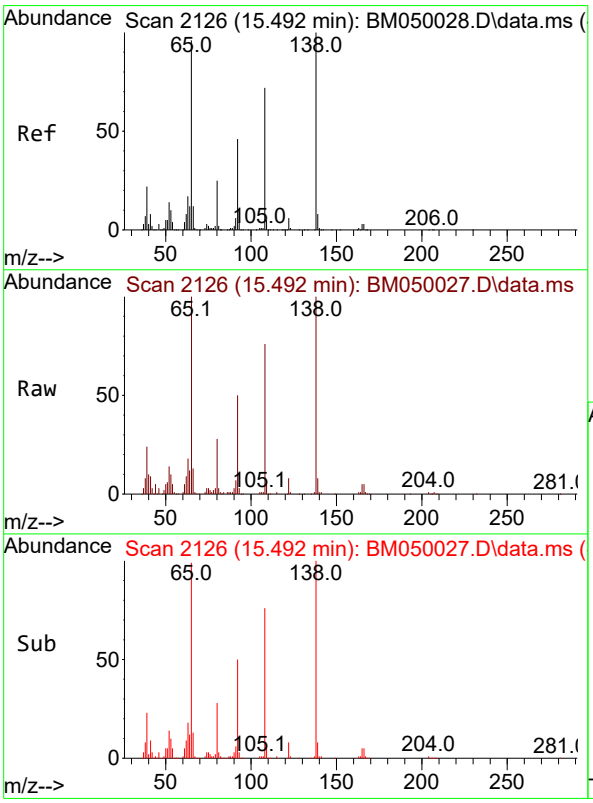
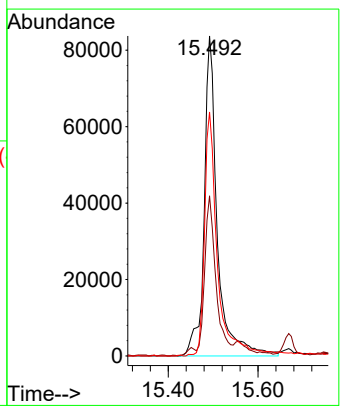
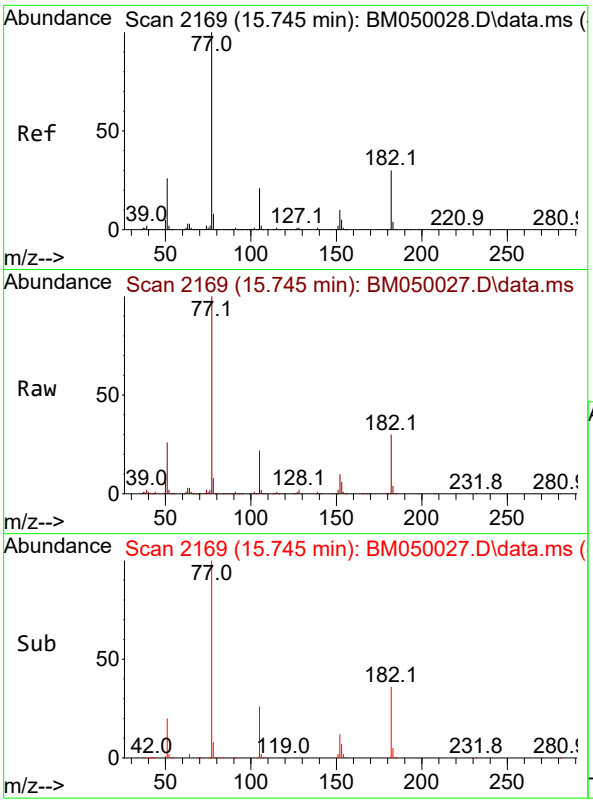


#62
4-Nitroaniline
Concen: 19.880 ng
RT: 15.492 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:138 Resp: 170438

Ion	Ratio	Lower	Upper
138	100		
92	50.0	25.9	65.9
108	76.3	52.4	92.4

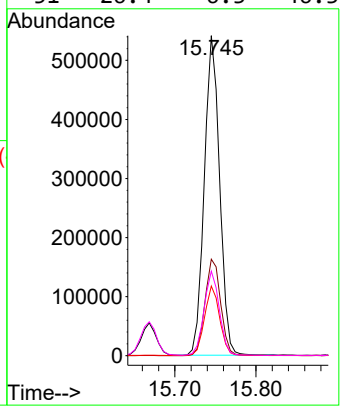




#63
Azobenzene
Concen: 19.930 ng
RT: 15.745 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 77 Resp: 70702

Ion	Ratio	Lower	Upper
77	100		
182	30.2	10.5	50.5
105	21.8	1.1	41.1
51	26.4	6.3	46.3



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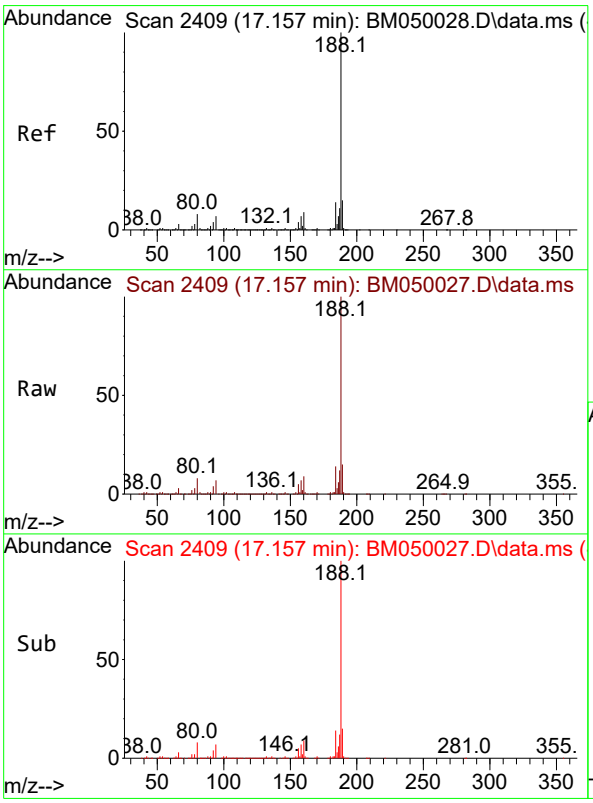
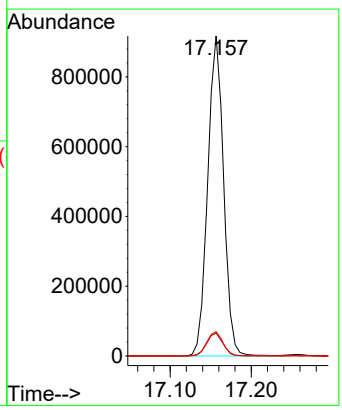
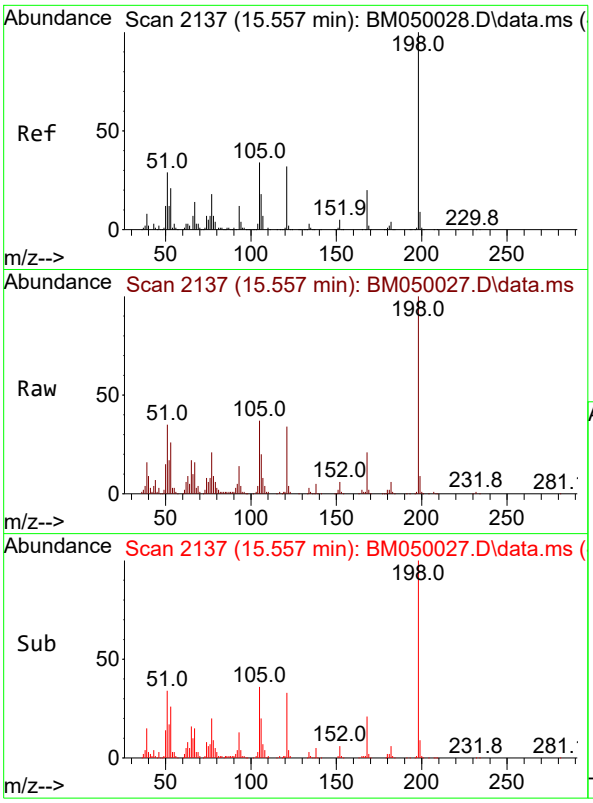


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:188 Resp: 1244440

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	7.6	6.2	9.4





#65
4,6-Dinitro-2-methylphenol
Concen: 17.576 ng
RT: 15.557 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:198 Resp: 13691

Ion	Ratio	Lower	Upper
198	100		
51	34.7	10.4	50.4
105	37.2	14.6	54.6

Instrument :
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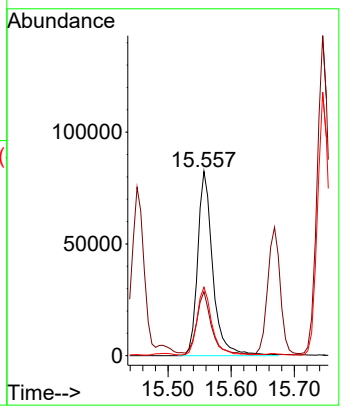
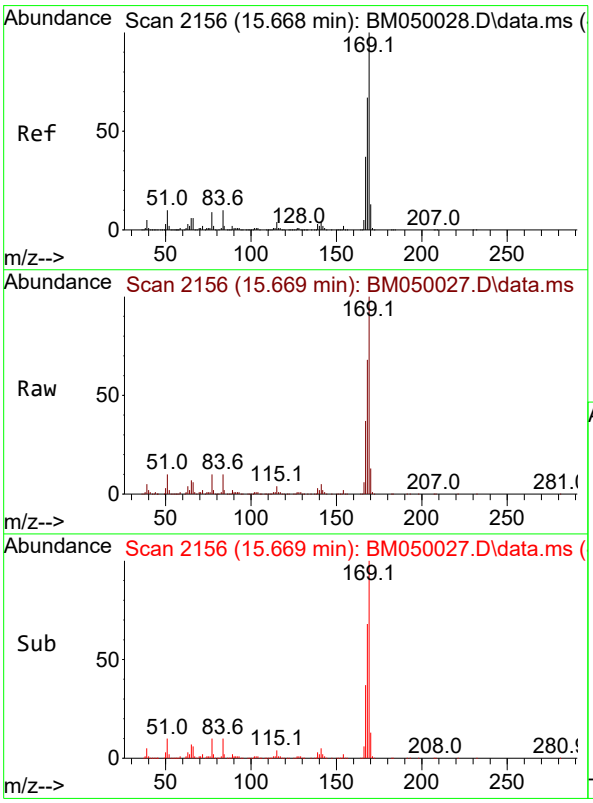
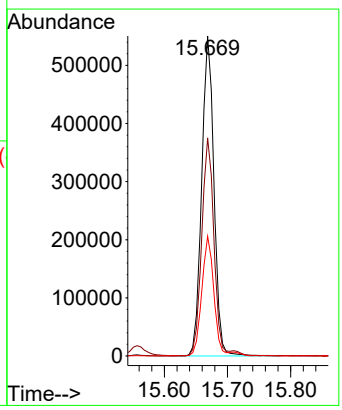


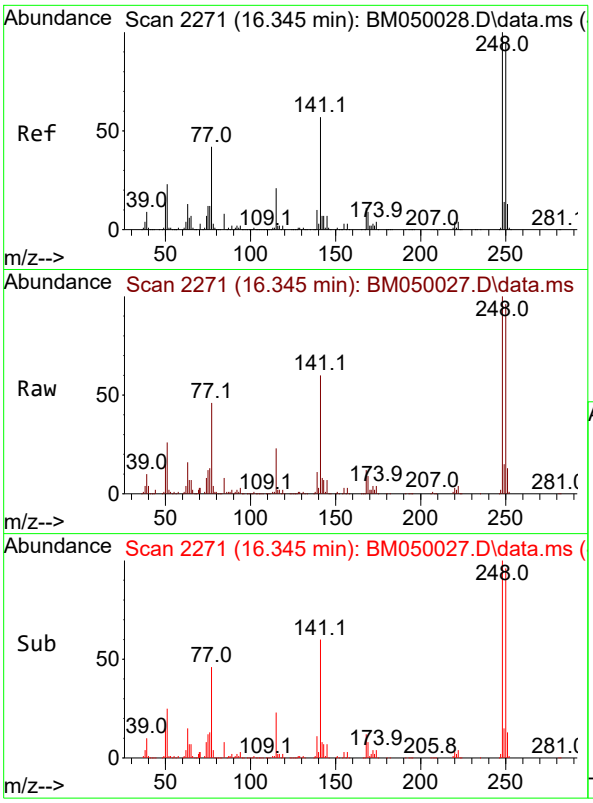


#66
n-Nitrosodiphenylamine
Concen: 19.415 ng
RT: 15.669 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:169 Resp: 741920

Ion	Ratio	Lower	Upper
169	100		
168	68.2	53.4	80.2
167	37.4	29.4	44.0

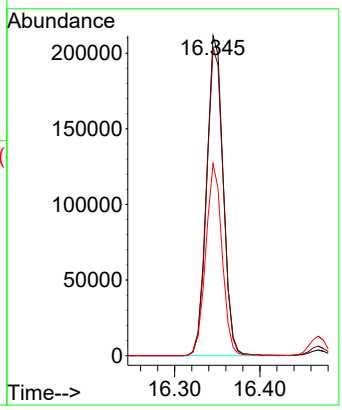




#67
4-Bromophenyl-phenylether
Concen: 18.962 ng
RT: 16.345 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:248 Resp: 28535

Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.2	114.2
141	60.0	45.9	68.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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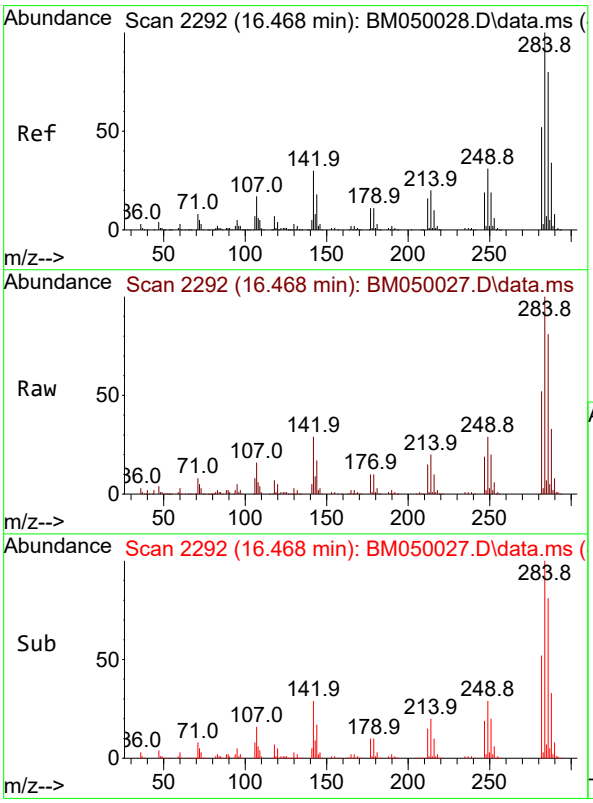
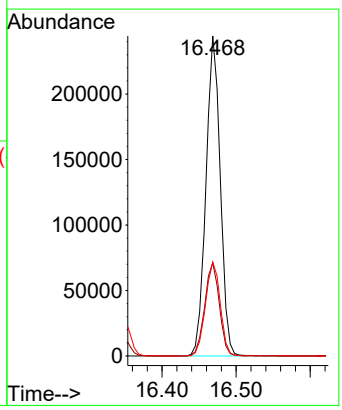
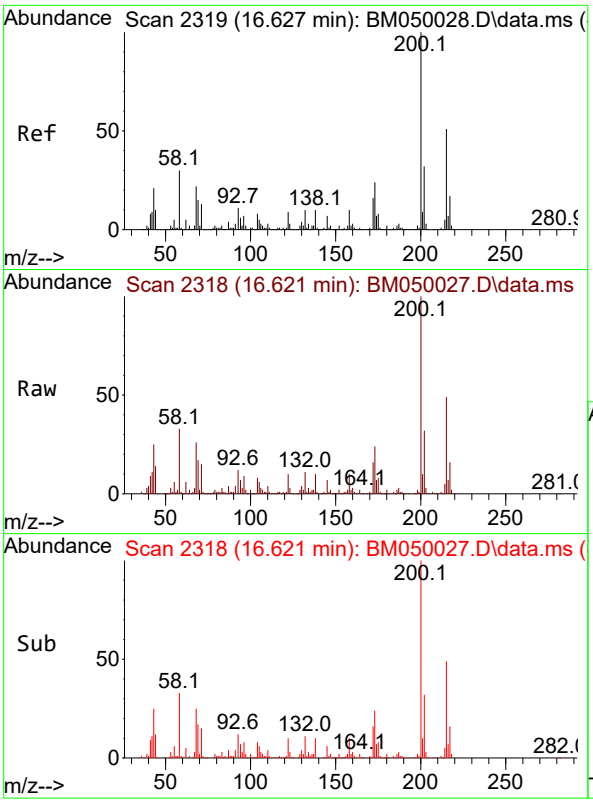


#68
Hexachlorobenzene
Concen: 18.903 ng
RT: 16.468 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:284 Resp: 327912

Ion	Ratio	Lower	Upper
284	100		
142	29.1	23.9	35.9
249	29.3	24.5	36.7

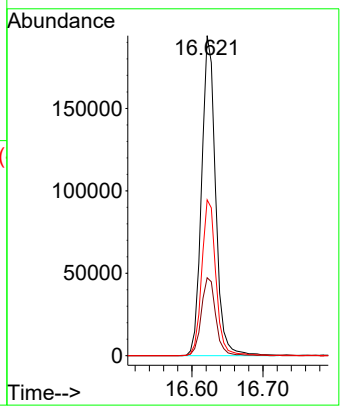




#69
Atrazine
Concen: 19.303 ng
RT: 16.621 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:200 Resp: 26606

Ion	Ratio	Lower	Upper
200	100		
173	24.3	4.3	44.3
215	48.7	30.6	70.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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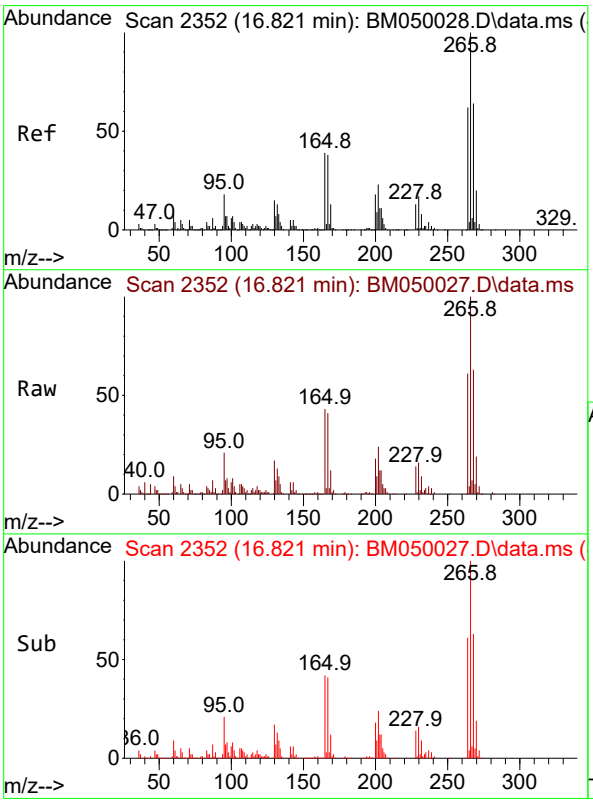
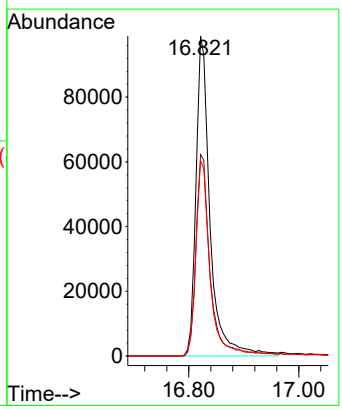
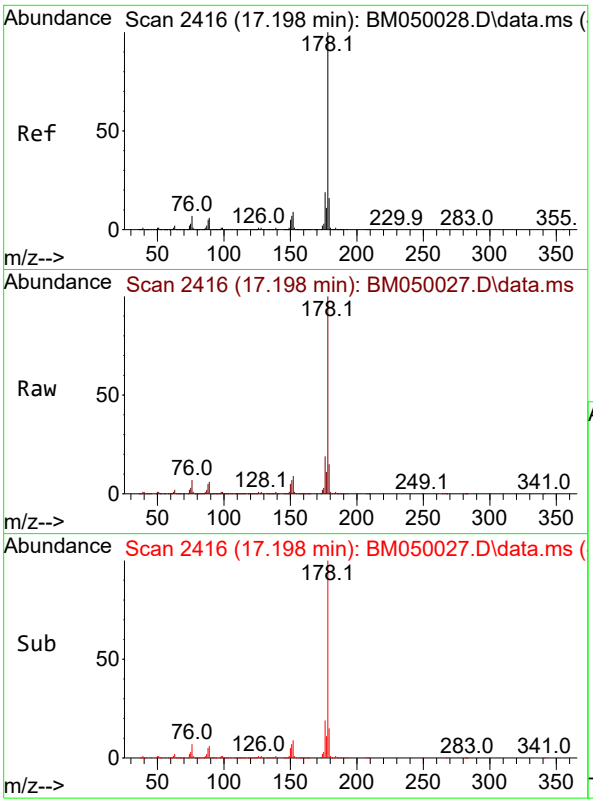


#70
Pentachlorophenol
Concen: 18.004 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:266 Resp: 175794

Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.2	76.8
264	60.9	49.6	74.4

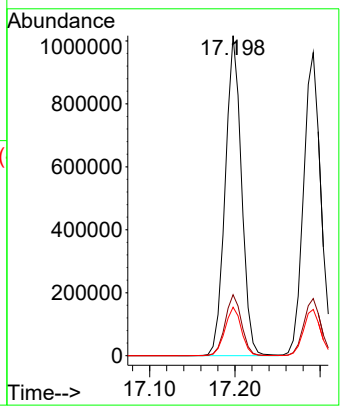




#71
Phenanthrene
Concen: 19.208 ng
RT: 17.198 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:178 Resp: 134819

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.1	12.4	18.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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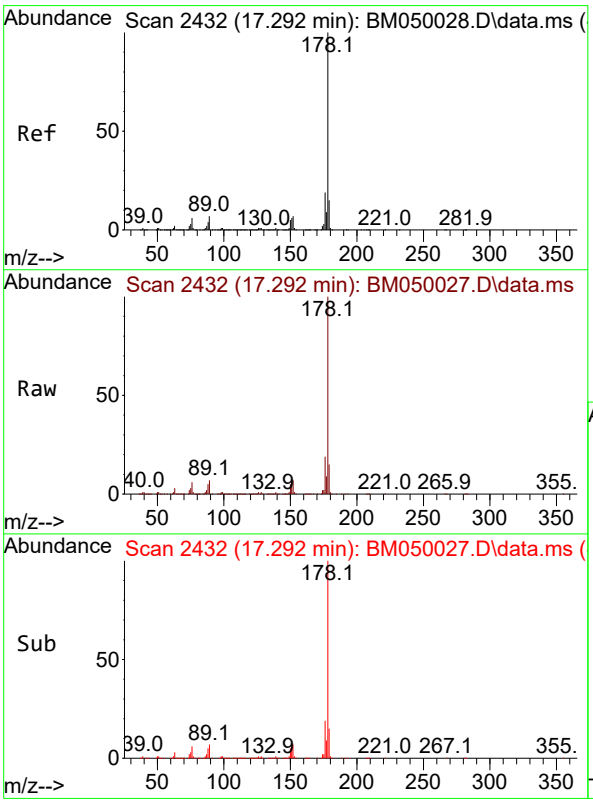
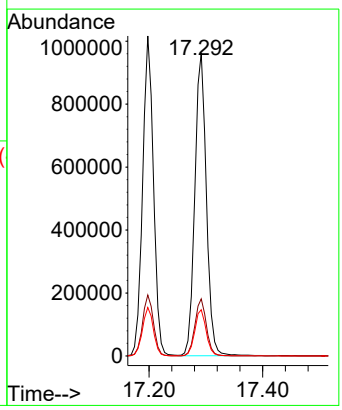
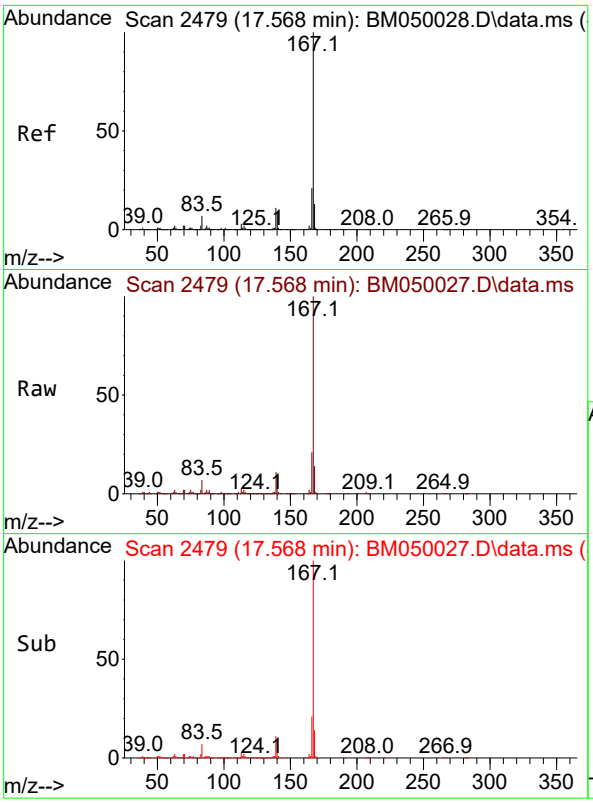


#72
Anthracene
Concen: 19.210 ng
RT: 17.292 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:178 Resp: 1364462

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.3	12.2	18.4

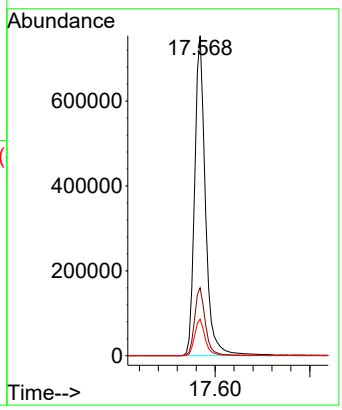




#73
Carbazole
Concen: 19.377 ng
RT: 17.568 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:167 Resp: 119431

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	11.4	9.0	13.6



Instrument :
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ClientSampleId :
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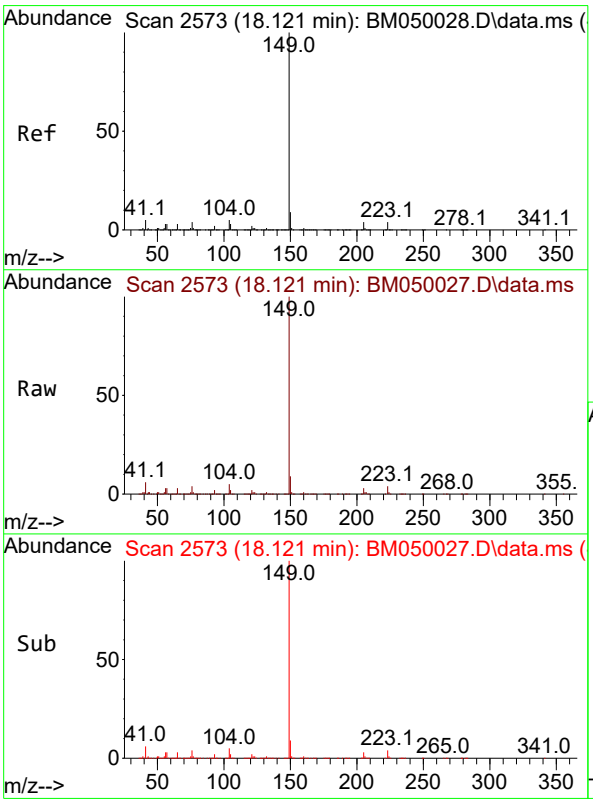
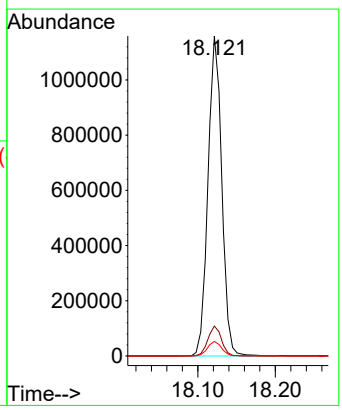
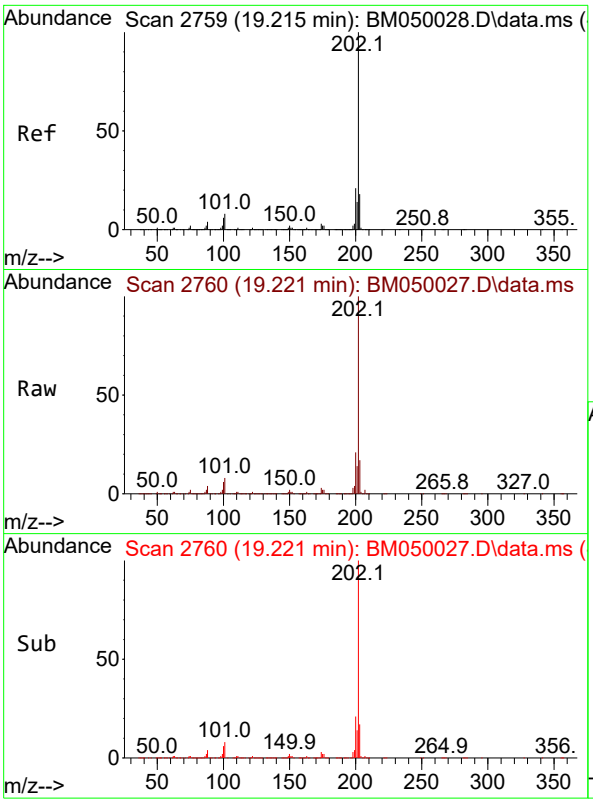


#74
Di-n-butylphthalate
Concen: 19.519 ng
RT: 18.121 min Scan# 2573
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:149 Resp: 1432688

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	4.6	3.8	5.6

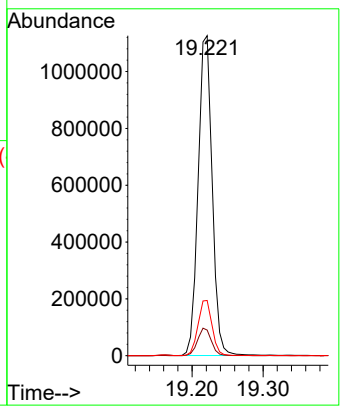




#75
Fluoranthene
Concen: 18.872 ng
RT: 19.221 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:202 Resp: 155516

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	28.0
203	17.2	0.0	37.7



Instrument :
BNA_M
ClientSampleId :
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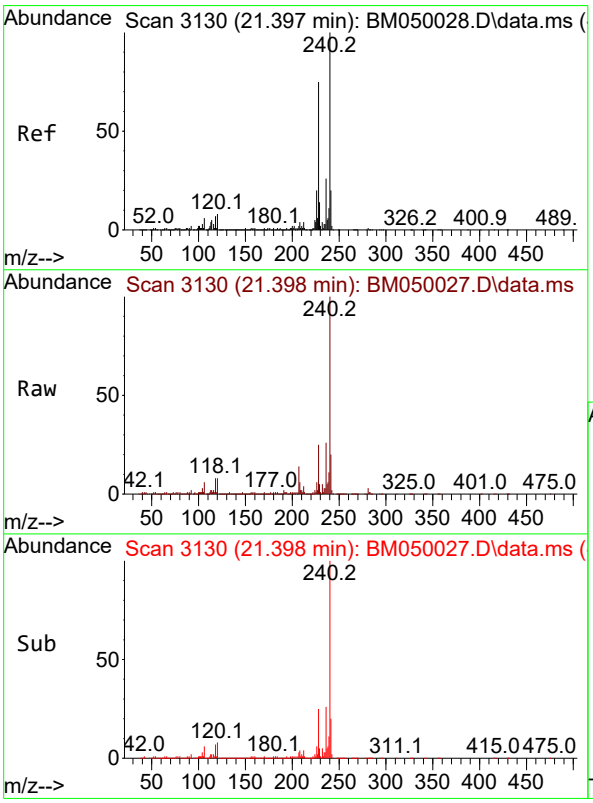
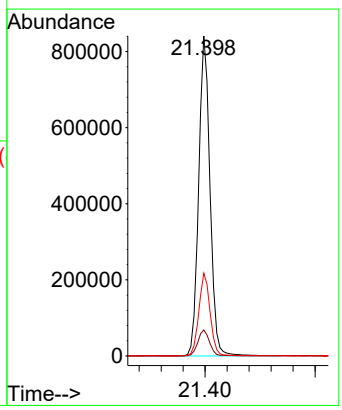
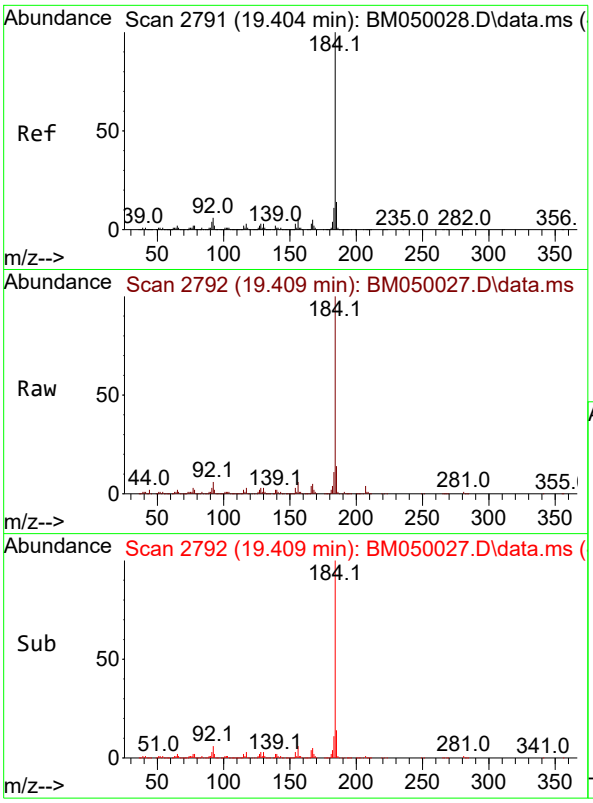


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. 0.001 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:240 Resp: 1204355

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.5	9.7
236	25.9	20.9	31.3

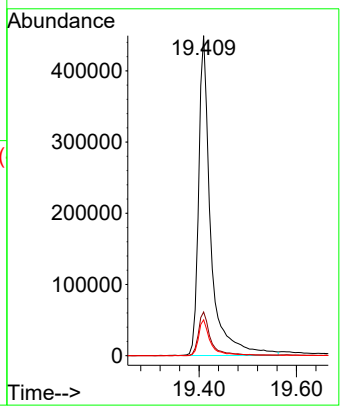




#77
Benzidine
Concen: 18.175 ng
RT: 19.409 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:184 Resp: 77750

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.5	17.3
183	11.2	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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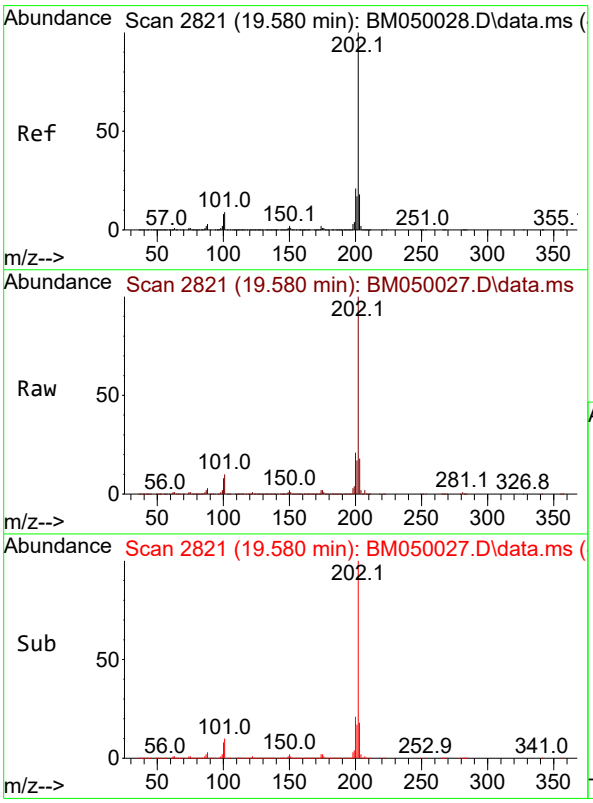
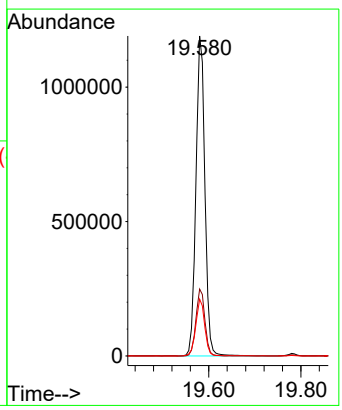
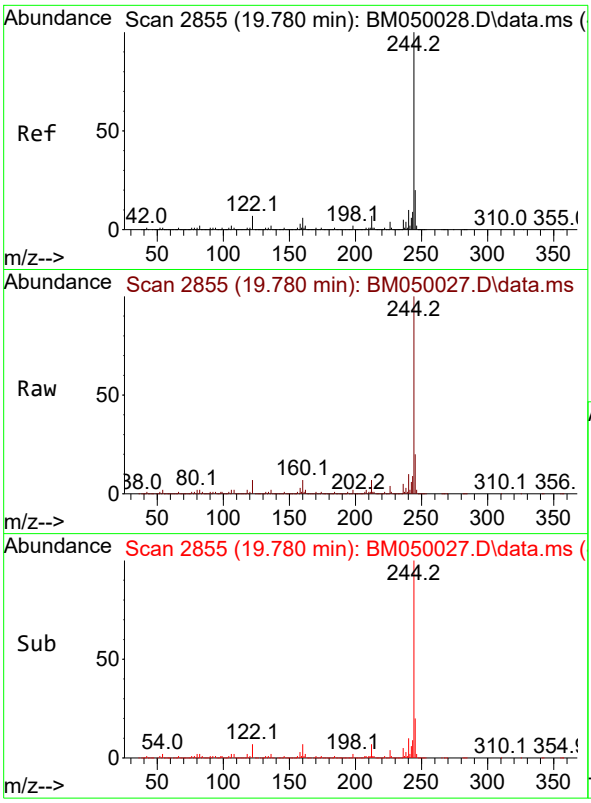


#78
Pyrene
Concen: 18.964 ng
RT: 19.580 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:202 Resp: 1603874

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.8	14.1	21.1





#79
Terphenyl-d14
Concen: 39.418 ng
RT: 19.780 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:244 Resp: 320824

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	7.4	5.6	8.4

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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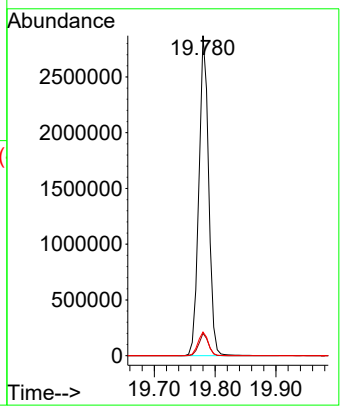
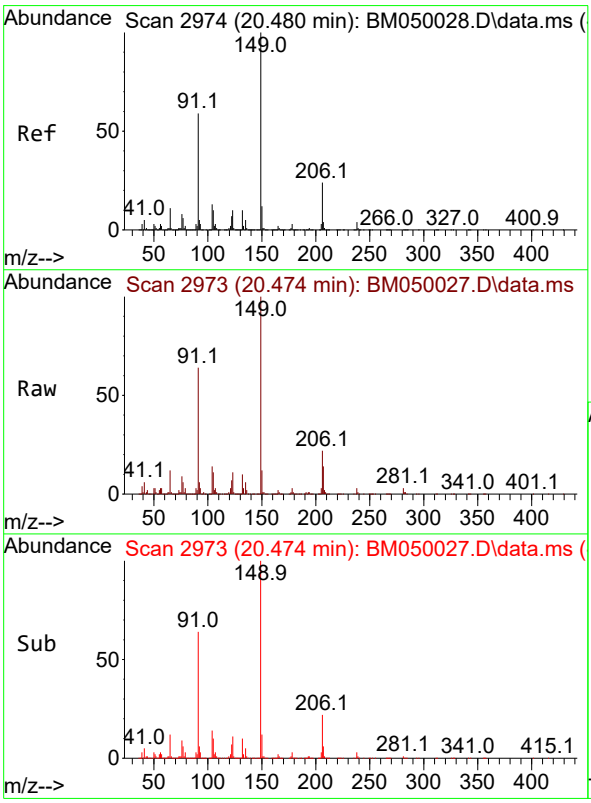
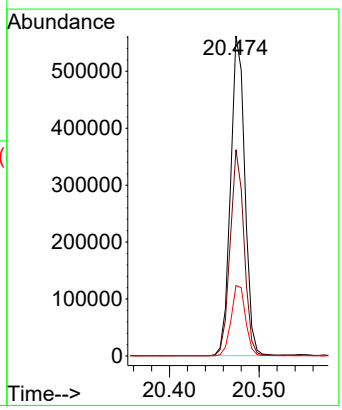


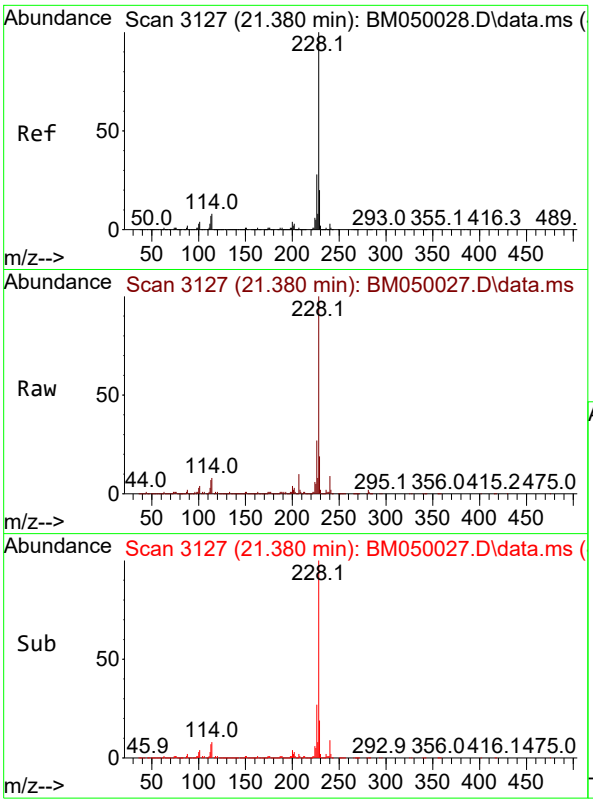


#80
Butylbenzylphthalate
Concen: 19.597 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:149 Resp: 620751

Ion	Ratio	Lower	Upper
149	100		
91	64.4	47.4	71.2
206	22.0	19.4	29.0

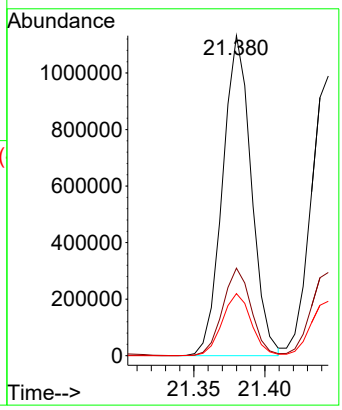




#81
Benzo(a)anthracene
Concen: 19.187 ng
RT: 21.380 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:228 Resp: 159129

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.1	33.1
229	19.4	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
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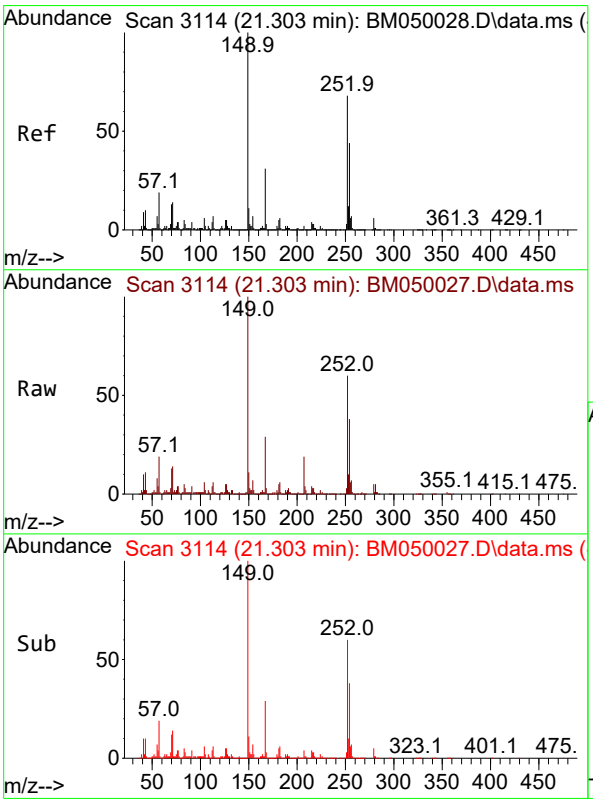
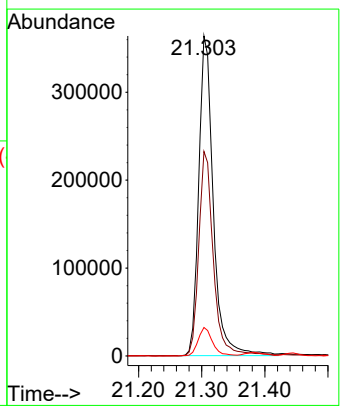
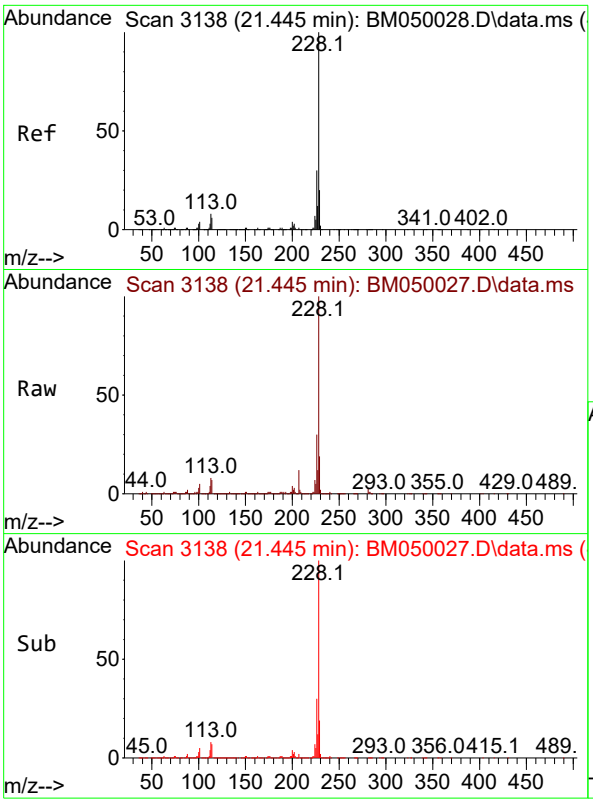


#82
3,3'-Dichlorobenzidine
Concen: 18.333 ng
RT: 21.303 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:252 Resp: 582038

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.8	77.6
126	8.9	6.0	9.0

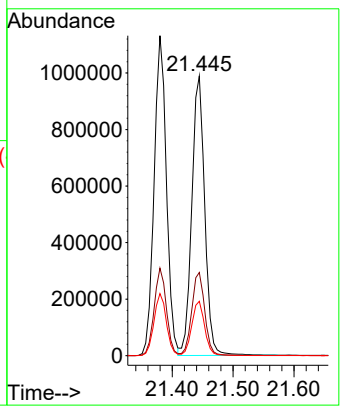




#83
Chrysene
Concen: 19.044 ng
RT: 21.445 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:228 Resp: 146177

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.2
229	19.5	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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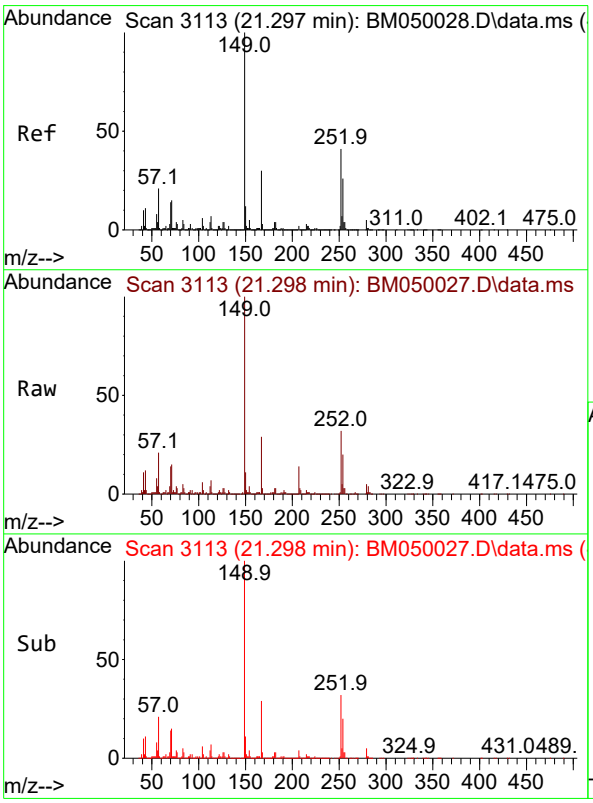
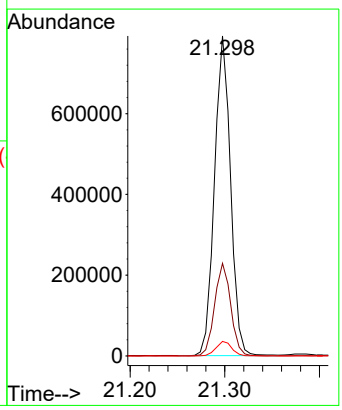
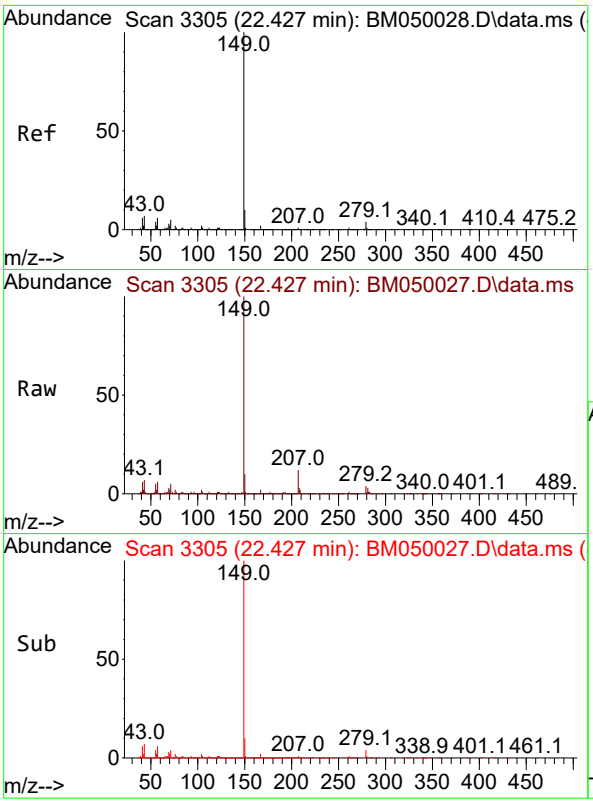


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.730 ng
RT: 21.298 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:149 Resp: 933505

Ion	Ratio	Lower	Upper
149	100		
167	29.0	24.1	36.1
279	4.6	3.9	5.9

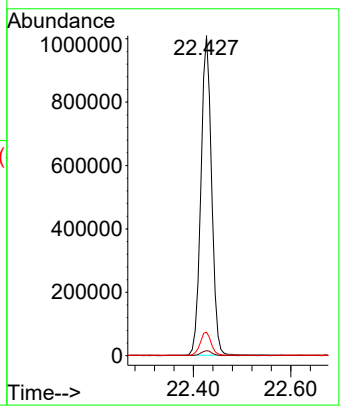




#85
Di-n-octyl phthalate
Concen: 19.552 ng
RT: 22.427 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:149 Resp: 152559

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.4	5.8	8.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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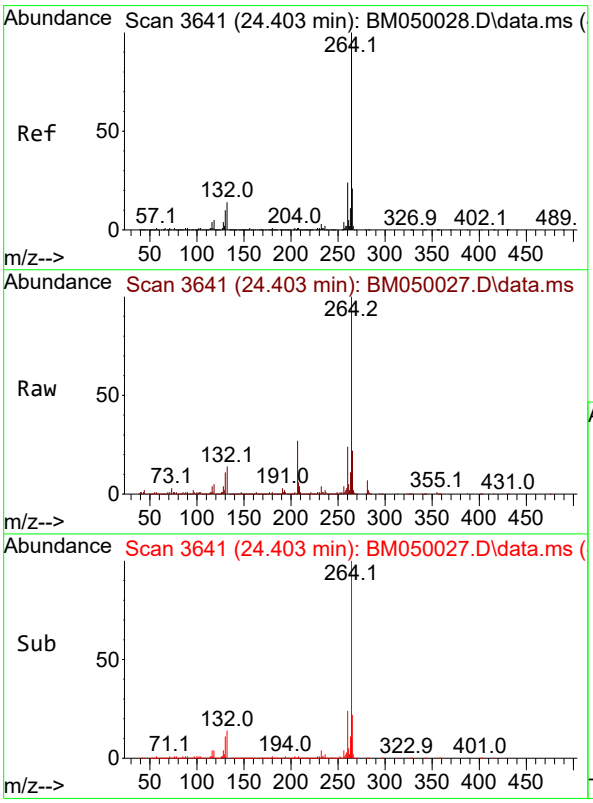
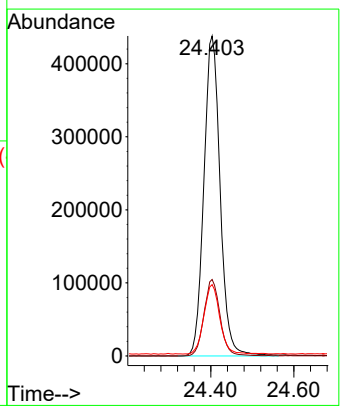
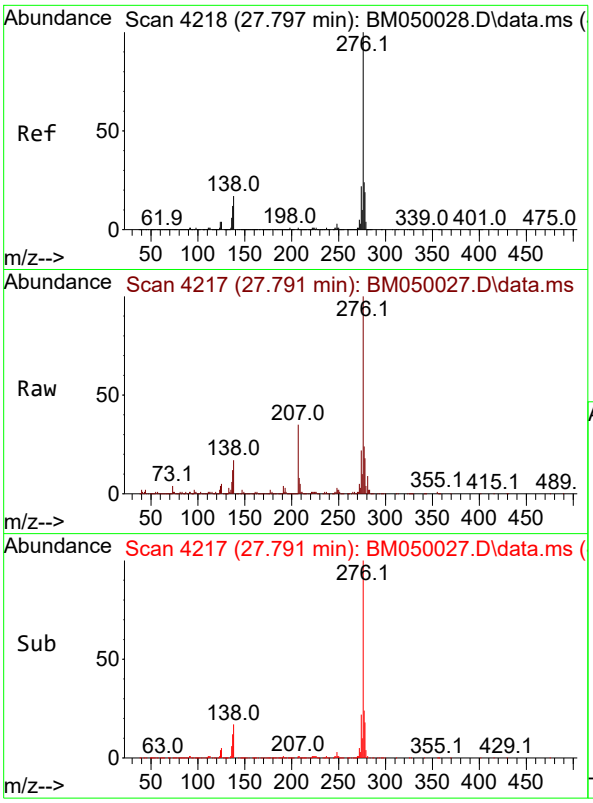


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:264 Resp: 1191041

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	22.3	17.0	25.4

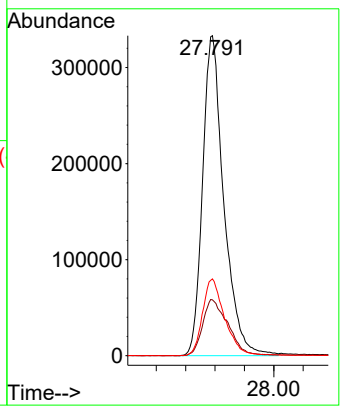




#87
Indeno(1,2,3-cd)pyrene
Concen: 18.840 ng
RT: 27.791 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:276 Resp: 167196

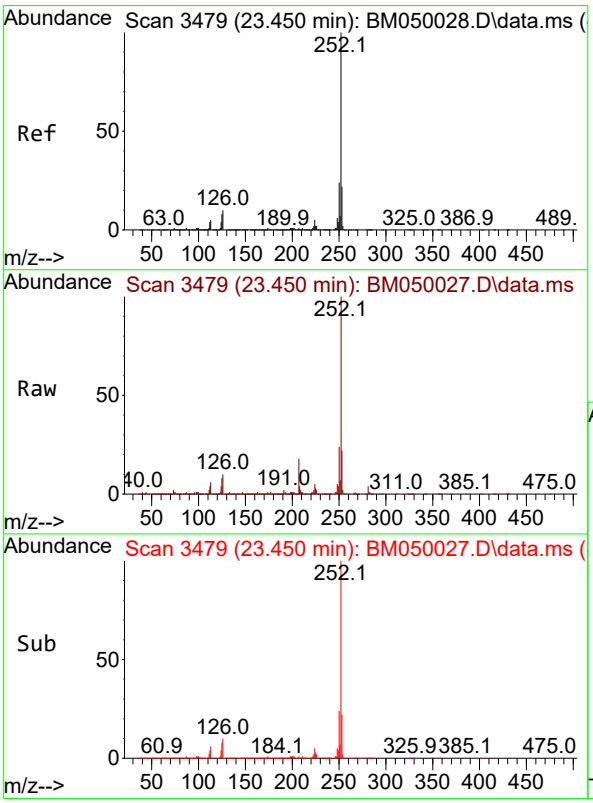
Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.4	24.6
277	25.0	19.8	29.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

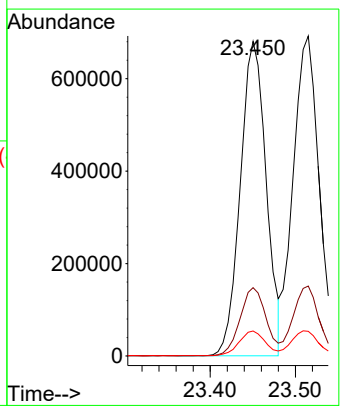
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

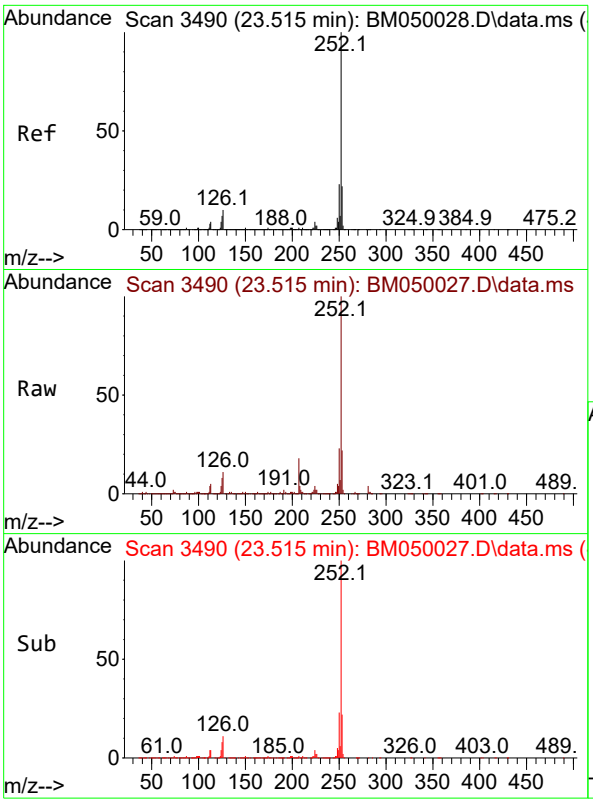


#88
Benzo(b)fluoranthene
Concen: 18.588 ng
RT: 23.450 min Scan# 3479
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:252 Resp: 1439776

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	7.9	6.1	9.1

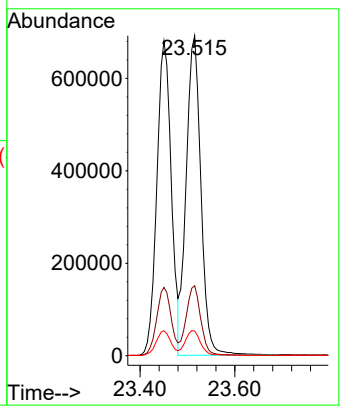




#89
Benzo(k)fluoranthene
Concen: 19.005 ng
RT: 23.515 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:252 Resp: 148941

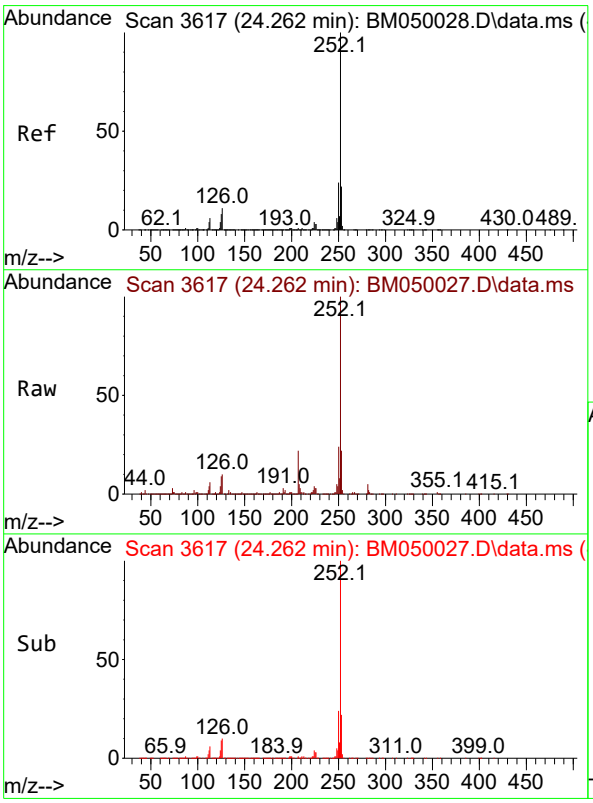
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	7.7	5.8	8.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

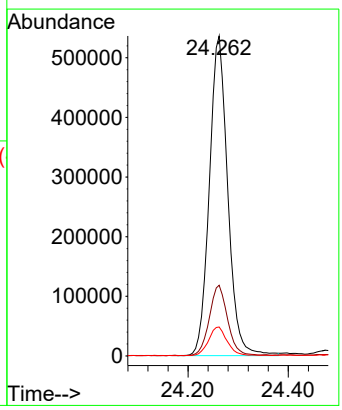
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

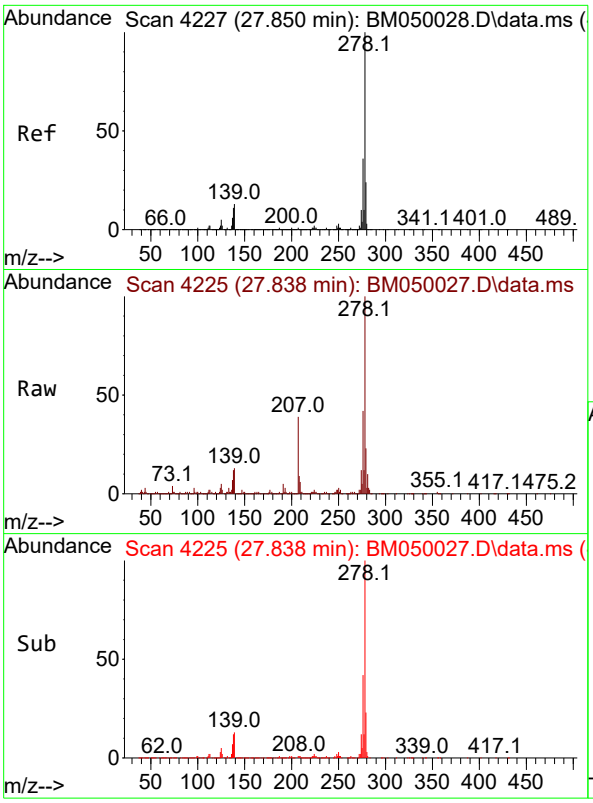


#90
Benzo(a)pyrene
Concen: 18.825 ng
RT: 24.262 min Scan# 3617
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:252 Resp: 1365706

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	9.0	6.6	9.8

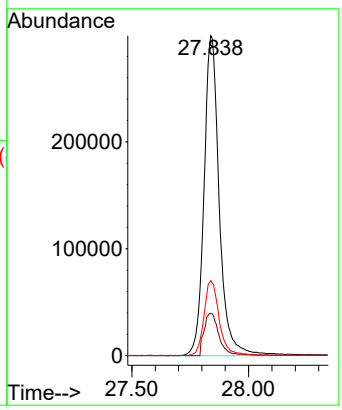




#91
Dibenzo(a,h)anthracene
Concen: 18.803 ng
RT: 27.838 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:278 Resp: 136026

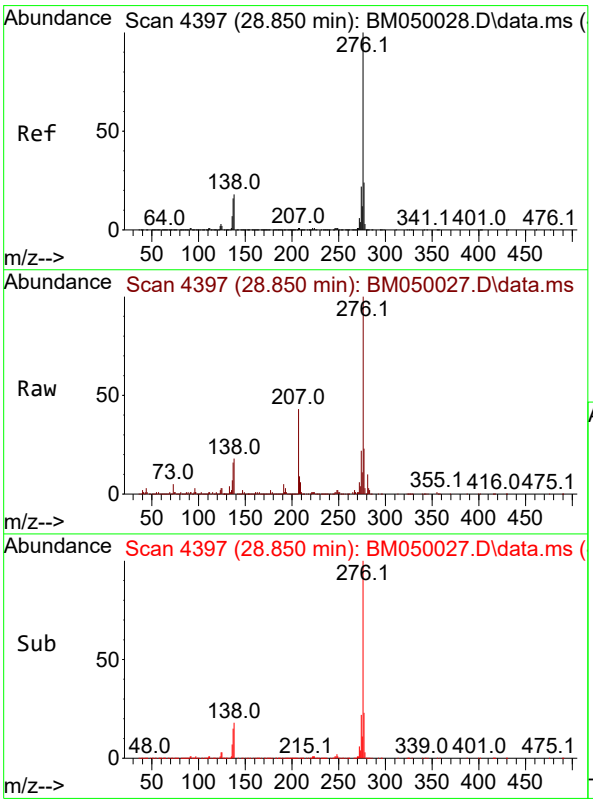
Ion	Ratio	Lower	Upper
278	100		
139	13.1	10.5	15.7
279	23.4	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

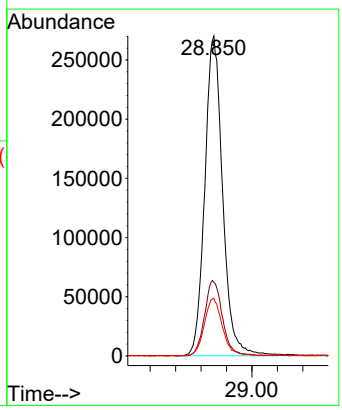
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#92
Benzo(g,h,i)perylene
Concen: 19.008 ng
RT: 28.850 min Scan# 4397
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:276 Resp: 1316513

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.1	28.7
138	18.1	14.3	21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050028.D
Acq On : 28 Apr 2025 15:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Apr 28 17:56:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	241109	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	890488	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	591599	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1163791	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1114654	20.000	ng	0.00
86) Perylene-d12	24.403	264	1072526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1165032	84.611	ng	0.00
7) Phenol-d6	6.951	99	1487856	85.973	ng	0.00
23) Nitrobenzene-d5	8.928	82	1547270	85.620	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	751927	85.958	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	4275240	85.489	ng	0.00
79) Terphenyl-d14	19.780	244	6797031	90.233	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	246624	41.774	ng	100
3) Pyridine	3.657	79	641890	42.316	ng	100
4) n-Nitrosodimethylamine	3.563	42	251749	42.316	ng	100
6) Aniline	7.098	93	936673	42.862	ng	100
8) 2-Chlorophenol	7.340	128	632836	42.508	ng	100
9) Benzaldehyde	6.910	77	497166	42.981	ng	100
10) Phenol	6.981	94	742305	42.370	ng	100
11) bis(2-Chloroethyl)ether	7.193	93	616851	42.166	ng	100
12) 1,3-Dichlorobenzene	7.657	146	754937	41.979	ng	100
13) 1,4-Dichlorobenzene	7.804	146	752959	41.677	ng	100
14) 1,2-Dichlorobenzene	8.122	146	733848	42.050	ng	100
15) Benzyl Alcohol	8.016	79	521025	43.413	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.292	45	748400	42.085	ng	100
17) 2-Methylphenol	8.222	107	498005	43.149	ng	100
18) Hexachloroethane	8.845	117	268328	41.780	ng	100
19) n-Nitroso-di-n-propyla...	8.575	70	483699	43.579	ng	100
20) 3+4-Methylphenols	8.557	107	671942	43.111	ng	100
22) Acetophenone	8.592	105	946106	42.735	ng	100
24) Nitrobenzene	8.969	77	666034	42.625	ng	100
25) Isophorone	9.498	82	1298577	42.156	ng	100
26) 2-Nitrophenol	9.681	139	349855	43.827	ng	100
27) 2,4-Dimethylphenol	9.751	122	576549	43.552	ng	100
28) bis(2-Chloroethoxy)met...	9.975	93	809528	42.518	ng	100
29) 2,4-Dichlorophenol	10.228	162	644546	43.461	ng	100
30) 1,2,4-Trichlorobenzene	10.428	180	759987	42.060	ng	100
31) Naphthalene	10.610	128	1898588	42.100	ng	100
32) Benzoic acid	9.910	122	351345	41.613	ng	100
33) 4-Chloroaniline	10.728	127	784625	42.448	ng	100
34) Hexachlorobutadiene	10.898	225	481510	41.981	ng	100
35) Caprolactam	11.522	113	185984	43.010	ng	100
36) 4-Chloro-3-methylphenol	11.869	107	579492	42.293	ng	100
37) 2-Methylnaphthalene	12.227	142	1269061	41.973	ng	100
38) 1-Methylnaphthalene	12.445	142	1341577	41.928	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	878448	42.894	ng	100
41) Hexachlorocyclopentadiene	12.580	237	538788	43.050	ng	100
43) 2,4,6-Trichlorophenol	12.851	196	563324	43.368	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050028.D
Acq On : 28 Apr 2025 15:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Apr 28 17:56:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

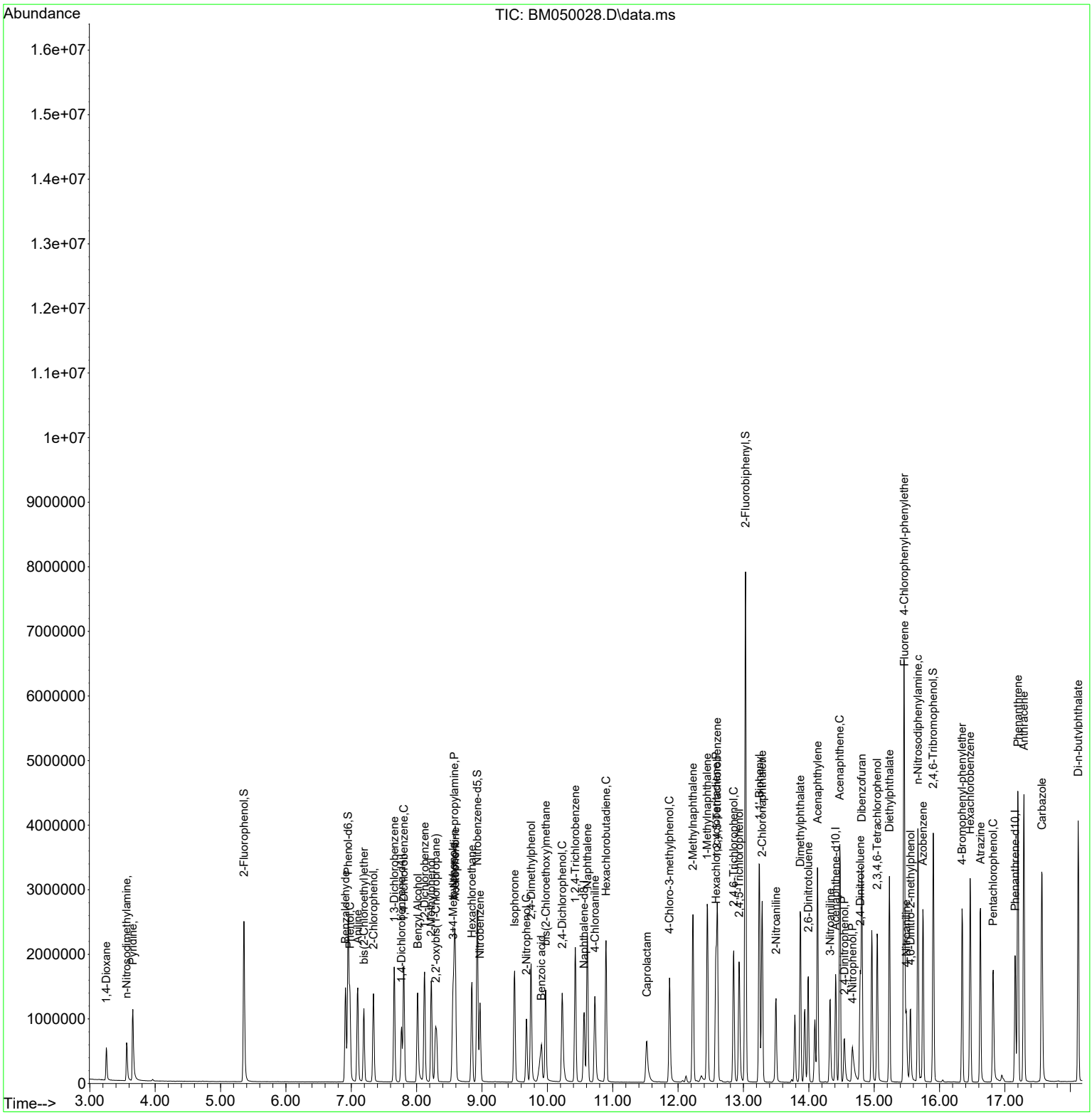
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	612194	43.706	ng	100
46) 1,1'-Biphenyl	13.245	154	1860581	42.309	ng	100
47) 2-Chloronaphthalene	13.286	162	1479560	42.480	ng	100
48) 2-Nitroaniline	13.498	65	357098	43.684	ng	100
49) Acenaphthylene	14.133	152	2332675	42.478	ng	100
50) Dimethylphthalate	13.869	163	1812335	41.918	ng	100
51) 2,6-Dinitrotoluene	13.992	165	386623	43.191	ng	100
52) Acenaphthene	14.474	154	1340946	42.186	ng	100
53) 3-Nitroaniline	14.327	138	379359	44.389	ng	100
54) 2,4-Dinitrophenol	14.545	184	210115	39.788	ng	100
55) Dibenzofuran	14.810	168	2219206	41.961	ng	100
56) 4-Nitrophenol	14.669	139	264964	40.483	ng	100
57) 2,4-Dinitrotoluene	14.786	165	539867	43.646	ng	100
58) Fluorene	15.463	166	1843261	42.580	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	514644	42.446	ng	100
60) Diethylphthalate	15.233	149	1696013	41.631	ng	100
61) 4-Chlorophenyl-phenyle...	15.457	204	1014134	42.652	ng	100
62) 4-Nitroaniline	15.492	138	370884	44.949	ng	100
63) Azobenzene	15.745	77	1439085	42.150	ng	100
65) 4,6-Dinitro-2-methylph...	15.557	198	315113	43.256	ng	100
66) n-Nitrosodiphenylamine	15.668	169	1525193	42.678	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	600373	42.660	ng	100
68) Hexachlorobenzene	16.468	284	683325	42.122	ng	100
69) Atrazine	16.627	200	550018	42.668	ng	100
70) Pentachlorophenol	16.821	266	387613	42.448	ng	100
71) Phenanthrene	17.198	178	2762249	42.082	ng	100
72) Anthracene	17.292	178	2824805	42.525	ng	100
73) Carbazole	17.568	167	2452474	42.547	ng	100
74) Di-n-butylphthalate	18.121	149	2899479	42.239	ng	100
75) Fluoranthene	19.215	202	3282789	42.598	ng	100
77) Benzidine	19.404	184	1720168	43.446	ng	100
78) Pyrene	19.580	202	3383053	43.220	ng	100
80) Butylbenzylphthalate	20.480	149	1251950	42.704	ng	100
81) Benzo(a)anthracene	21.380	228	3295625	42.935	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1292611	43.991	ng	100
83) Chrysene	21.445	228	2992790	42.127	ng	100
84) Bis(2-ethylhexyl)phtha...	21.297	149	1878368	42.895	ng	100
85) Di-n-octyl phthalate	22.427	149	3044578	42.160	ng	100
87) Indeno(1,2,3-cd)pyrene	27.797	276	3435665	42.991	ng	100
88) Benzo(b)fluoranthene	23.450	252	3016197	43.243	ng	100
89) Benzo(k)fluoranthene	23.515	252	2974903	42.155	ng	100
90) Benzo(a)pyrene	24.262	252	2777683	42.519	ng	100
91) Dibenzo(a,h)anthracene	27.850	278	2787948	42.796	ng	100
92) Benzo(g,h,i)perylene	28.850	276	2651145	42.508	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050028.D
Acq On : 28 Apr 2025 15:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

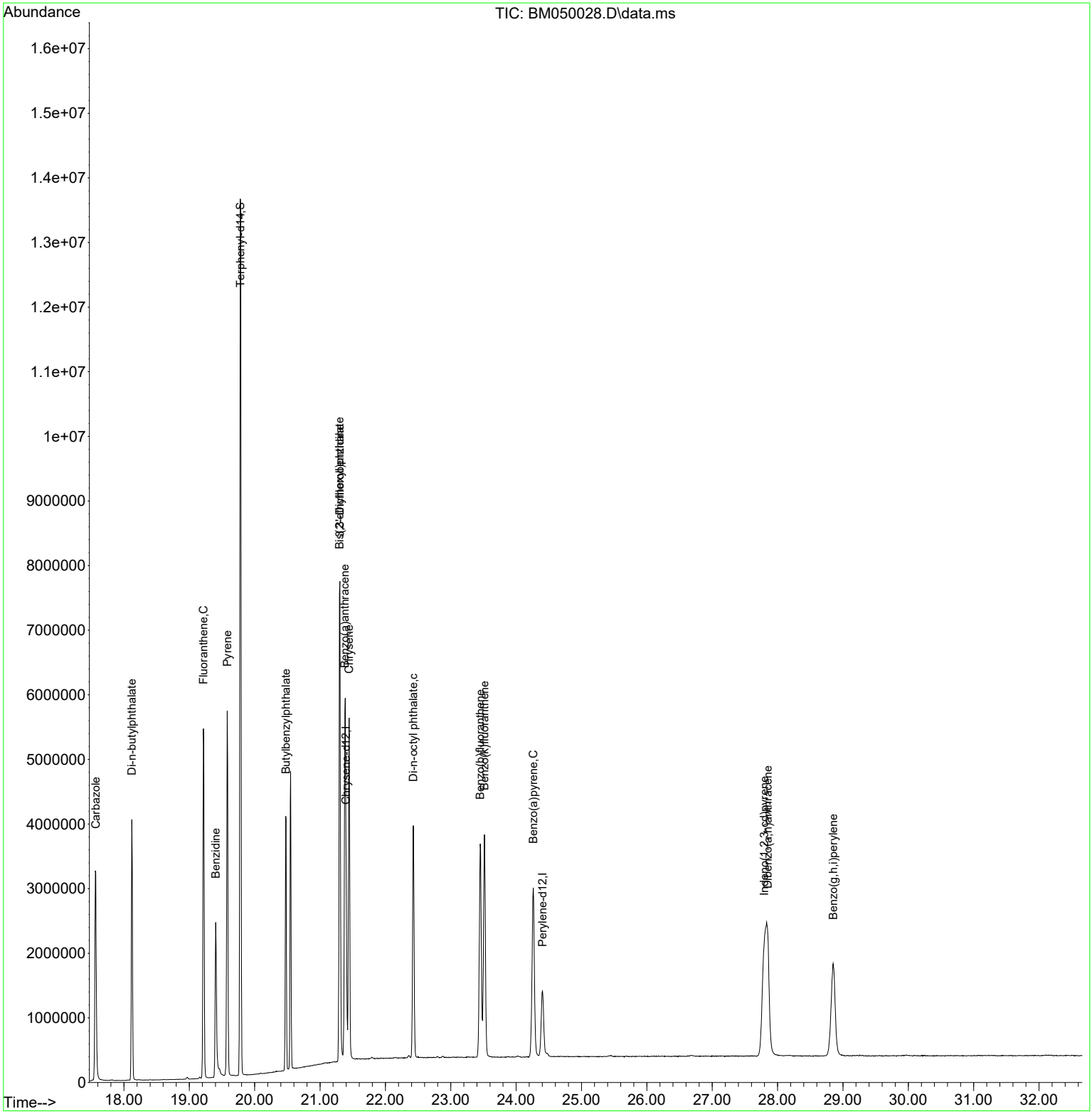
Quant Time: Apr 28 17:56:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

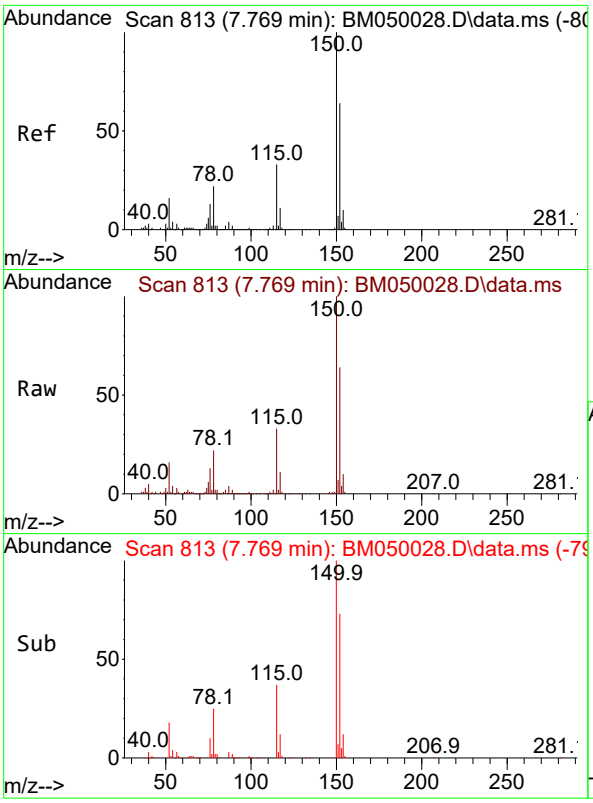


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050028.D
Acq On : 28 Apr 2025 15:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Apr 28 17:56:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration



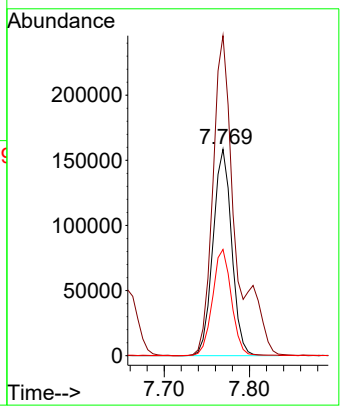


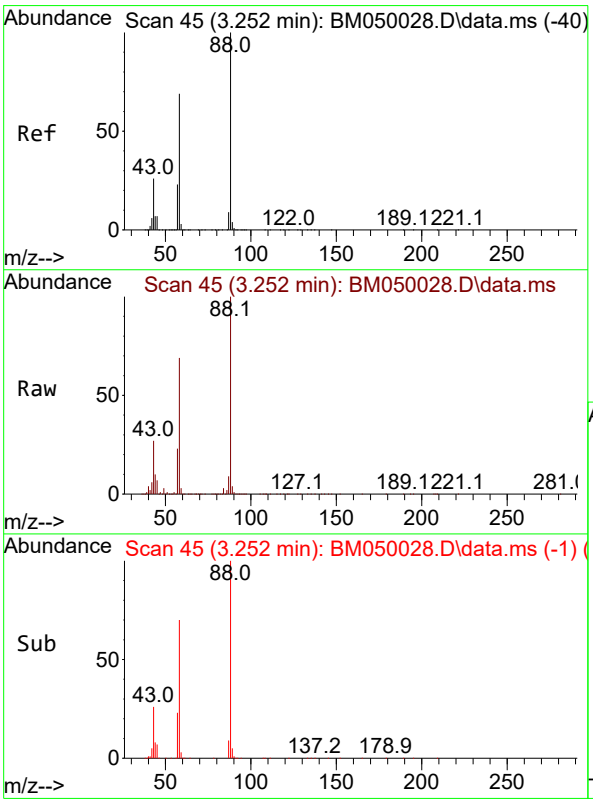
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 241109

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.1	186.1
115	51.5	41.2	61.8

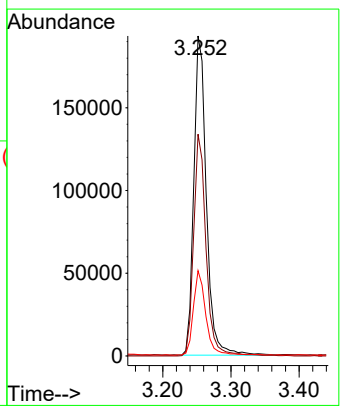


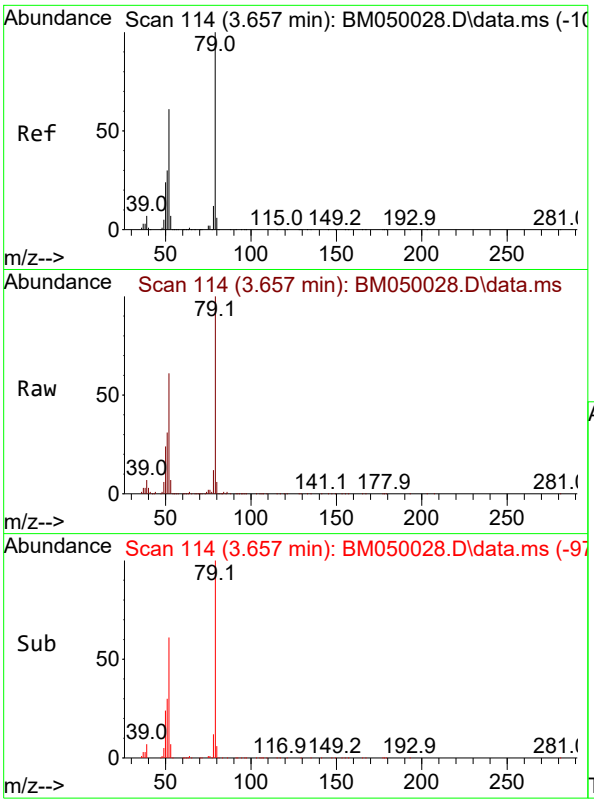


#2
1,4-Dioxane
Concen: 41.774 ng
RT: 3.252 min Scan# 45
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 88 Resp: 246624

Ion	Ratio	Lower	Upper
88	100		
58	68.9	55.1	82.7
43	26.1	20.9	31.3



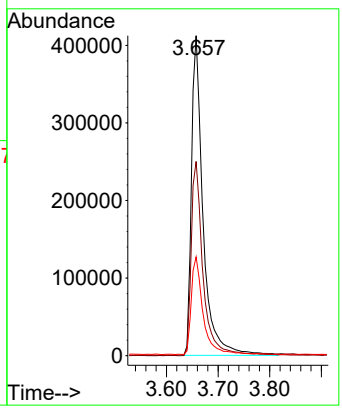


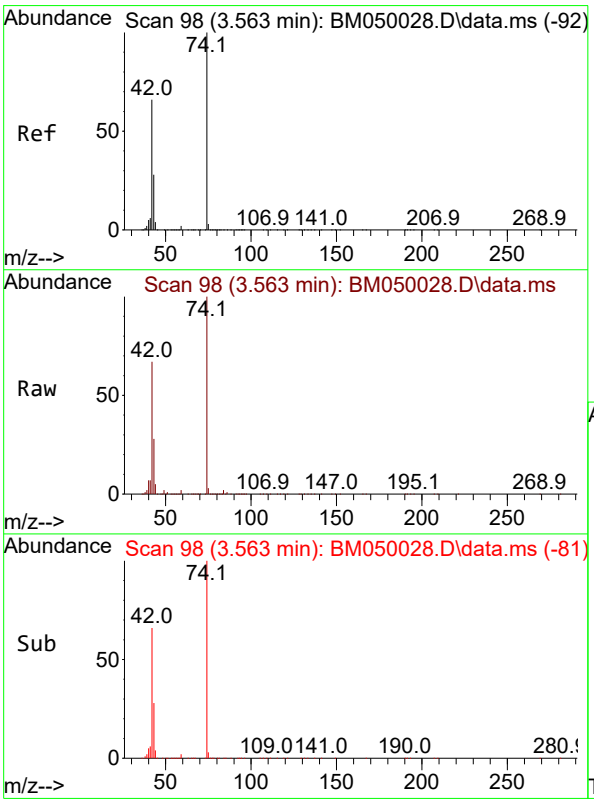
#3
Pyridine
Concen: 42.316 ng
RT: 3.657 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 641890

Ion	Ratio	Lower	Upper
79	100		
52	60.7	48.6	72.8
51	30.8	24.6	37.0

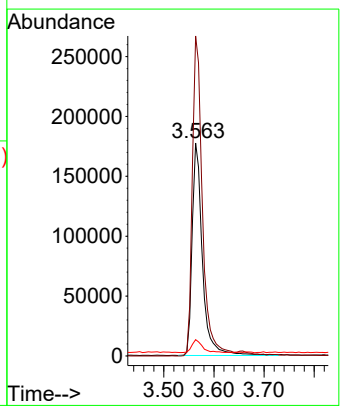


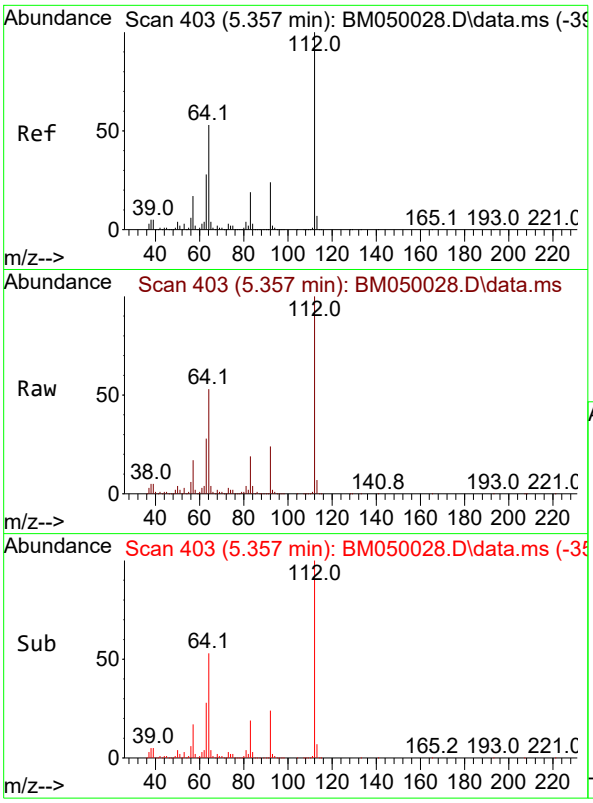


#4
n-Nitrosodimethylamine
Concen: 42.316 ng
RT: 3.563 min Scan# 98
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 42 Resp: 251749

Ion	Ratio	Lower	Upper
42	100		
74	150.2	120.2	180.2
44	7.7	6.2	9.2



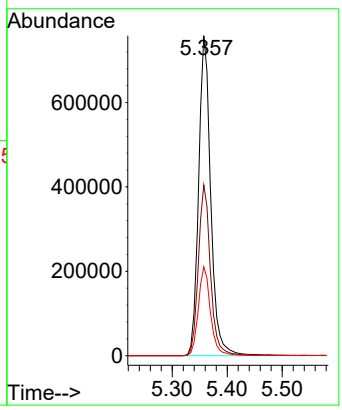


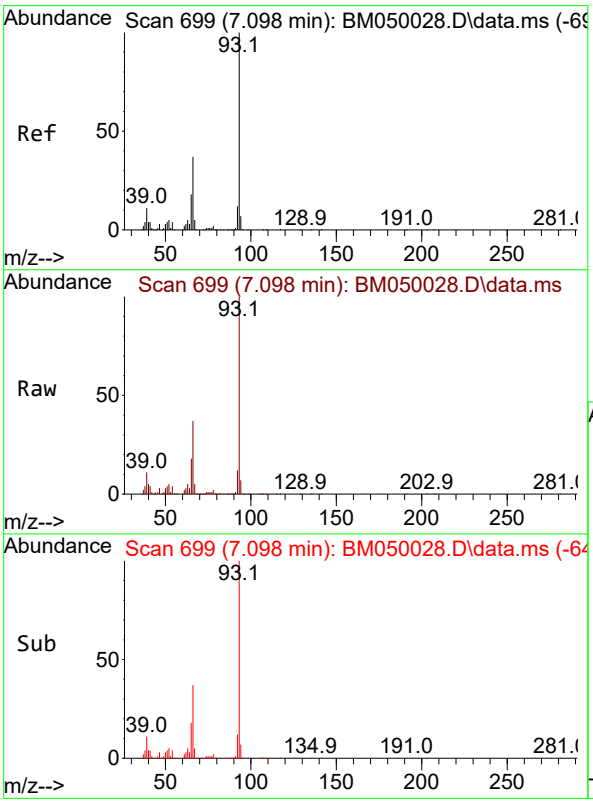
#5
2-Fluorophenol
Concen: 84.611 ng
RT: 5.357 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 1165032

Ion	Ratio	Lower	Upper
112	100		
64	53.3	42.6	64.0
63	27.8	22.2	33.4

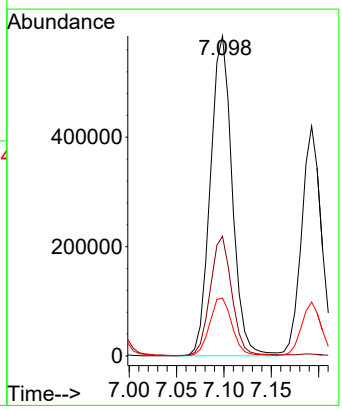


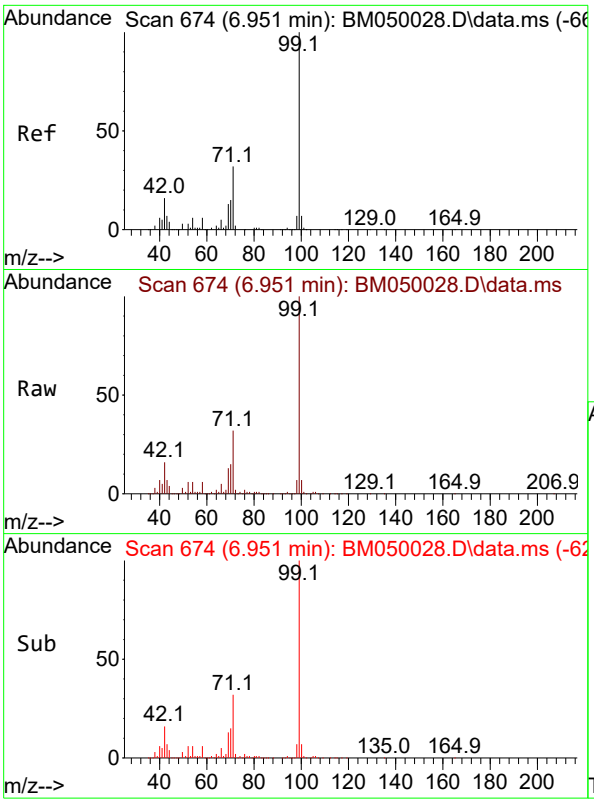


#6
Aniline
Concen: 42.862 ng
RT: 7.098 min Scan# 699
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 93 Resp: 936673

Ion	Ratio	Lower	Upper
93	100		
66	37.4	29.9	44.9
65	18.1	14.5	21.7



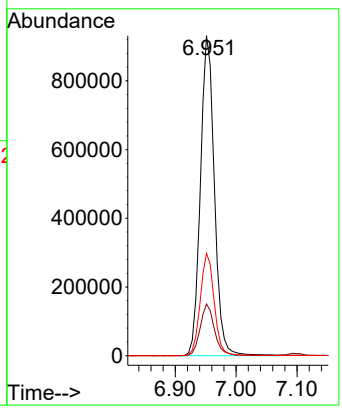


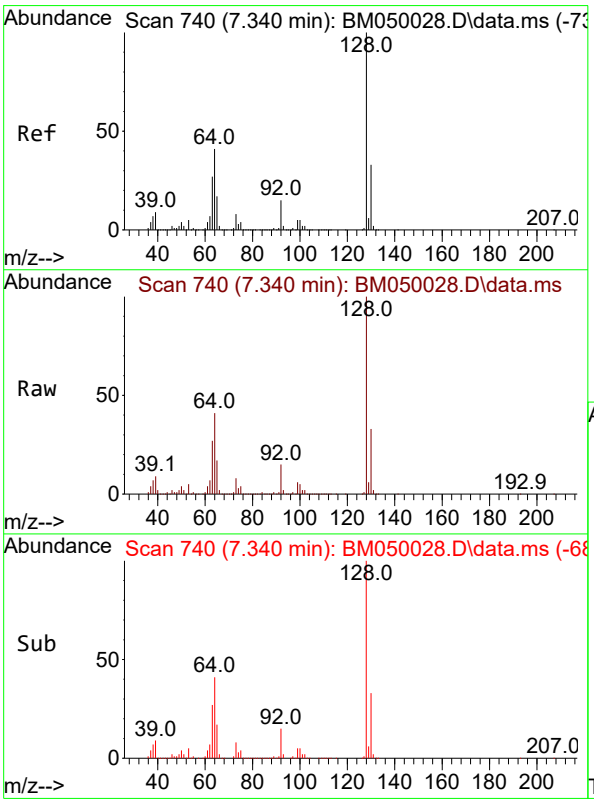
#7
Phenol-d6
Concen: 85.973 ng
RT: 6.951 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 1487856

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.0	19.4
71	32.0	25.6	38.4

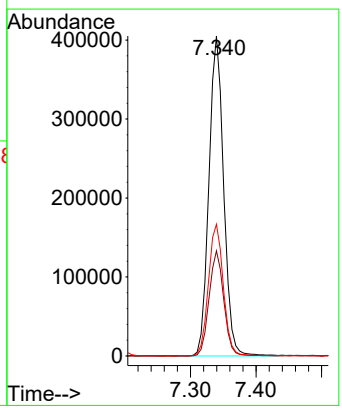


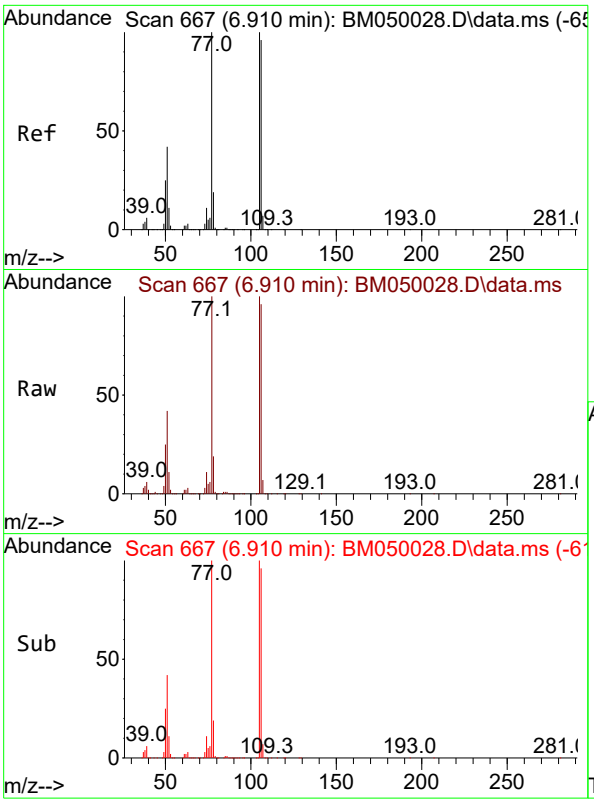


#8
2-Chlorophenol
Concen: 42.508 ng
RT: 7.340 min Scan# 740
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:128 Resp: 632836

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.8	52.8
64	41.2	21.2	61.2



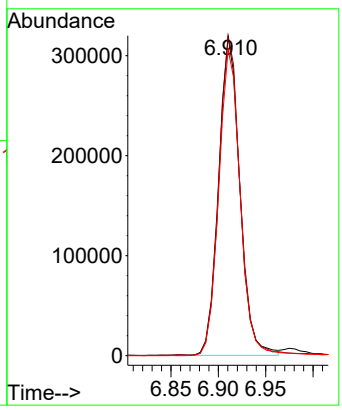


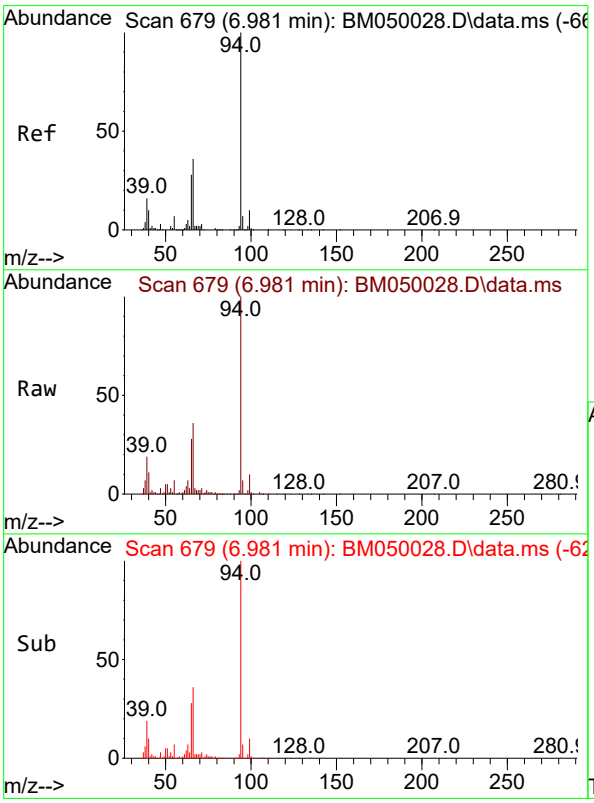
#9
Benzaldehyde
Concen: 42.981 ng
RT: 6.910 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 497166

Ion	Ratio	Lower	Upper
77	100		
105	100.5	80.5	120.5
106	96.1	76.1	116.1

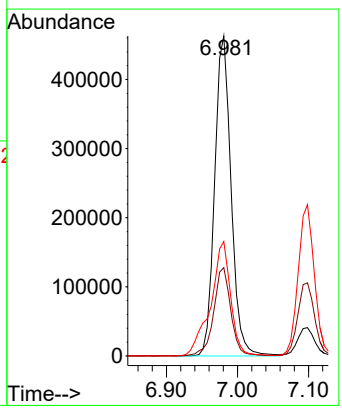


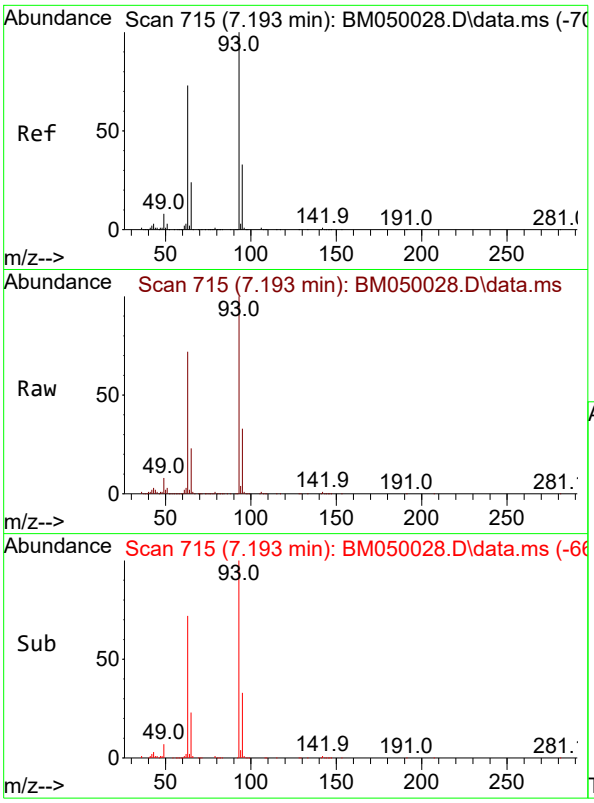


#10
Phenol
Concen: 42.370 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 94 Resp: 742305

Ion	Ratio	Lower	Upper
94	100		
65	27.6	7.6	47.6
66	35.8	15.8	55.8



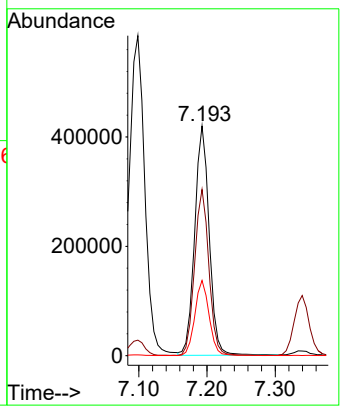


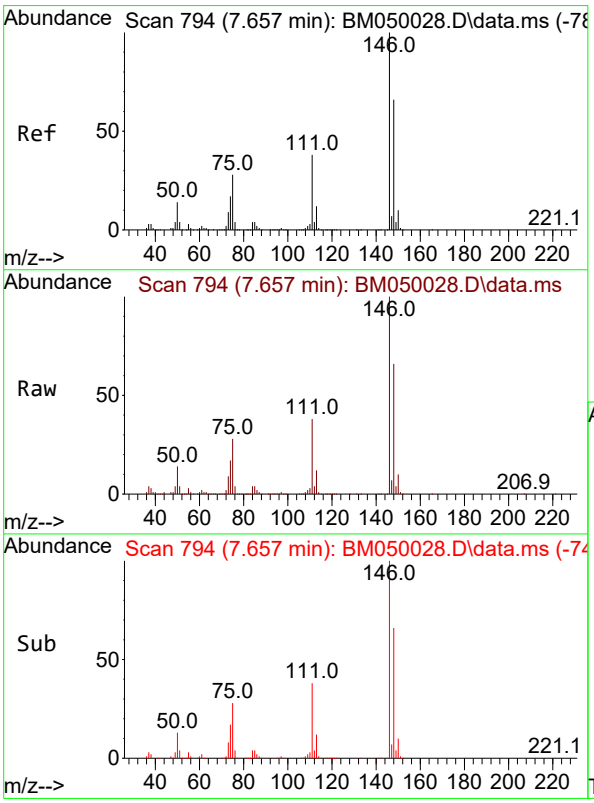
#11
bis(2-Chloroethyl)ether
Concen: 42.166 ng
RT: 7.193 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 616851

Ion	Ratio	Lower	Upper
93	100		
63	72.3	52.3	92.3
95	32.8	12.8	52.8

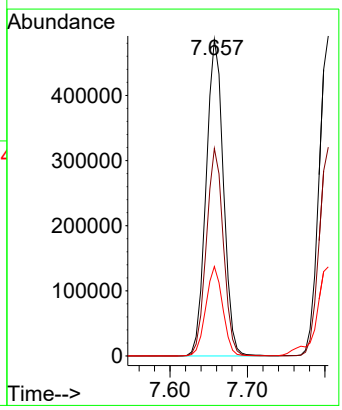


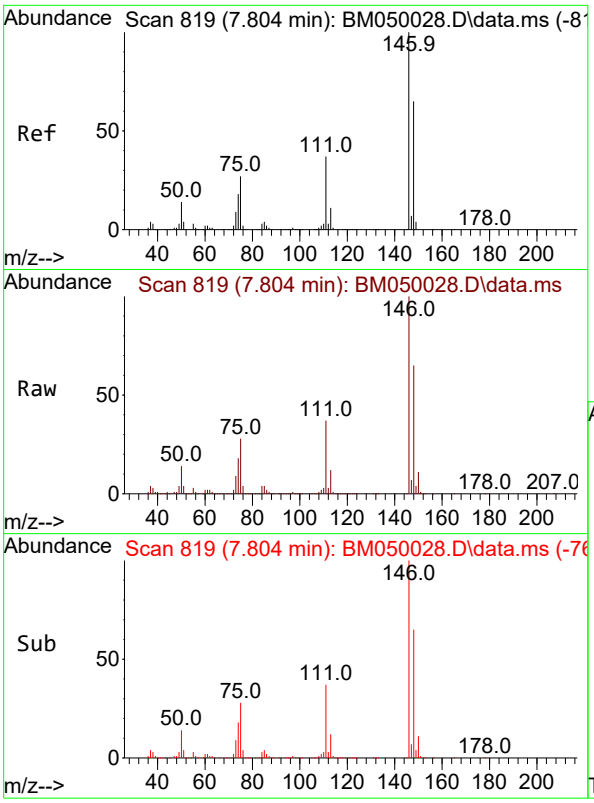


#12
1,3-Dichlorobenzene
Concen: 41.979 ng
RT: 7.657 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:146 Resp: 754937

Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.5	78.7
75	28.3	22.6	34.0



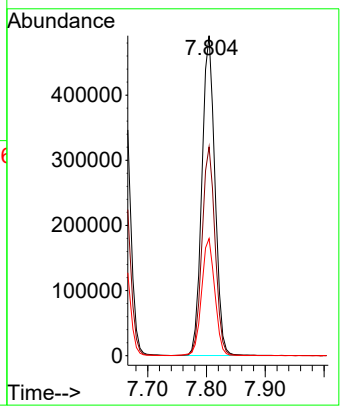


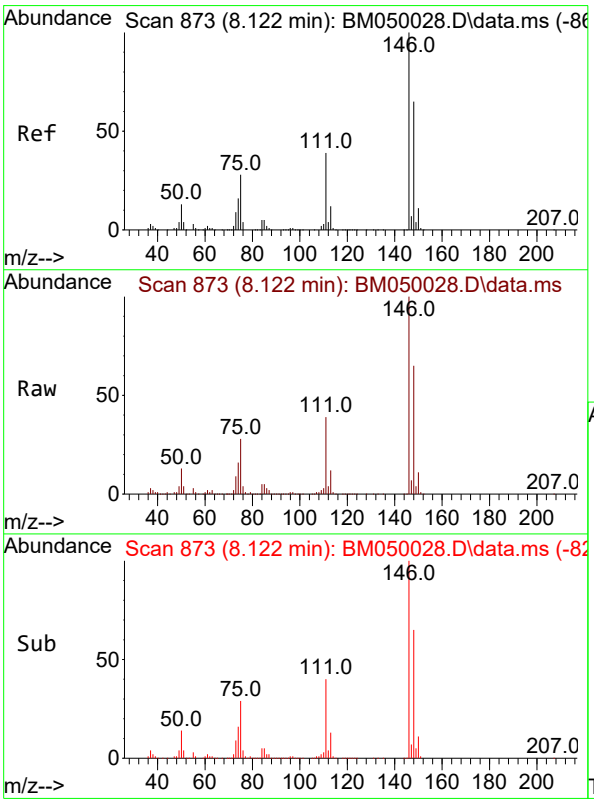
#13
1,4-Dichlorobenzene
Concen: 41.677 ng
RT: 7.804 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 752959

Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
111	36.6	29.3	43.9

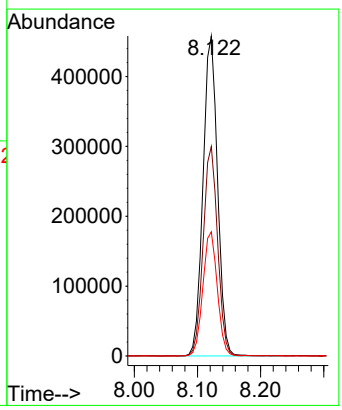


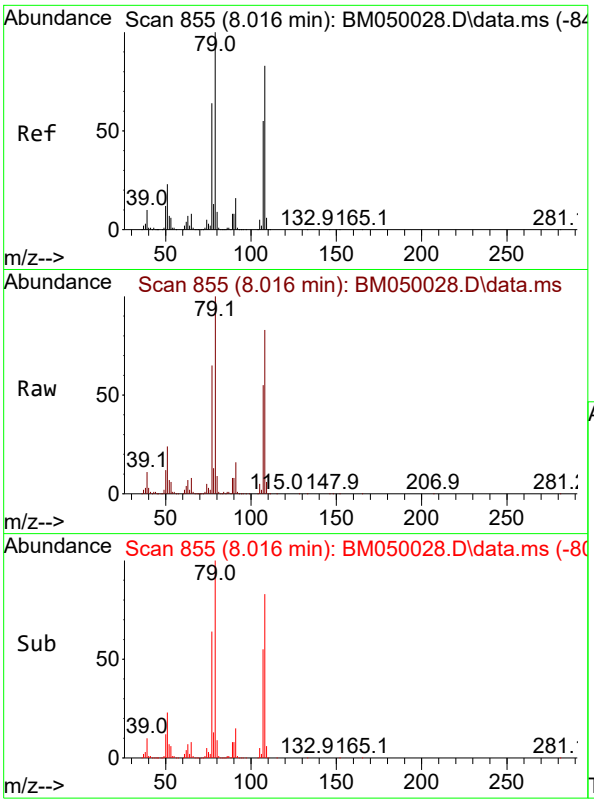


#14
1,2-Dichlorobenzene
Concen: 42.050 ng
RT: 8.122 min Scan# 873
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:146 Resp: 733848

Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.4	78.6
111	38.8	31.0	46.6



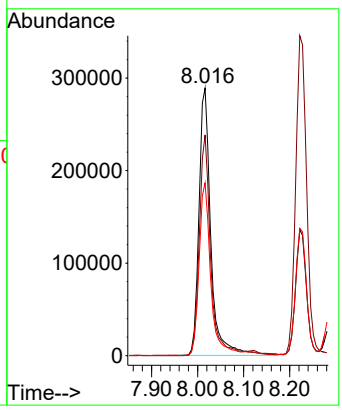


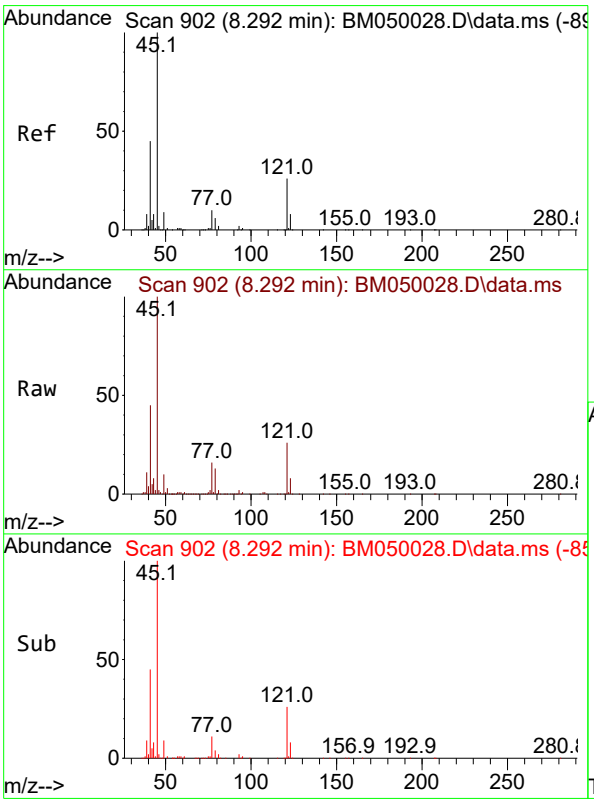
#15
Benzyl Alcohol
Concen: 43.413 ng
RT: 8.016 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 521025

Ion	Ratio	Lower	Upper
79	100		
108	82.5	66.0	99.0
77	64.5	51.6	77.4

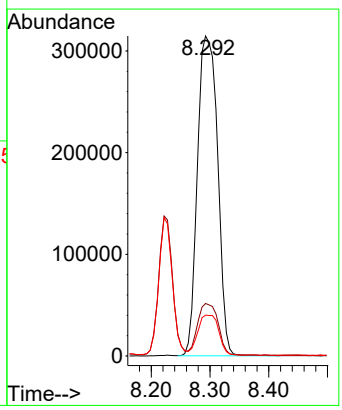


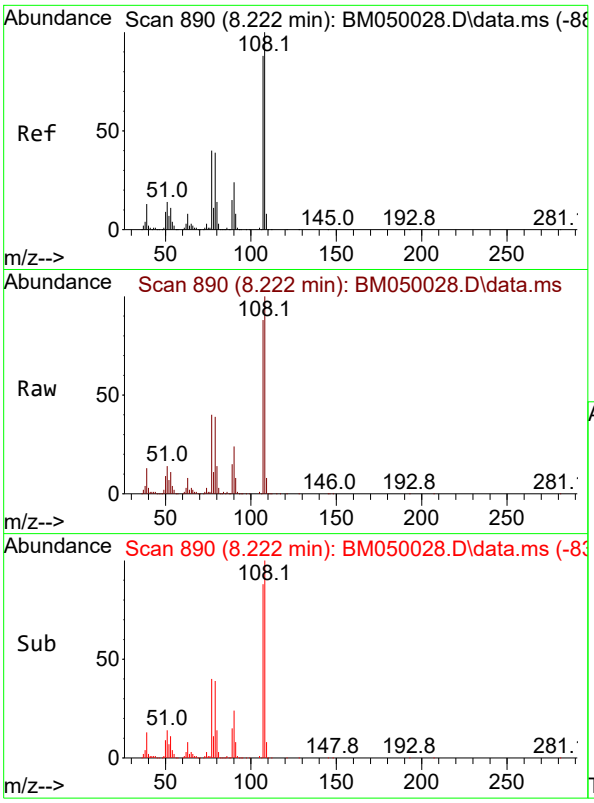


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.085 ng
RT: 8.292 min Scan# 902
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 45 Resp: 748400

Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	36.4
79	12.7	0.0	32.7



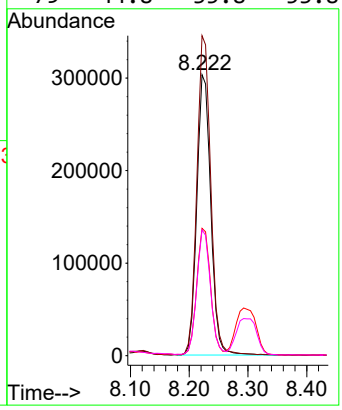


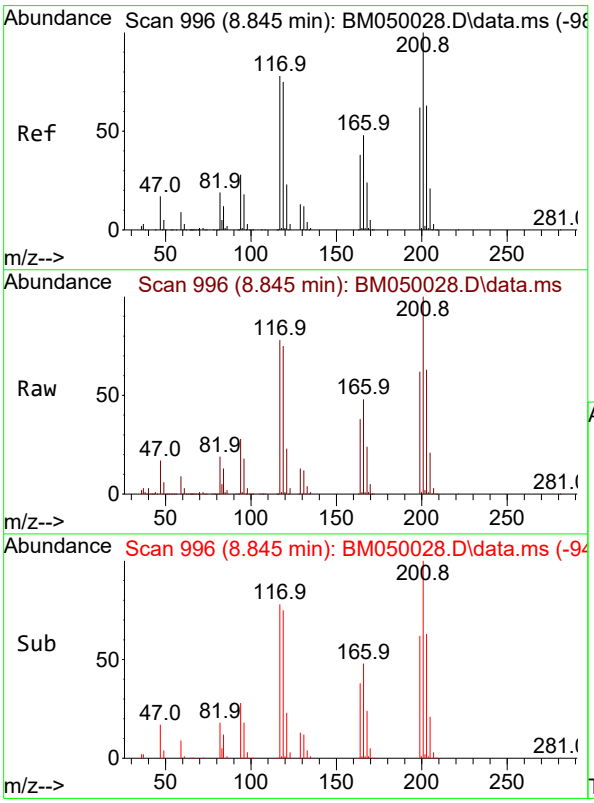
#17
2-Methylphenol
Concen: 43.149 ng
RT: 8.222 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 498005

Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.1	136.7
77	45.3	36.2	54.4
79	44.8	35.8	53.8

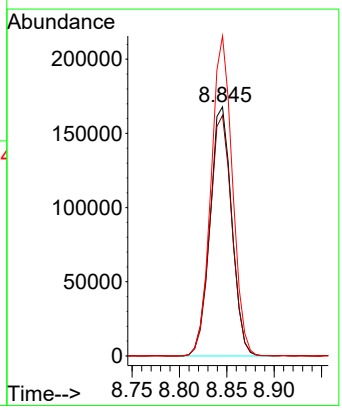


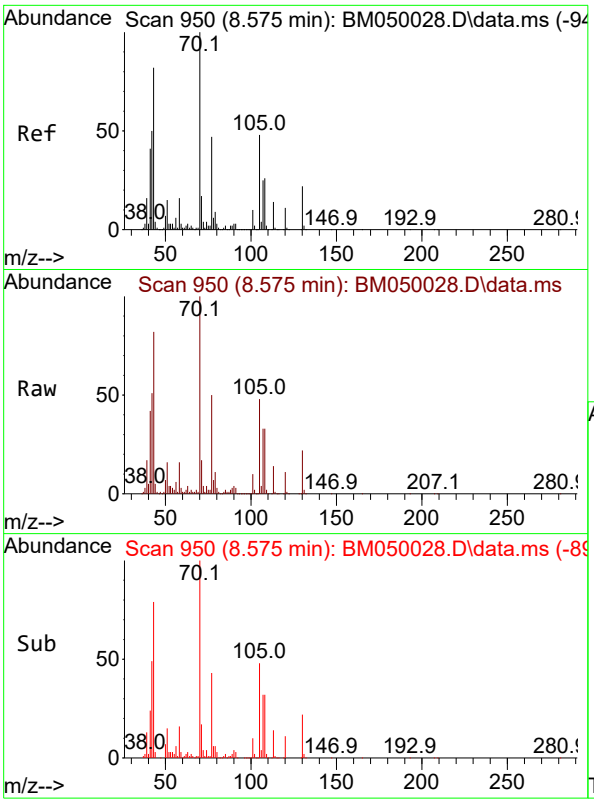


#18
Hexachloroethane
Concen: 41.780 ng
RT: 8.845 min Scan# 996
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:117 Resp: 268328

Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.3	115.9
201	128.5	102.8	154.2



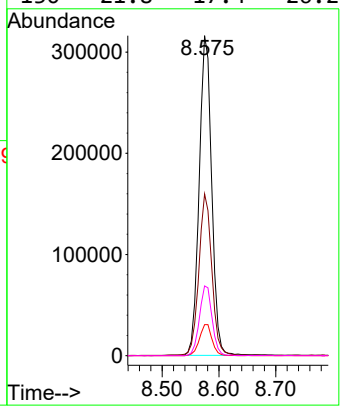


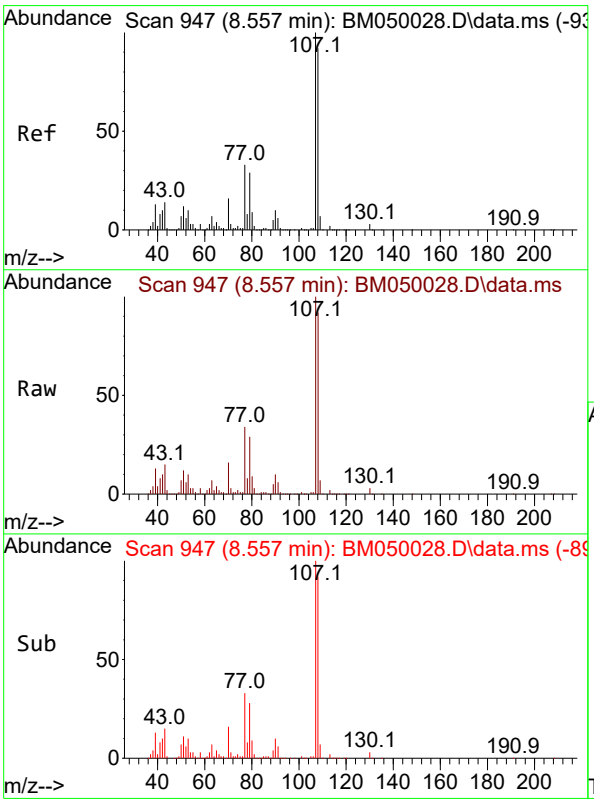
#19
n-Nitroso-di-n-propylamine
Concen: 43.579 ng
RT: 8.575 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 483699

Ion	Ratio	Lower	Upper
70	100		
42	50.6	40.5	60.7
101	9.7	7.8	11.6
130	21.8	17.4	26.2

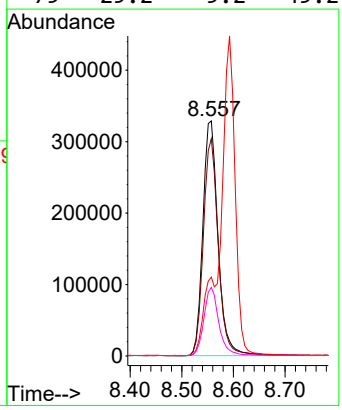


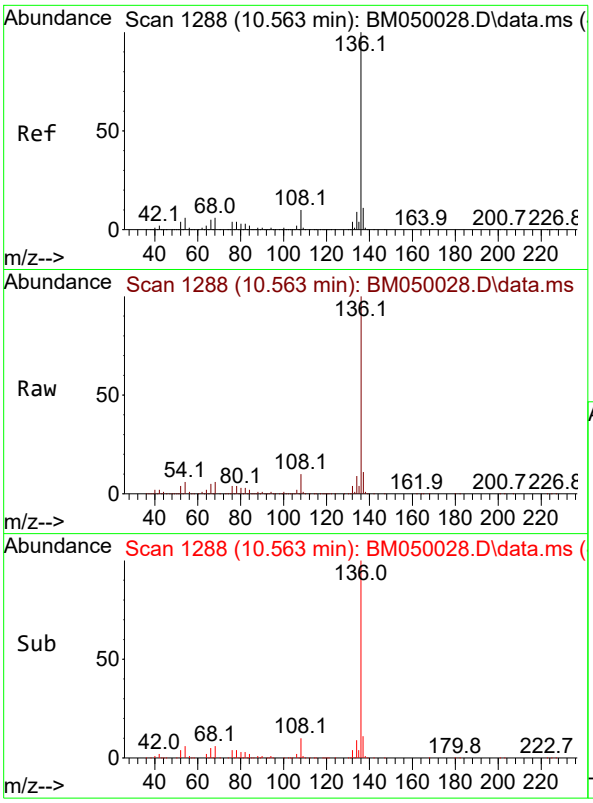


#20
3+4-Methylphenols
Concen: 43.111 ng
RT: 8.557 min Scan# 947
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:107 Resp: 671942

Ion	Ratio	Lower	Upper
107	100		
108	92.4	72.4	112.4
77	33.6	13.6	53.6
79	29.2	9.2	49.2



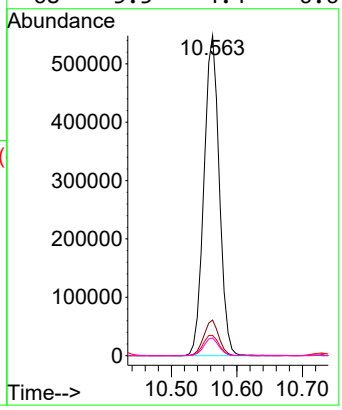


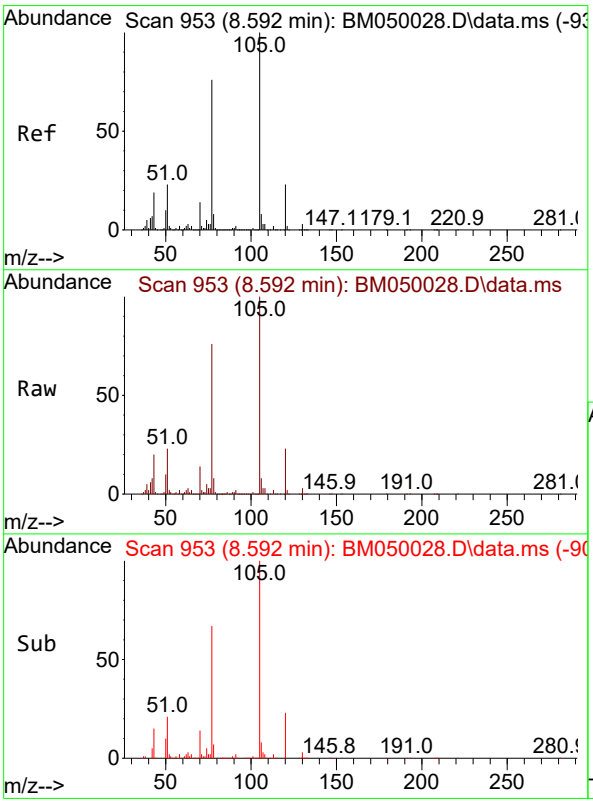
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 890488

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.4	5.1	7.7
68	5.5	4.4	6.6

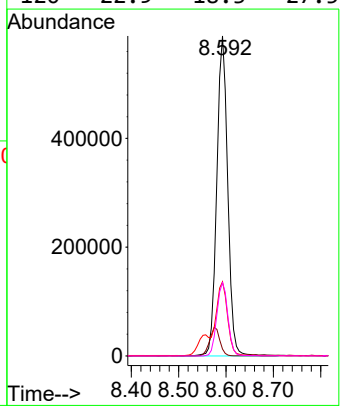


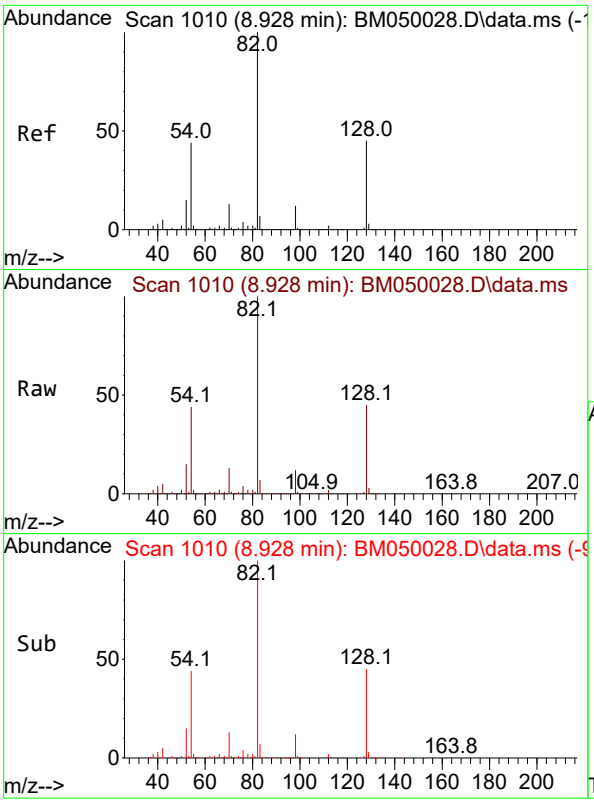


#22
Acetophenone
Concen: 42.735 ng
RT: 8.592 min Scan# 953
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:105 Resp: 946106

Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.7	2.5
51	23.2	18.6	27.8
120	22.9	18.3	27.5



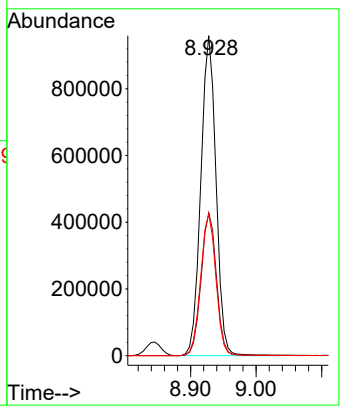


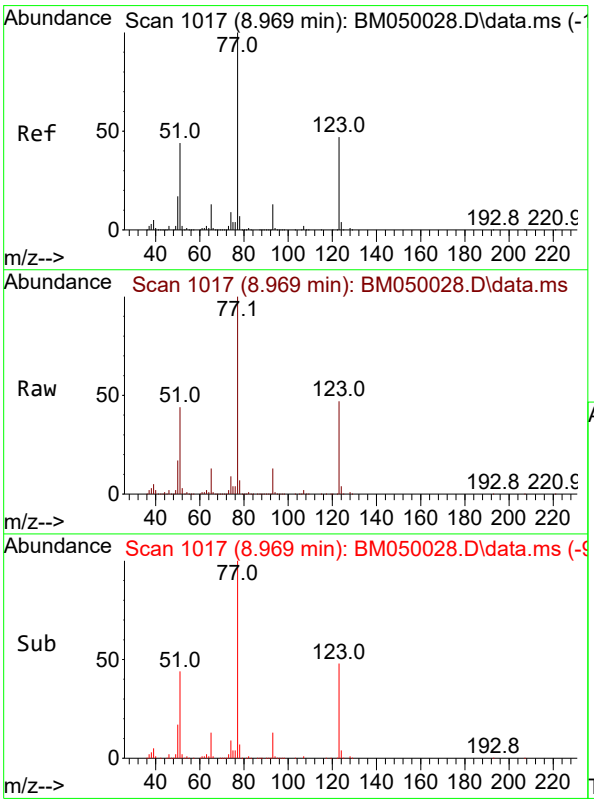
#23
Nitrobenzene-d5
Concen: 85.620 ng
RT: 8.928 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1547270

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.7	53.5
54	44.3	35.4	53.2

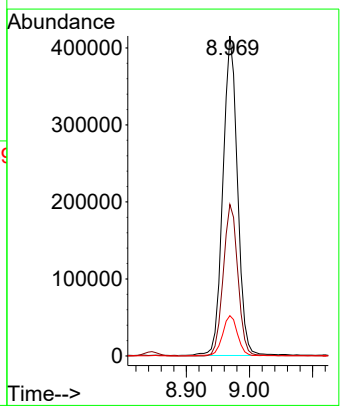


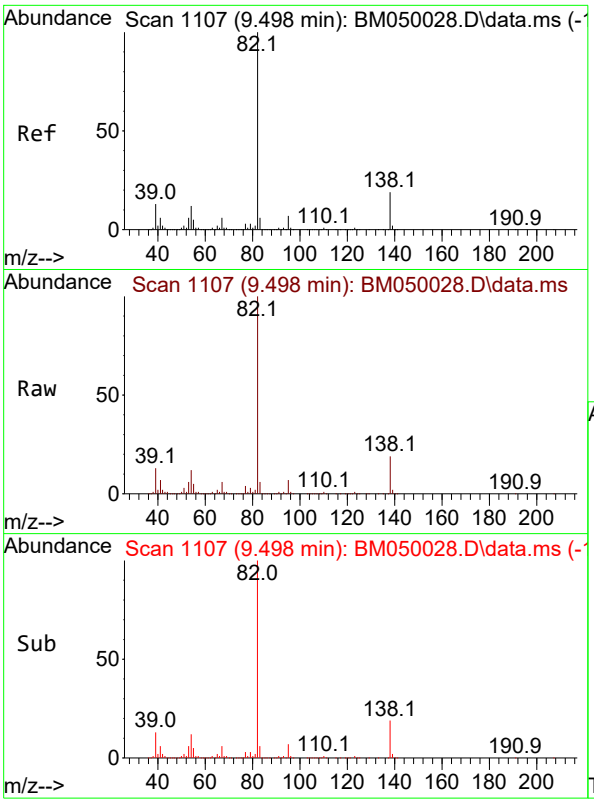


#24
Nitrobenzene
Concen: 42.625 ng
RT: 8.969 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 77 Resp: 666034

Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.9	56.9
65	12.6	10.1	15.1



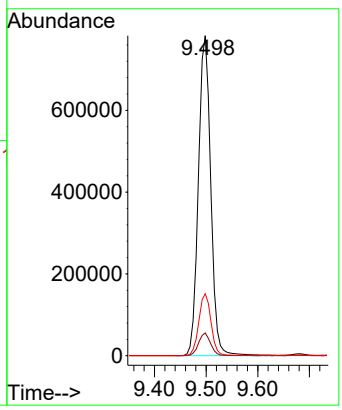


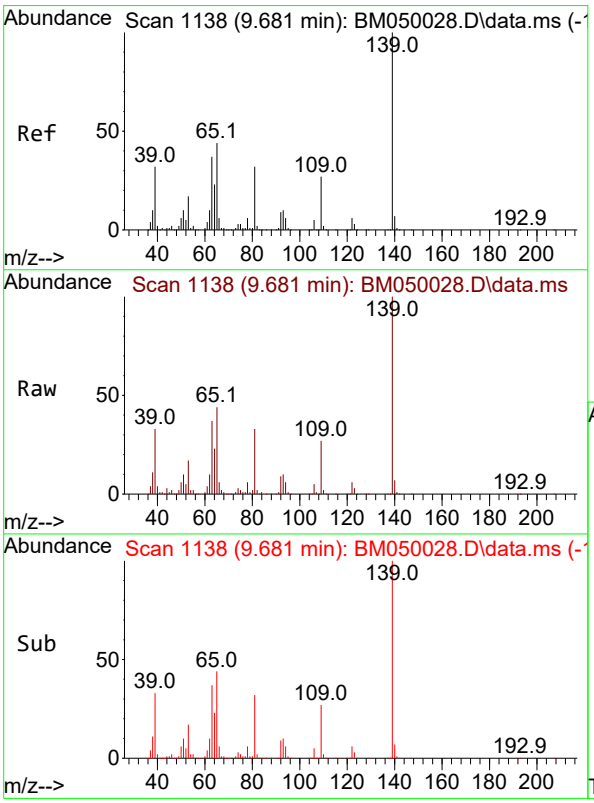
#25
Isophorone
Concen: 42.156 ng
RT: 9.498 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1298577

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.7	8.5
138	19.4	15.5	23.3

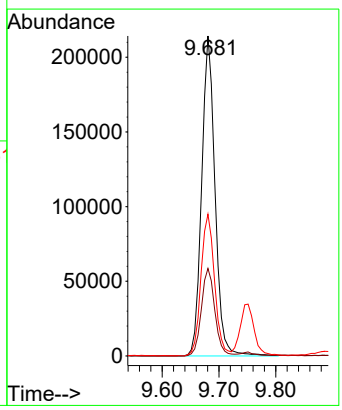


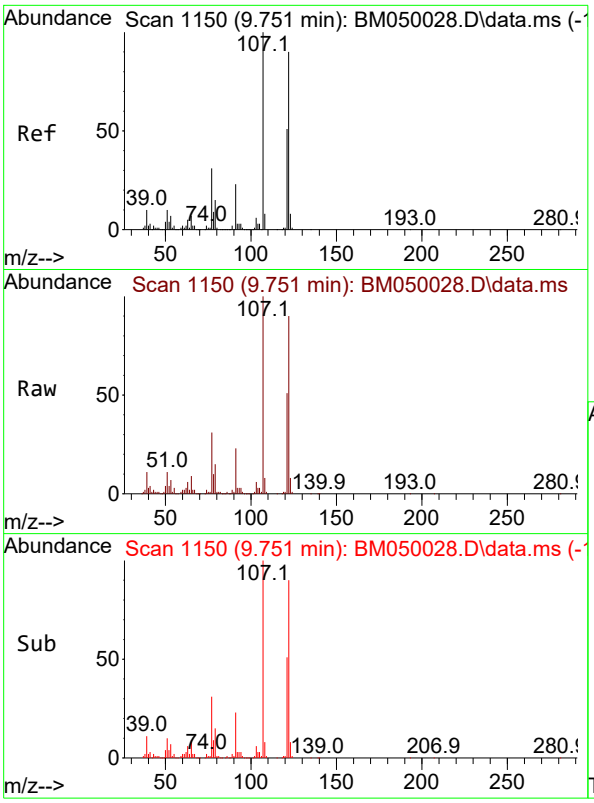


#26
2-Nitrophenol
Concen: 43.827 ng
RT: 9.681 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:139 Resp: 349855

Ion	Ratio	Lower	Upper
139	100		
109	27.4	21.9	32.9
65	44.3	35.4	53.2



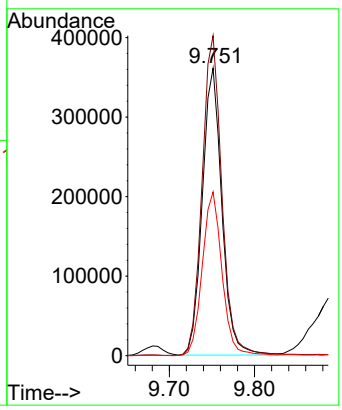


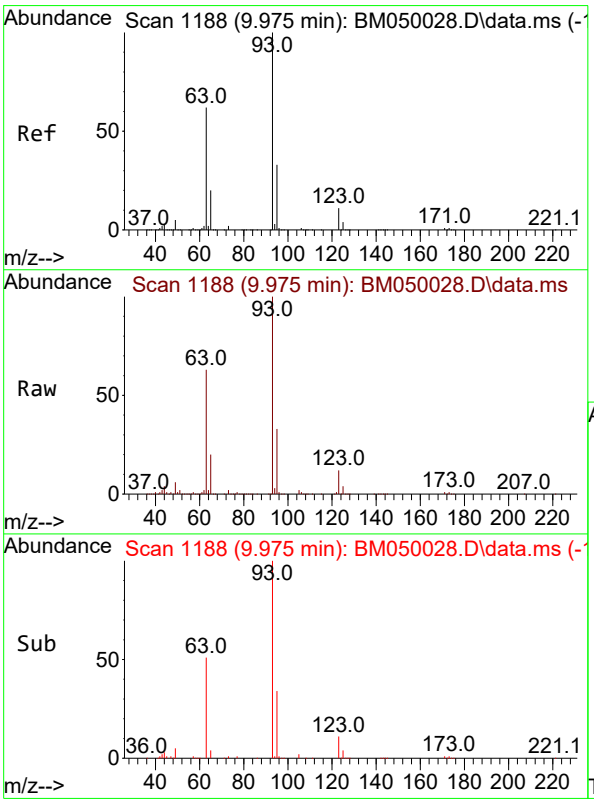
#27
2,4-Dimethylphenol
Concen: 43.552 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 576549

Ion	Ratio	Lower	Upper
122	100		
107	111.3	89.0	133.6
121	57.0	45.6	68.4

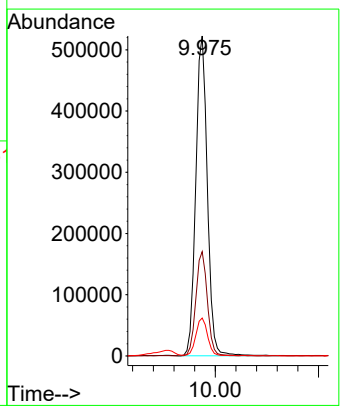


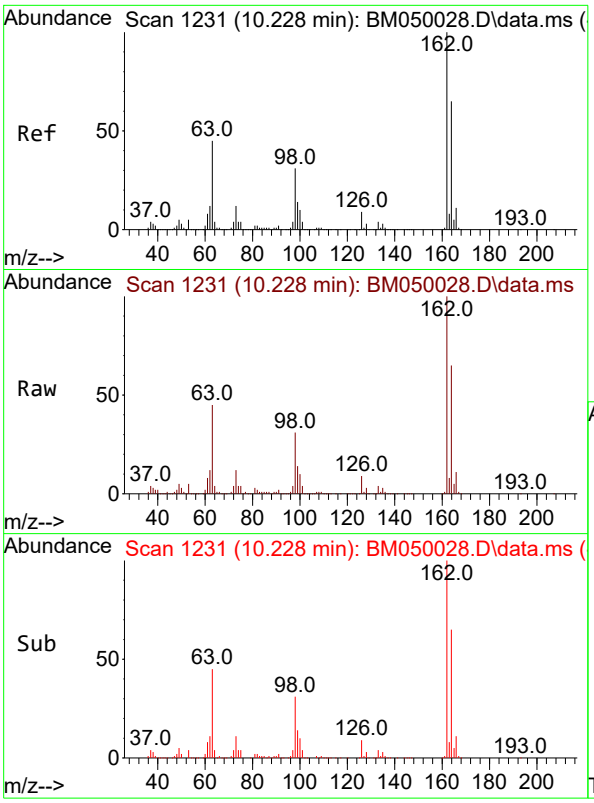


#28
bis(2-Chloroethoxy)methane
Concen: 42.518 ng
RT: 9.975 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 93 Resp: 809528

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.1	39.1
123	11.9	9.5	14.3



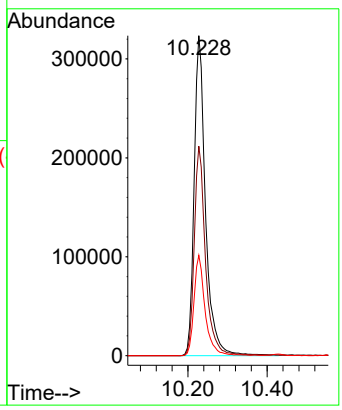


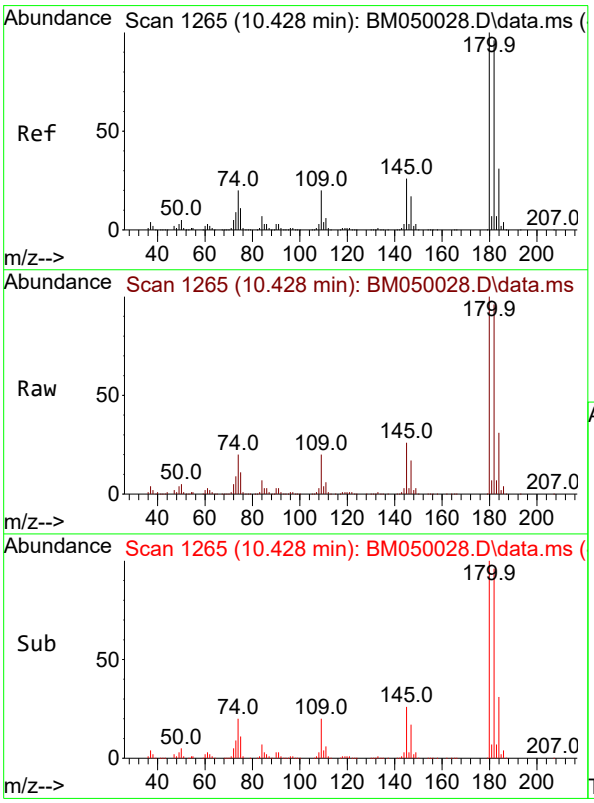
#29
2,4-Dichlorophenol
Concen: 43.461 ng
RT: 10.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 644546

Ion	Ratio	Lower	Upper
162	100		
164	65.4	45.4	85.4
98	31.3	11.3	51.3

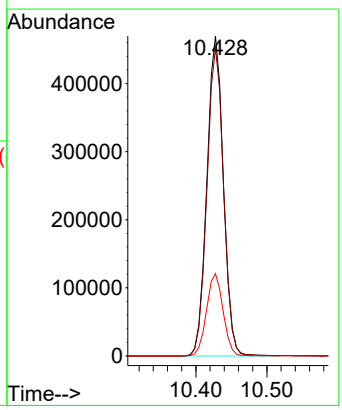


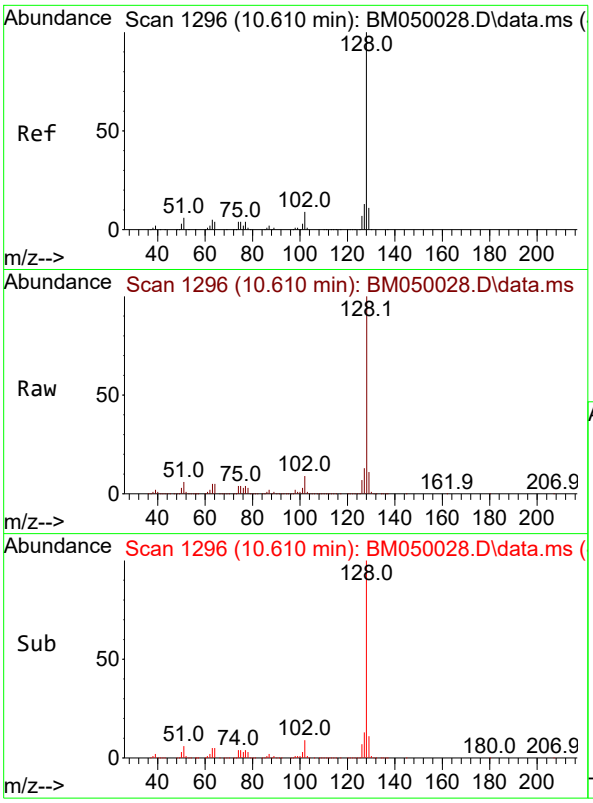


#30
1,2,4-Trichlorobenzene
Concen: 42.060 ng
RT: 10.428 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:180 Resp: 759987

Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.0	115.4
145	25.7	20.6	30.8



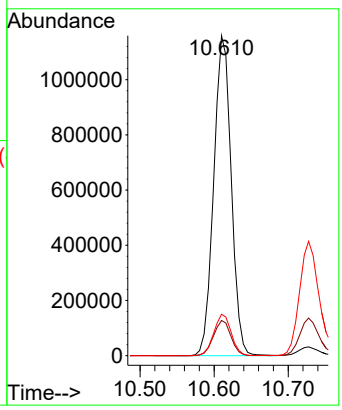


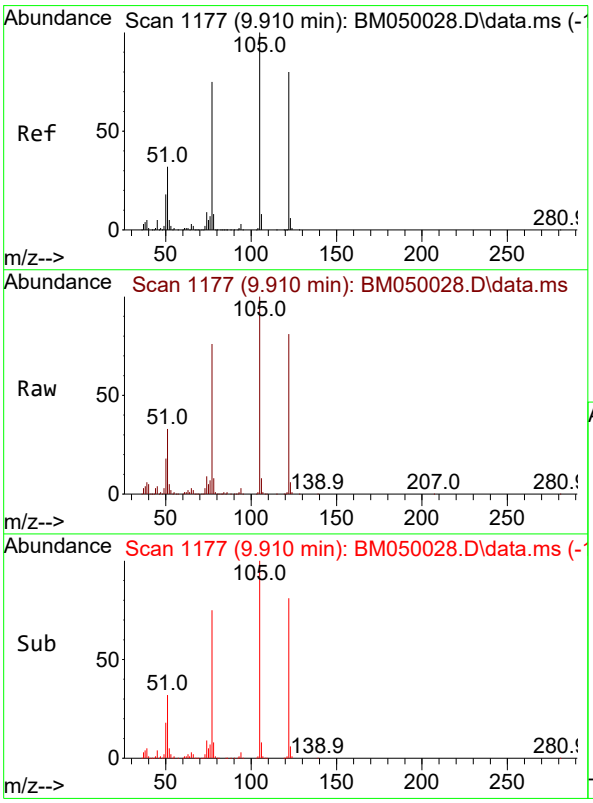
#31
Naphthalene
Concen: 42.100 ng
RT: 10.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 1898588

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.0	10.4	15.6

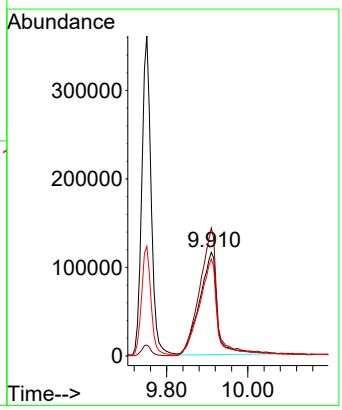


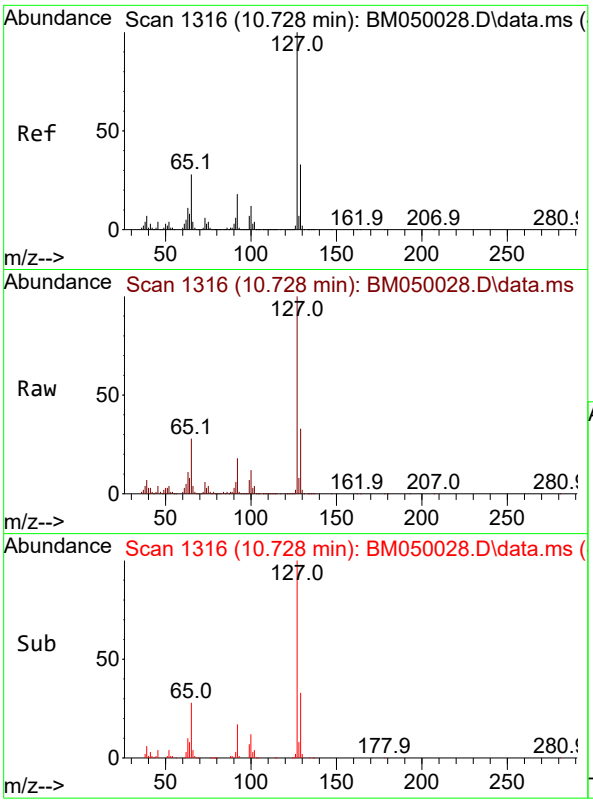


#32
Benzoic acid
Concen: 41.613 ng
RT: 9.910 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:122 Resp: 351345

Ion	Ratio	Lower	Upper
122	100		
105	123.6	103.6	143.6
77	93.7	73.7	113.7



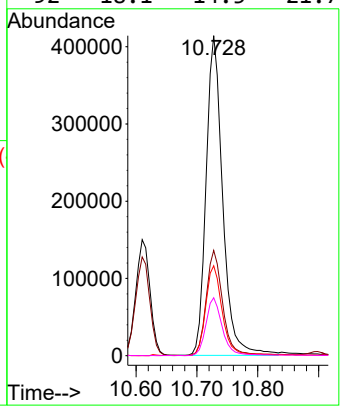


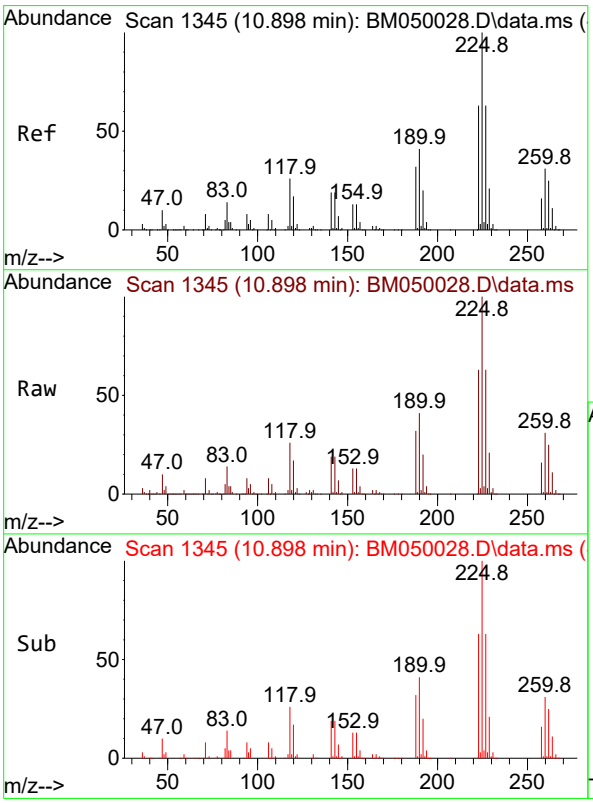
#33
4-Chloroaniline
Concen: 42.448 ng
RT: 10.728 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 784625

Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	28.1	22.5	33.7
92	18.1	14.5	21.7

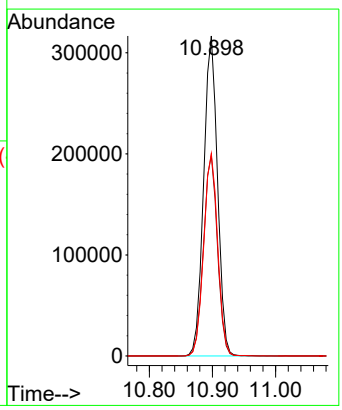


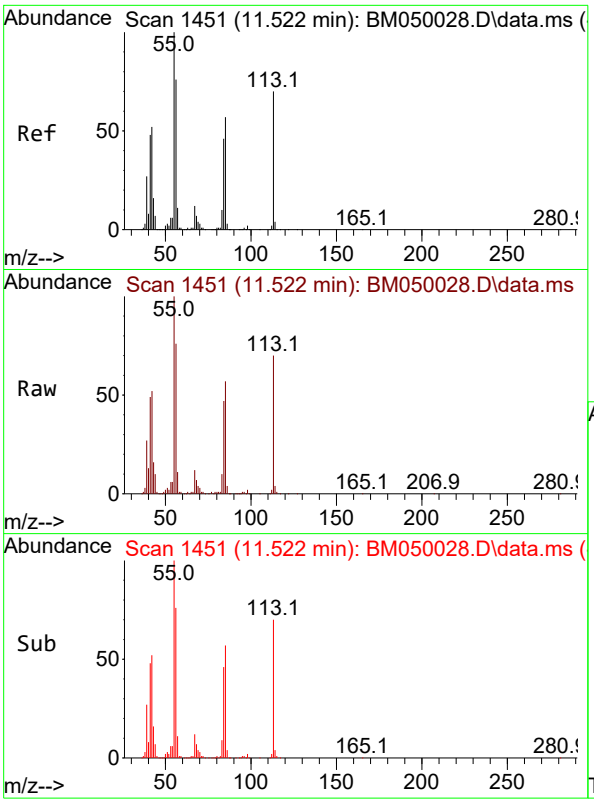


#34
Hexachlorobutadiene
Concen: 41.981 ng
RT: 10.898 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:225 Resp: 481510

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	63.3	50.6	76.0



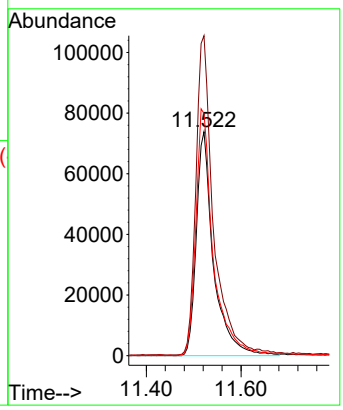


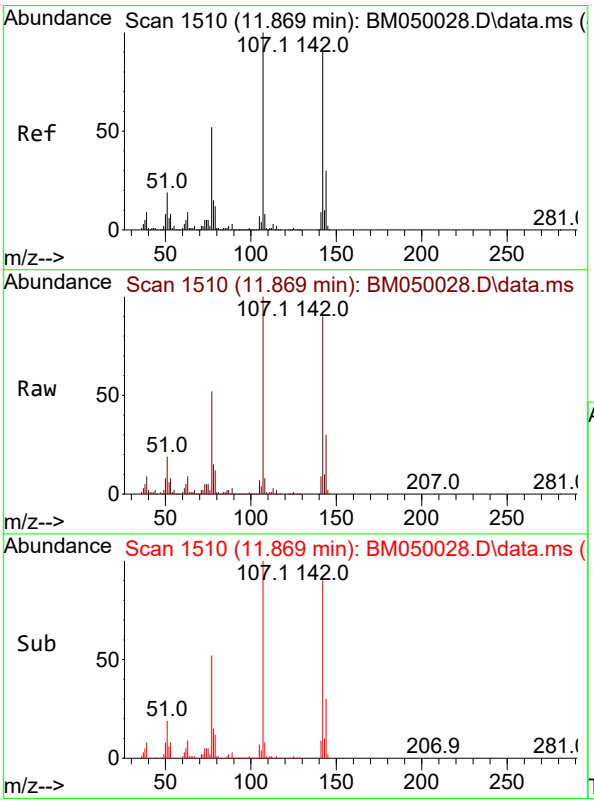
#35
Caprolactam
Concen: 43.010 ng
RT: 11.522 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 185984

Ion	Ratio	Lower	Upper
113	100		
55	142.9	122.9	162.9
56	108.1	88.1	128.1

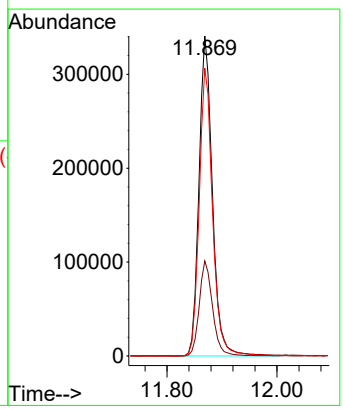


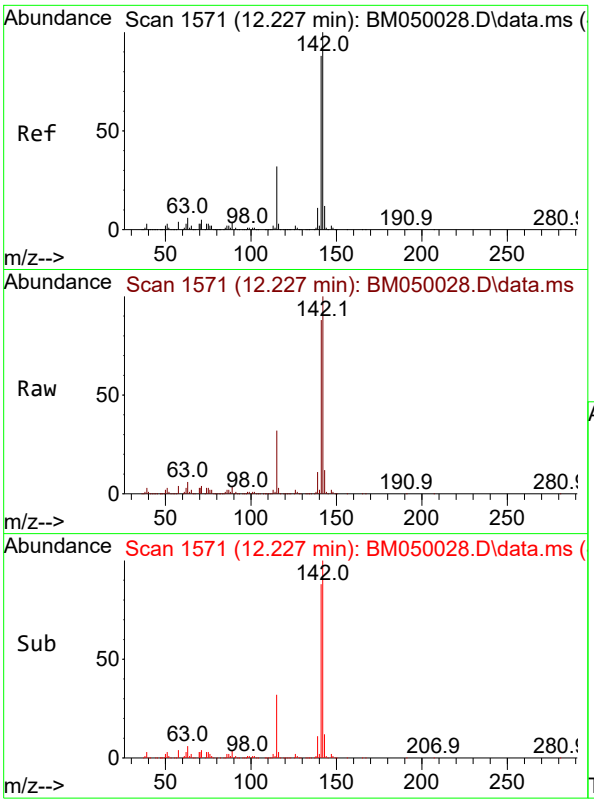


#36
4-Chloro-3-methylphenol
Concen: 42.293 ng
RT: 11.869 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:107 Resp: 579492

Ion	Ratio	Lower	Upper
107	100		
144	29.7	23.8	35.6
142	89.9	71.9	107.9



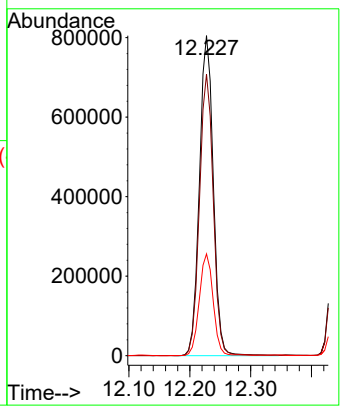


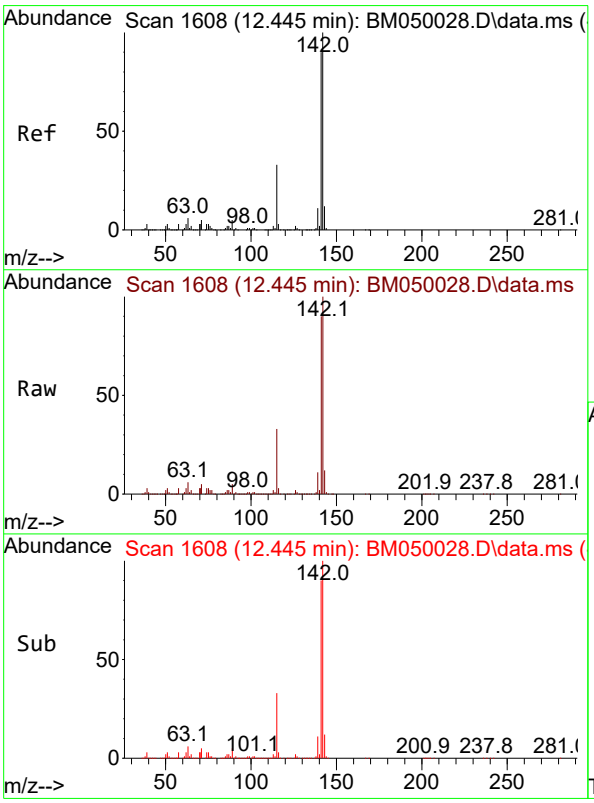
#37
2-Methylnaphthalene
Concen: 41.973 ng
RT: 12.227 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 1269061

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.4	105.6
115	31.8	25.4	38.2

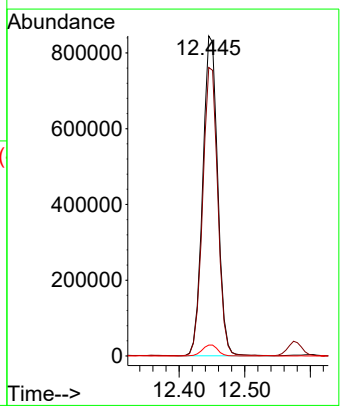


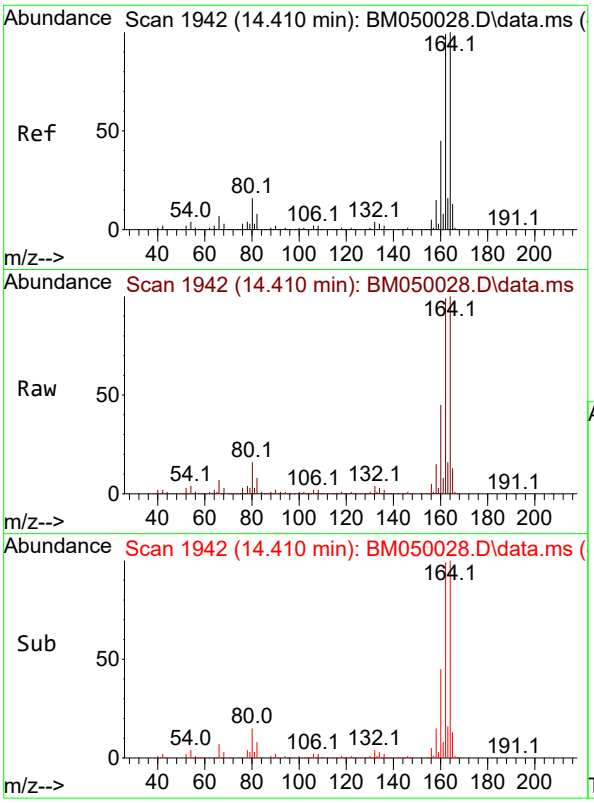


#38
1-Methylnaphthalene
Concen: 41.928 ng
RT: 12.445 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:142 Resp: 1341577

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.1	108.1
116	3.4	2.7	4.1



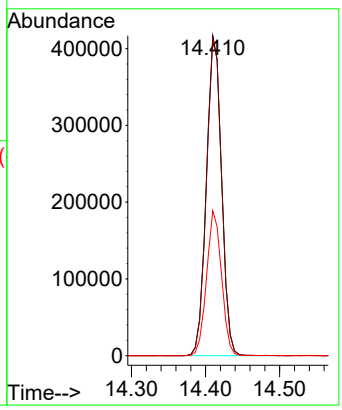


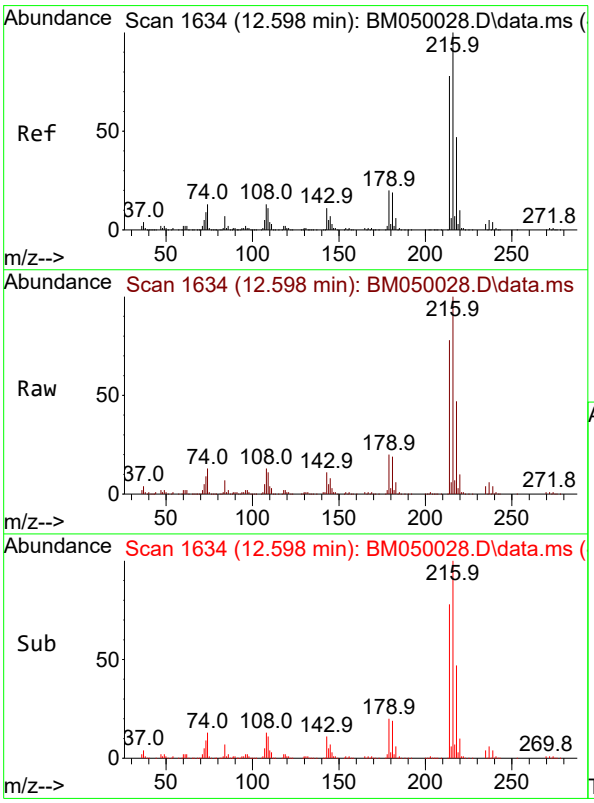
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 591599

Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.4	119.0
160	45.3	36.2	54.4

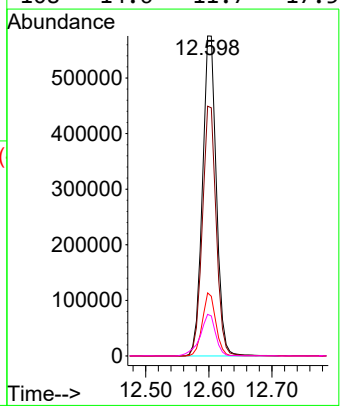


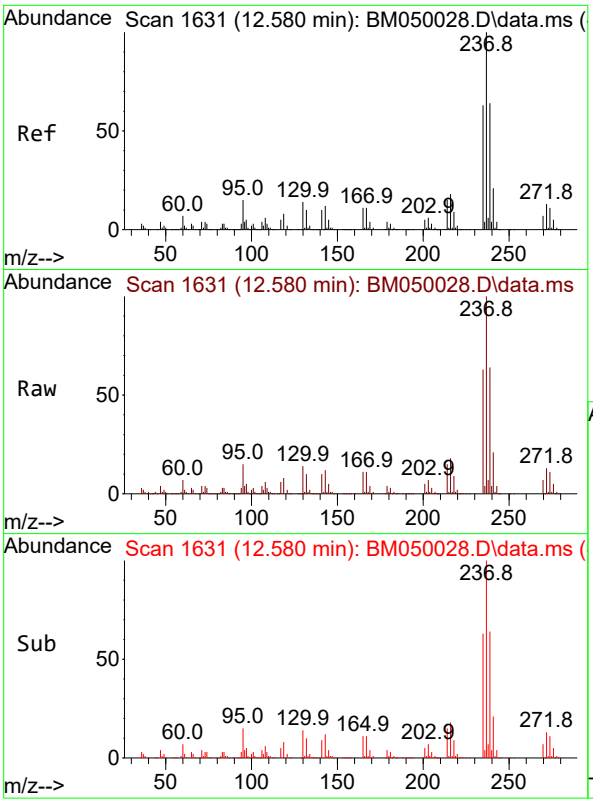


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.894 ng
RT: 12.598 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:216 Resp: 878448

Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.3	93.5
179	19.2	15.4	23.0
108	14.6	11.7	17.5



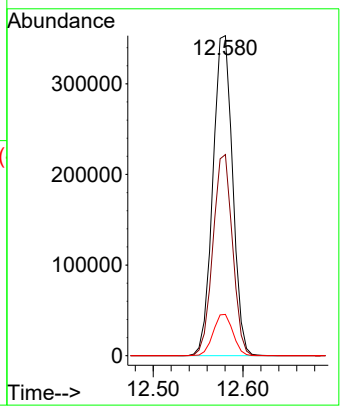


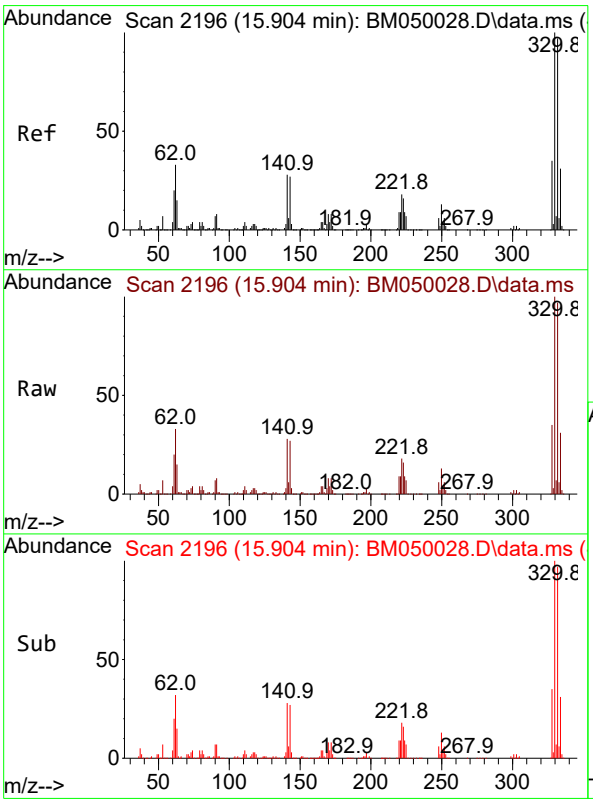
#41
Hexachlorocyclopentadiene
Concen: 43.050 ng
RT: 12.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 538788

Ion	Ratio	Lower	Upper
237	100		
235	62.9	42.9	82.9
272	12.9	0.0	32.9

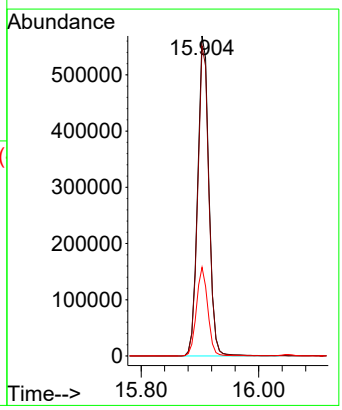


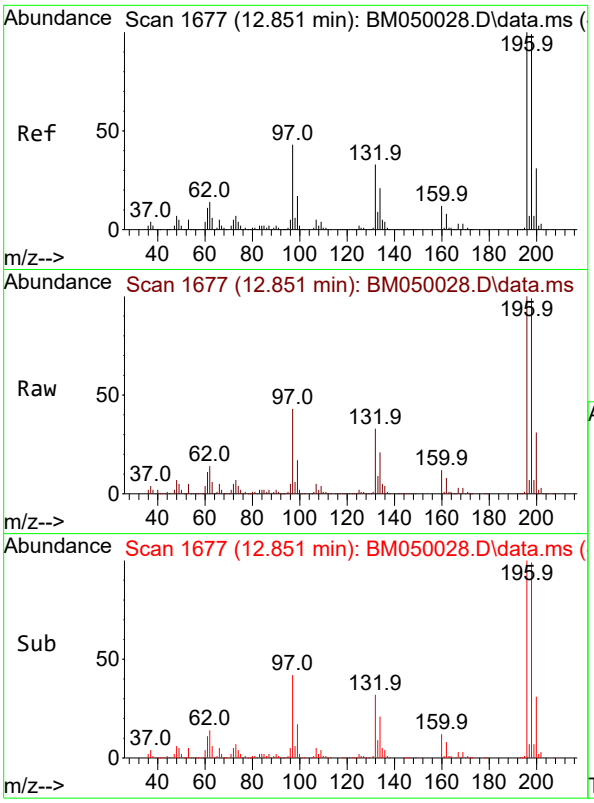


#42
2,4,6-Tribromophenol
Concen: 85.958 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:330 Resp: 751927

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	28.1	22.5	33.7



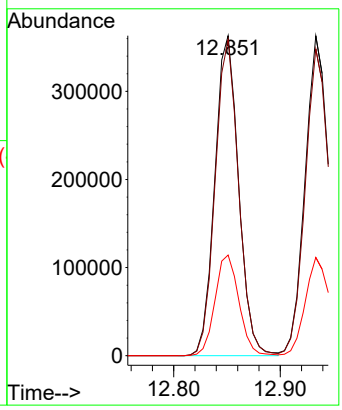


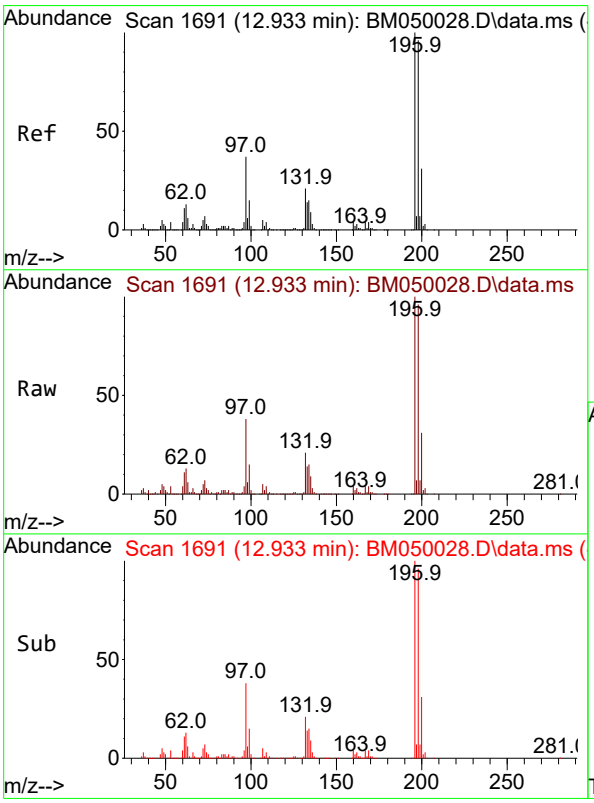
#43
2,4,6-Trichlorophenol
Concen: 43.368 ng
RT: 12.851 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 563324

Ion	Ratio	Lower	Upper
196	100		
198	98.8	79.0	118.6
200	31.4	25.1	37.7

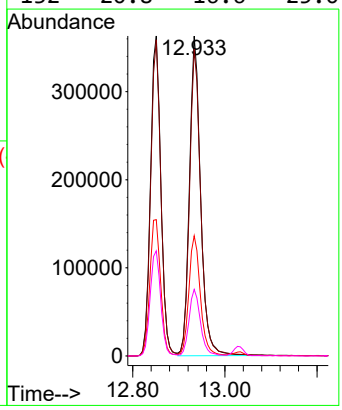


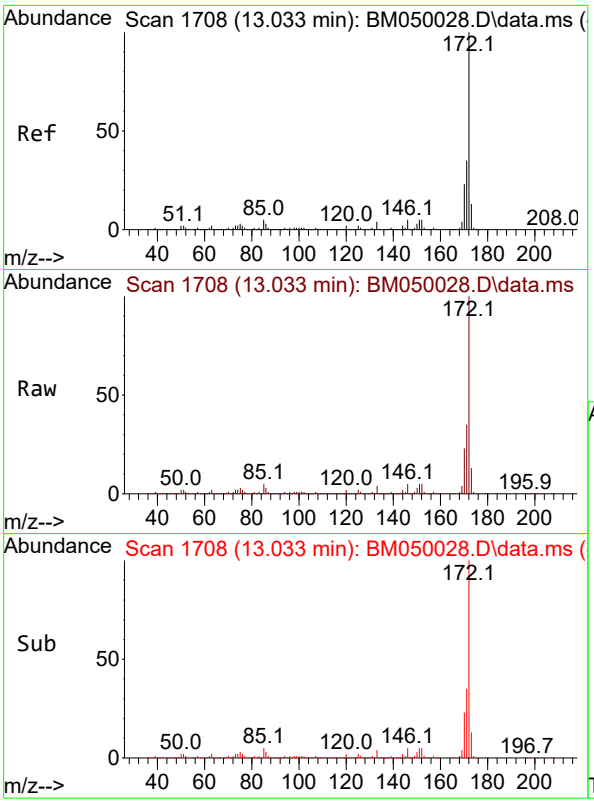


#44
2,4,5-Trichlorophenol
Concen: 43.706 ng
RT: 12.933 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:196 Resp: 612194

Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.7	115.1
97	37.6	30.1	45.1
132	20.8	16.6	25.0



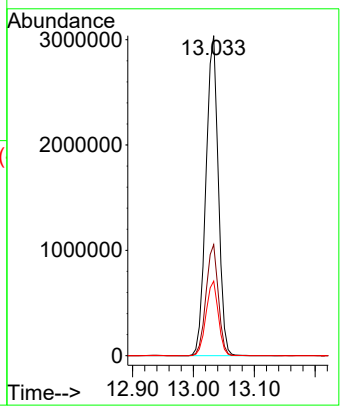


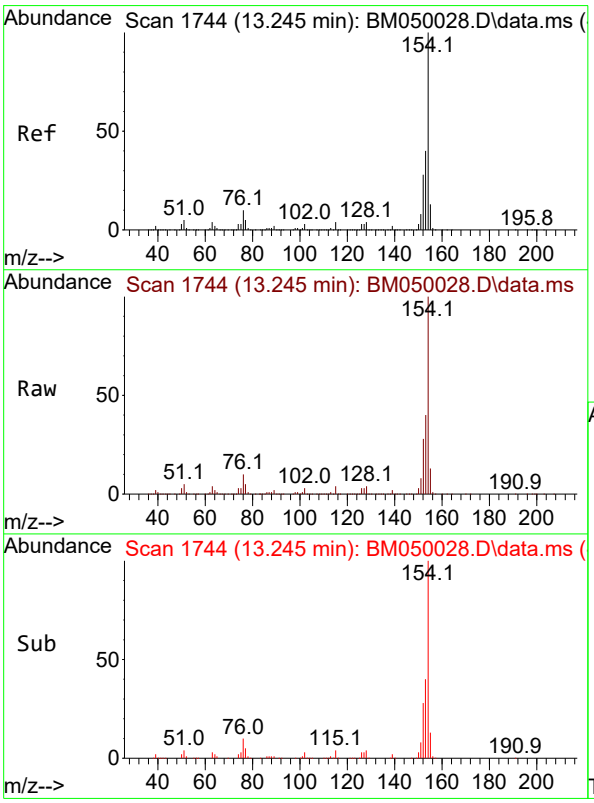
#45
2-Fluorobiphenyl
Concen: 85.489 ng
RT: 13.033 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 4275240

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	23.3	18.6	28.0

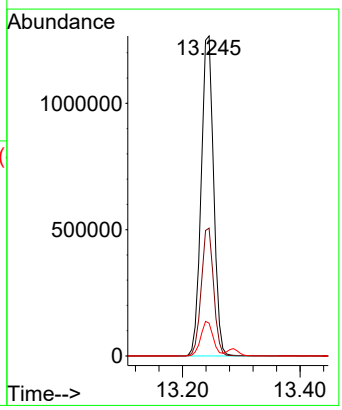


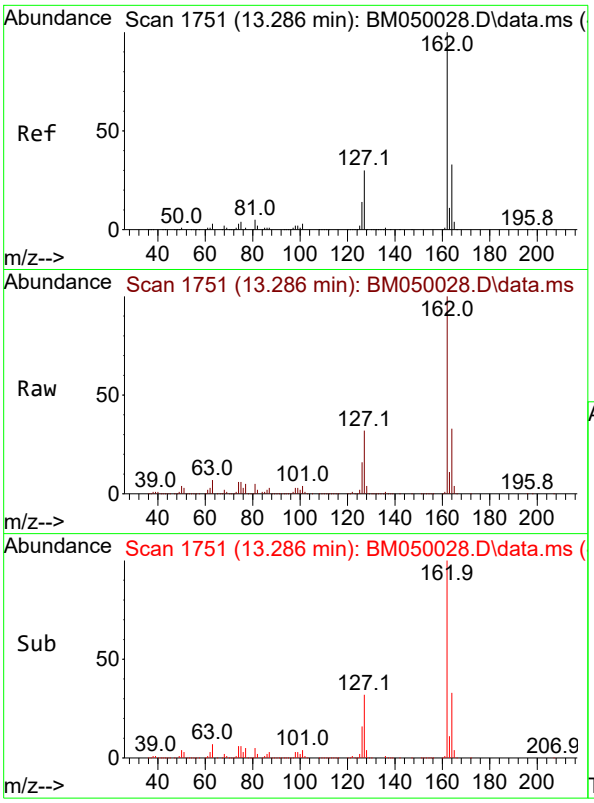


#46
1,1'-Biphenyl
Concen: 42.309 ng
RT: 13.245 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:154 Resp: 1860581

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.0	60.0
76	10.3	0.0	30.3



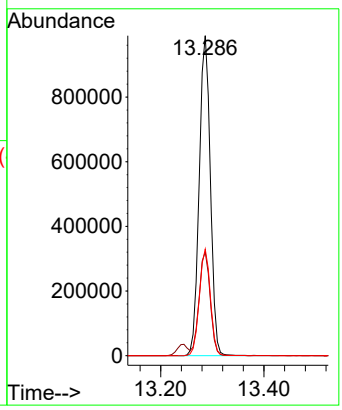


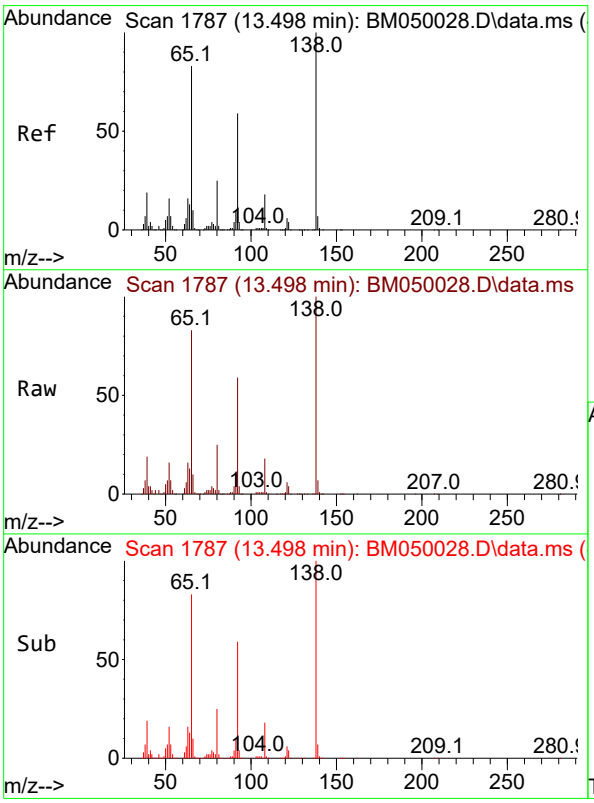
#47
2-Chloronaphthalene
Concen: 42.480 ng
RT: 13.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 1479560

Ion	Ratio	Lower	Upper
162	100		
127	32.4	25.9	38.9
164	33.3	26.6	40.0

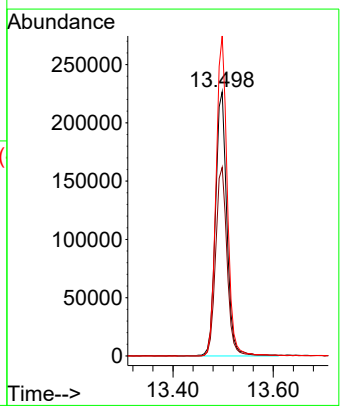


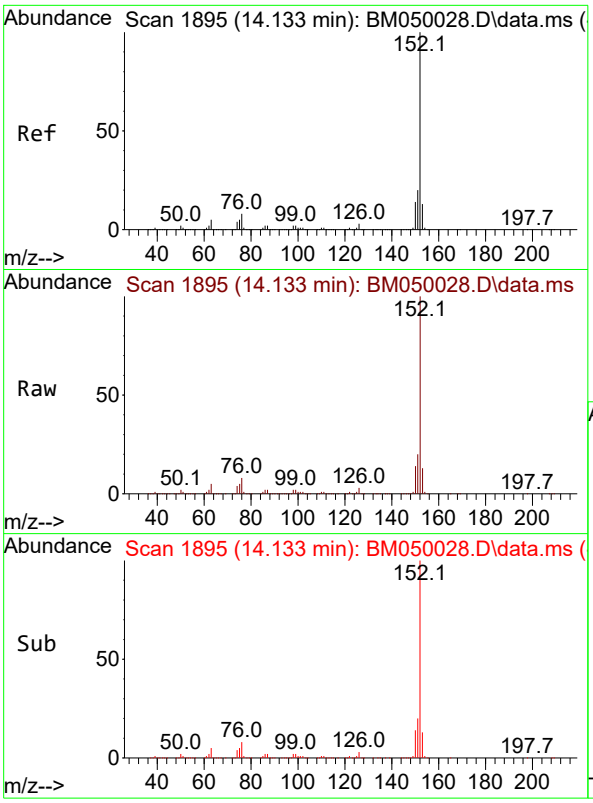


#48
2-Nitroaniline
Concen: 43.684 ng
RT: 13.498 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 65 Resp: 357098

Ion	Ratio	Lower	Upper
65	100		
92	71.4	57.1	85.7
138	121.2	97.0	145.4



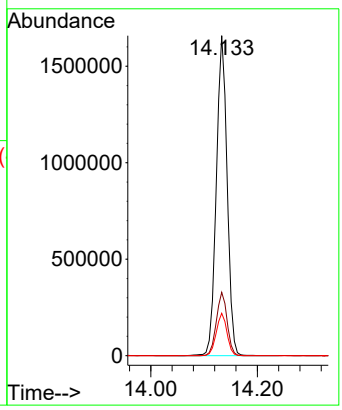


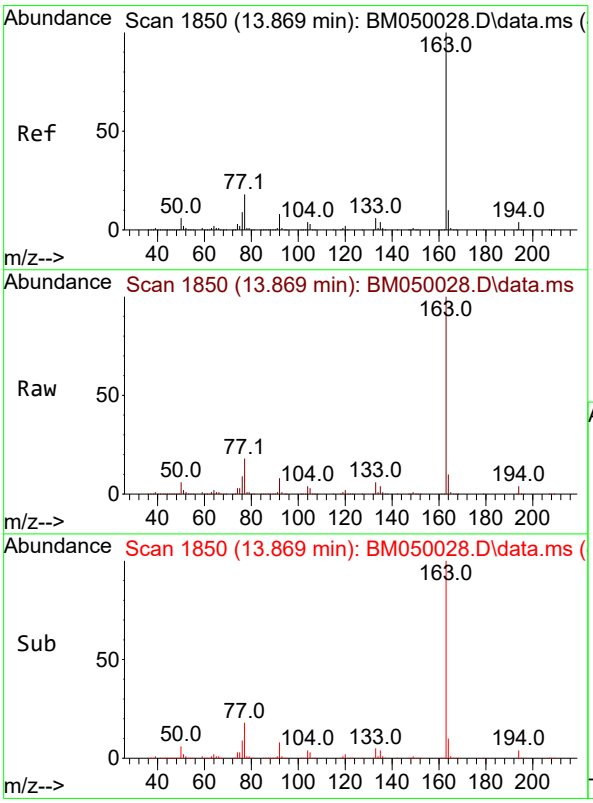
#49
Acenaphthylene
Concen: 42.478 ng
RT: 14.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 2332675

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.2	10.6	15.8

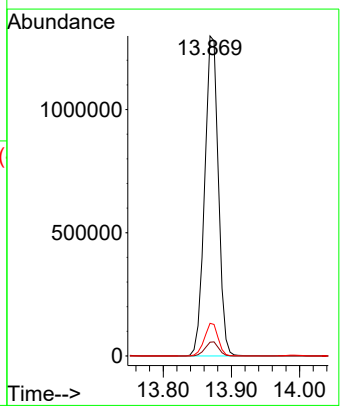


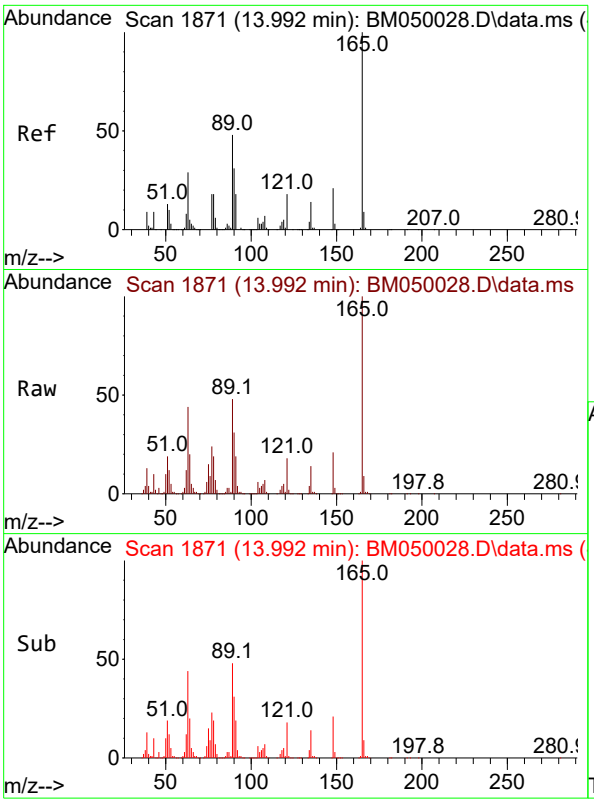


#50
Dimethylphthalate
Concen: 41.918 ng
RT: 13.869 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:163 Resp: 1812335

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.2	8.2	12.2



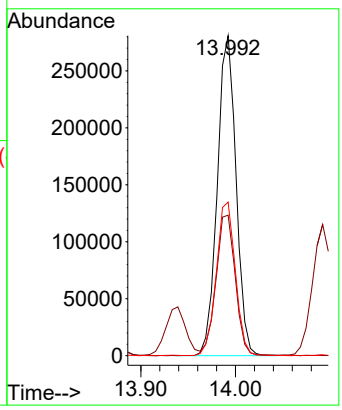


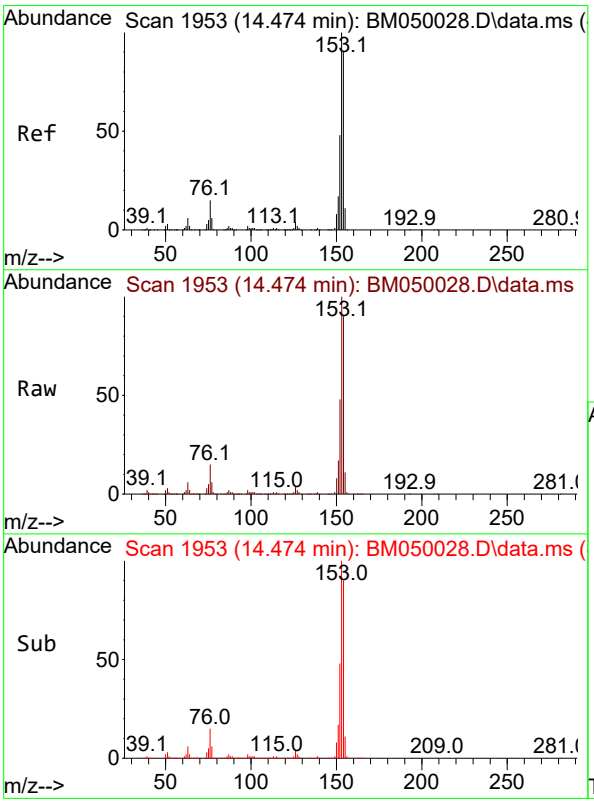
#51
2,6-Dinitrotoluene
Concen: 43.191 ng
RT: 13.992 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 386623

Ion	Ratio	Lower	Upper
165	100		
63	43.9	35.1	52.7
89	48.0	38.4	57.6

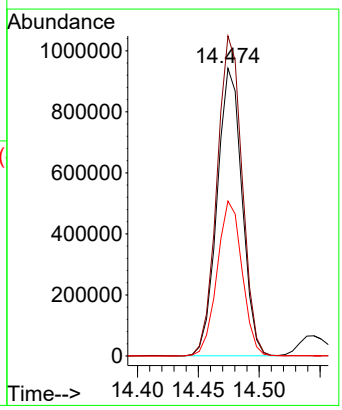


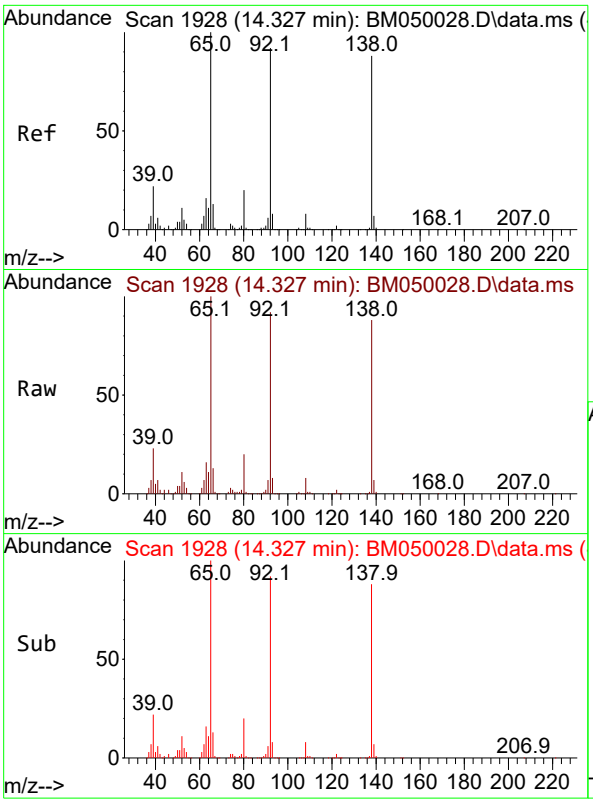


#52
Acenaphthene
Concen: 42.186 ng
RT: 14.474 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:154 Resp: 1340946

Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.0	133.4
152	53.8	43.0	64.6



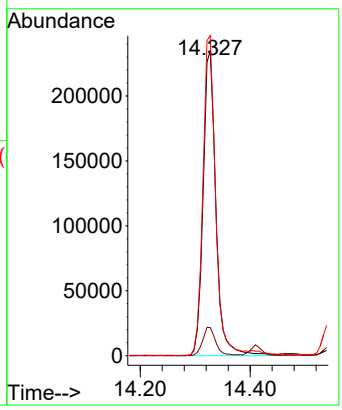


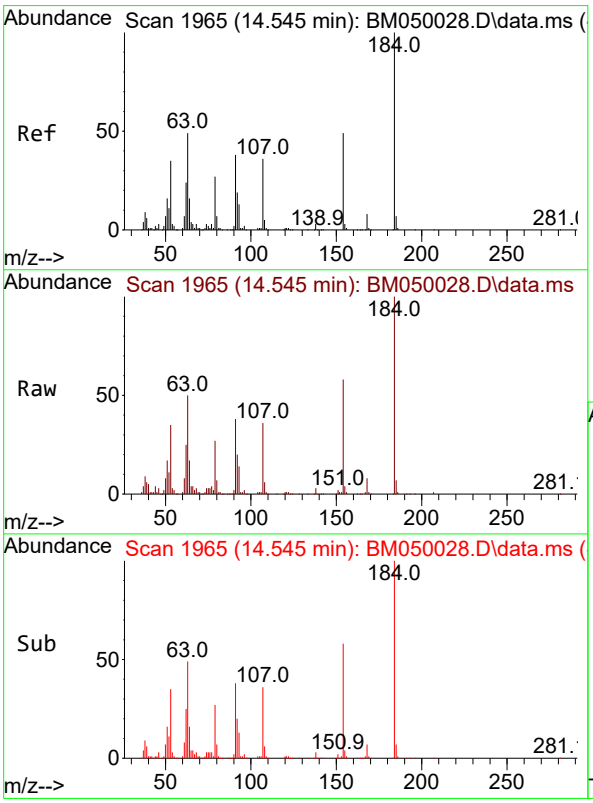
#53
3-Nitroaniline
Concen: 44.389 ng
RT: 14.327 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 379359

Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.4	11.2
92	105.0	84.0	126.0

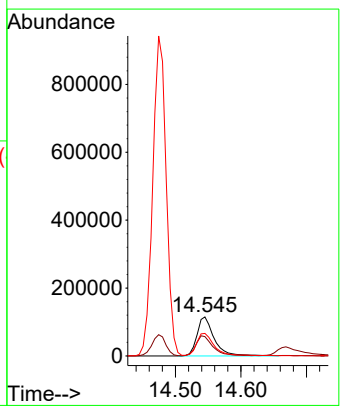


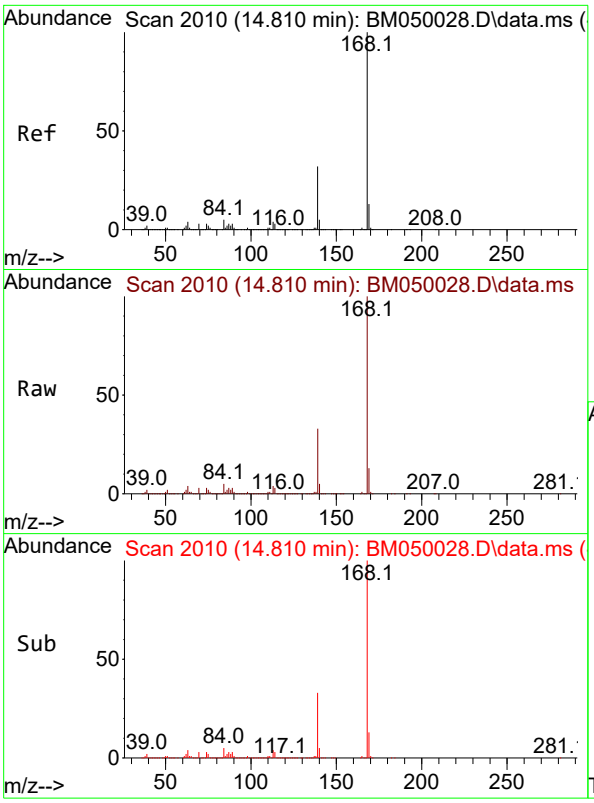


#54
2,4-Dinitrophenol
Concen: 39.788 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:184 Resp: 210115

Ion	Ratio	Lower	Upper
184	100		
63	49.7	39.8	59.6
154	57.6	46.1	69.1



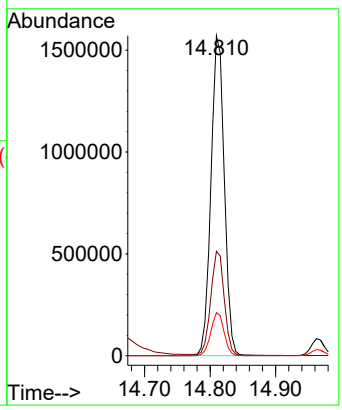


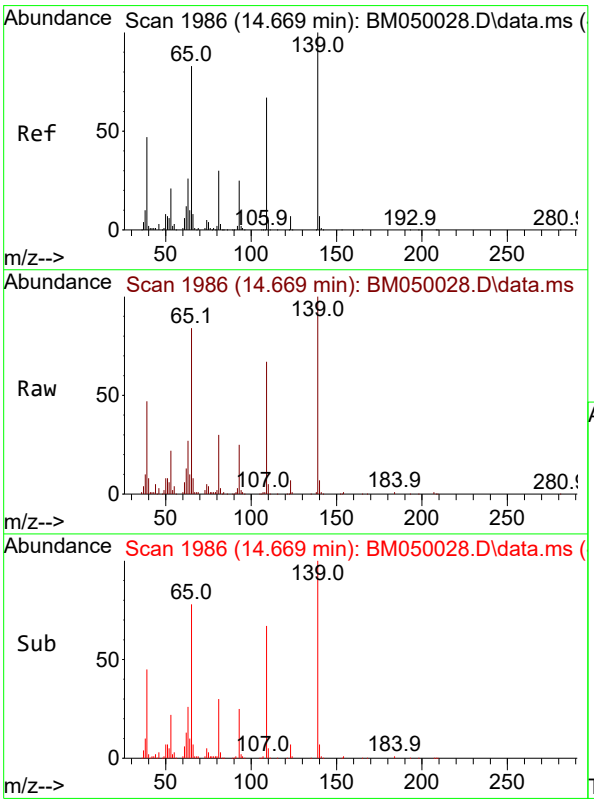
#55
Dibenzofuran
Concen: 41.961 ng
RT: 14.810 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 2219206

Ion	Ratio	Lower	Upper
168	100		
139	32.6	26.1	39.1
169	13.5	10.8	16.2

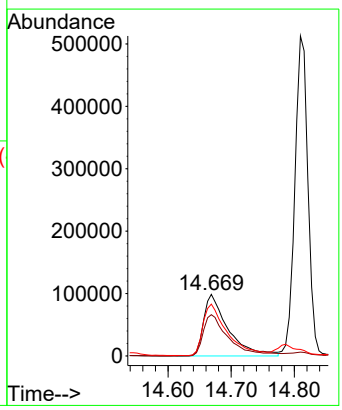


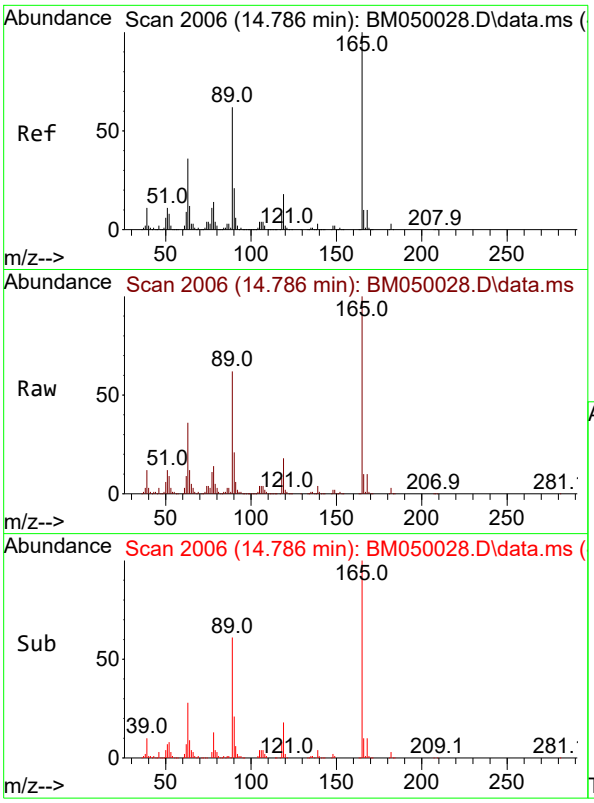


#56
4-Nitrophenol
Concen: 40.483 ng
RT: 14.669 min Scan# 1986
Delta R.T. -0.001 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:139 Resp: 264964

Ion	Ratio	Lower	Upper
139	100		
109	67.0	47.0	87.0
65	84.3	64.3	104.3



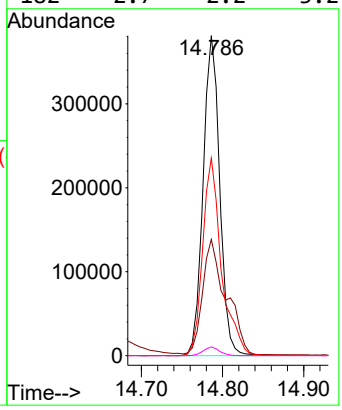


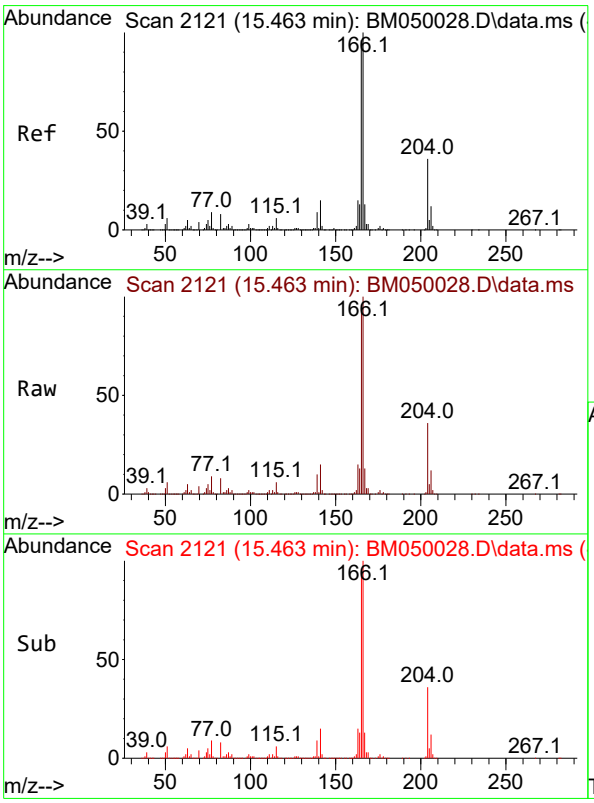
#57
2,4-Dinitrotoluene
Concen: 43.646 ng
RT: 14.786 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 539867

Ion	Ratio	Lower	Upper
165	100		
63	36.3	29.0	43.6
89	61.8	49.4	74.2
182	2.7	2.2	3.2

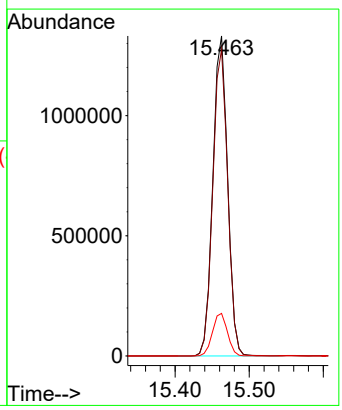


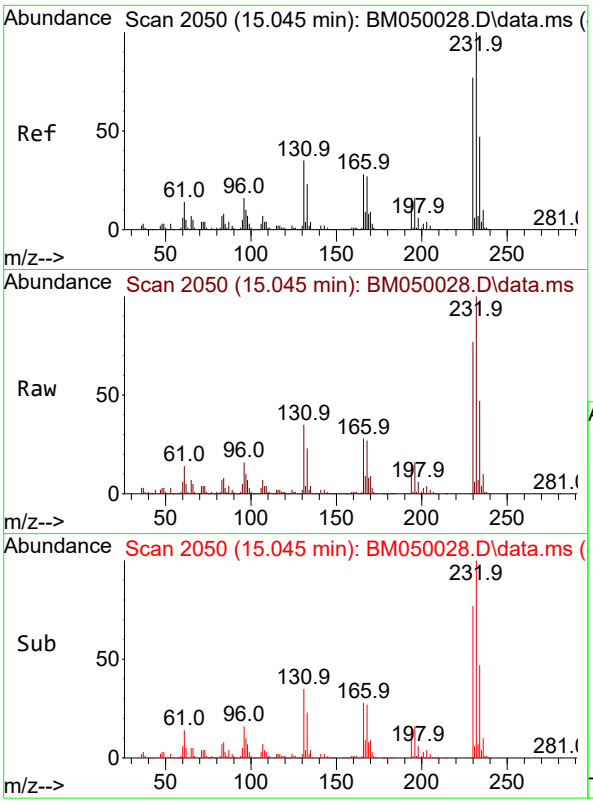


#58
Fluorene
Concen: 42.580 ng
RT: 15.463 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:166 Resp: 1843261

Ion	Ratio	Lower	Upper
166	100		
165	95.8	76.6	115.0
167	13.3	10.6	16.0



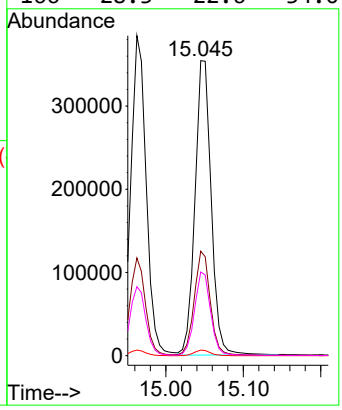


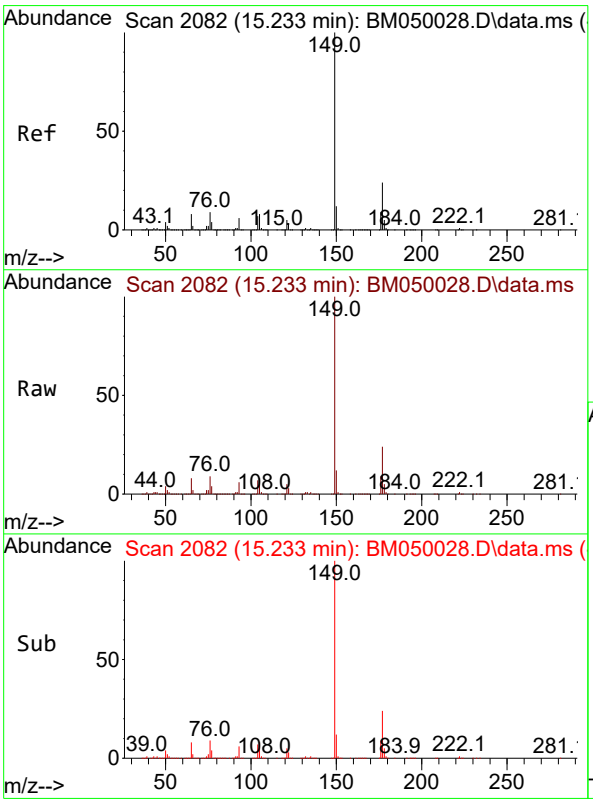
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.446 ng
RT: 15.045 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 514644

Ion	Ratio	Lower	Upper
232	100		
131	35.3	28.2	42.4
130	1.9	1.5	2.3
166	28.3	22.6	34.0

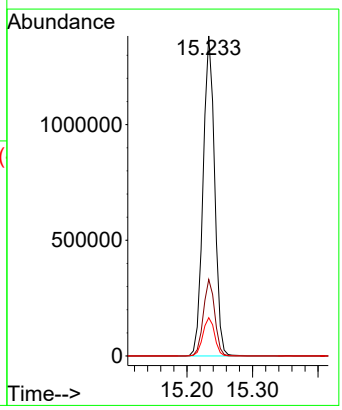


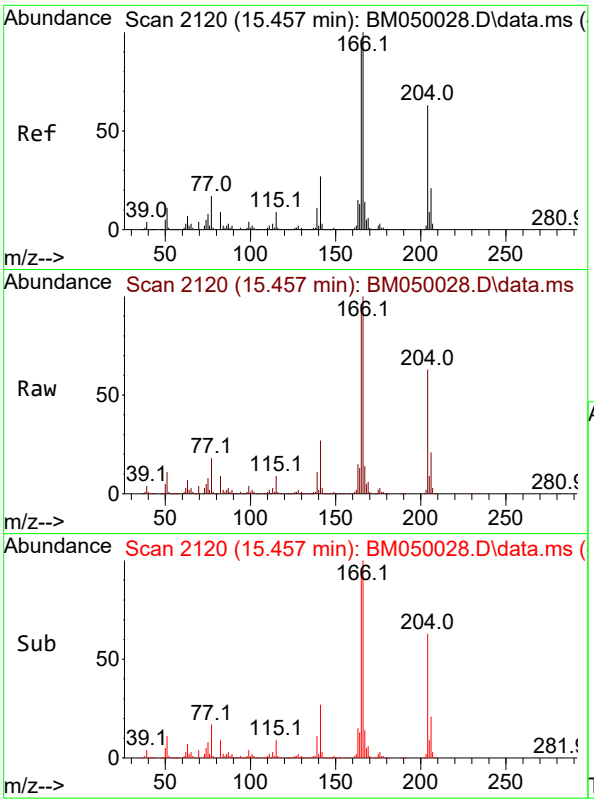


#60
Diethylphthalate
Concen: 41.631 ng
RT: 15.233 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:149 Resp: 1696013

Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.1	28.7
150	12.0	9.6	14.4



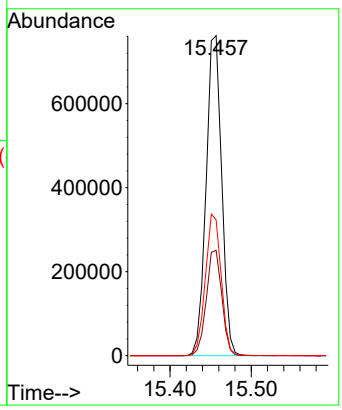


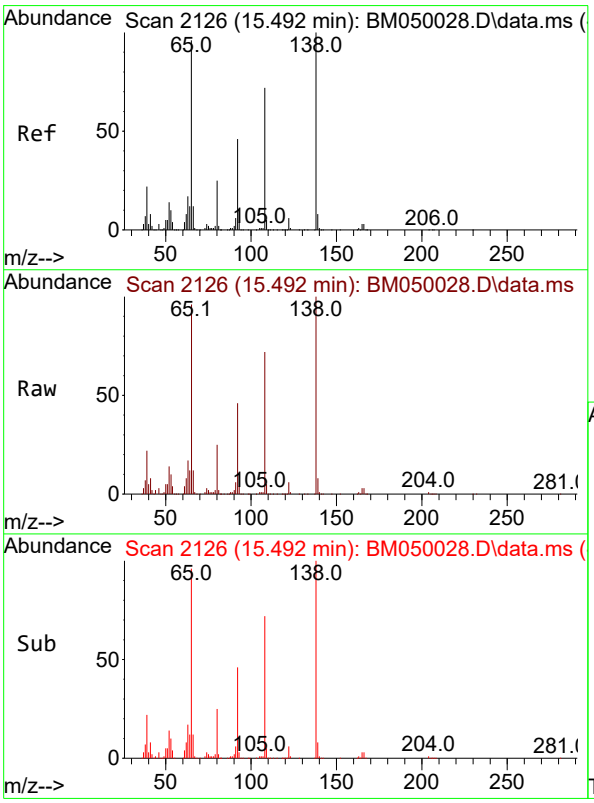
#61
4-Chlorophenyl-phenylether
Concen: 42.652 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 1014134

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	42.5	34.0	51.0

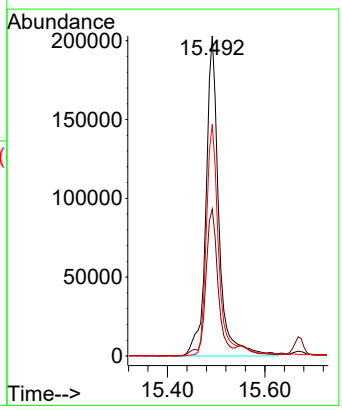


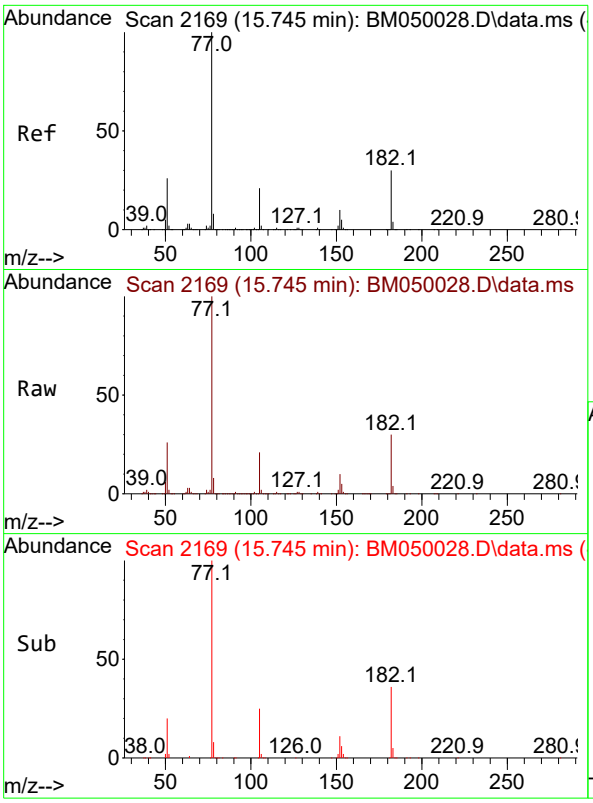


#62
4-Nitroaniline
Concen: 44.949 ng
RT: 15.492 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:138 Resp: 370884

Ion	Ratio	Lower	Upper
138	100		
92	45.9	25.9	65.9
108	72.4	52.4	92.4



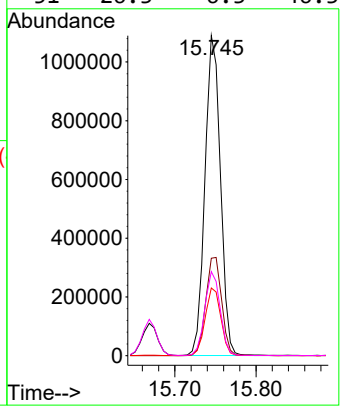


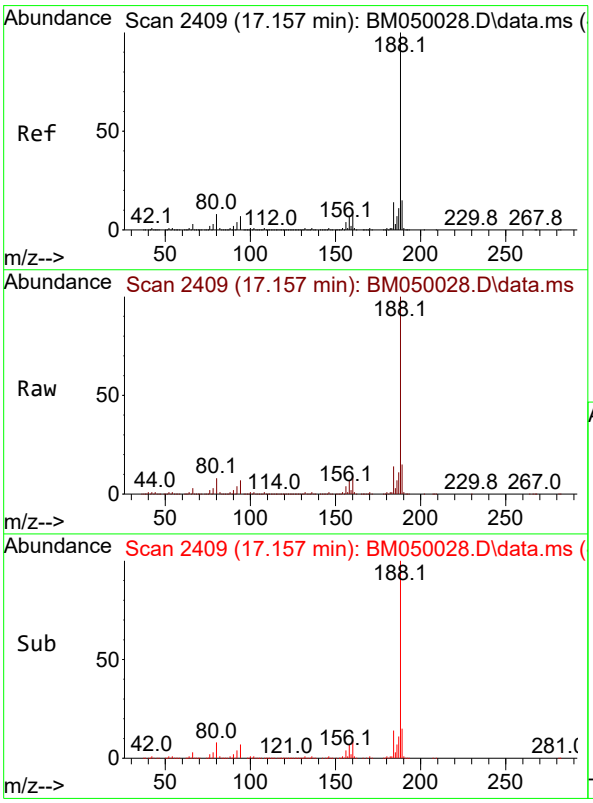
#63
Azobenzene
Concen: 42.150 ng
RT: 15.745 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 1439085

Ion	Ratio	Lower	Upper
77	100		
182	30.5	10.5	50.5
105	21.1	1.1	41.1
51	26.3	6.3	46.3

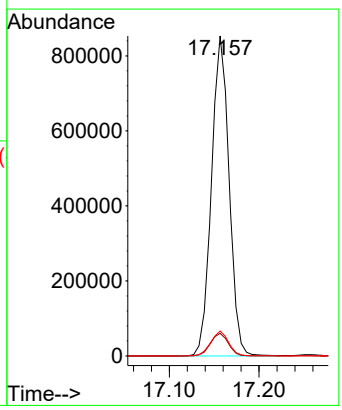


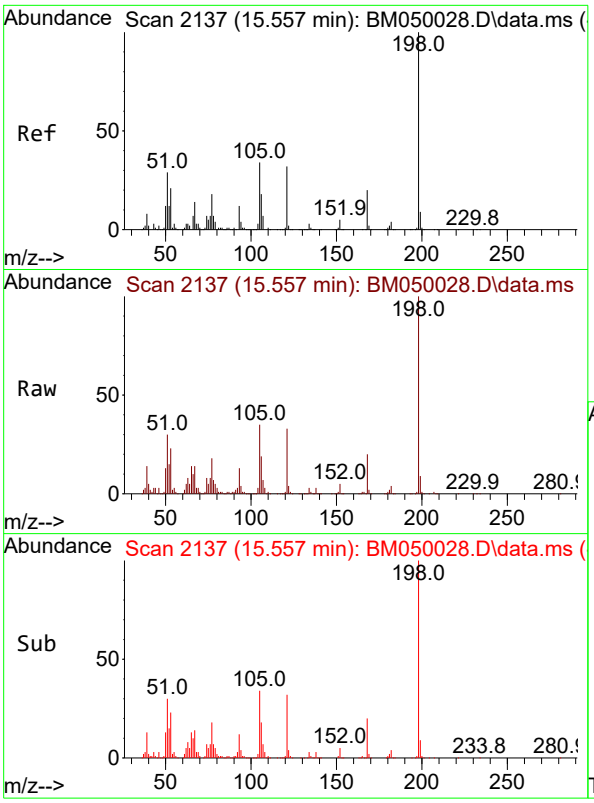


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:188 Resp: 1163791

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	7.8	6.2	9.4



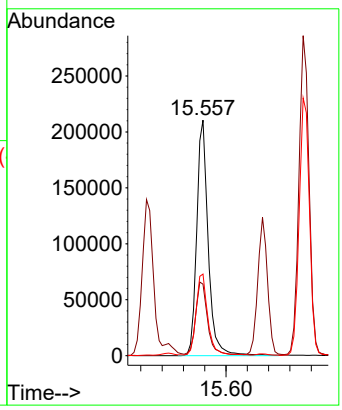


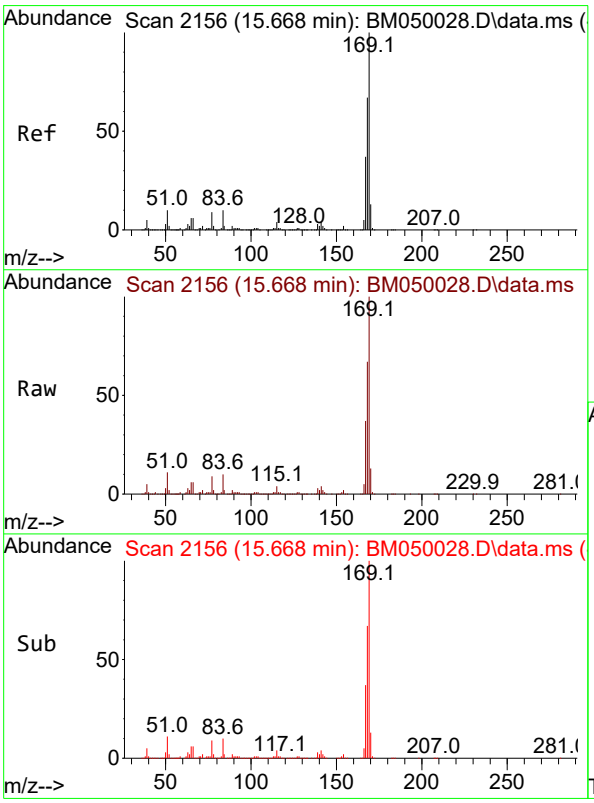
#65
4,6-Dinitro-2-methylphenol
Concen: 43.256 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 315113

Ion	Ratio	Lower	Upper
198	100		
51	30.4	10.4	50.4
105	34.6	14.6	54.6

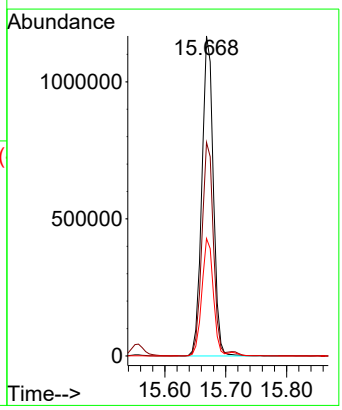


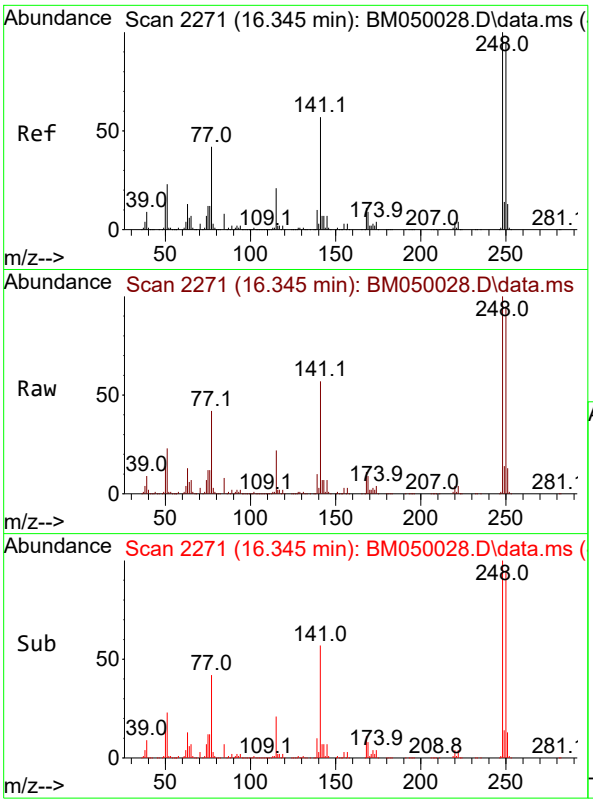


#66
n-Nitrosodiphenylamine
Concen: 42.678 ng
RT: 15.668 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:169 Resp: 1525193

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.4	80.2
167	36.7	29.4	44.0



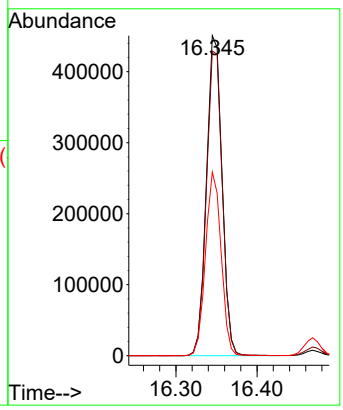


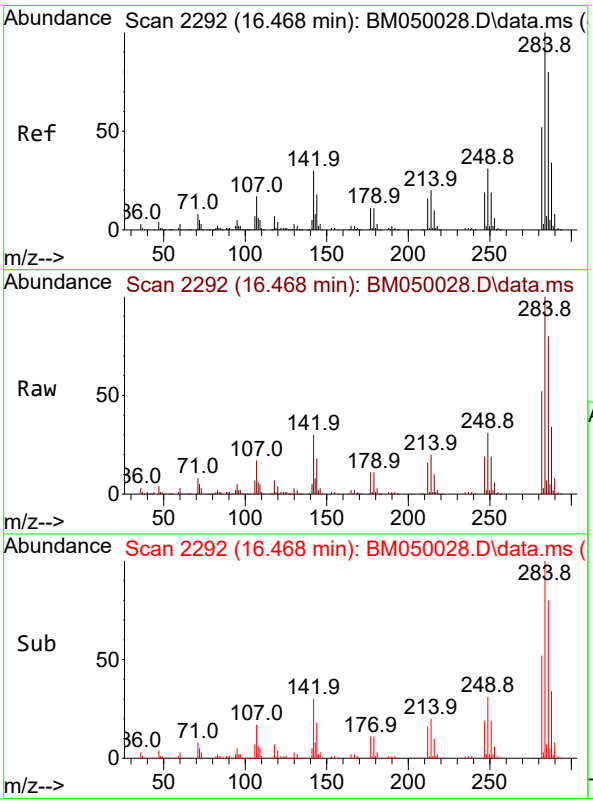
#67
4-Bromophenyl-phenylether
Concen: 42.660 ng
RT: 16.345 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 600373

Ion	Ratio	Lower	Upper
248	100		
250	95.2	76.2	114.2
141	57.4	45.9	68.9

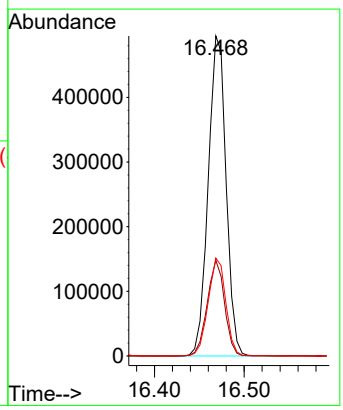


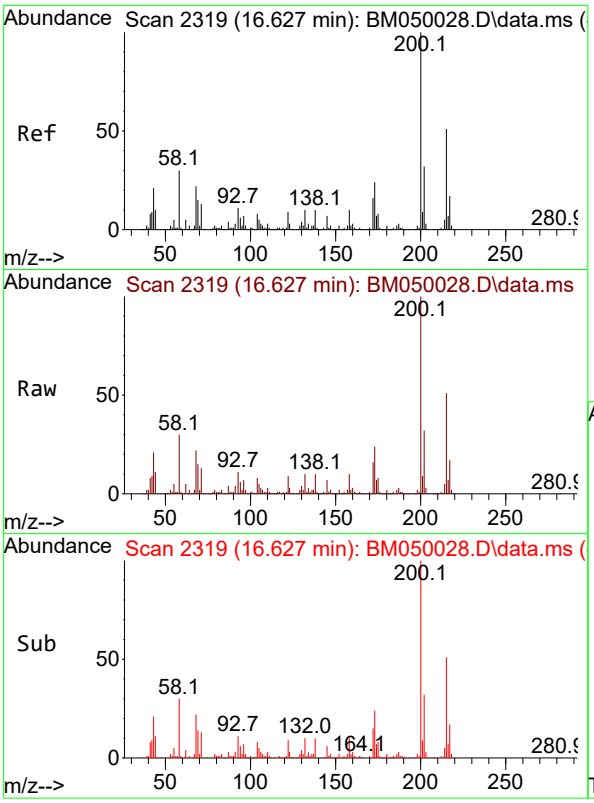


#68
Hexachlorobenzene
Concen: 42.122 ng
RT: 16.468 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:284 Resp: 683325

Ion	Ratio	Lower	Upper
284	100		
142	29.9	23.9	35.9
249	30.6	24.5	36.7



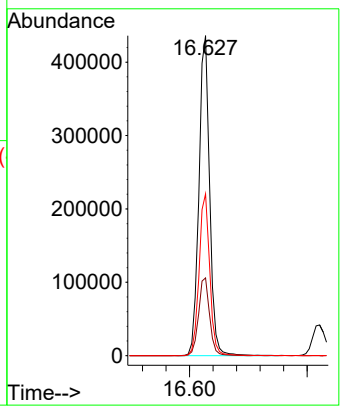


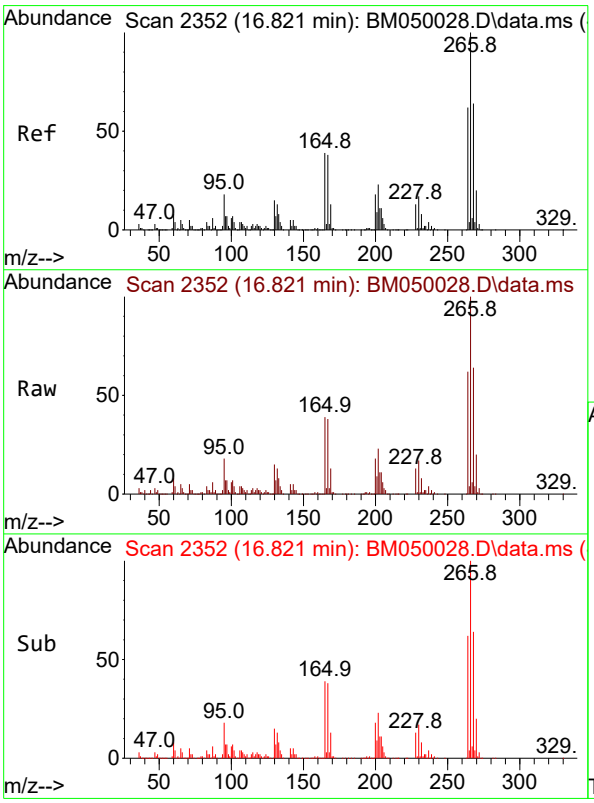
#69
Atrazine
Concen: 42.668 ng
RT: 16.627 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 550018

Ion	Ratio	Lower	Upper
200	100		
173	24.3	4.3	44.3
215	50.6	30.6	70.6

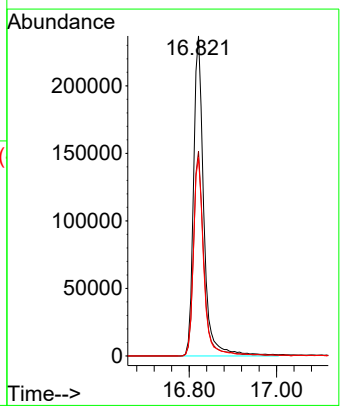


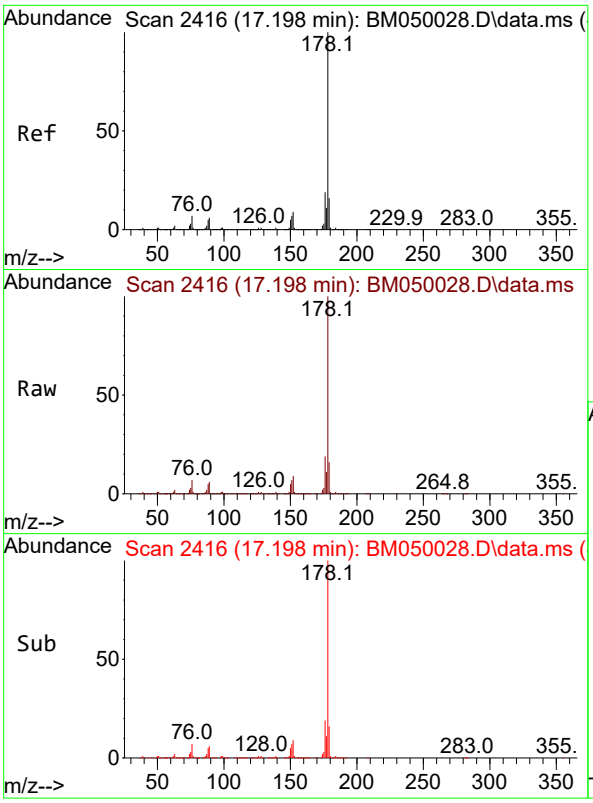


#70
Pentachlorophenol
Concen: 42.448 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:266 Resp: 387613

Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.2	76.8
264	62.0	49.6	74.4



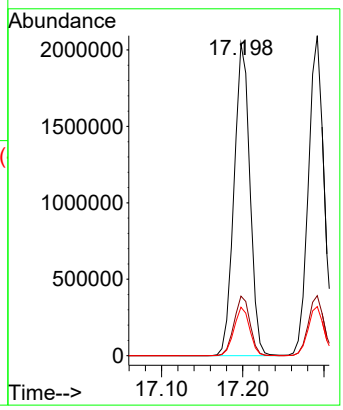


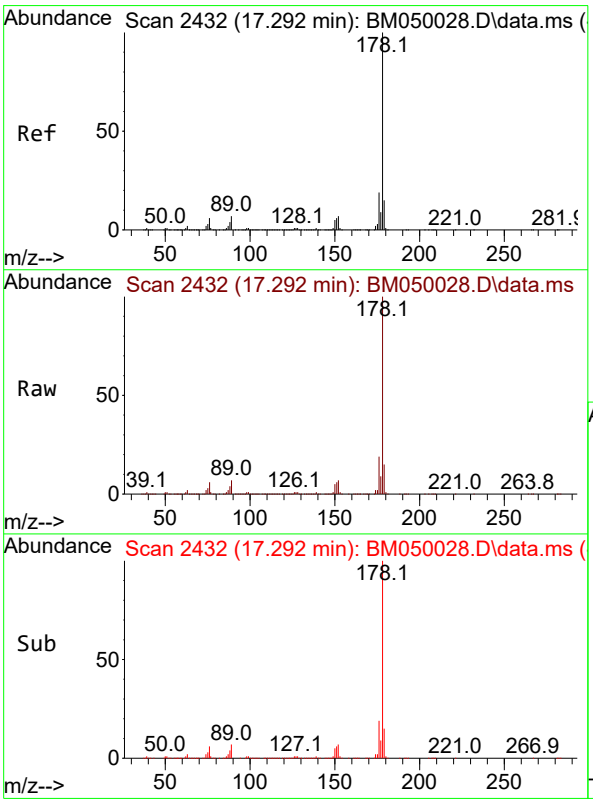
#71
Phenanthrene
Concen: 42.082 ng
RT: 17.198 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 2762249

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.5	12.4	18.6

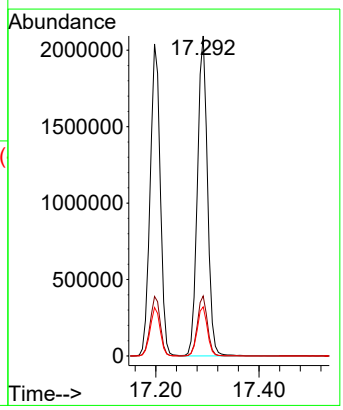


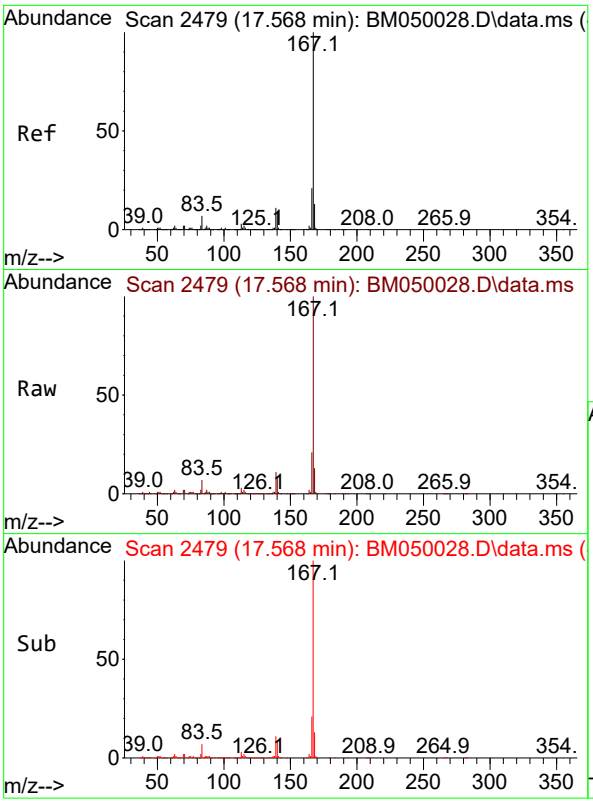


#72
Anthracene
Concen: 42.525 ng
RT: 17.292 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:178 Resp: 2824805

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.3	12.2	18.4



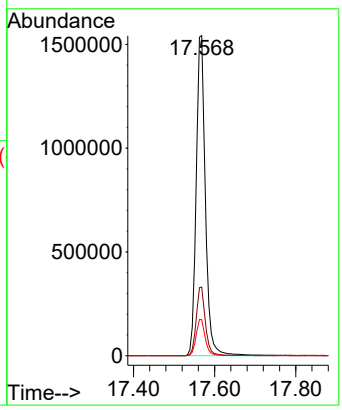


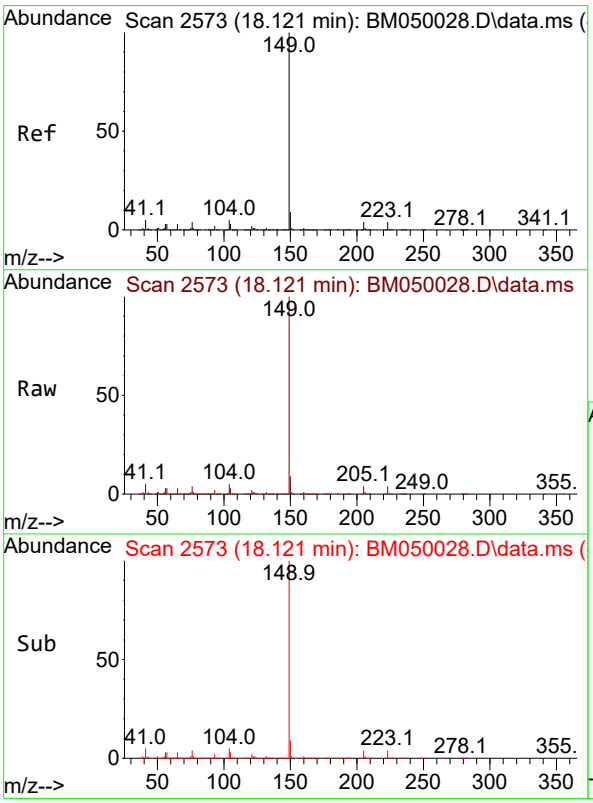
#73
Carbazole
Concen: 42.547 ng
RT: 17.568 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 2452474

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	11.3	9.0	13.6

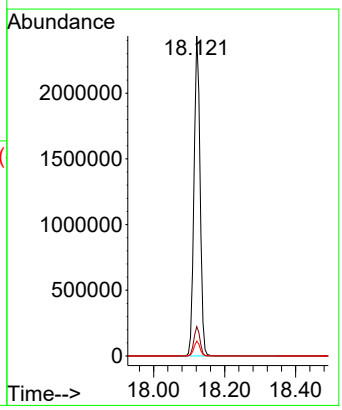


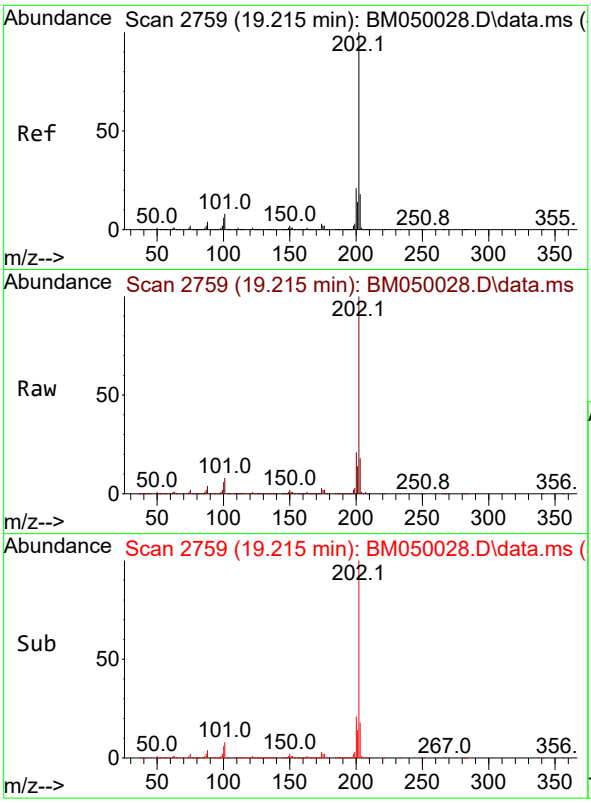


#74
Di-n-butylphthalate
Concen: 42.239 ng
RT: 18.121 min Scan# 2573
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:149 Resp: 2899479

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.7	3.8	5.6



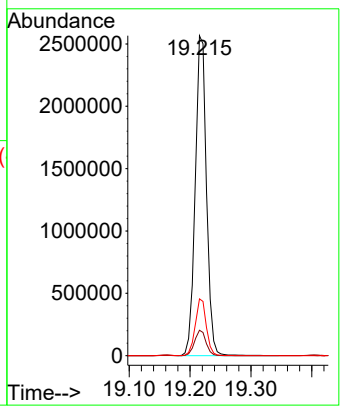


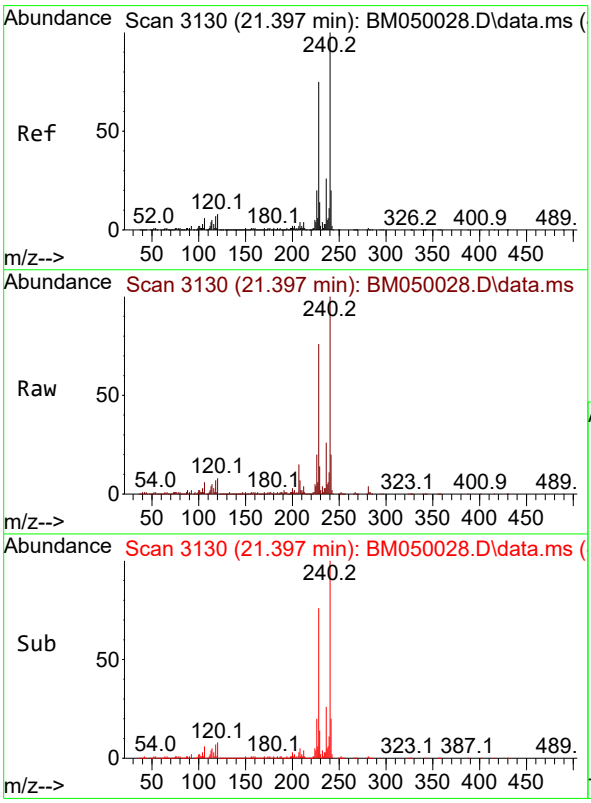
#75
Fluoranthene
Concen: 42.598 ng
RT: 19.215 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 3282789

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	28.0
203	17.7	0.0	37.7

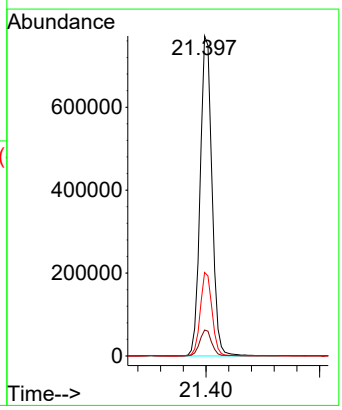


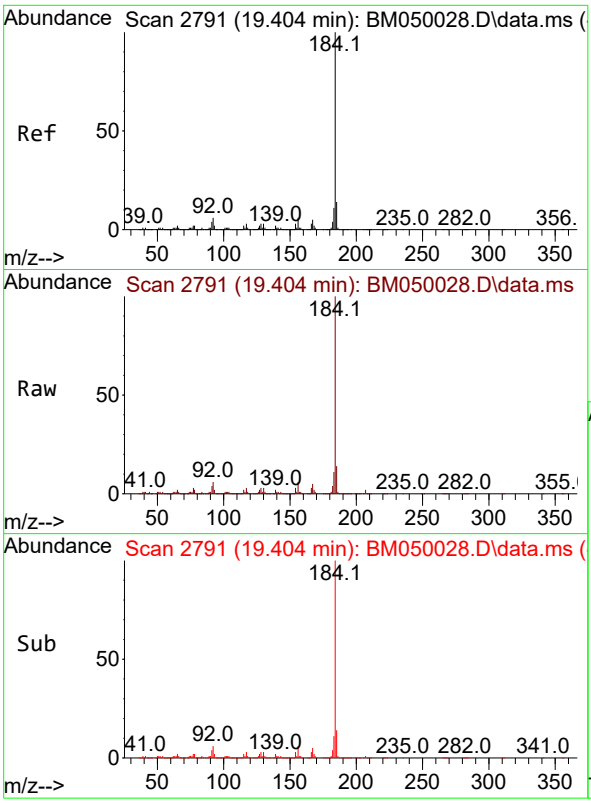


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:240 Resp: 1114654

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.5	9.7
236	26.1	20.9	31.3



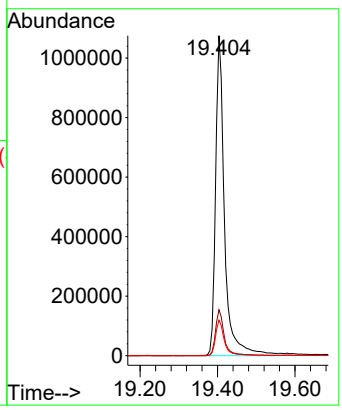


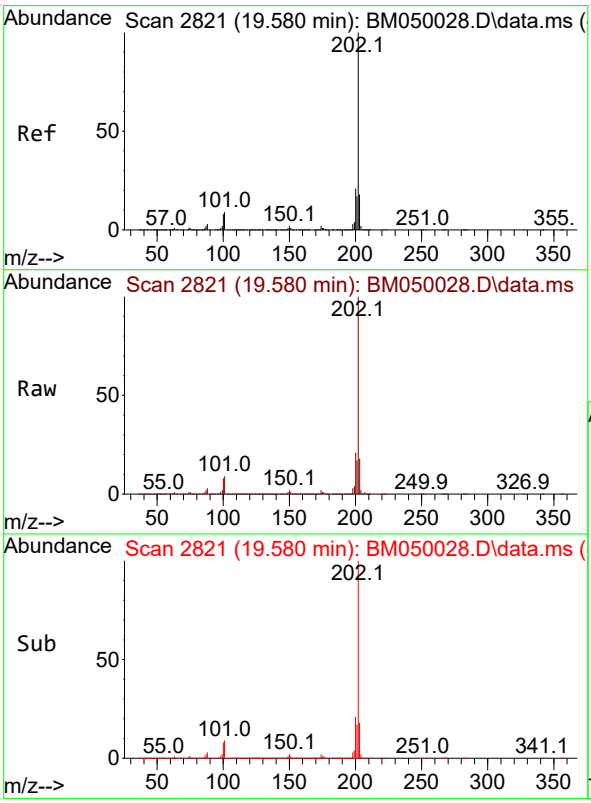
#77
Benzidine
Concen: 43.446 ng
RT: 19.404 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 1720168

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	11.1	8.9	13.3

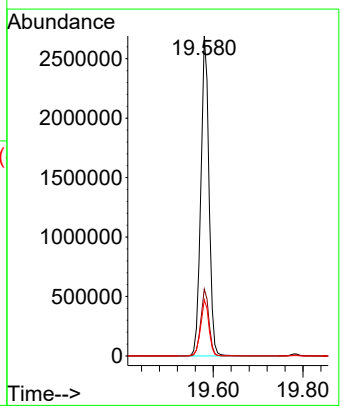


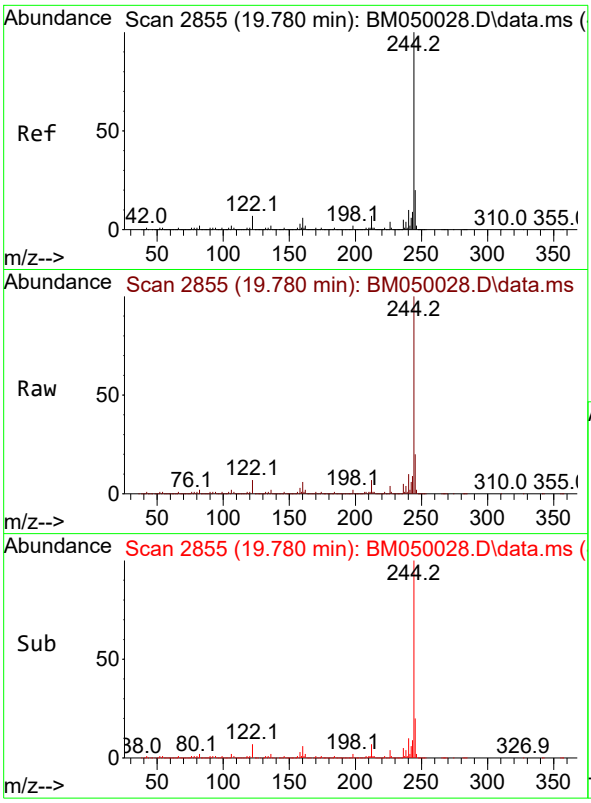


#78
Pyrene
Concen: 43.220 ng
RT: 19.580 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:202 Resp: 3383053

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.6	14.1	21.1



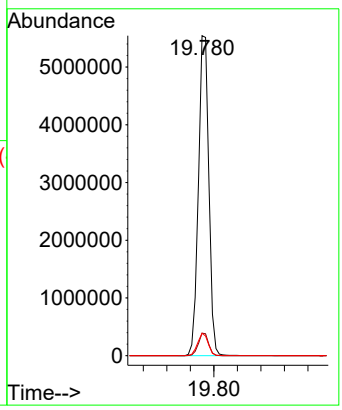


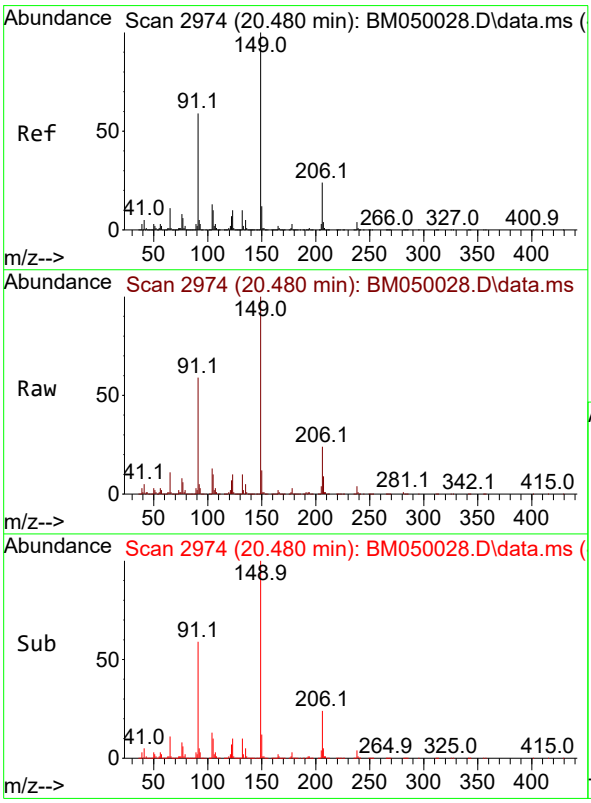
#79
Terphenyl-d14
Concen: 90.233 ng
RT: 19.780 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 6797031

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	7.0	5.6	8.4

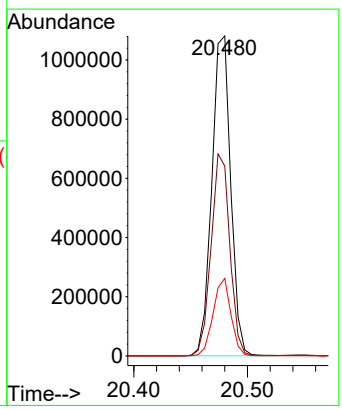


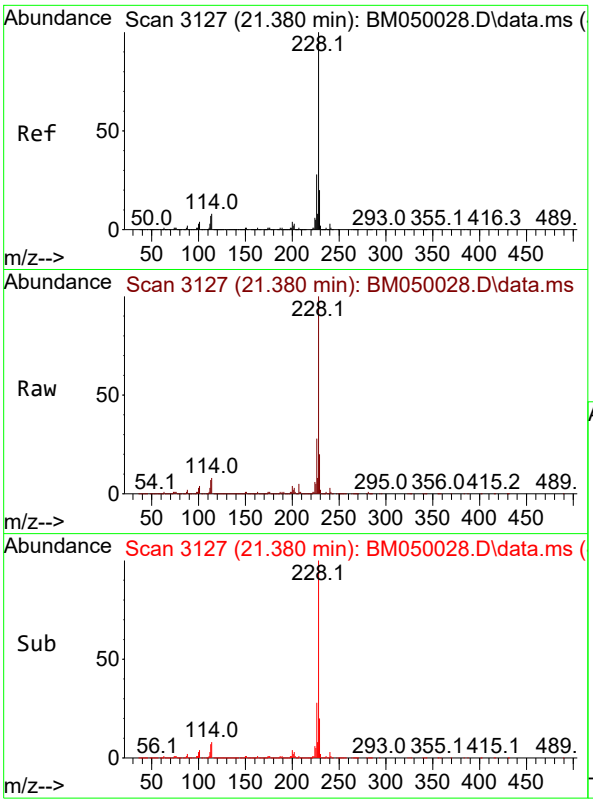


#80
Butylbenzylphthalate
Concen: 42.704 ng
RT: 20.480 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:149 Resp: 1251950

Ion	Ratio	Lower	Upper
149	100		
91	59.3	47.4	71.2
206	24.2	19.4	29.0



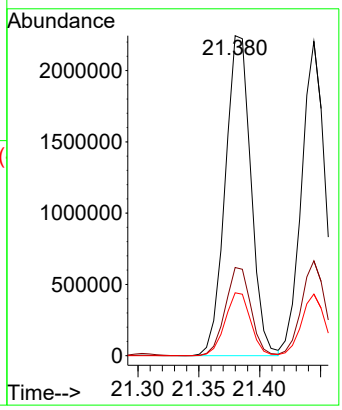


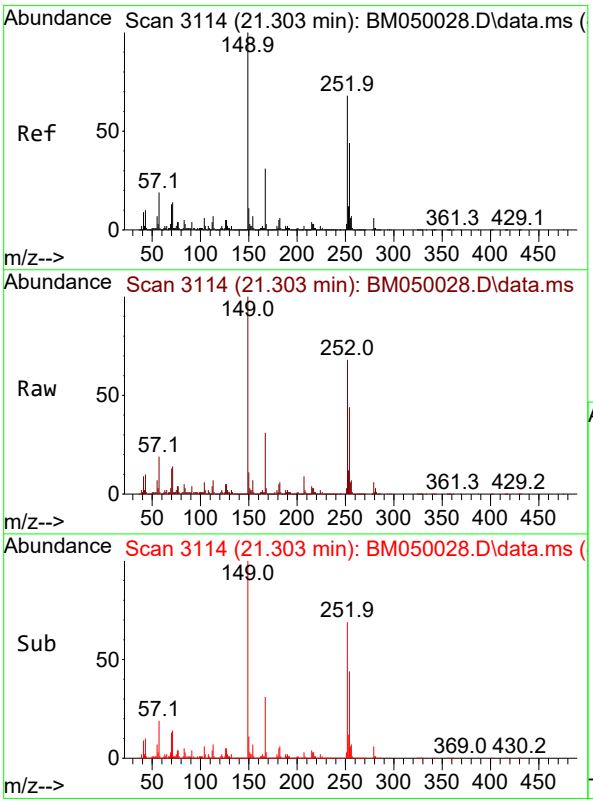
#81
Benzo(a)anthracene
Concen: 42.935 ng
RT: 21.380 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 3295625

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	19.6	15.7	23.5

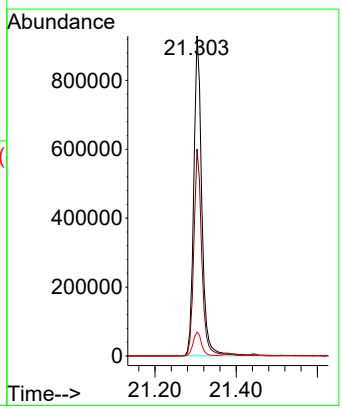


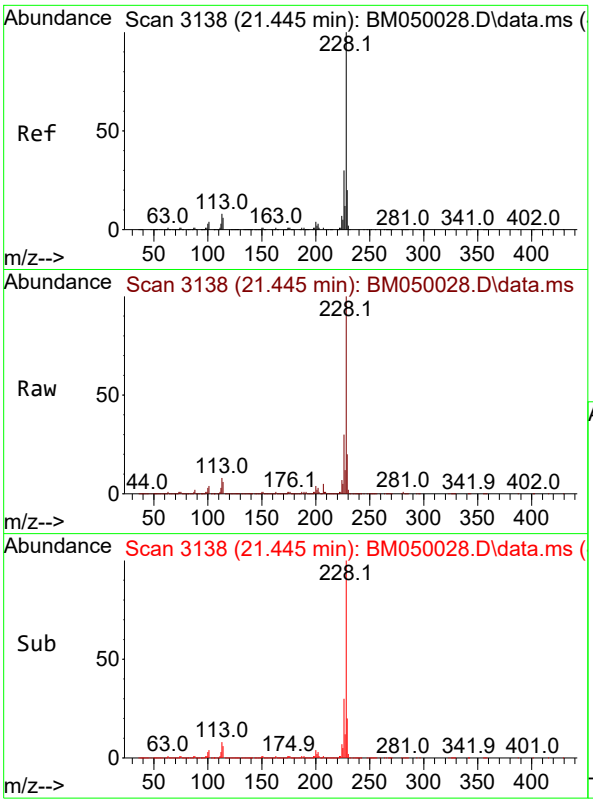


#82
3,3'-Dichlorobenzidine
Concen: 43.991 ng
RT: 21.303 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:252 Resp: 1292611

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.8	77.6
126	7.5	6.0	9.0



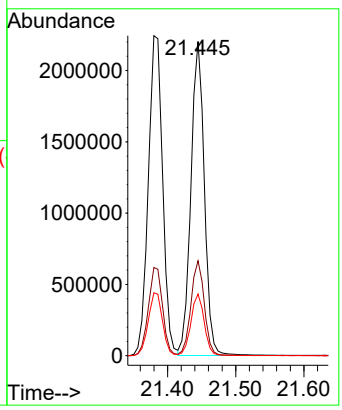


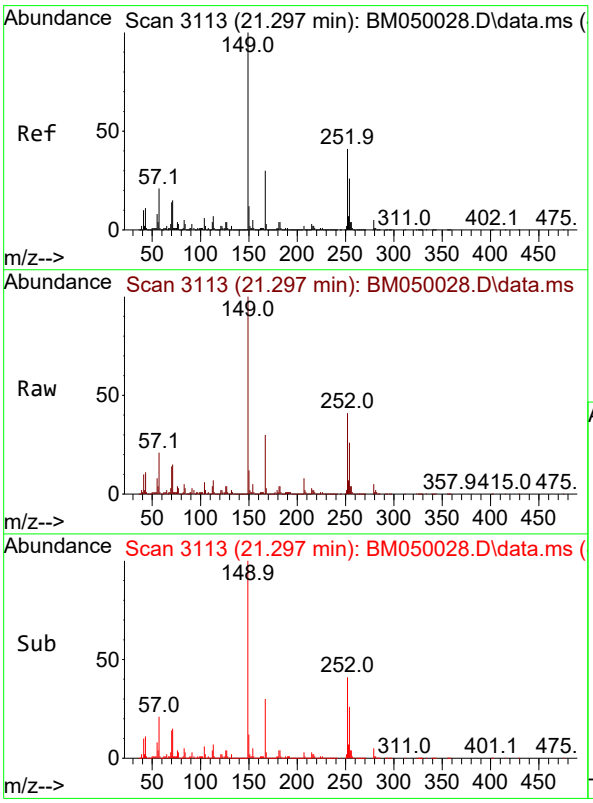
#83
Chrysene
Concen: 42.127 ng
RT: 21.445 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 2992790

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.6	15.7	23.5

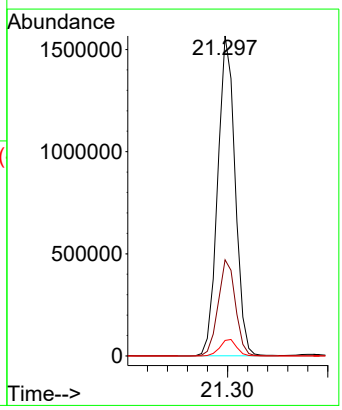


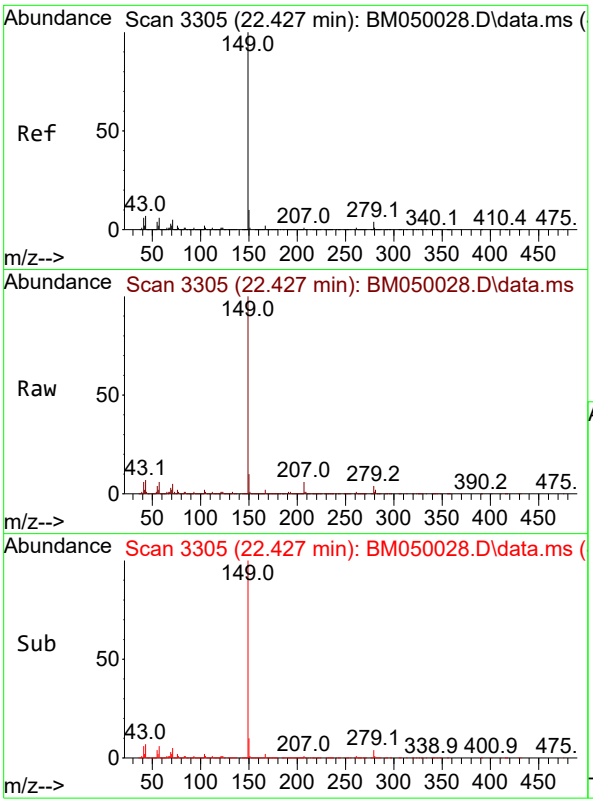


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.895 ng
RT: 21.297 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:149 Resp: 1878368

Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.1	36.1
279	4.9	3.9	5.9



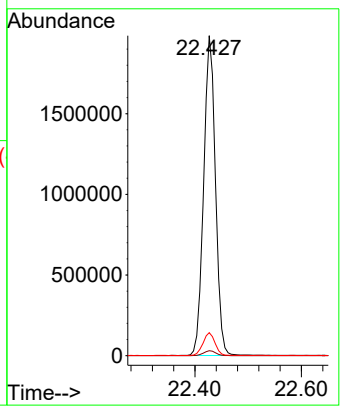


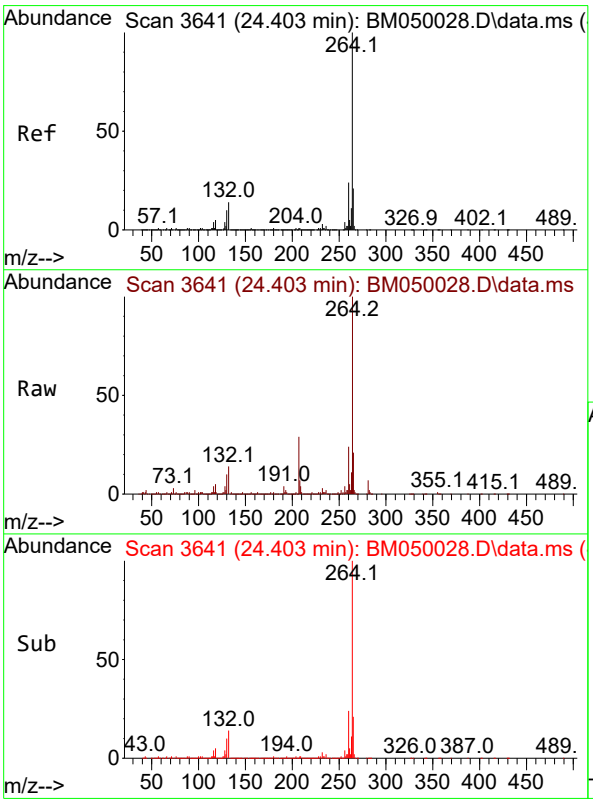
#85
Di-n-octyl phthalate
Concen: 42.160 ng
RT: 22.427 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 3044578

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.3	5.8	8.8

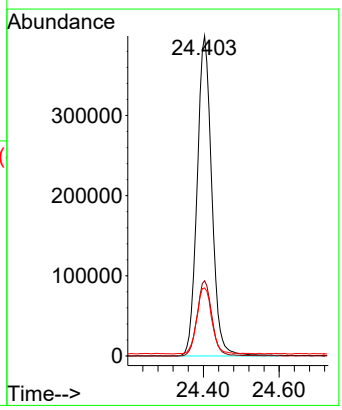


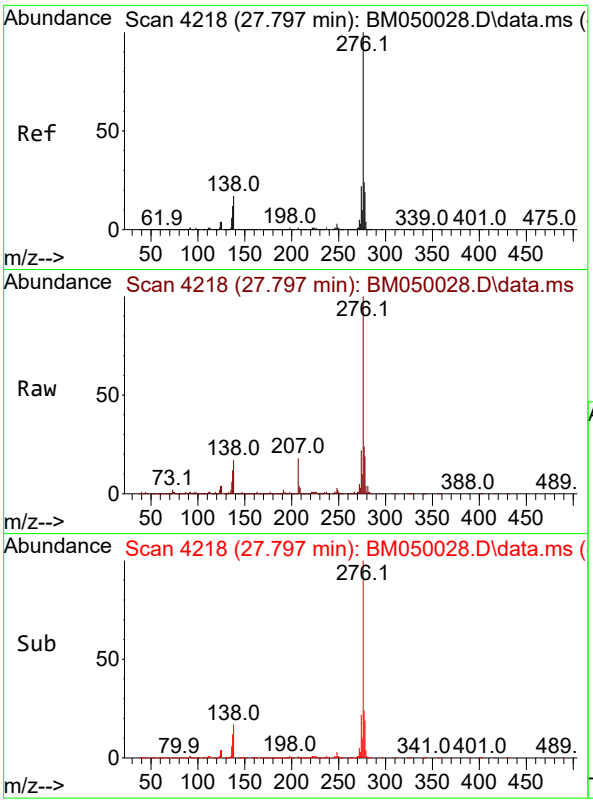


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:264 Resp: 1072526

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.2	17.0	25.4



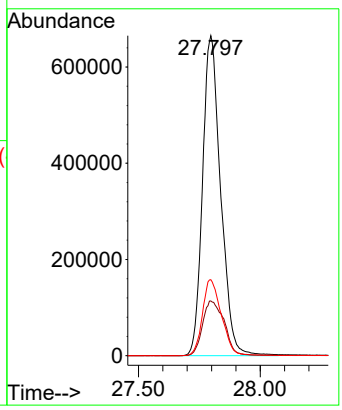


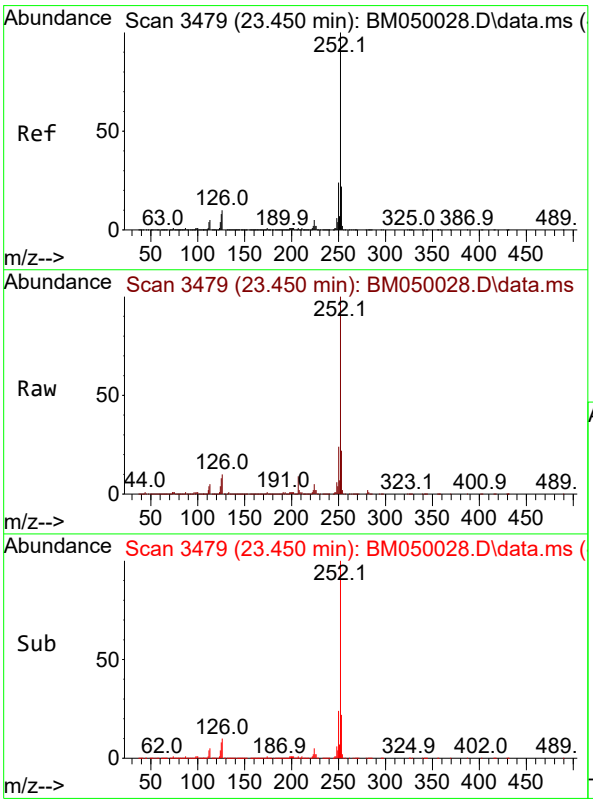
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.991 ng
RT: 27.797 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 3435665

Ion	Ratio	Lower	Upper
276	100		
138	20.5	16.4	24.6
277	24.8	19.8	29.8

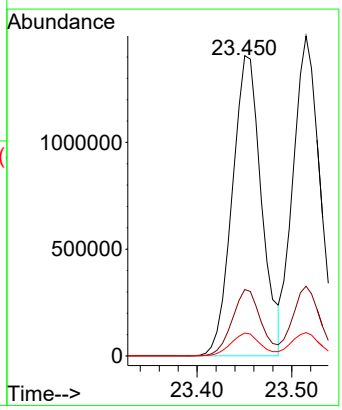


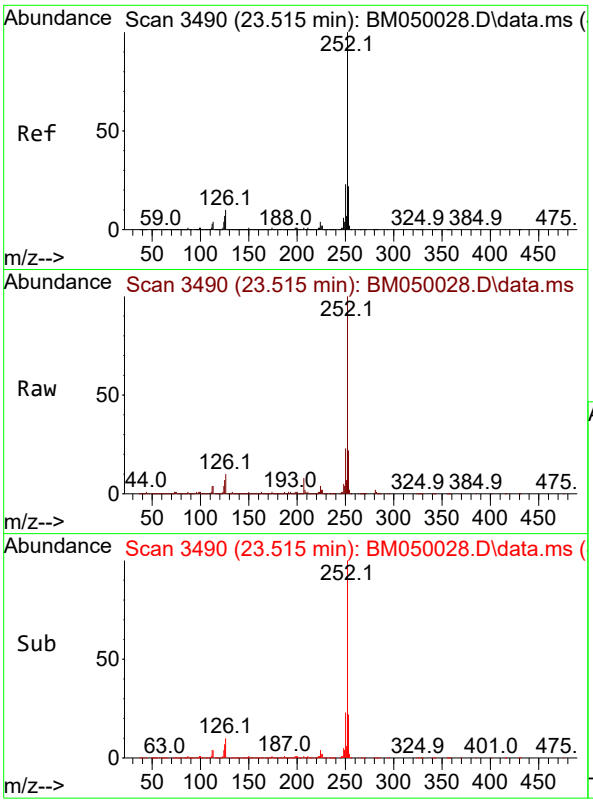


#88
Benzo(b)fluoranthene
Concen: 43.243 ng
RT: 23.450 min Scan# 3479
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:252 Resp: 3016197

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	7.6	6.1	9.1



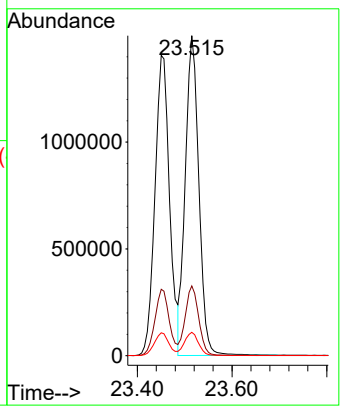


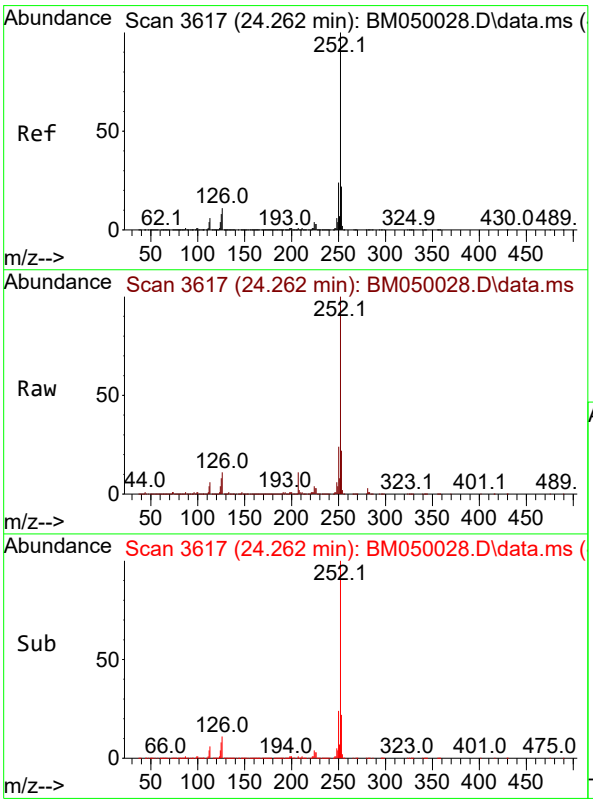
#89
Benzo(k)fluoranthene
Concen: 42.155 ng
RT: 23.515 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 2974903

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	7.3	5.8	8.8

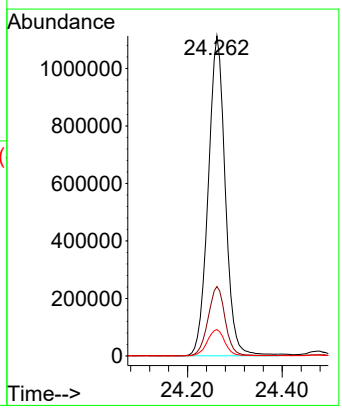


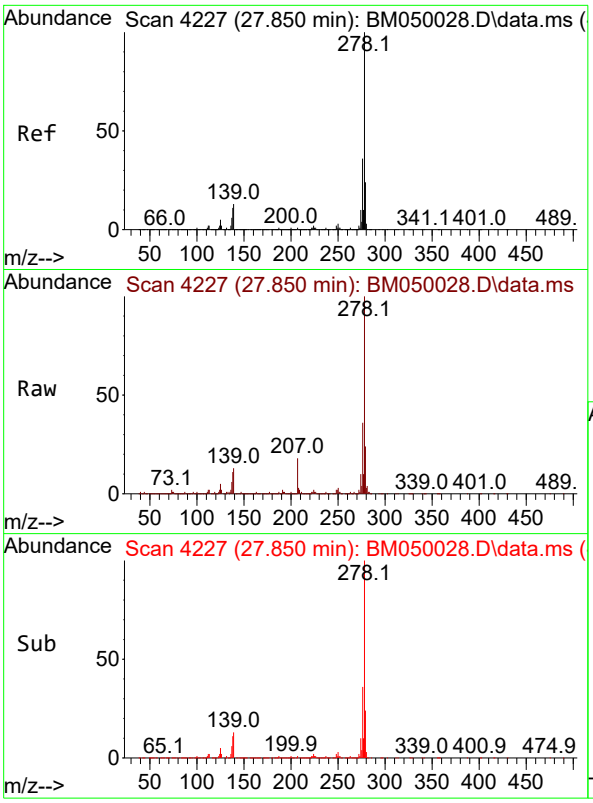


#90
Benzo(a)pyrene
Concen: 42.519 ng
RT: 24.262 min Scan# 3617
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:252 Resp: 2777683

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	8.2	6.6	9.8



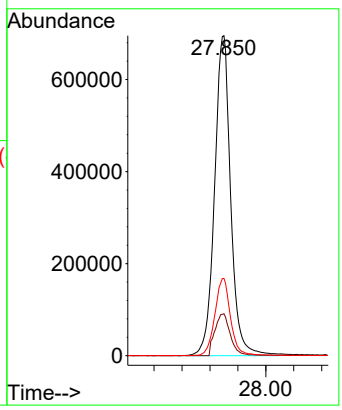


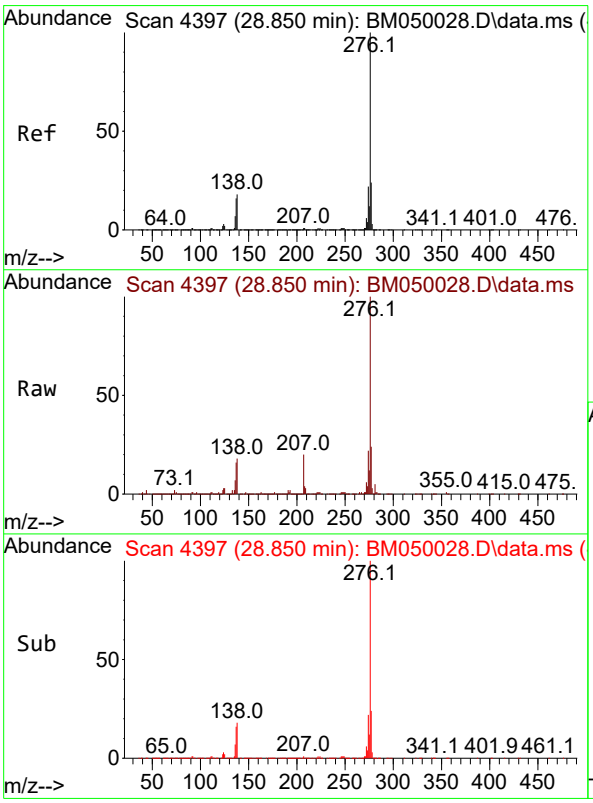
#91
Dibenzo(a,h)anthracene
Concen: 42.796 ng
RT: 27.850 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 2787948

Ion	Ratio	Lower	Upper
278	100		
139	13.1	10.5	15.7
279	24.2	19.4	29.0

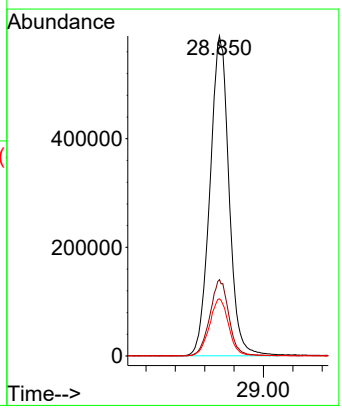




#92
Benzo(g,h,i)perylene
Concen: 42.508 ng
RT: 28.850 min Scan# 4397
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:276 Resp: 2651145

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	17.9	14.3	21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050029.D
Acq On : 28 Apr 2025 15:45
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Apr 28 17:57:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	228207	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	837552	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	554448	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1105769	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1097646	20.000	ng	0.00
86) Perylene-d12	24.397	264	1061511	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1382138	106.054	ng	0.00
7) Phenol-d6	6.951	99	1754123	107.089	ng	0.00
23) Nitrobenzene-d5	8.928	82	1811208	106.560	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	911669	111.203	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	5051261	107.775	ng	0.00
79) Terphenyl-d14	19.780	244	8457811	114.020	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.251	88	287618	51.472	ng	100
3) Pyridine	3.657	79	757569	52.766	ng	99
4) n-Nitrosodimethylamine	3.563	42	295491	52.476	ng	100
6) Aniline	7.098	93	1096746	53.024	ng	99
8) 2-Chlorophenol	7.339	128	742074	52.664	ng	100
9) Benzaldehyde	6.910	77	577740	52.770	ng	99
10) Phenol	6.981	94	877155	52.897	ng	98
11) bis(2-Chloroethyl)ether	7.192	93	725268	52.379	ng	99
12) 1,3-Dichlorobenzene	7.657	146	885183	52.004	ng	100
13) 1,4-Dichlorobenzene	7.804	146	888114	51.937	ng	100
14) 1,2-Dichlorobenzene	8.122	146	859475	52.033	ng	99
15) Benzyl Alcohol	8.016	79	612811	53.947	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	863443	51.300	ng	99
17) 2-Methylphenol	8.228	107	585120	53.563	ng	99
18) Hexachloroethane	8.845	117	312710	51.444	ng	98
19) n-Nitroso-di-n-propyla...	8.575	70	563847	53.672	ng	100
20) 3+4-Methylphenols	8.551	107	794422	53.851	ng	98
22) Acetophenone	8.592	105	1100024	52.827	ng	99
24) Nitrobenzene	8.969	77	779215	53.020	ng	99
25) Isophorone	9.498	82	1526436	52.685	ng	100
26) 2-Nitrophenol	9.680	139	415316	55.315	ng	99
27) 2,4-Dimethylphenol	9.751	122	674547	54.175	ng	100
28) bis(2-Chloroethoxy)met...	9.975	93	946285	52.843	ng	100
29) 2,4-Dichlorophenol	10.227	162	751117	53.847	ng	99
30) 1,2,4-Trichlorobenzene	10.427	180	891501	52.457	ng	98
31) Naphthalene	10.610	128	2214025	52.198	ng	100
32) Benzoic acid	9.922	122	431557	54.343	ng	98
33) 4-Chloroaniline	10.727	127	937309	53.913	ng	99
34) Hexachlorobutadiene	10.898	225	566049	52.471	ng	99
35) Caprolactam	11.522	113	218572	53.741	ng	92
36) 4-Chloro-3-methylphenol	11.869	107	688099	53.394	ng	98
37) 2-Methylnaphthalene	12.227	142	1494348	52.548	ng	99
38) 1-Methylnaphthalene	12.445	142	1572248	52.243	ng	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	1033027	53.822	ng	99
41) Hexachlorocyclopentadiene	12.580	237	649060	55.336	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	672901	55.275	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050029.D
Acq On : 28 Apr 2025 15:45
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Apr 28 17:57:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

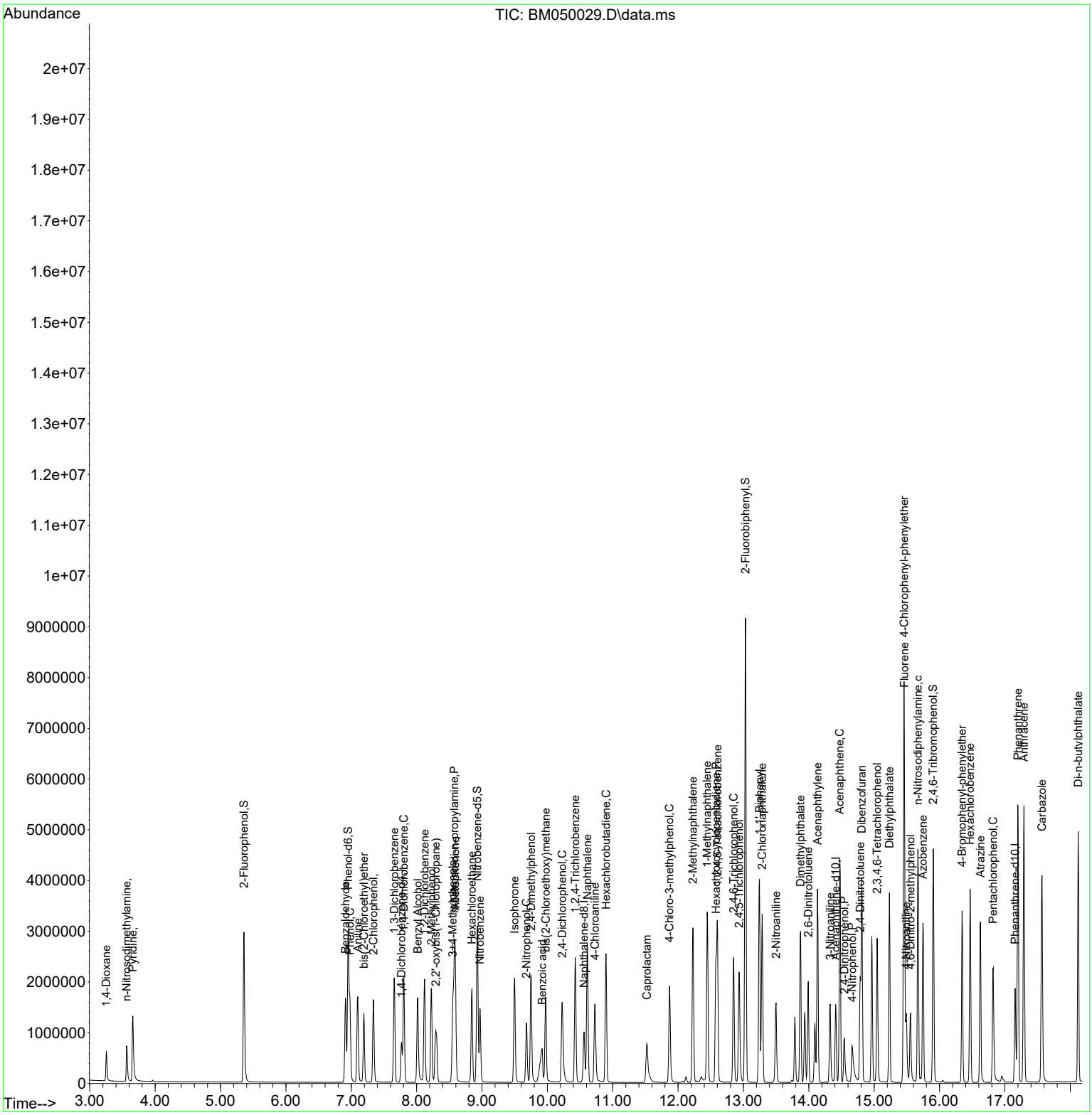
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	719930	54.841	ng	100
46) 1,1'-Biphenyl	13.245	154	2191996	53.185	ng	100
47) 2-Chloronaphthalene	13.286	162	1729678	52.989	ng	100
48) 2-Nitroaniline	13.498	65	421489	55.016	ng	99
49) Acenaphthylene	14.133	152	2731966	53.082	ng	100
50) Dimethylphthalate	13.874	163	2138242	52.770	ng	100
51) 2,6-Dinitrotoluene	13.992	165	458476	54.650	ng	99
52) Acenaphthene	14.474	154	1587472	53.287	ng	99
53) 3-Nitroaniline	14.327	138	450021	56.186	ng	96
54) 2,4-Dinitrophenol	14.545	184	269515	52.338	ng	99
55) Dibenzofuran	14.810	168	2617489	52.809	ng	100
56) 4-Nitrophenol	14.663	139	328078	52.029	ng	100
57) 2,4-Dinitrotoluene	14.786	165	648262	55.921	ng	99
58) Fluorene	15.462	166	2180247	53.740	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	617151	54.311	ng	99
60) Diethylphthalate	15.233	149	2011763	52.691	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1207514	54.188	ng	99
62) 4-Nitroaniline	15.492	138	445520	57.612	ng	99
63) Azobenzene	15.745	77	1703932	53.251	ng	100
65) 4,6-Dinitro-2-methylph...	15.557	198	393191	56.806	ng	98
66) n-Nitrosodiphenylamine	15.668	169	1815723	53.474	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	713498	53.359	ng	98
68) Hexachlorobenzene	16.468	284	815392	52.900	ng	98
69) Atrazine	16.627	200	669330	54.648	ng	99
70) Pentachlorophenol	16.821	266	475717	54.830	ng	99
71) Phenanthrene	17.198	178	3349195	53.702	ng	100
72) Anthracene	17.292	178	3417239	54.143	ng	100
73) Carbazole	17.568	167	2971695	54.260	ng	99
74) Di-n-butylphthalate	18.121	149	3530893	54.137	ng	100
75) Fluoranthene	19.215	202	4021516	54.922	ng	100
77) Benzidine	19.403	184	2110748	54.137	ng	100
78) Pyrene	19.580	202	4169831	54.097	ng	100
80) Butylbenzylphthalate	20.474	149	1557463	53.948	ng	96
81) Benzo(a)anthracene	21.380	228	4058011	53.687	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1639448	56.659	ng	99
83) Chrysene	21.444	228	3755543	53.683	ng	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	2336926	54.194	ng	98
85) Di-n-octyl phthalate	22.427	149	3852190	54.170	ng	100
87) Indeno(1,2,3-cd)pyrene	27.797	276	4369253	55.240	ng	99
88) Benzo(b)fluoranthene	23.450	252	3755728	54.405	ng	99
89) Benzo(k)fluoranthene	23.515	252	3844095	55.037	ng	99
90) Benzo(a)pyrene	24.262	252	3529489	54.588	ng	99
91) Dibenzo(a,h)anthracene	27.838	278	3575099	55.448	ng	99
92) Benzo(g,h,i)perylene	28.850	276	3363778	54.494	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050029.D
Acq On : 28 Apr 2025 15:45
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

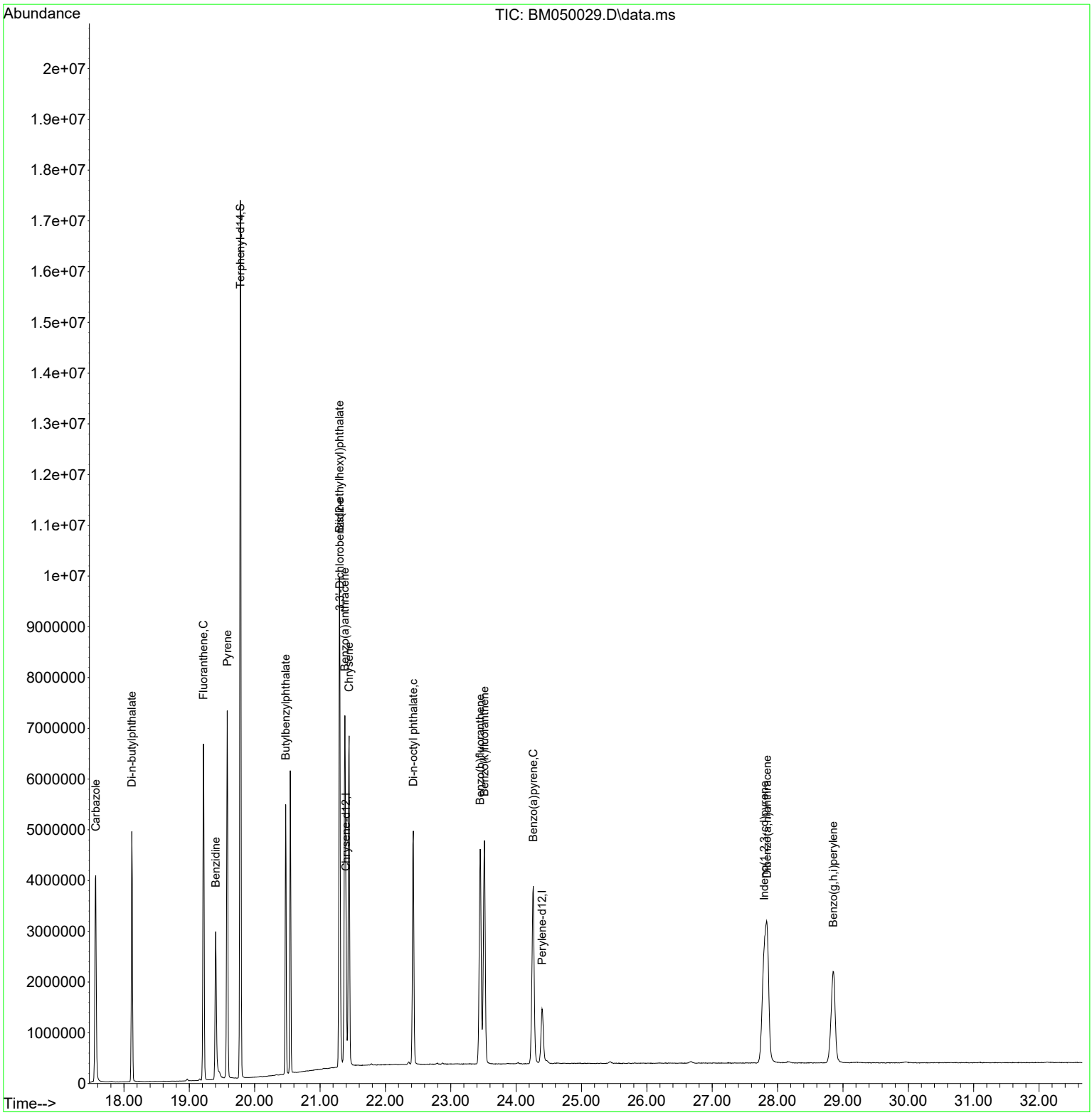
Quant Time: Apr 28 17:57:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

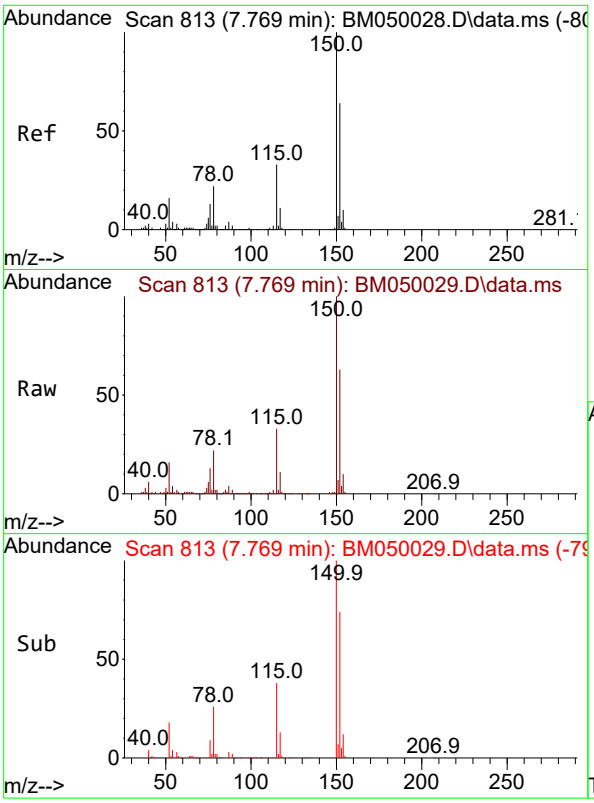


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050029.D
Acq On : 28 Apr 2025 15:45
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Apr 28 17:57:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration



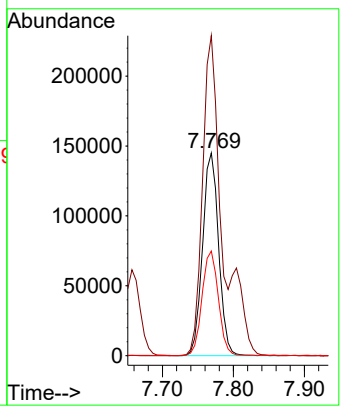


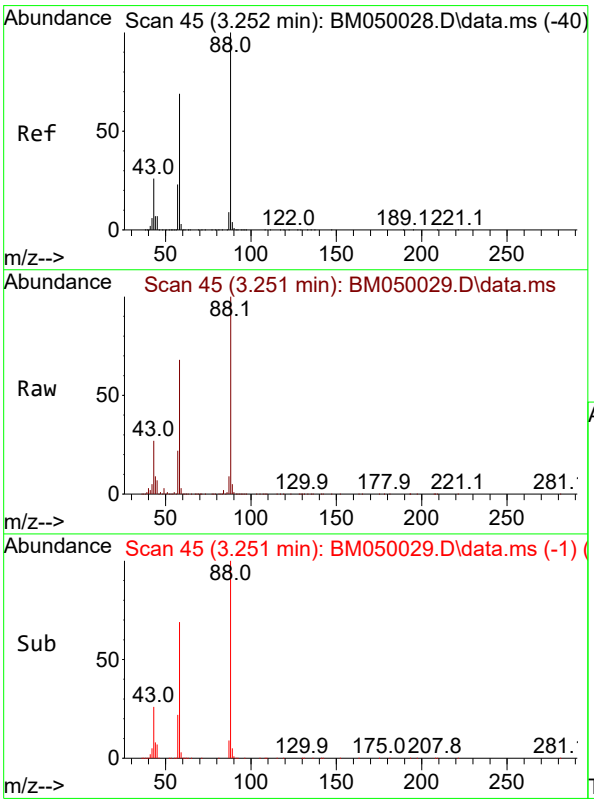
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 228207

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.1	186.1
115	51.6	41.2	61.8

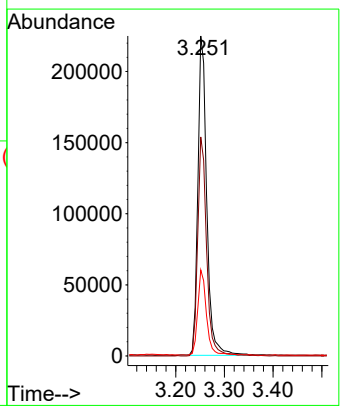


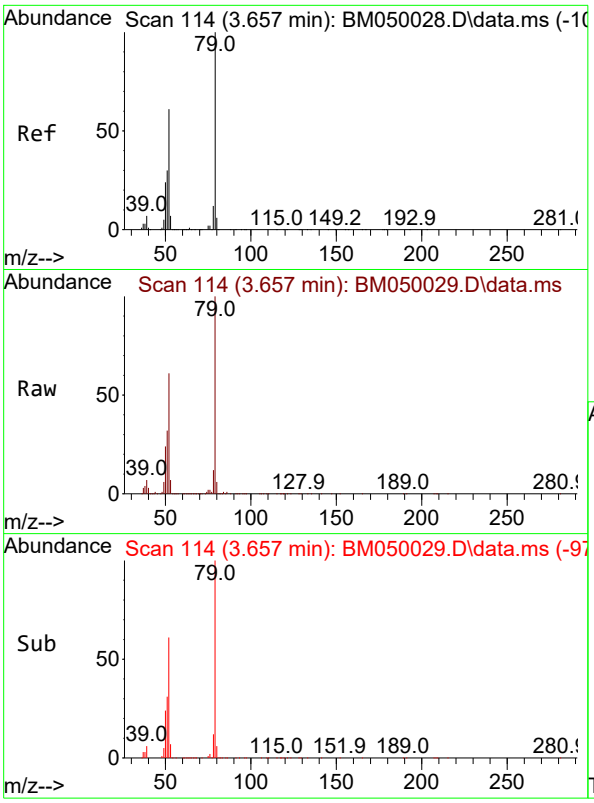


#2
1,4-Dioxane
Concen: 51.472 ng
RT: 3.251 min Scan# 45
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 88 Resp: 287618

Ion	Ratio	Lower	Upper
88	100		
58	68.7	55.1	82.7
43	26.0	20.9	31.3



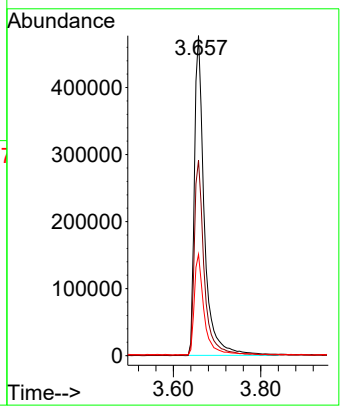


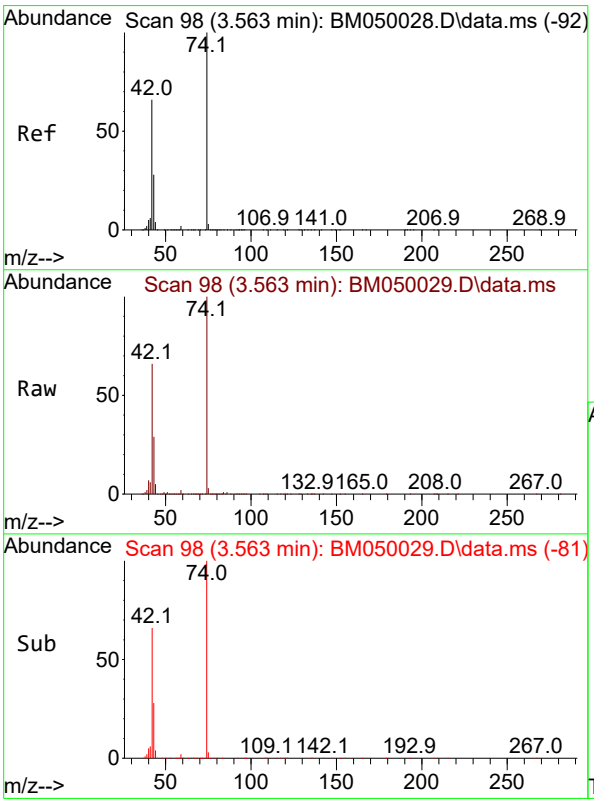
#3
Pyridine
Concen: 52.766 ng
RT: 3.657 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 757569

Ion	Ratio	Lower	Upper
79	100		
52	61.0	48.6	72.8
51	31.7	24.6	37.0

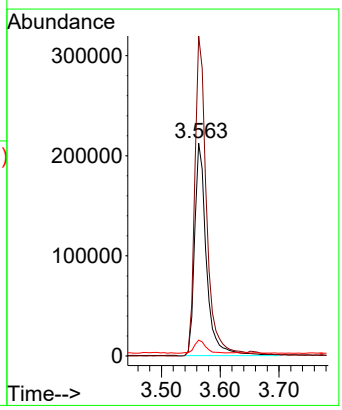


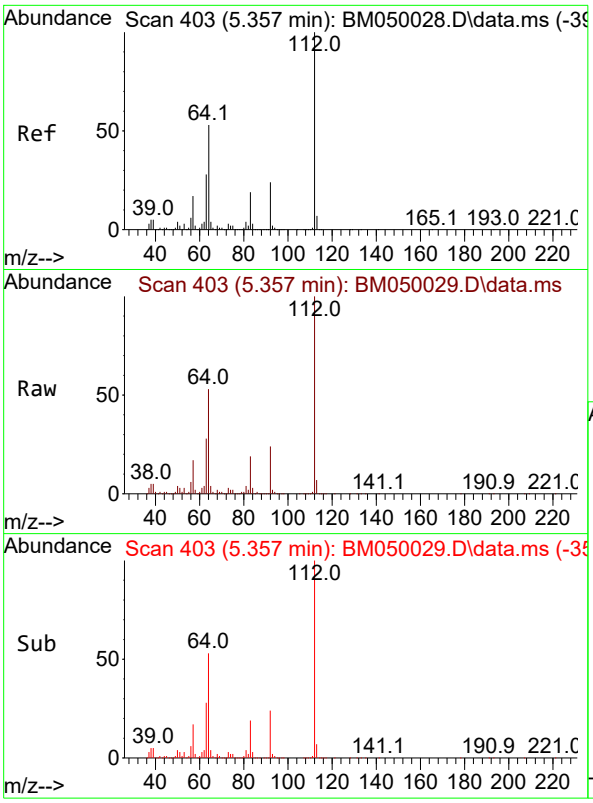


#4
n-Nitrosodimethylamine
Concen: 52.476 ng
RT: 3.563 min Scan# 98
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 42 Resp: 295491

Ion	Ratio	Lower	Upper
42	100		
74	150.4	120.2	180.2
44	7.4	6.2	9.2



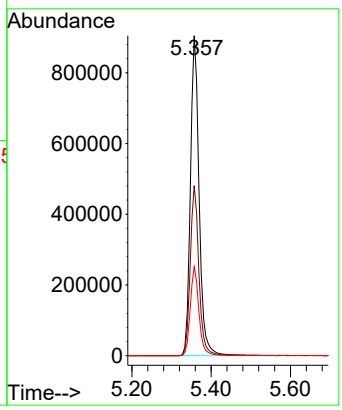


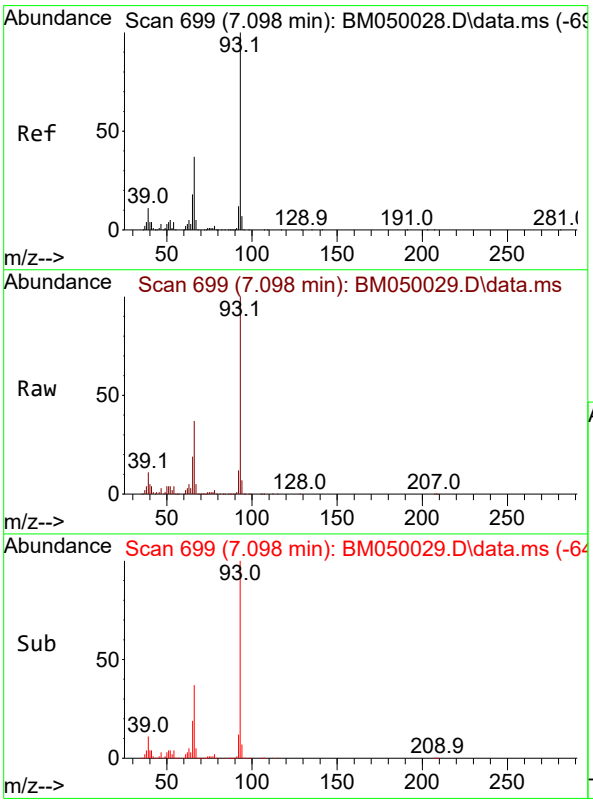
#5
2-Fluorophenol
Concen: 106.054 ng
RT: 5.357 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 1382138

Ion	Ratio	Lower	Upper
112	100		
64	53.2	42.6	64.0
63	27.8	22.2	33.4

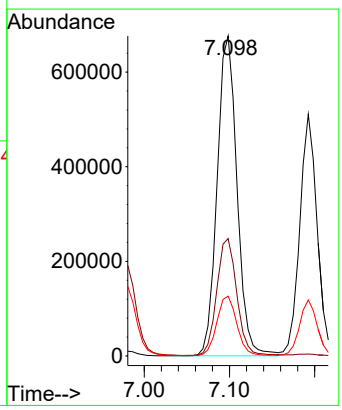


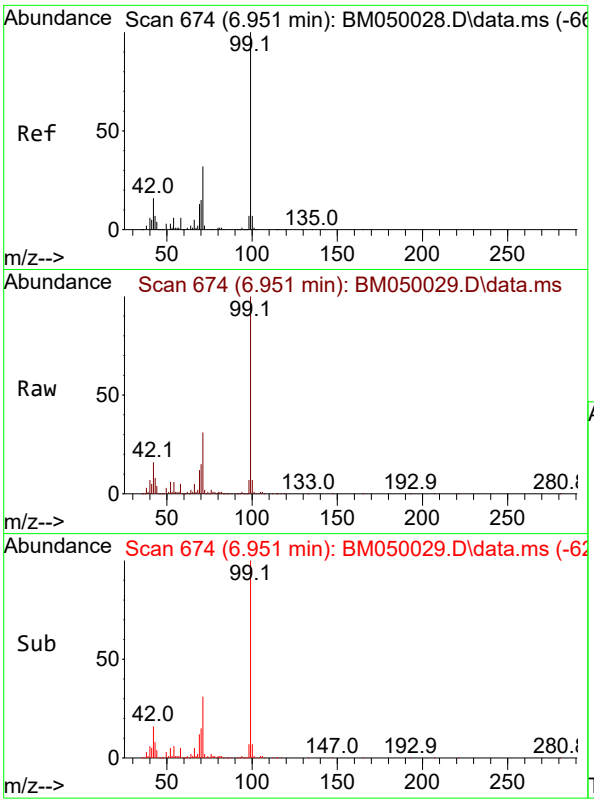


#6
Aniline
Concen: 53.024 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 93 Resp: 1096746

Ion	Ratio	Lower	Upper
93	100		
66	36.7	29.9	44.9
65	18.7	14.5	21.7



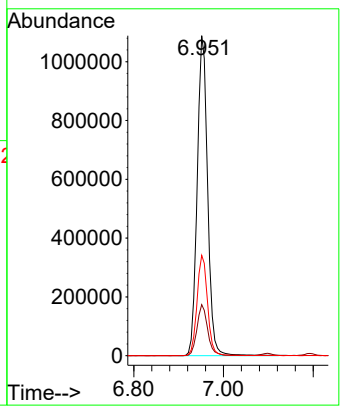


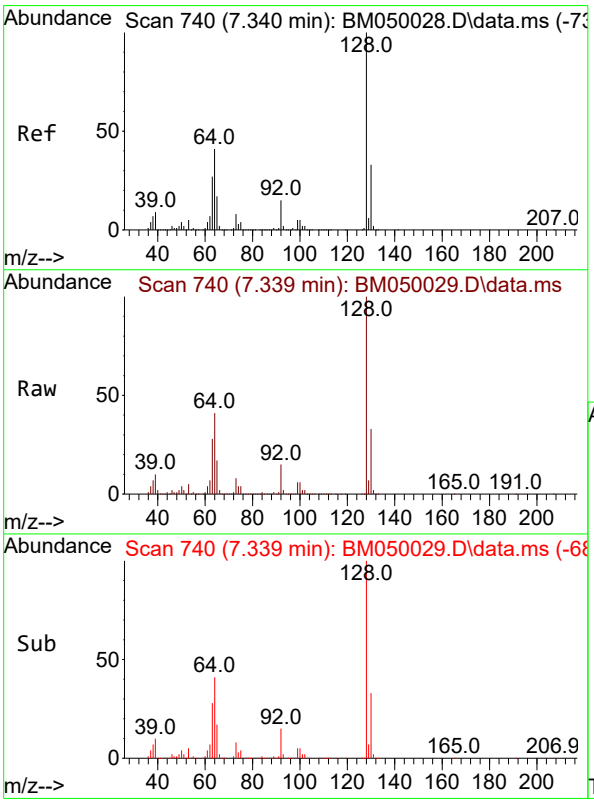
#7
Phenol-d6
Concen: 107.089 ng
RT: 6.951 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 1754123

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.0	19.4
71	31.3	25.6	38.4

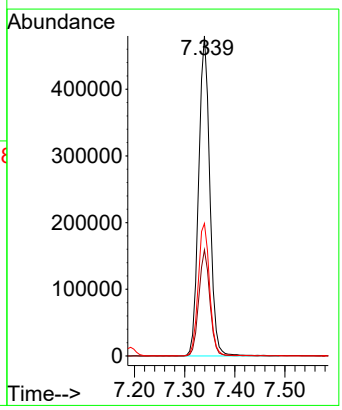


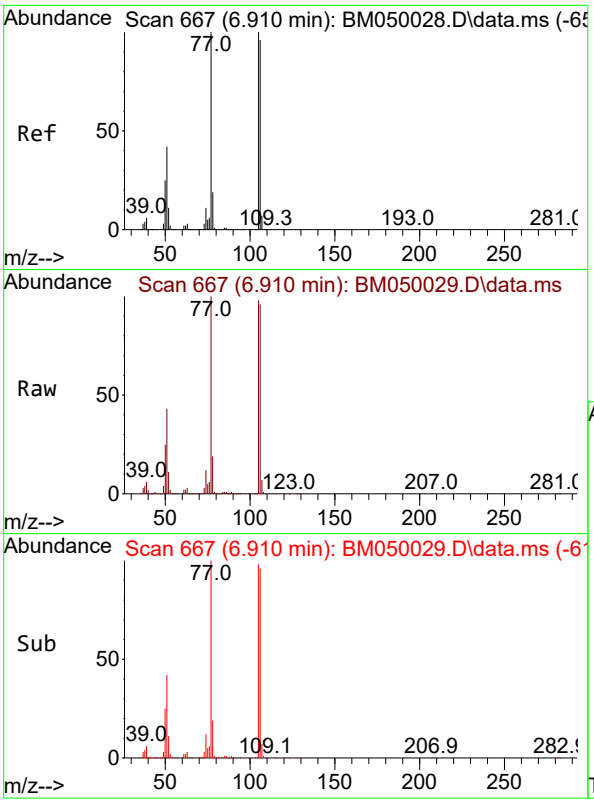


#8
2-Chlorophenol
Concen: 52.664 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:128 Resp: 742074

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.8	52.8
64	41.4	21.2	61.2



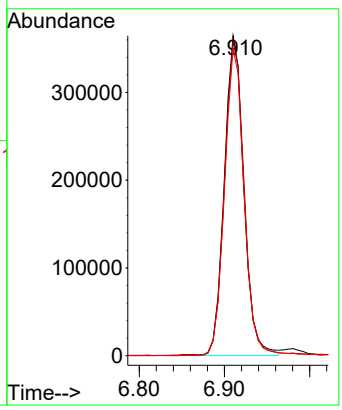


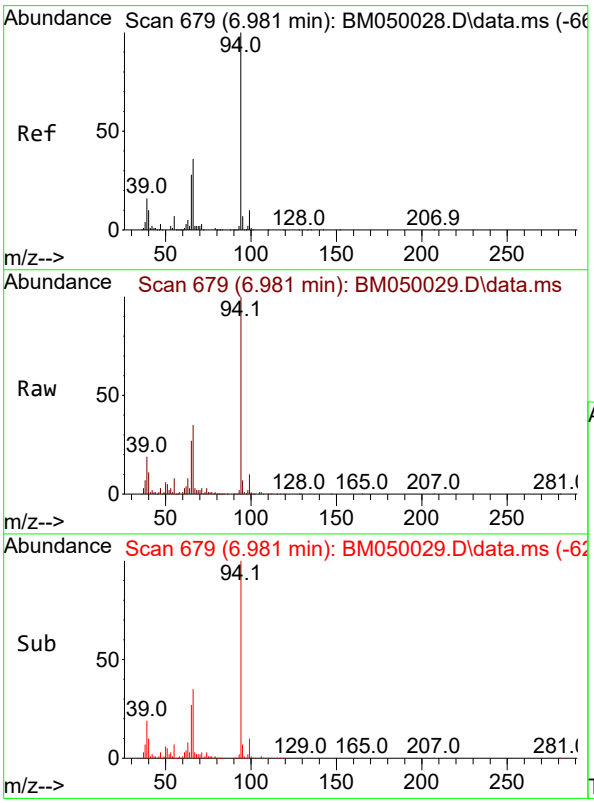
#9
Benzaldehyde
Concen: 52.770 ng
RT: 6.910 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 577740

Ion	Ratio	Lower	Upper
77	100		
105	98.2	80.5	120.5
106	95.9	76.1	116.1

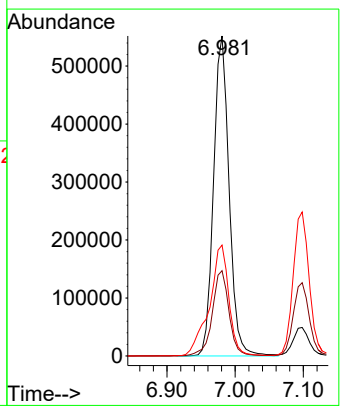


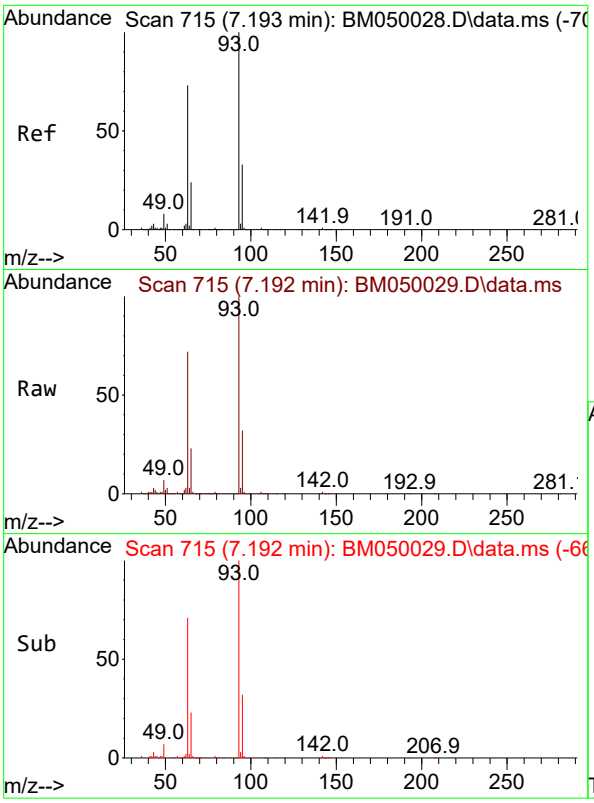


#10
Phenol
Concen: 52.897 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 94 Resp: 877155

Ion	Ratio	Lower	Upper
94	100		
65	26.6	7.6	47.6
66	34.7	15.8	55.8



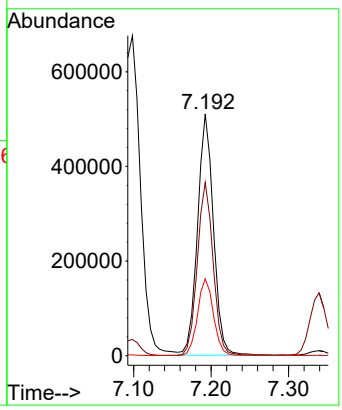


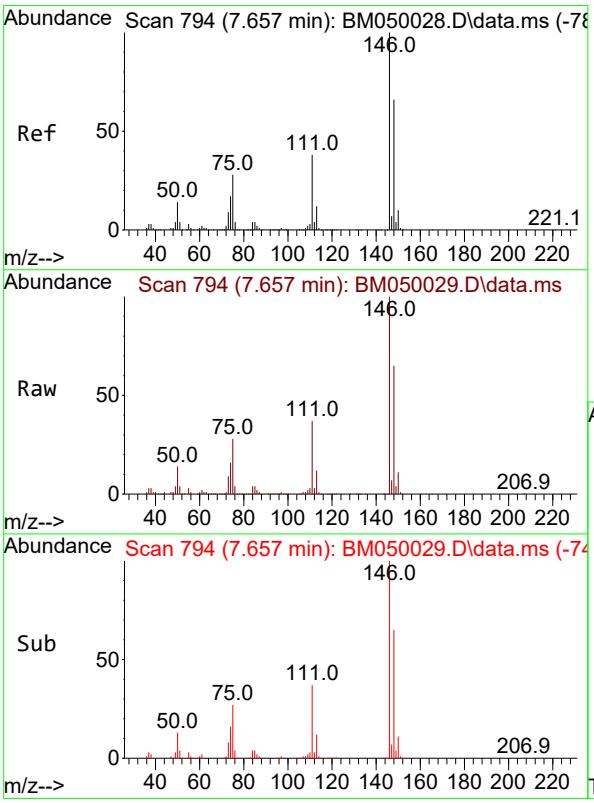
#11
bis(2-Chloroethyl)ether
Concen: 52.379 ng
RT: 7.192 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 725268

Ion	Ratio	Lower	Upper
93	100		
63	71.7	52.3	92.3
95	31.8	12.8	52.8

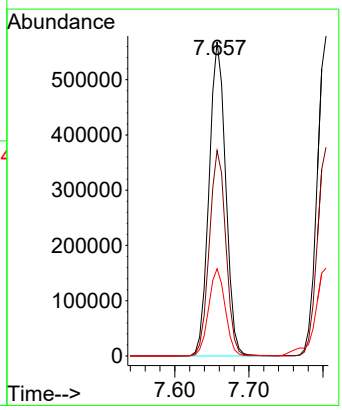


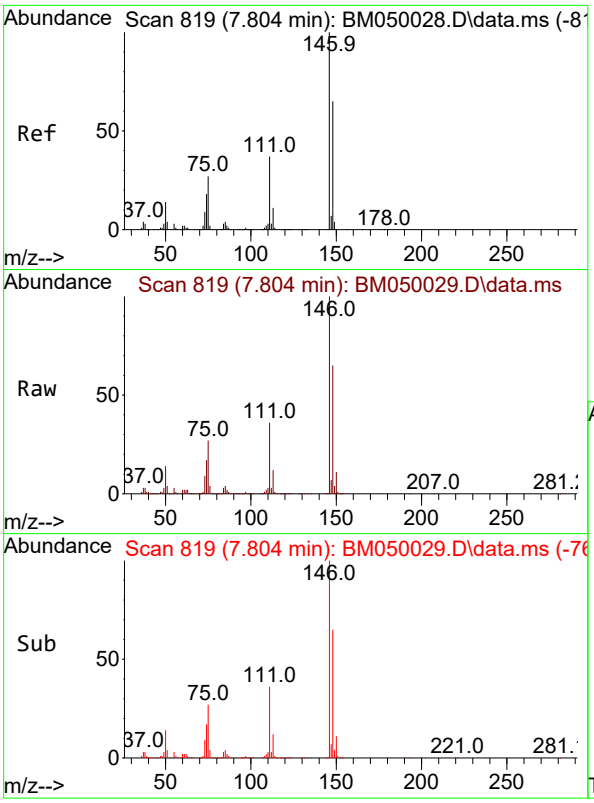


#12
1,3-Dichlorobenzene
Concen: 52.004 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:146 Resp: 885183

Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.5	78.7
75	27.8	22.6	34.0



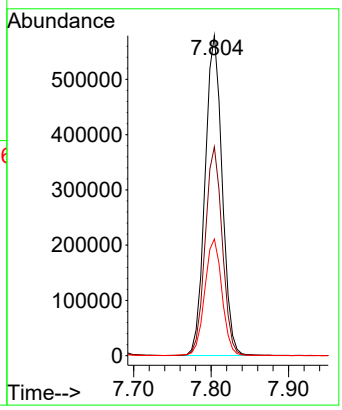


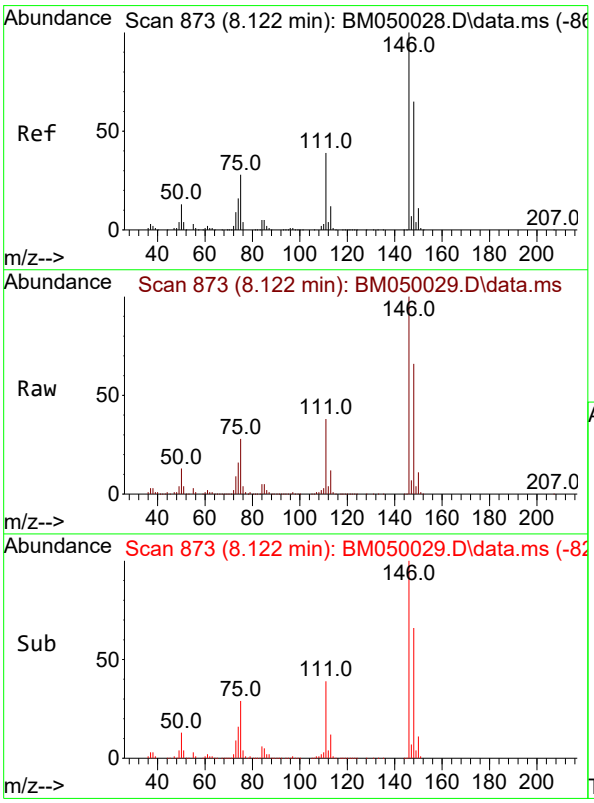
#13
1,4-Dichlorobenzene
Concen: 51.937 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 888114

Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
111	36.5	29.3	43.9

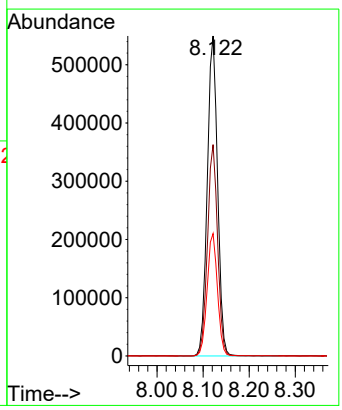


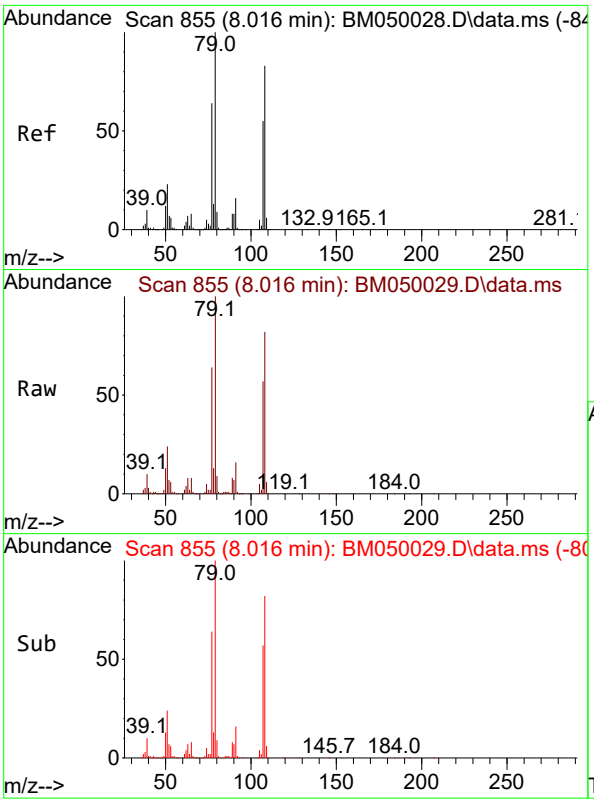


#14
1,2-Dichlorobenzene
Concen: 52.033 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:146 Resp: 859475

Ion	Ratio	Lower	Upper
146	100		
148	66.1	52.4	78.6
111	38.2	31.0	46.6



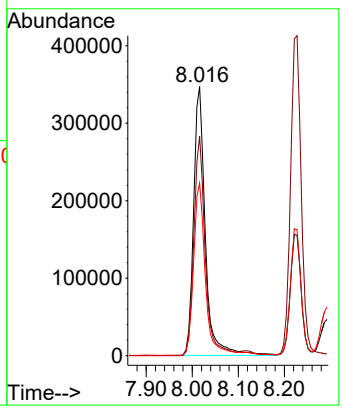


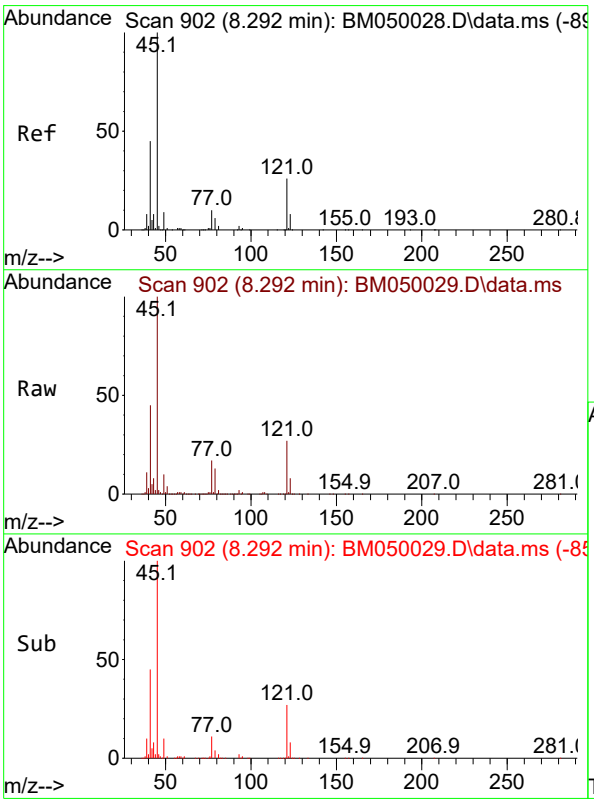
#15
Benzyl Alcohol
Concen: 53.947 ng
RT: 8.016 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 612811

Ion	Ratio	Lower	Upper
79	100		
108	81.6	66.0	99.0
77	64.1	51.6	77.4

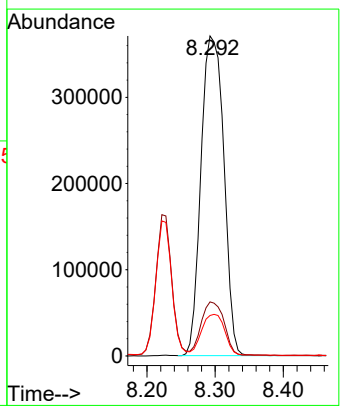


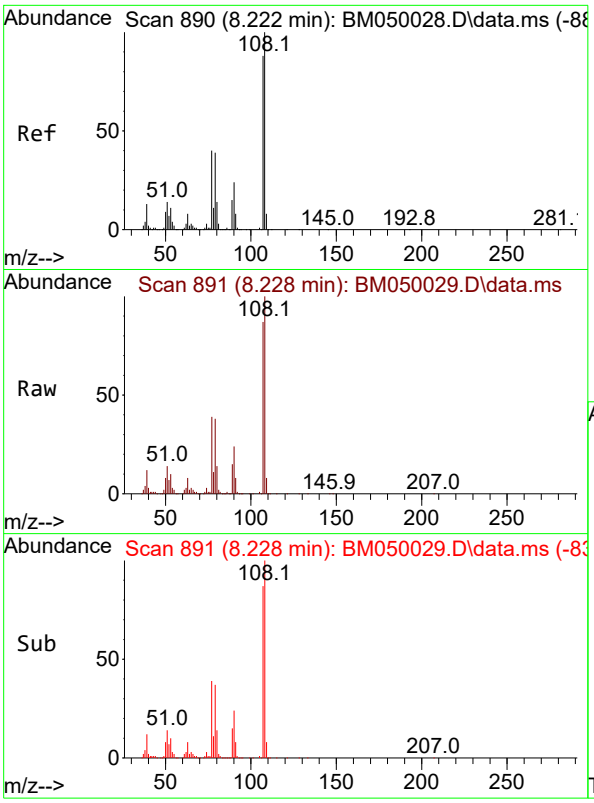


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.300 ng
RT: 8.292 min Scan# 902
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 45 Resp: 863443

Ion	Ratio	Lower	Upper
45	100		
77	16.9	0.0	36.4
79	12.7	0.0	32.7



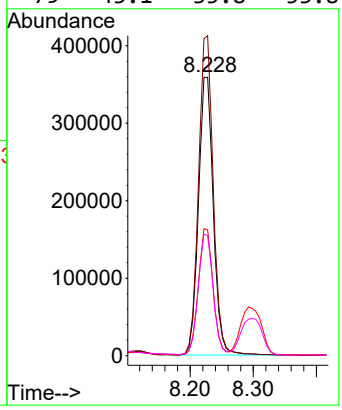


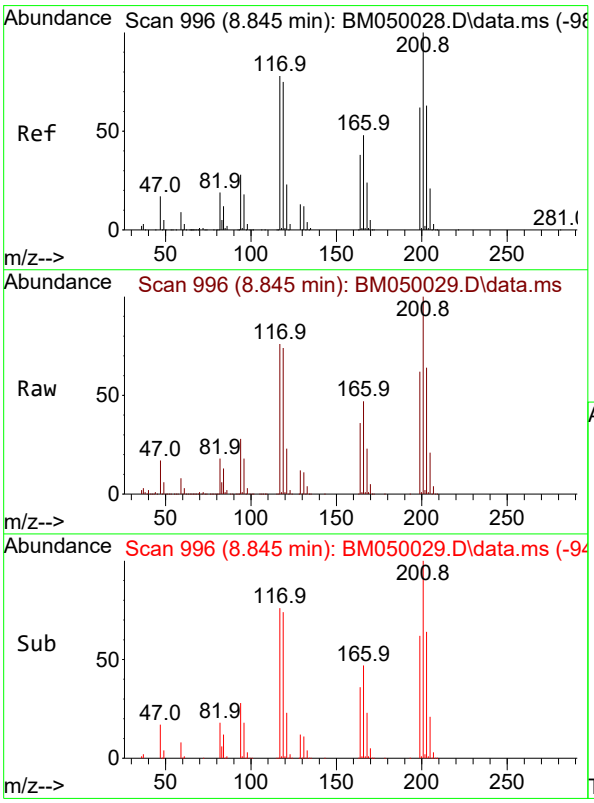
#17
2-Methylphenol
Concen: 53.563 ng
RT: 8.228 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 585120

Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.1	136.7
77	45.2	36.2	54.4
79	43.1	35.8	53.8

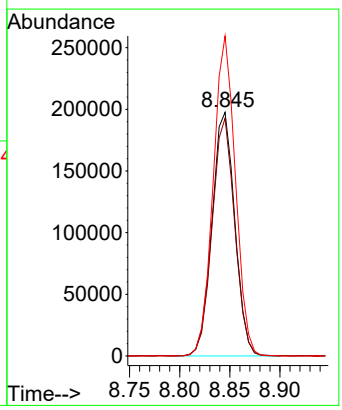


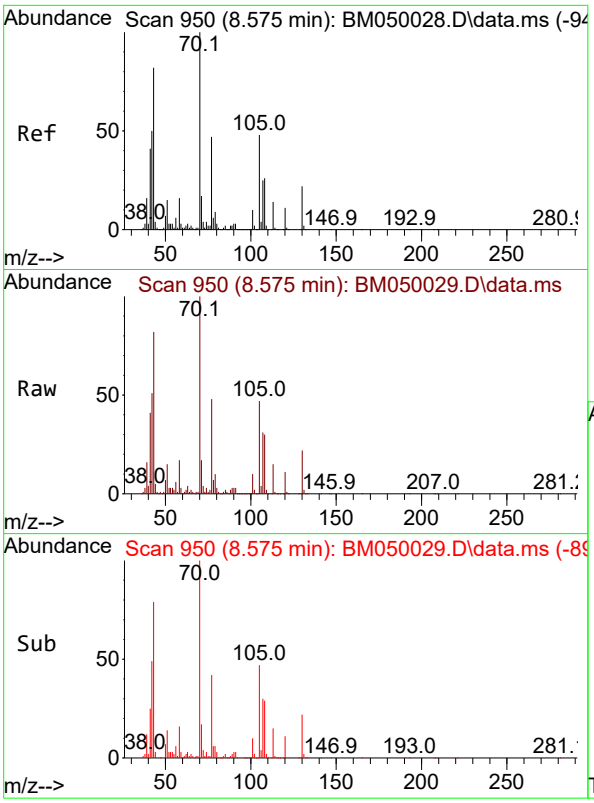


#18
Hexachloroethane
Concen: 51.444 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:117 Resp: 312710

Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.3	115.9
201	131.4	102.8	154.2



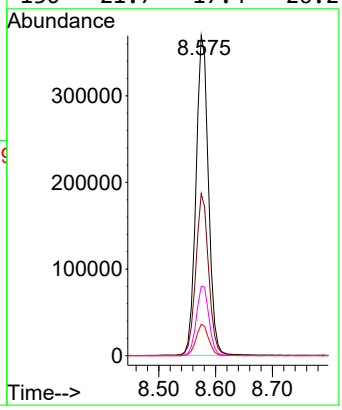


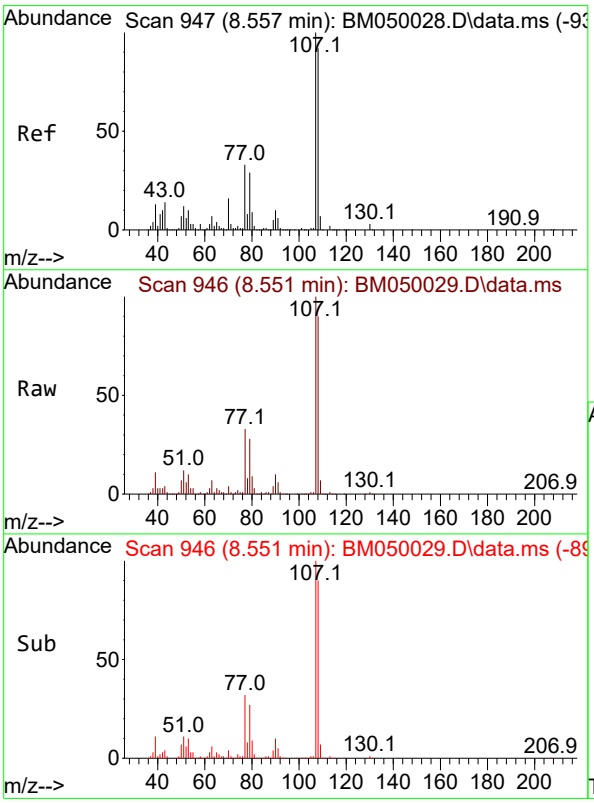
#19
n-Nitroso-di-n-propylamine
Concen: 53.672 ng
RT: 8.575 min Scan# 9
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 563847

Ion	Ratio	Lower	Upper
70	100		
42	50.7	40.5	60.7
101	9.8	7.8	11.6
130	21.7	17.4	26.2

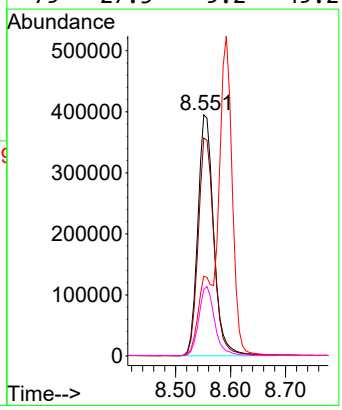


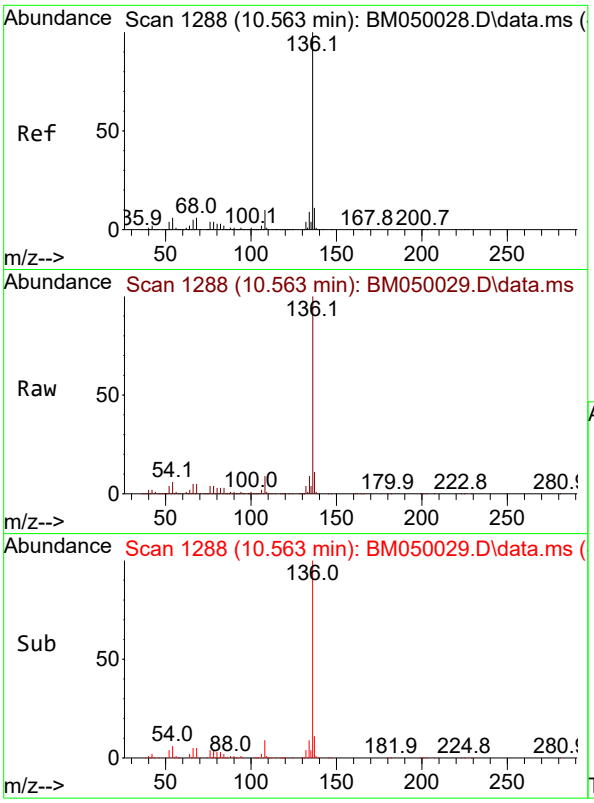


#20
3+4-Methylphenols
Concen: 53.851 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:107 Resp: 794422

Ion	Ratio	Lower	Upper
107	100		
108	90.4	72.4	112.4
77	33.0	13.6	53.6
79	27.5	9.2	49.2



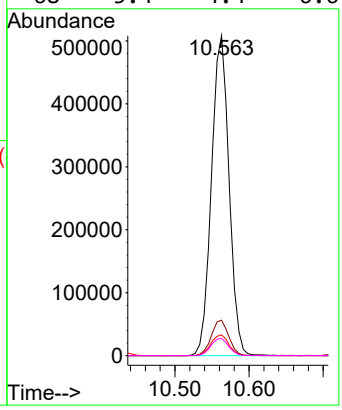


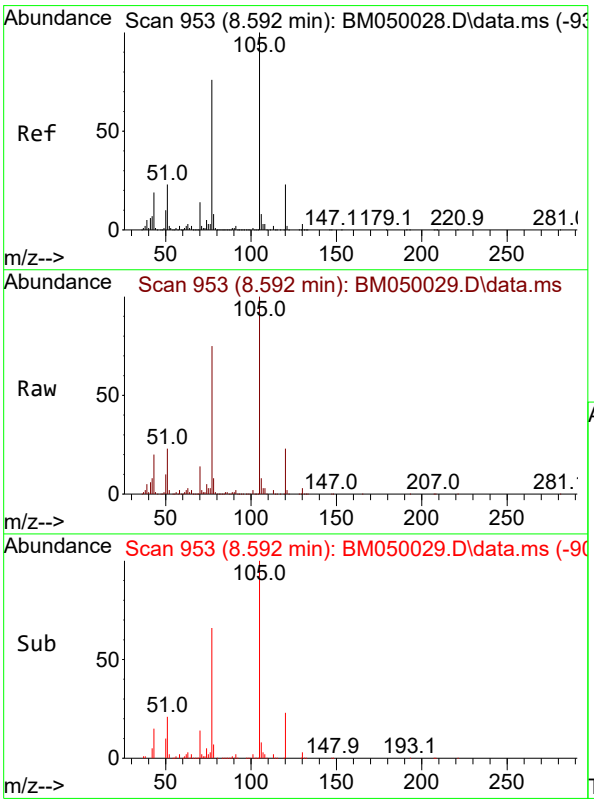
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 837552

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.5	5.1	7.7
68	5.4	4.4	6.6

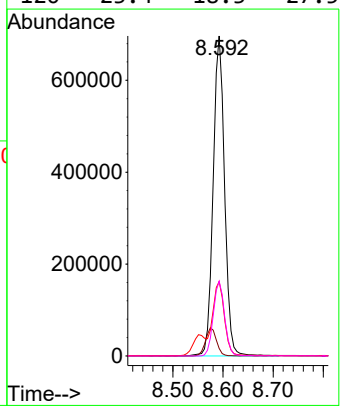


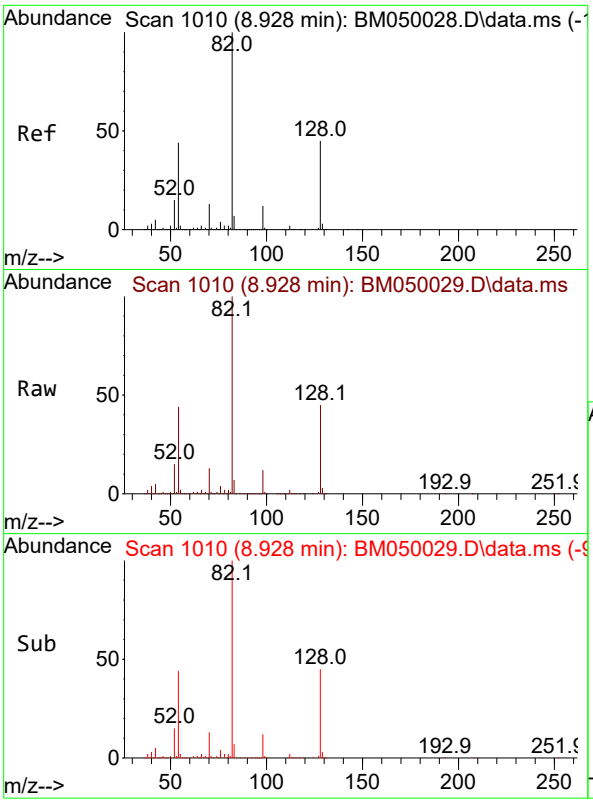


#22
Acetophenone
Concen: 52.827 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:105 Resp: 1100024

Ion	Ratio	Lower	Upper
105	100		
71	2.3	1.7	2.5
51	23.2	18.6	27.8
120	23.4	18.3	27.5



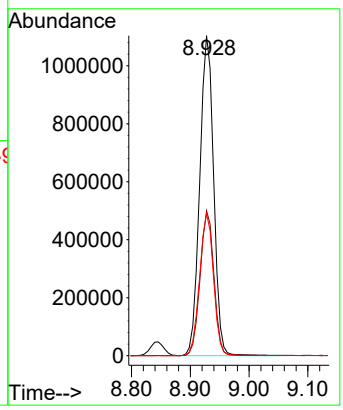


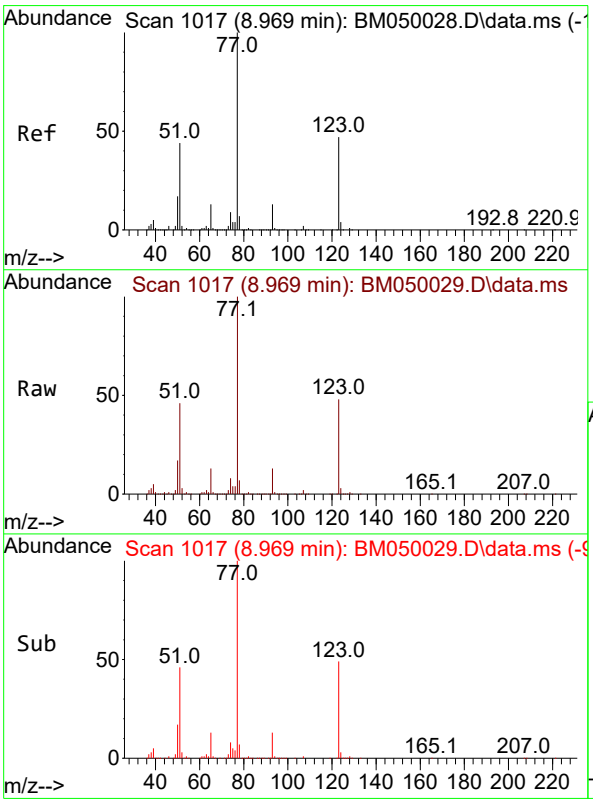
#23
Nitrobenzene-d5
Concen: 106.560 ng
RT: 8.928 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 1811208

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.7	53.5
54	44.3	35.4	53.2

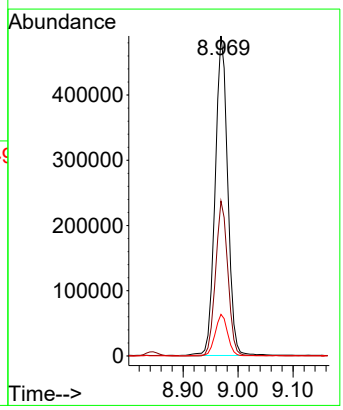


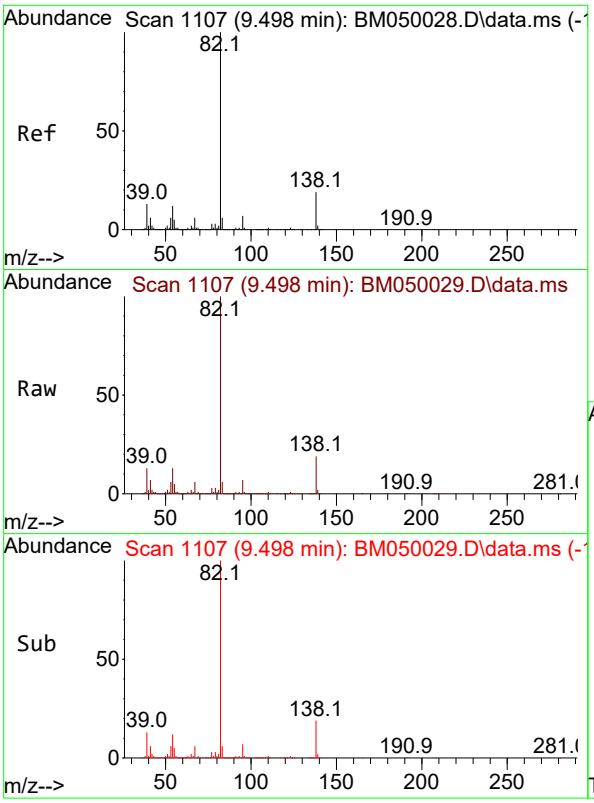


#24
Nitrobenzene
Concen: 53.020 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 77 Resp: 779215

Ion	Ratio	Lower	Upper
77	100		
123	48.4	37.9	56.9
65	13.0	10.1	15.1



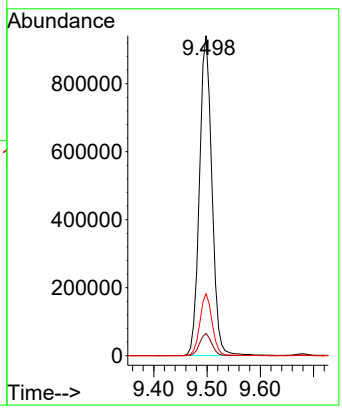


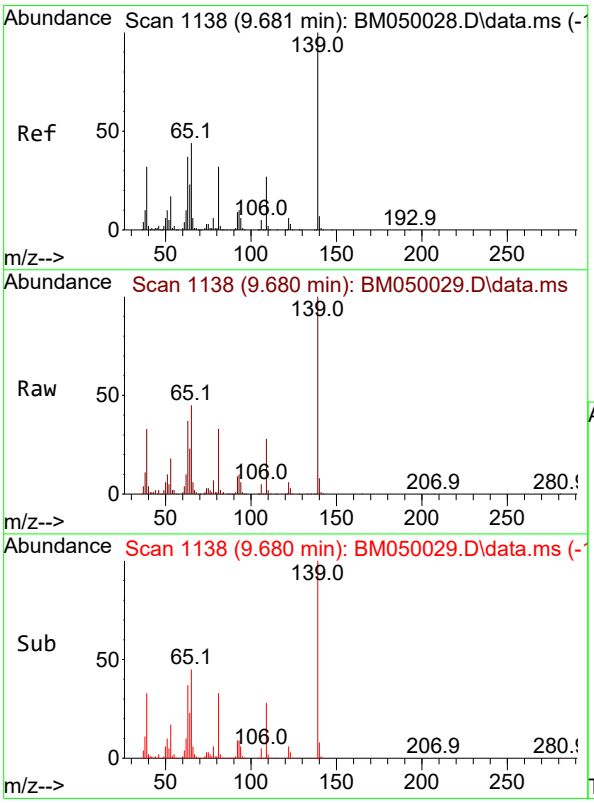
#25
Isophorone
Concen: 52.685 ng
RT: 9.498 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 1526436

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.7	8.5
138	19.3	15.5	23.3

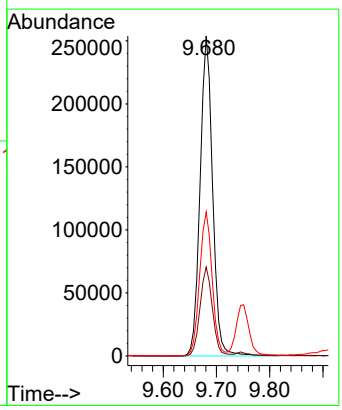


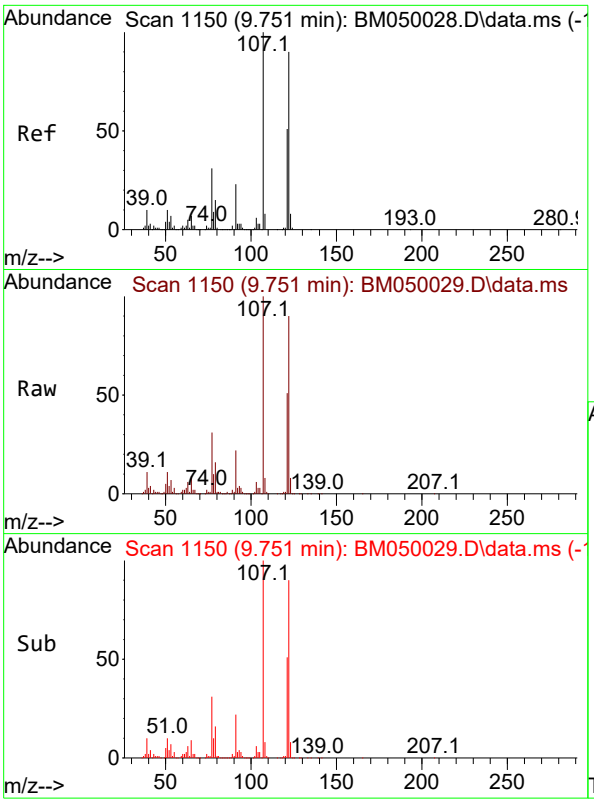


#26
2-Nitrophenol
Concen: 55.315 ng
RT: 9.680 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:139 Resp: 415316

Ion	Ratio	Lower	Upper
139	100		
109	27.8	21.9	32.9
65	45.0	35.4	53.2



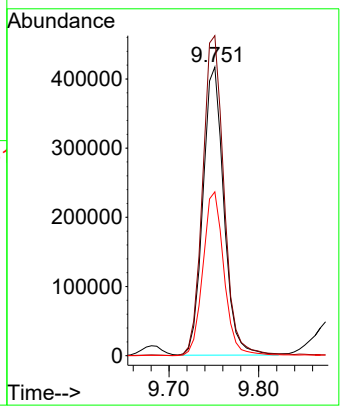


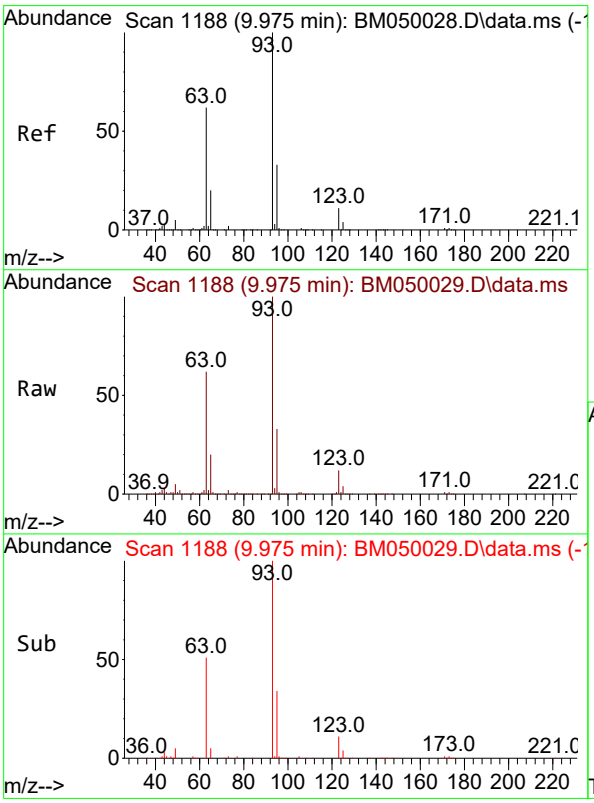
#27
2,4-Dimethylphenol
Concen: 54.175 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 674547

Ion	Ratio	Lower	Upper
122	100		
107	110.9	89.0	133.6
121	56.7	45.6	68.4

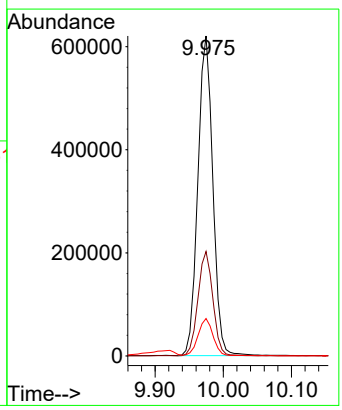


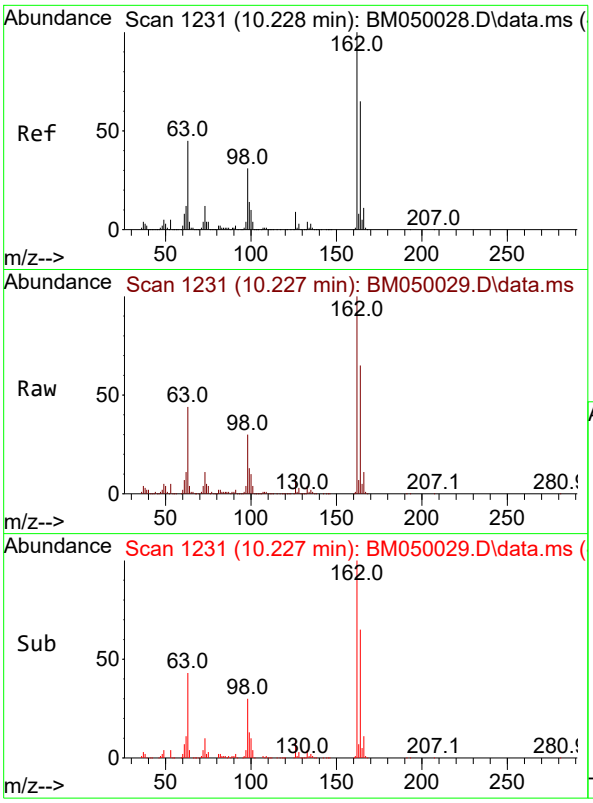


#28
bis(2-Chloroethoxy)methane
Concen: 52.843 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 93 Resp: 946285

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.1	39.1
123	11.7	9.5	14.3



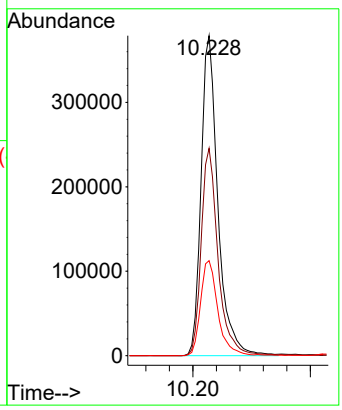


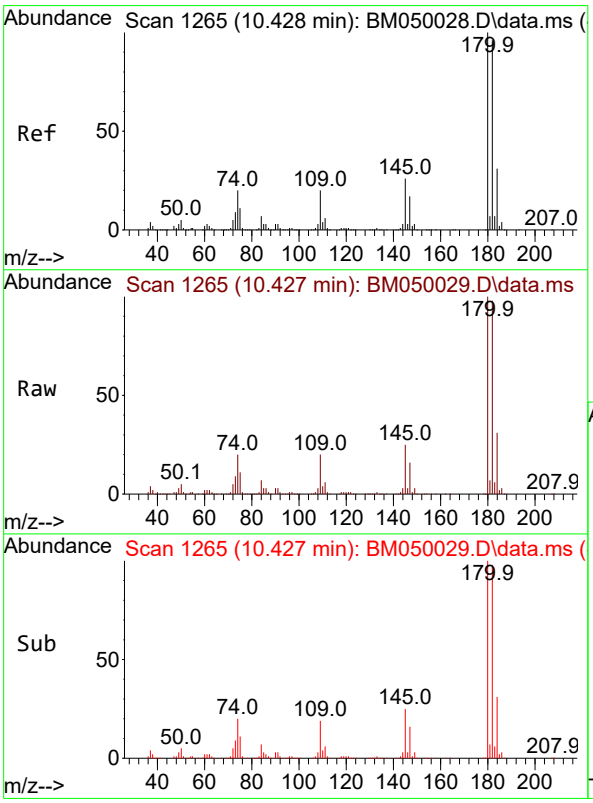
#29
2,4-Dichlorophenol
Concen: 53.847 ng
RT: 10.227 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 751117

Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.4	85.4
98	29.7	11.3	51.3

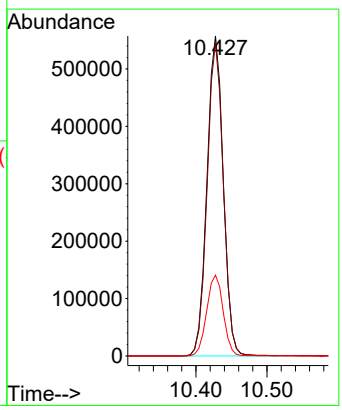


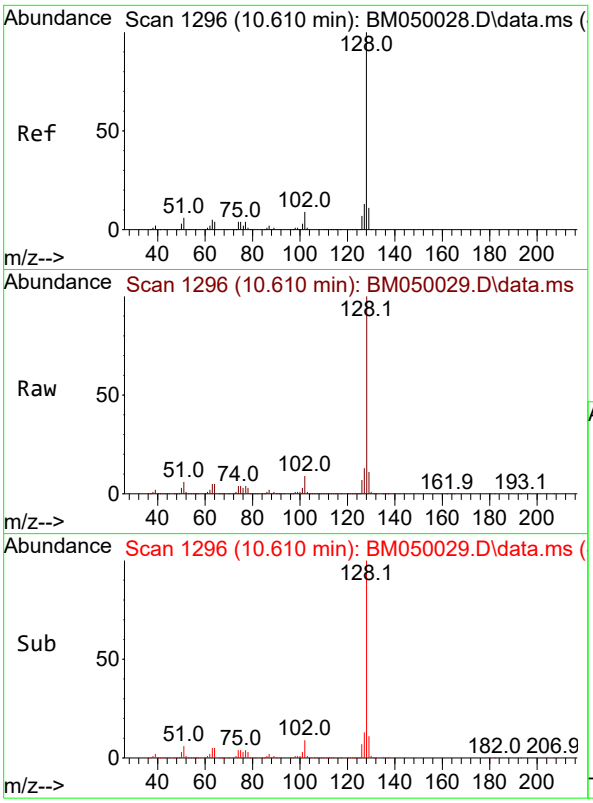


#30
1,2,4-Trichlorobenzene
Concen: 52.457 ng
RT: 10.427 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:180 Resp: 891501

Ion	Ratio	Lower	Upper
180	100		
182	97.9	77.0	115.4
145	25.3	20.6	30.8



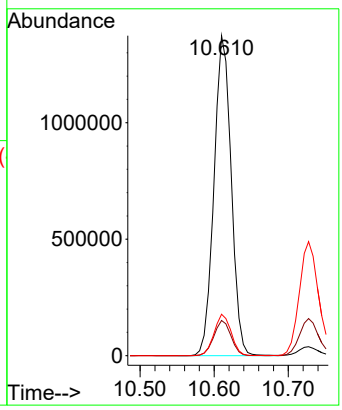


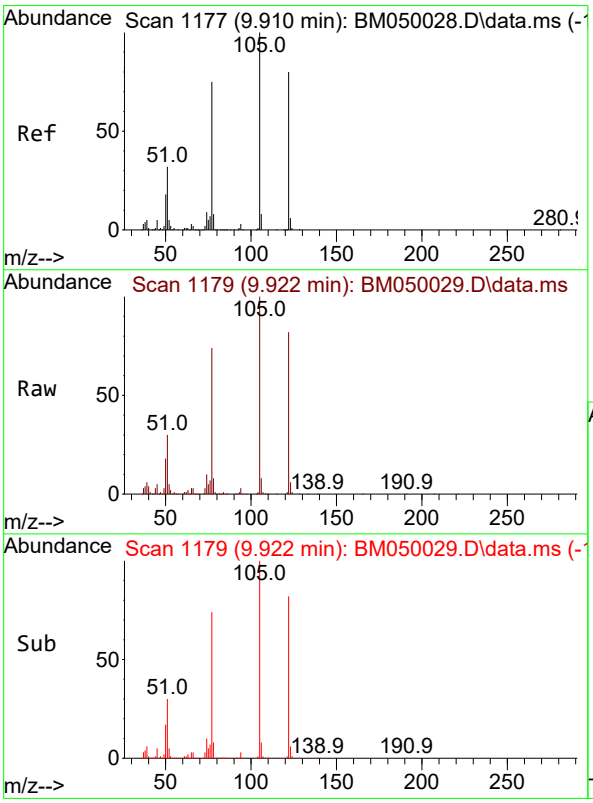
#31
Naphthalene
Concen: 52.198 ng
RT: 10.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 2214025

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.0	10.4	15.6

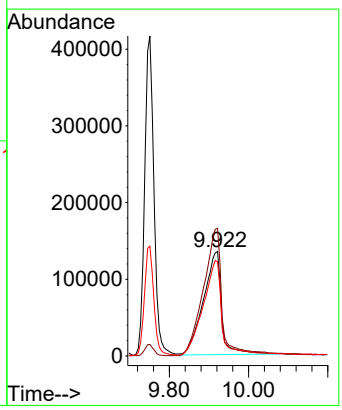


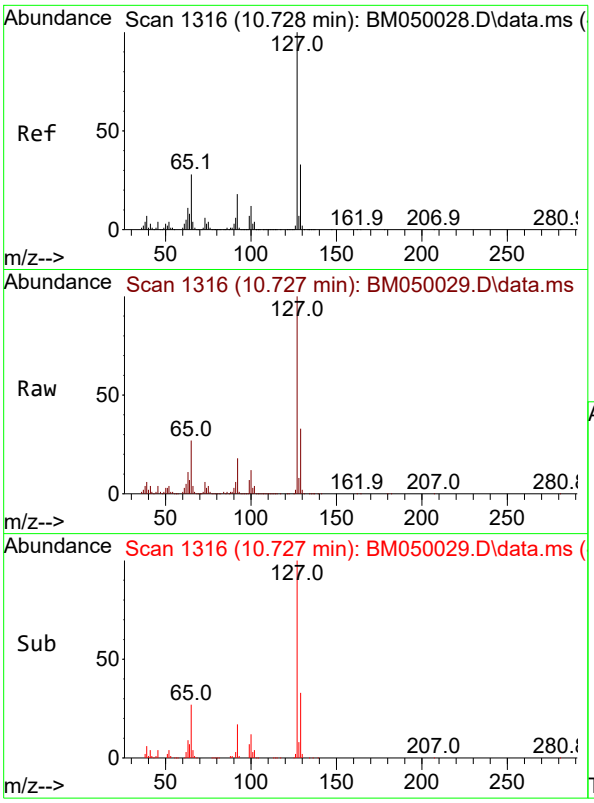


#32
Benzoic acid
Concen: 54.343 ng
RT: 9.922 min Scan# 1179
Delta R.T. 0.012 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:122 Resp: 431557

Ion	Ratio	Lower	Upper
122	100		
105	122.2	103.6	143.6
77	90.1	73.7	113.7



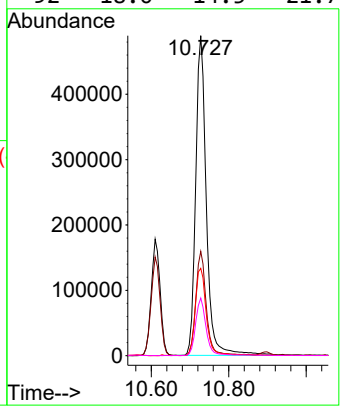


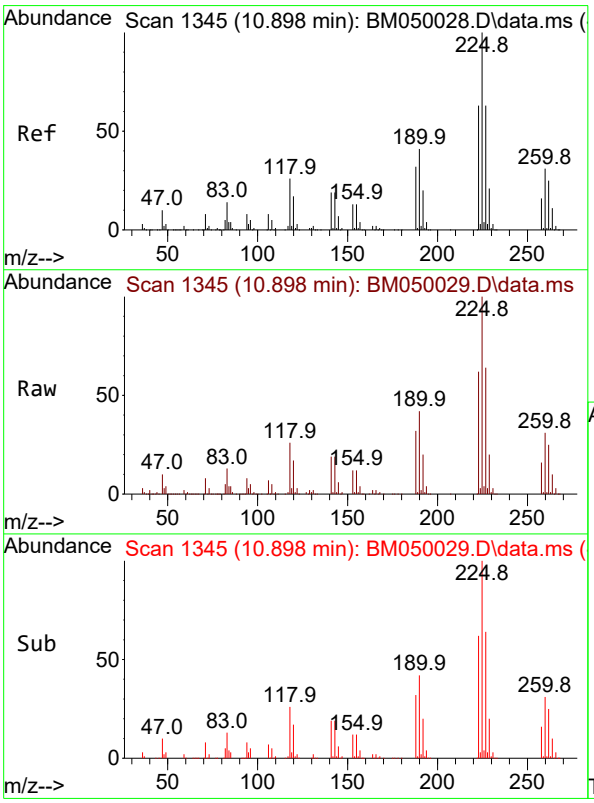
#33
4-Chloroaniline
Concen: 53.913 ng
RT: 10.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 937309

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	27.3	22.5	33.7
92	18.0	14.5	21.7

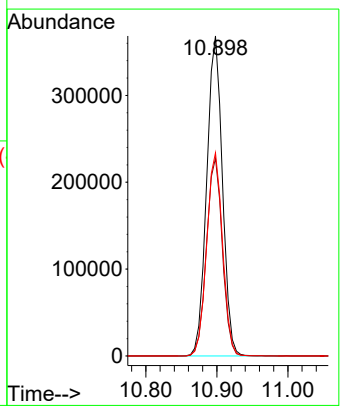


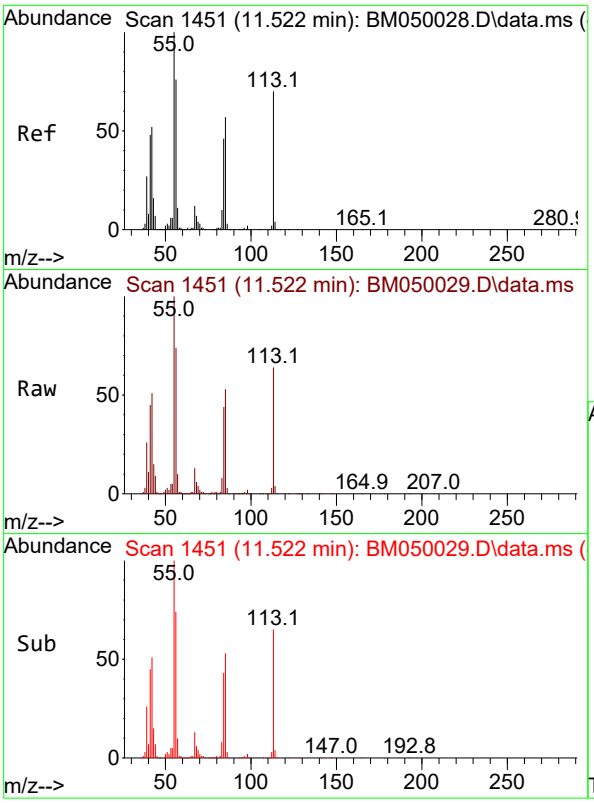


#34
Hexachlorobutadiene
Concen: 52.471 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:225 Resp: 566049

Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.2	75.2
227	63.5	50.6	76.0



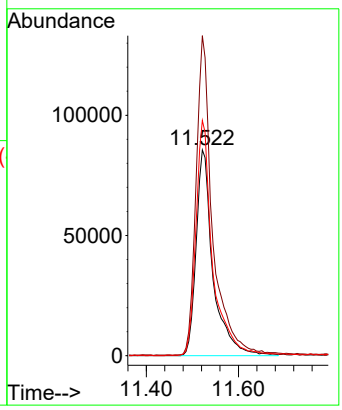


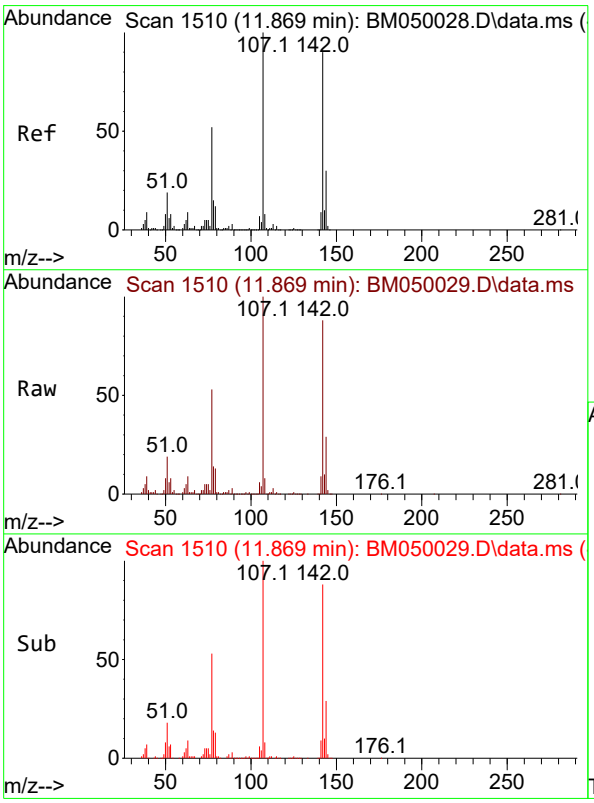
#35
Caprolactam
Concen: 53.741 ng
RT: 11.522 min Scan# 14
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 218572

Ion	Ratio	Lower	Upper
113	100		
55	155.5	122.9	162.9
56	114.3	88.1	128.1

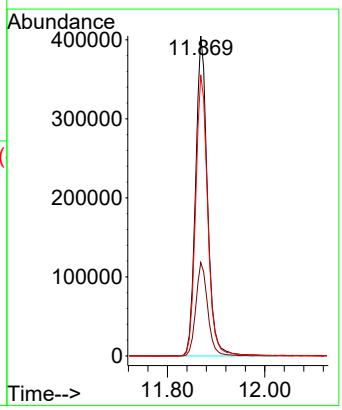


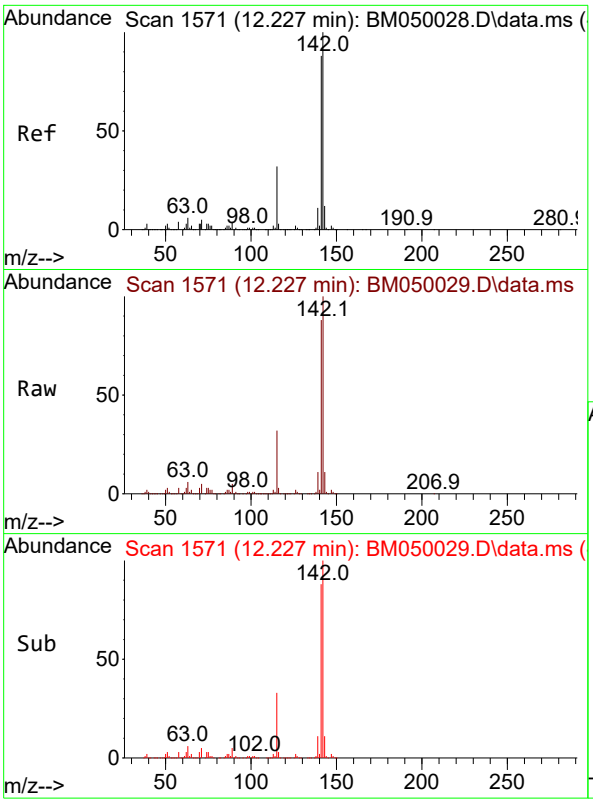


#36
4-Chloro-3-methylphenol
Concen: 53.394 ng
RT: 11.869 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:107 Resp: 688099

Ion	Ratio	Lower	Upper
107	100		
144	29.2	23.8	35.6
142	87.9	71.9	107.9



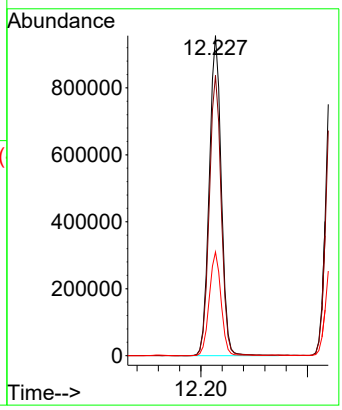


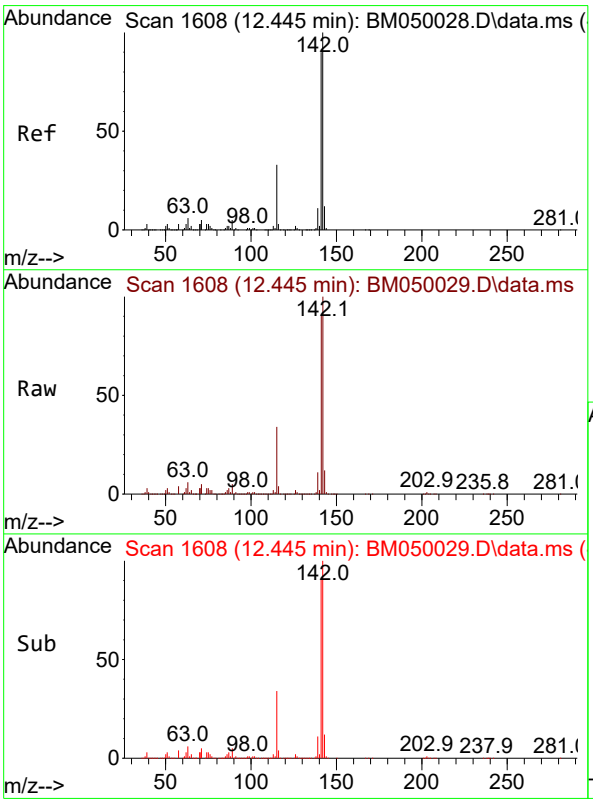
#37
2-Methylnaphthalene
Concen: 52.548 ng
RT: 12.227 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 1494348

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.4	105.6
115	32.4	25.4	38.2

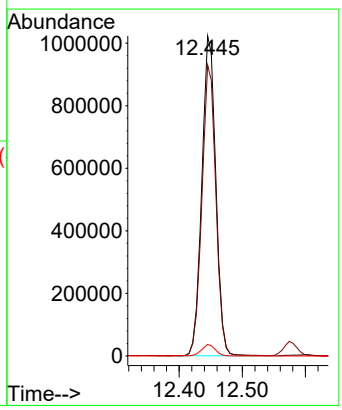


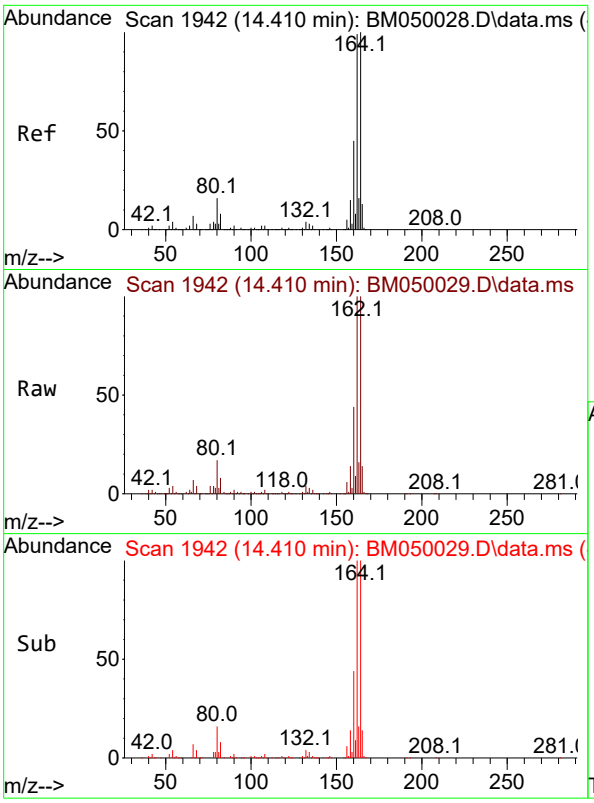


#38
1-Methylnaphthalene
Concen: 52.243 ng
RT: 12.445 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:142 Resp: 1572248

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.1	108.1
116	3.6	2.7	4.1



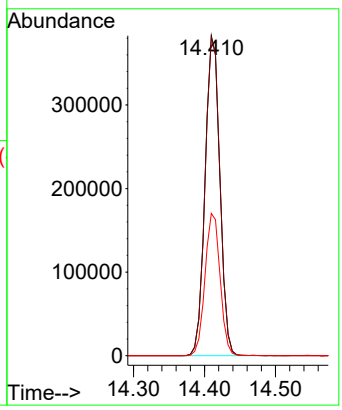


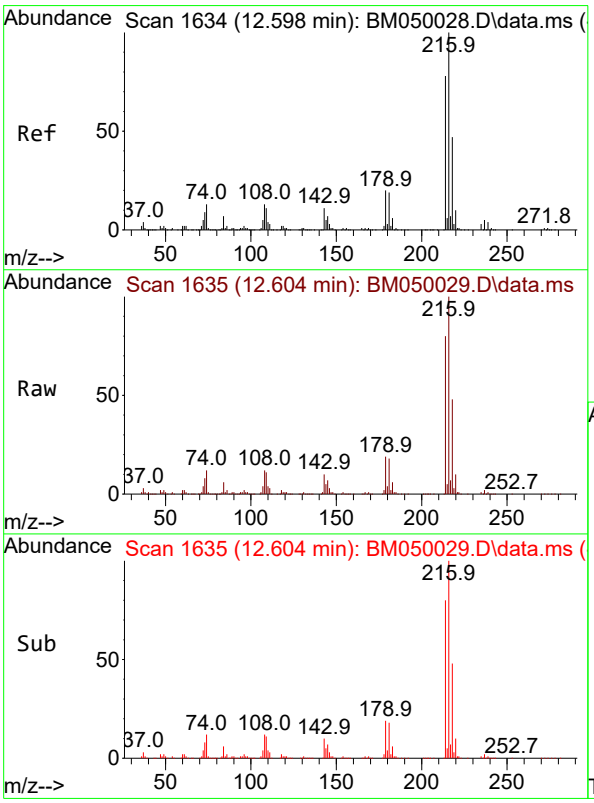
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 554448

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.4	119.0
160	44.4	36.2	54.4

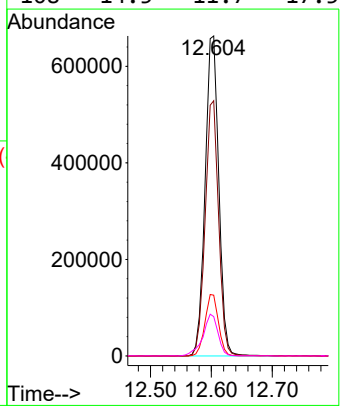


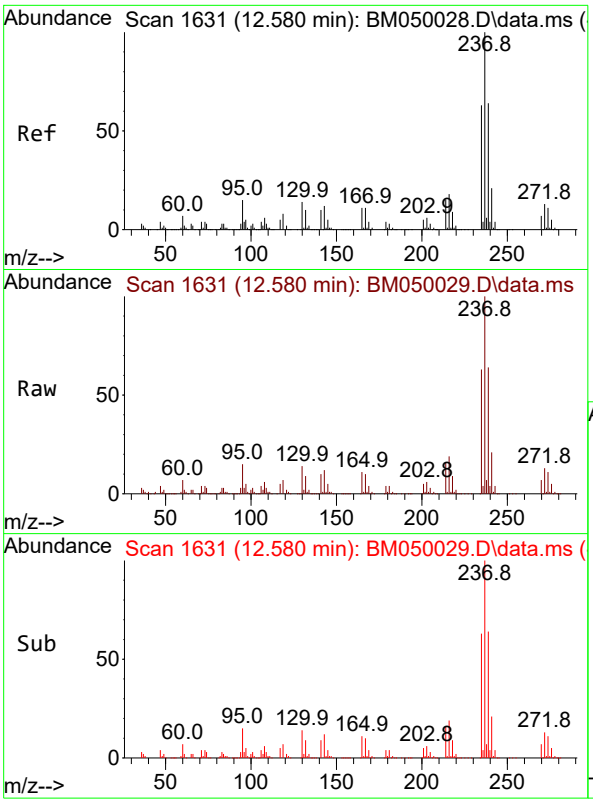


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.822 ng
RT: 12.604 min Scan# 1635
Delta R.T. 0.006 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:216 Resp: 1033027

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.3	93.5
179	19.1	15.4	23.0
108	14.5	11.7	17.5



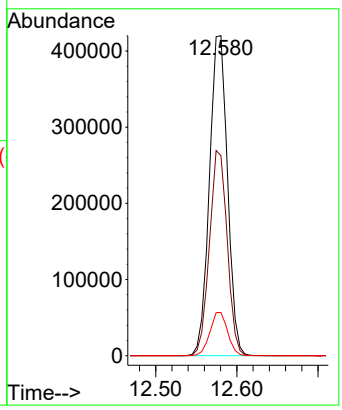


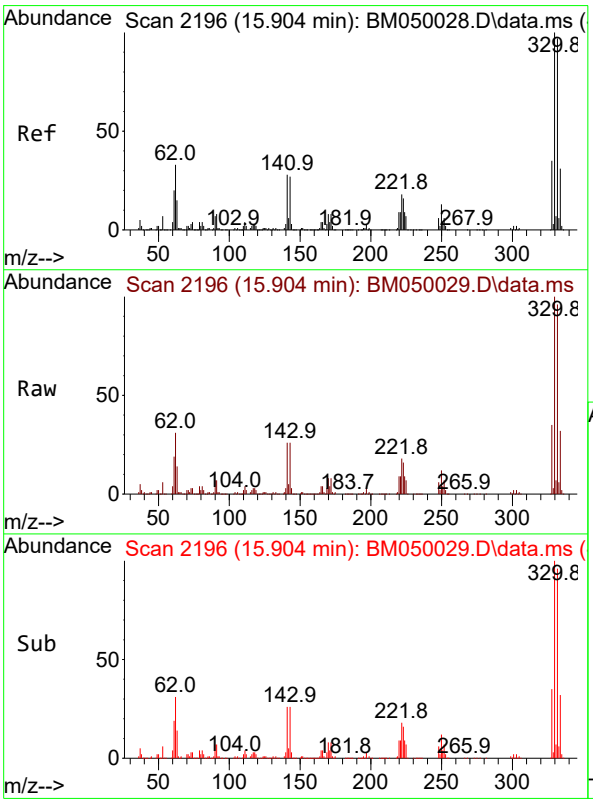
#41
Hexachlorocyclopentadiene
Concen: 55.336 ng
RT: 12.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 649060

Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.9	82.9
272	13.5	0.0	32.9

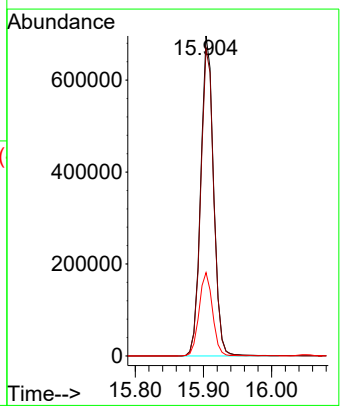


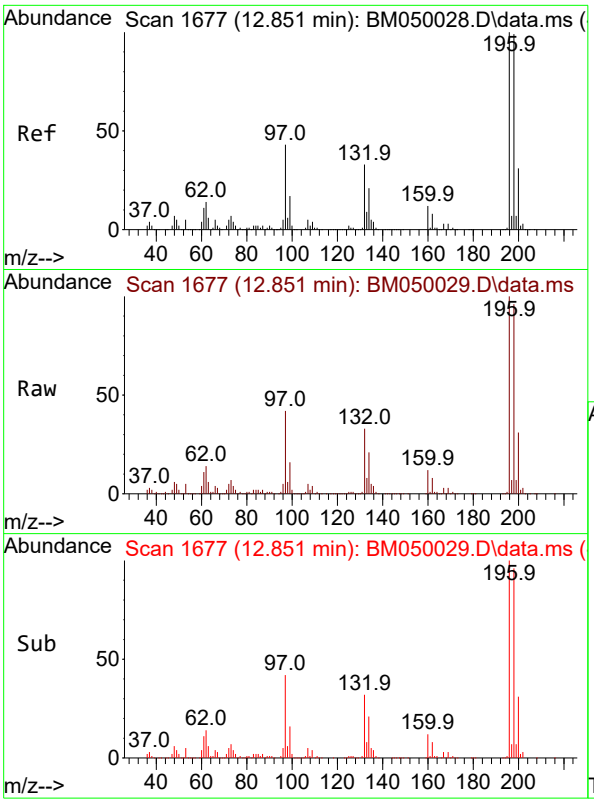


#42
2,4,6-Tribromophenol
Concen: 111.203 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:330 Resp: 911669

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	27.3	22.5	33.7



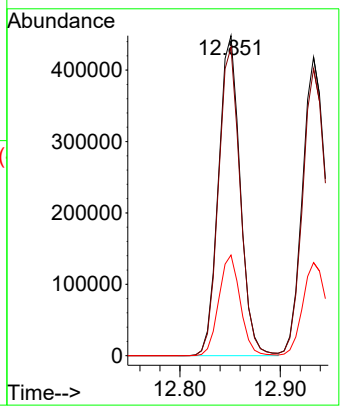


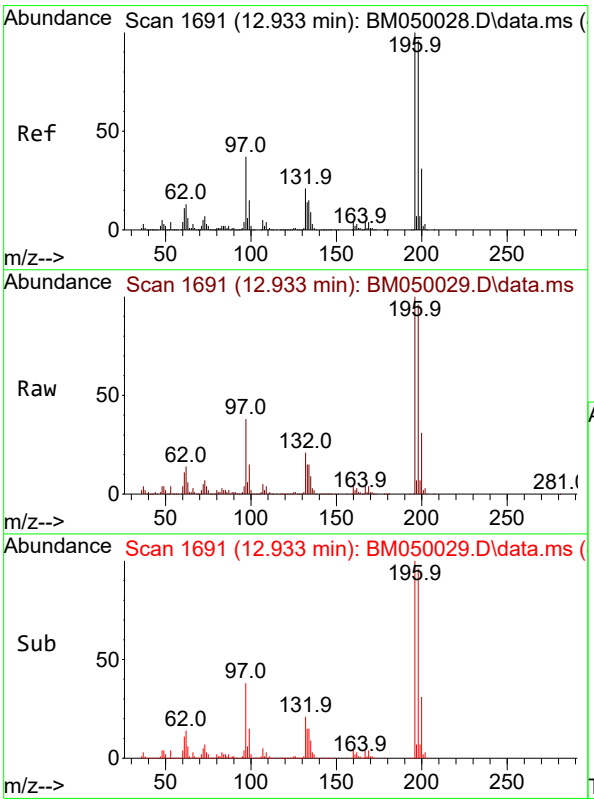
#43
2,4,6-Trichlorophenol
Concen: 55.275 ng
RT: 12.851 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 672901

Ion	Ratio	Lower	Upper
196	100		
198	96.4	79.0	118.6
200	31.4	25.1	37.7

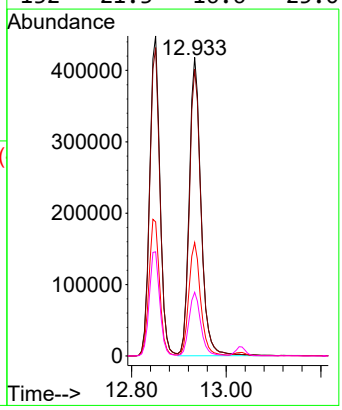


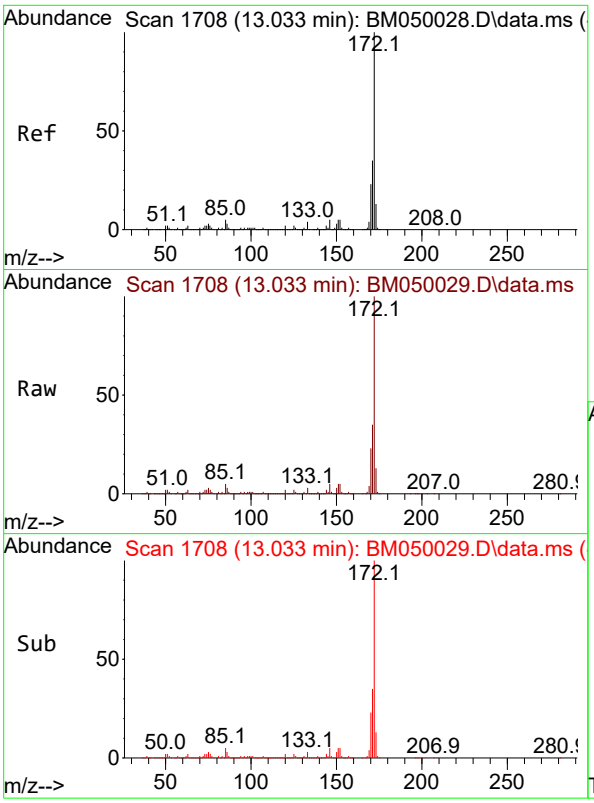


#44
2,4,5-Trichlorophenol
Concen: 54.841 ng
RT: 12.933 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:196 Resp: 719930

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.7	115.1
97	37.9	30.1	45.1
132	21.3	16.6	25.0



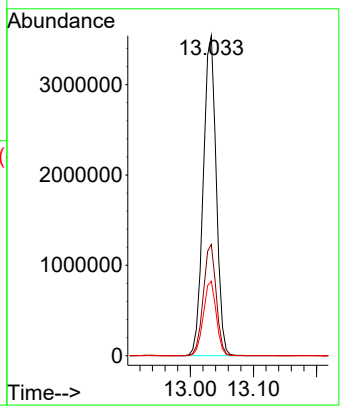


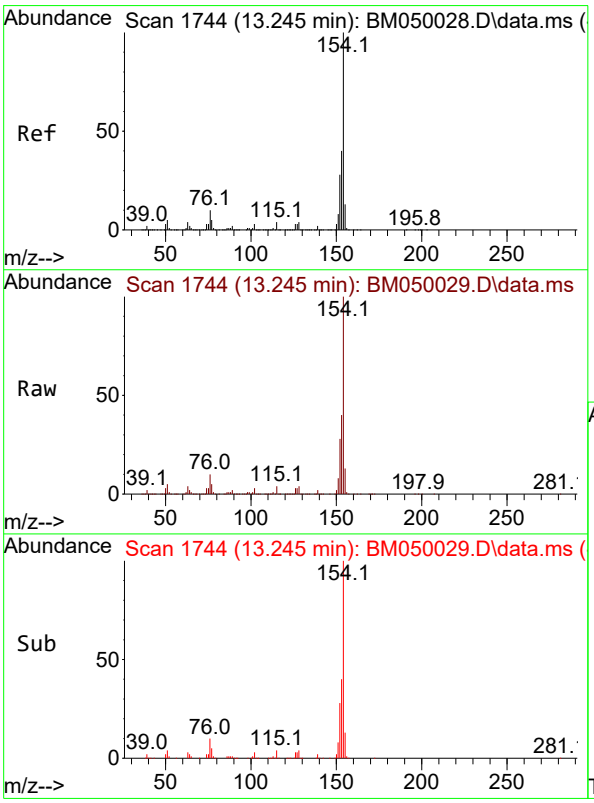
#45
2-Fluorobiphenyl
Concen: 107.775 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 5051261

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.3	18.6	28.0

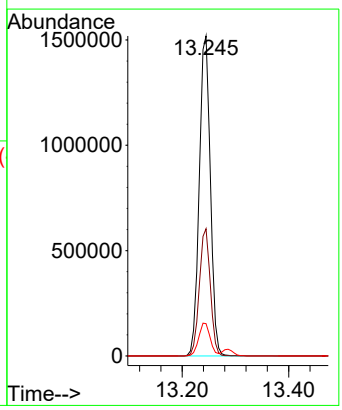


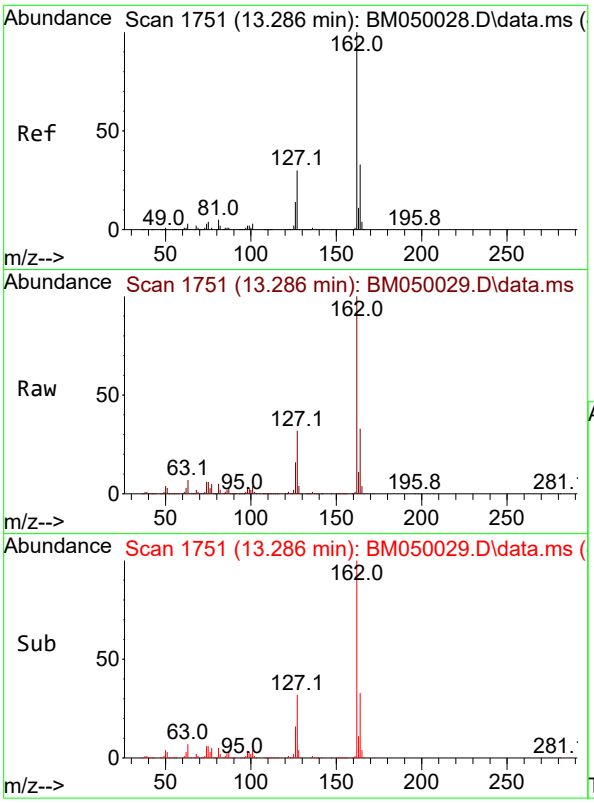


#46
1,1'-Biphenyl
Concen: 53.185 ng
RT: 13.245 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:154 Resp: 2191996

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.0	60.0
76	10.1	0.0	30.3



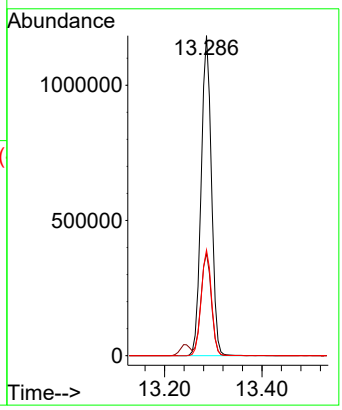


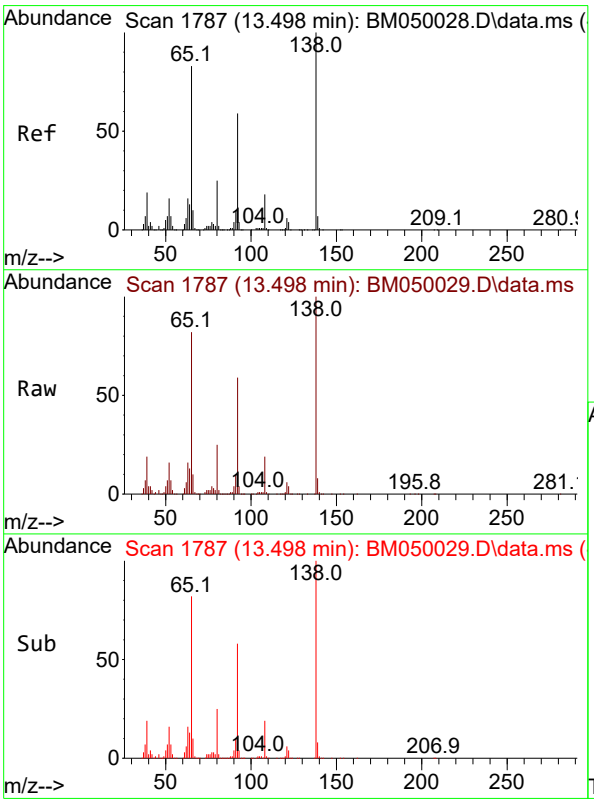
#47
2-Chloronaphthalene
Concen: 52.989 ng
RT: 13.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 1729678

Ion	Ratio	Lower	Upper
162	100		
127	32.1	25.9	38.9
164	33.1	26.6	40.0

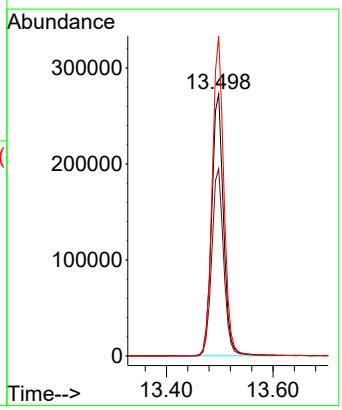


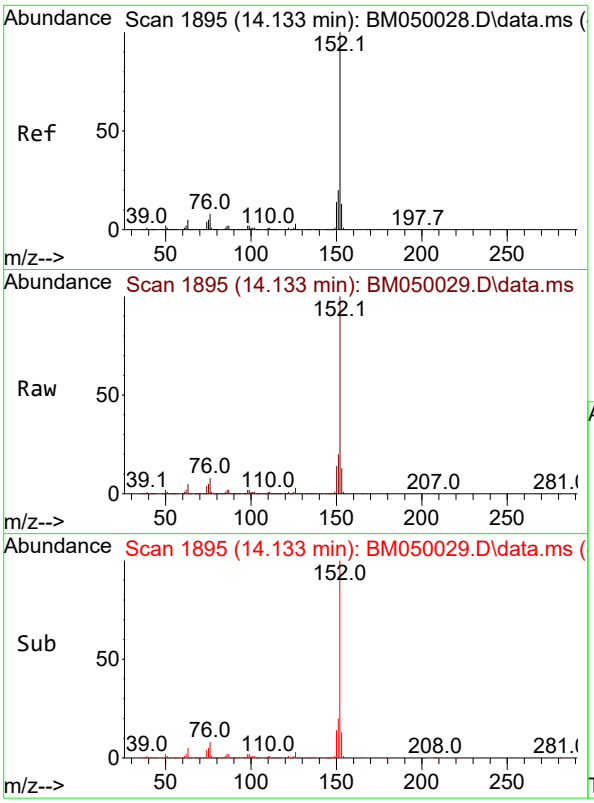


#48
2-Nitroaniline
Concen: 55.016 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 65 Resp: 421489

Ion	Ratio	Lower	Upper
65	100		
92	71.5	57.1	85.7
138	122.2	97.0	145.4



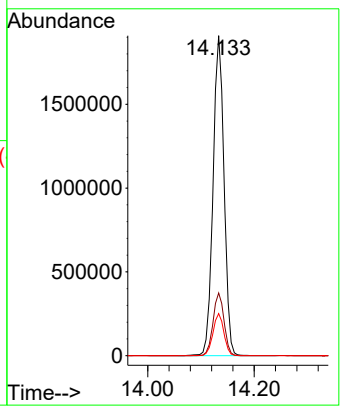


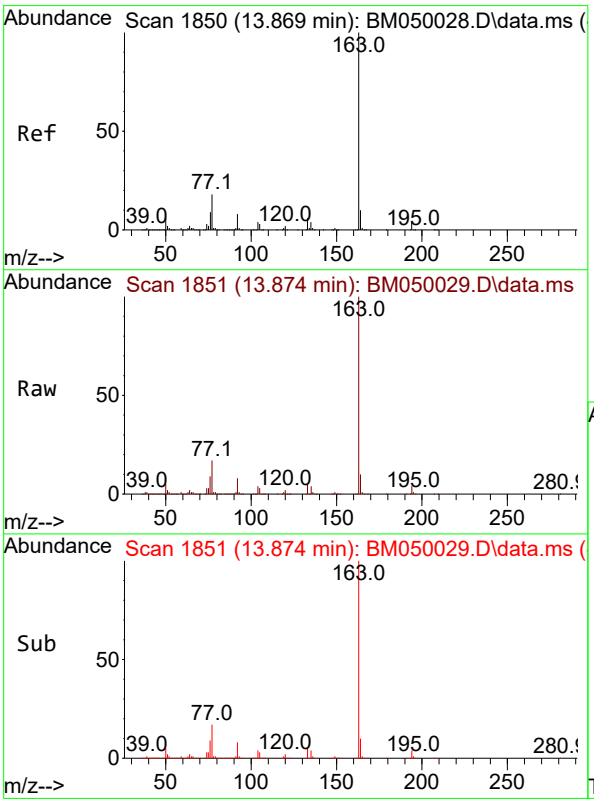
#49
Acenaphthylene
Concen: 53.082 ng
RT: 14.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 2731966

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.1	10.6	15.8

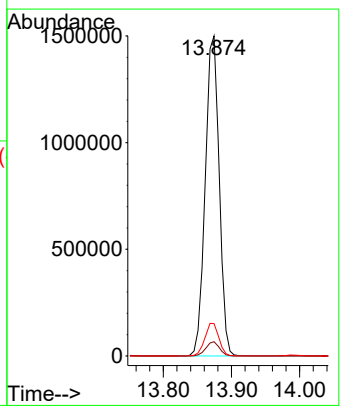


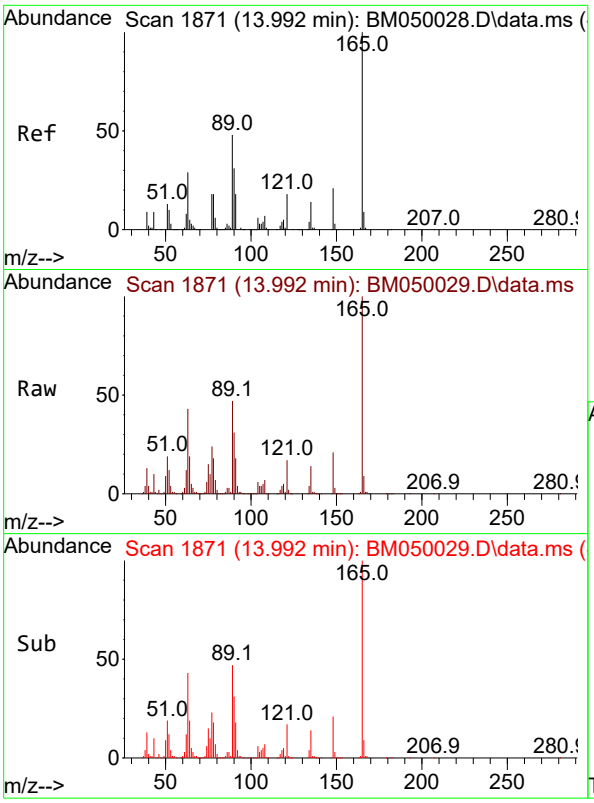


#50
Dimethylphthalate
Concen: 52.770 ng
RT: 13.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:163 Resp: 2138242

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.1	8.2	12.2



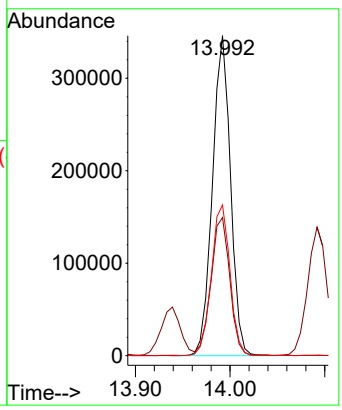


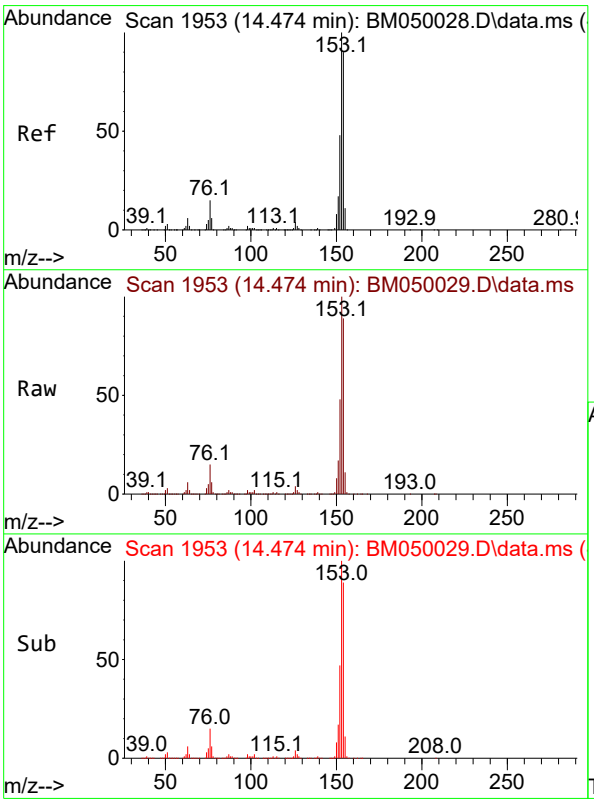
#51
2,6-Dinitrotoluene
Concen: 54.650 ng
RT: 13.992 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 458476

Ion	Ratio	Lower	Upper
165	100		
63	43.1	35.1	52.7
89	47.1	38.4	57.6

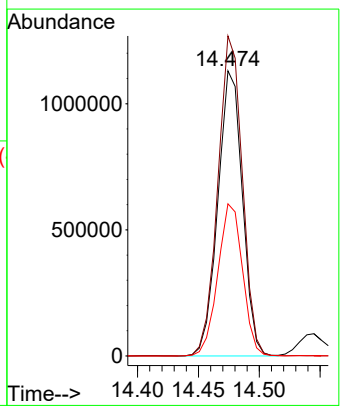


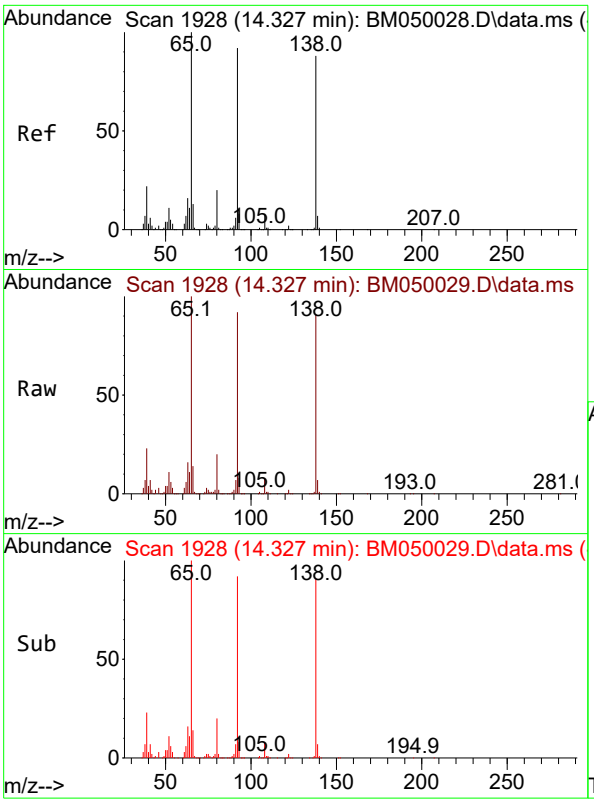


#52
Acenaphthene
Concen: 53.287 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:154 Resp: 1587472

Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.0	133.4
152	53.4	43.0	64.6



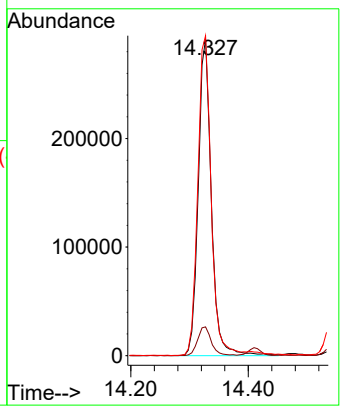


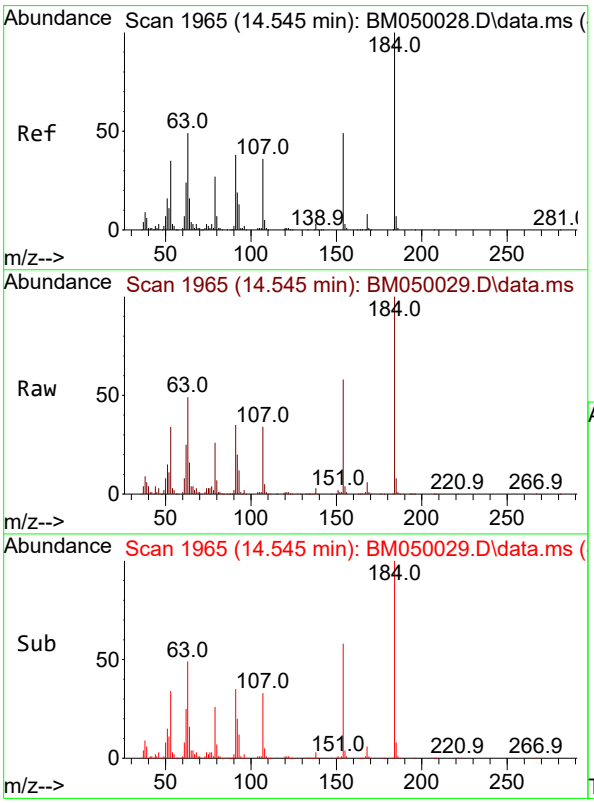
#53
3-Nitroaniline
Concen: 56.186 ng
RT: 14.327 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 450021

Ion	Ratio	Lower	Upper
138	100		
108	9.1	7.4	11.2
92	101.0	84.0	126.0

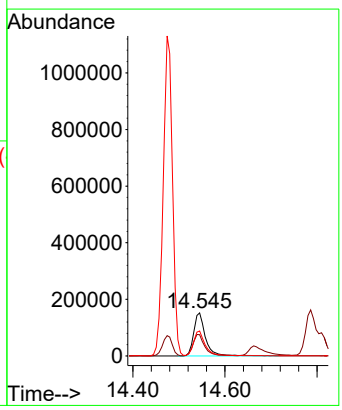


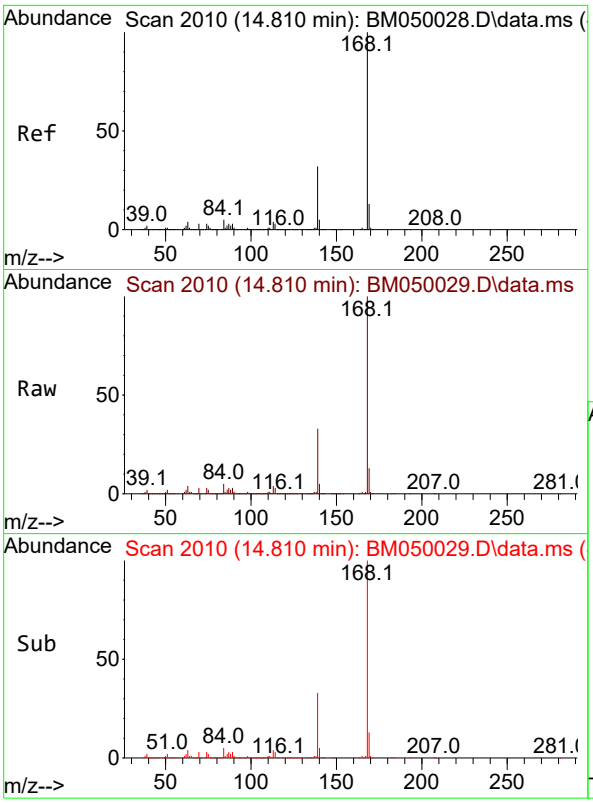


#54
2,4-Dinitrophenol
Concen: 52.338 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:184 Resp: 269515

Ion	Ratio	Lower	Upper
184	100		
63	49.3	39.8	59.6
154	58.0	46.1	69.1



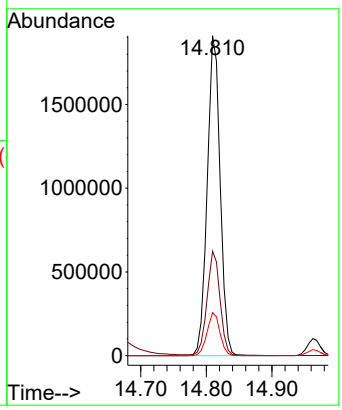


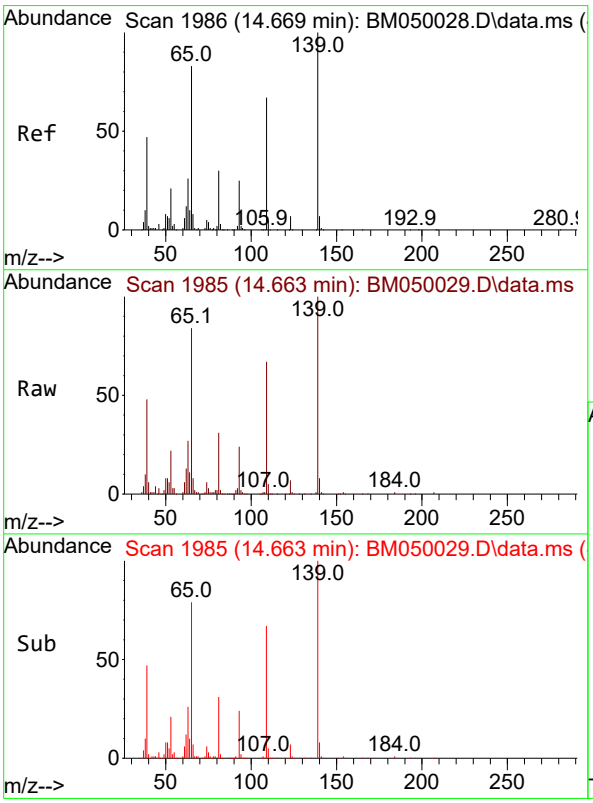
#55
Dibenzofuran
Concen: 52.809 ng
RT: 14.810 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 2617489

Ion	Ratio	Lower	Upper
168	100		
139	32.6	26.1	39.1
169	13.5	10.8	16.2

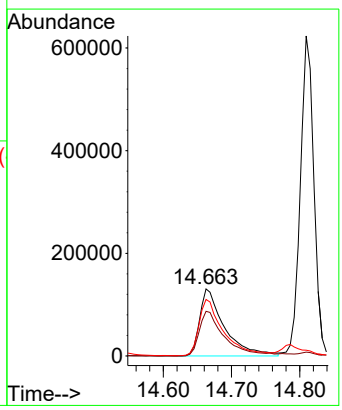


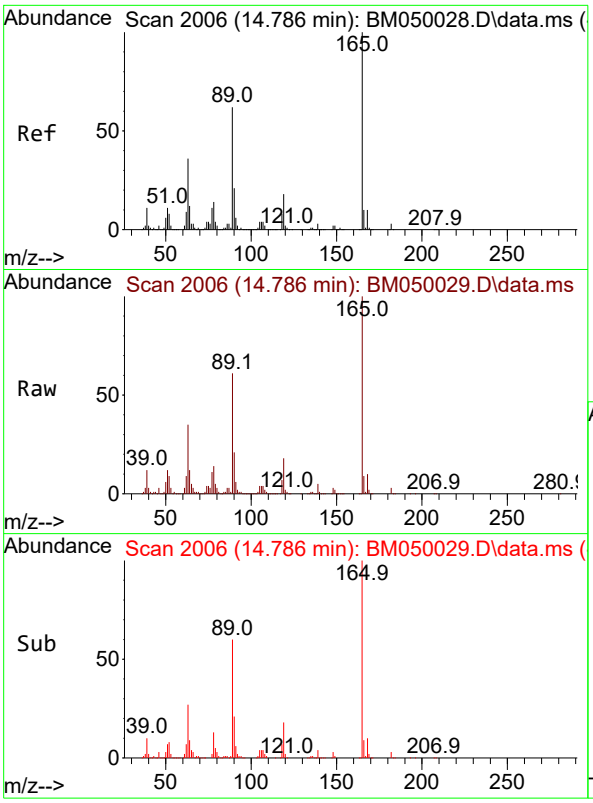


#56
4-Nitrophenol
Concen: 52.029 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.007 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:139 Resp: 328078

Ion	Ratio	Lower	Upper
139	100		
109	66.7	47.0	87.0
65	84.3	64.3	104.3



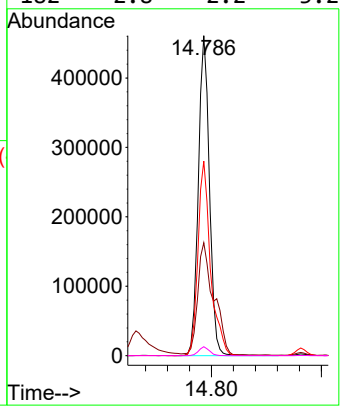


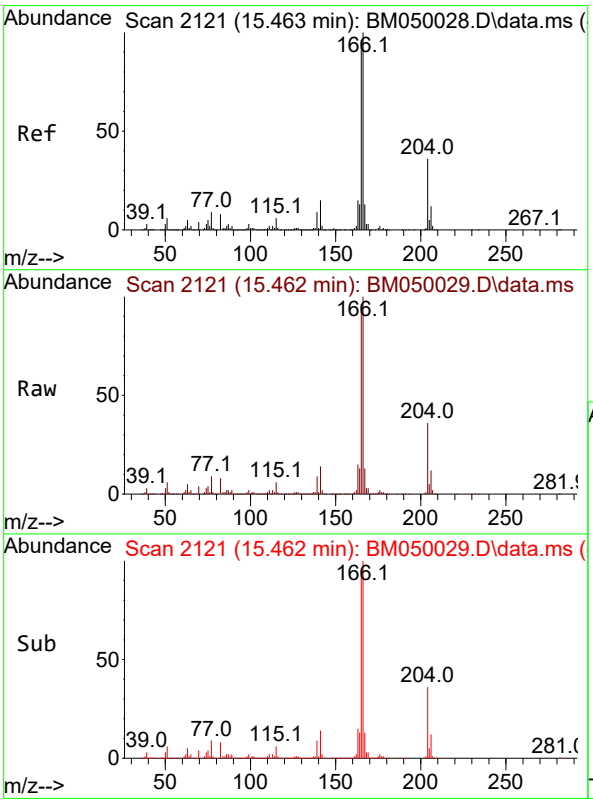
#57
2,4-Dinitrotoluene
Concen: 55.921 ng
RT: 14.786 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 648262

Ion	Ratio	Lower	Upper
165	100		
63	35.3	29.0	43.6
89	60.8	49.4	74.2
182	2.8	2.2	3.2

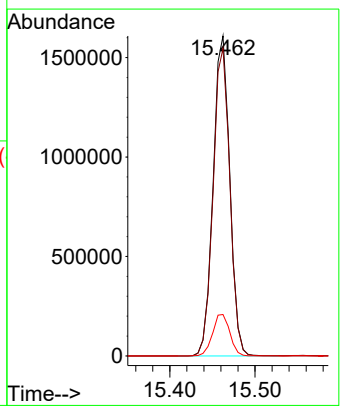


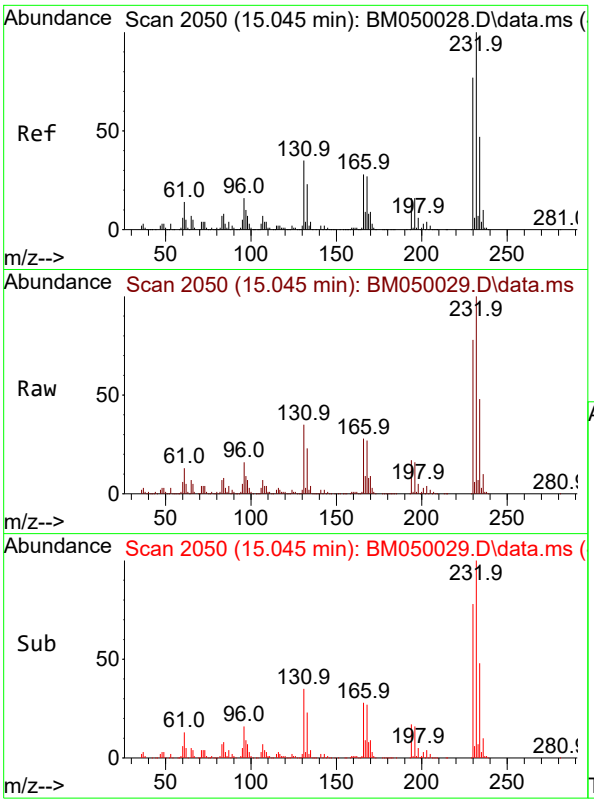


#58
Fluorene
Concen: 53.740 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:166 Resp: 2180247

Ion	Ratio	Lower	Upper
166	100		
165	96.1	76.6	115.0
167	13.0	10.6	16.0



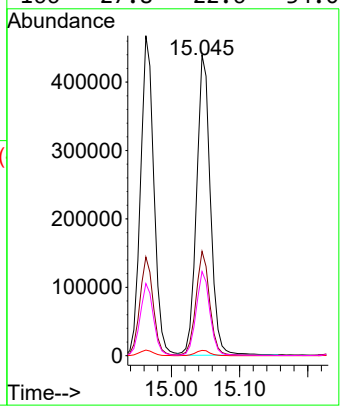


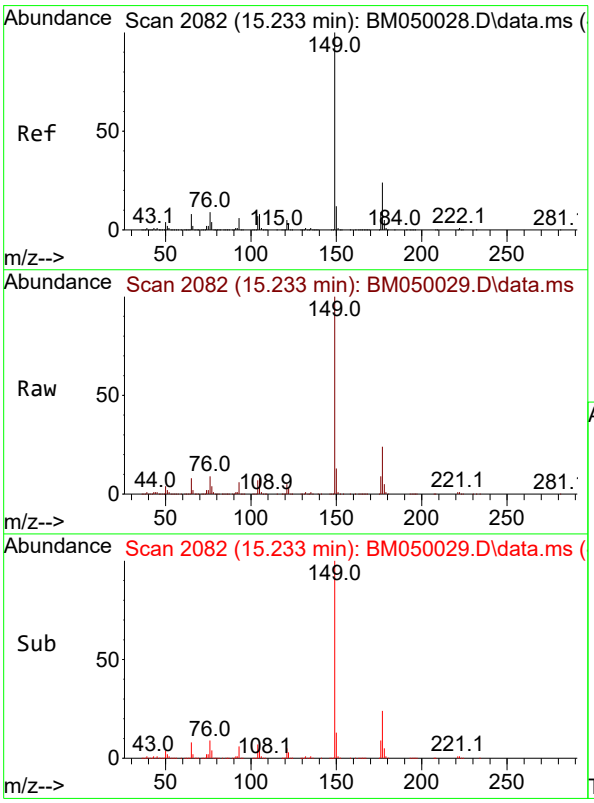
#59
2,3,4,6-Tetrachlorophenol
Concen: 54.311 ng
RT: 15.045 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 617151

Ion	Ratio	Lower	Upper
232	100		
131	34.5	28.2	42.4
130	1.9	1.5	2.3
166	27.8	22.6	34.0

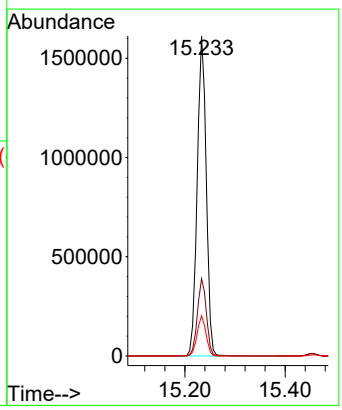


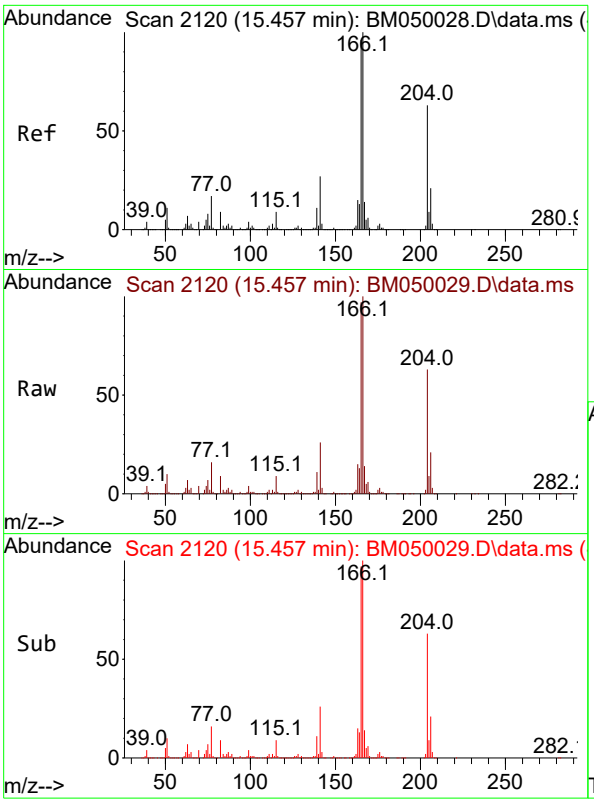


#60
Diethylphthalate
Concen: 52.691 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:149 Resp: 2011763

Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.1	28.7
150	12.5	9.6	14.4



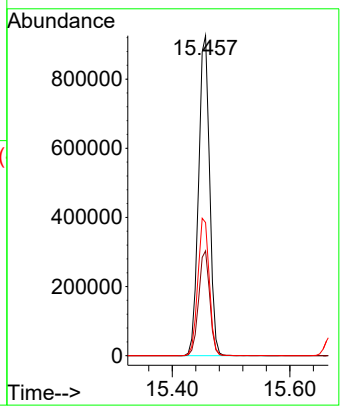


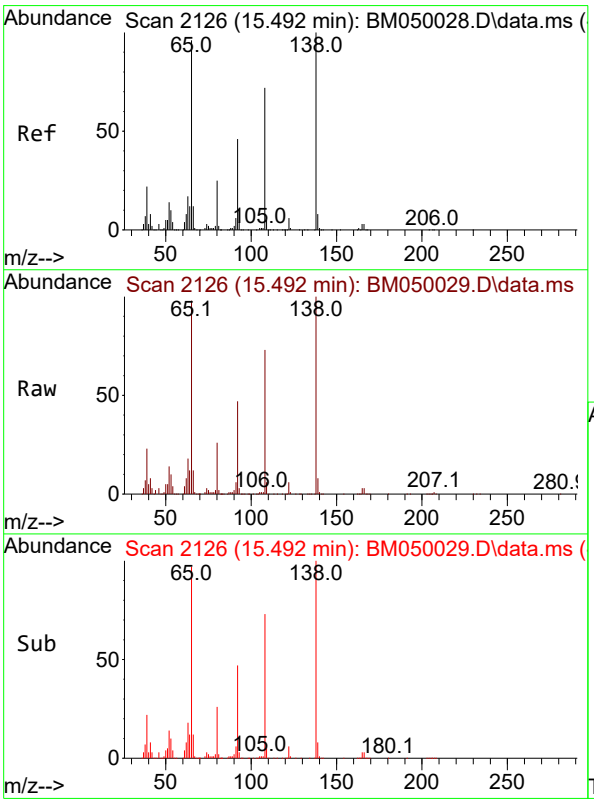
#61
4-Chlorophenyl-phenylether
Concen: 54.188 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 1207514

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.3	39.5
141	41.6	34.0	51.0

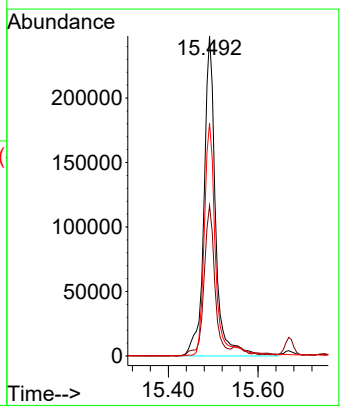


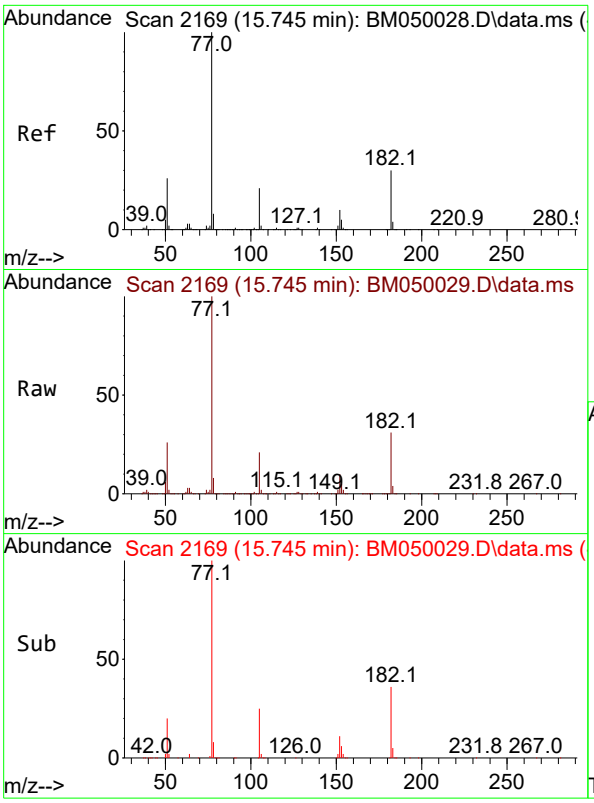


#62
4-Nitroaniline
Concen: 57.612 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:138 Resp: 445520

Ion	Ratio	Lower	Upper
138	100		
92	46.9	25.9	65.9
108	72.7	52.4	92.4



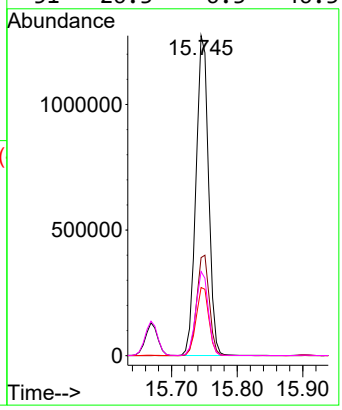


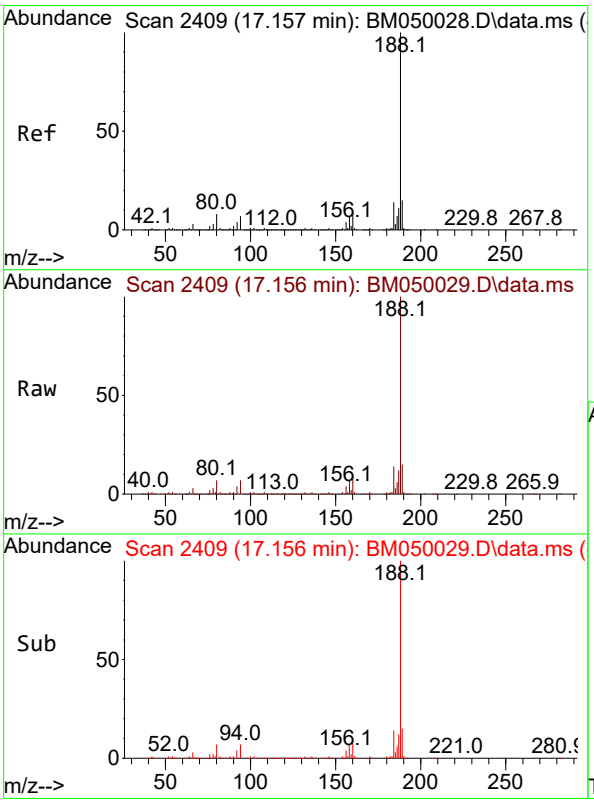
#63
Azobenzene
Concen: 53.251 ng
RT: 15.745 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 1703932

Ion	Ratio	Lower	Upper
77	100		
182	30.7	10.5	50.5
105	21.3	1.1	41.1
51	26.3	6.3	46.3

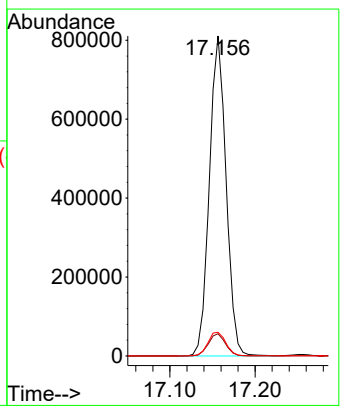


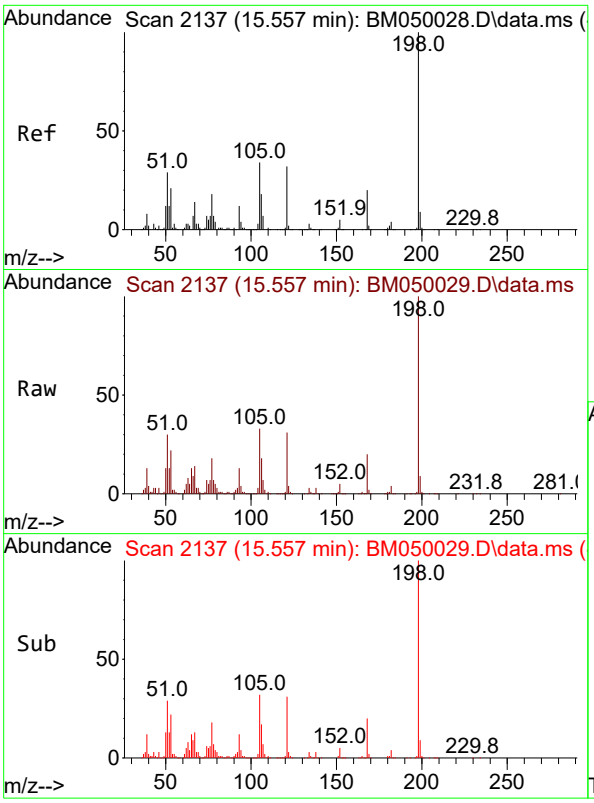


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2409
Delta R.T. -0.001 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:188 Resp: 1105769

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.7	8.5
80	7.4	6.2	9.4



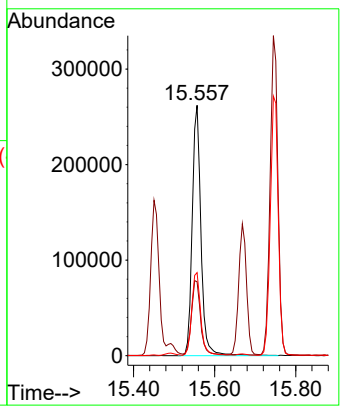


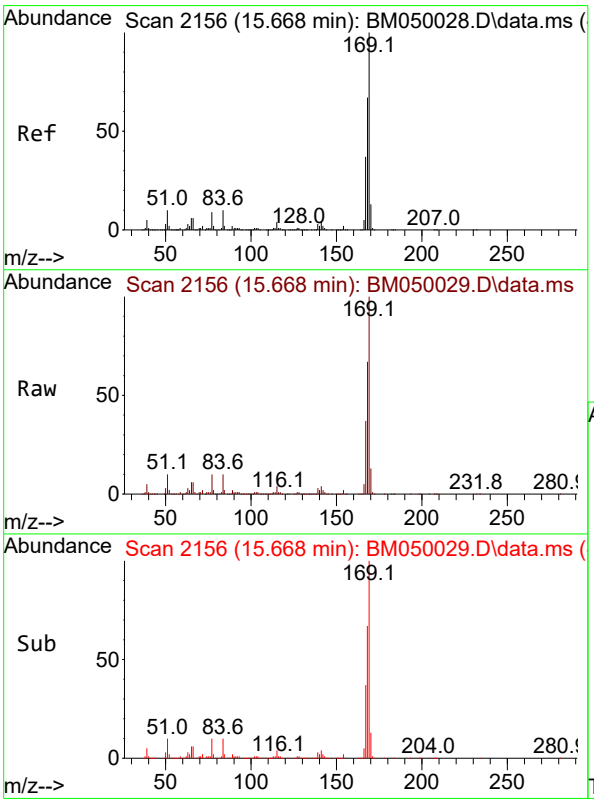
#65
4,6-Dinitro-2-methylphenol
Concen: 56.806 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 393191

Ion	Ratio	Lower	Upper
198	100		
51	29.5	10.4	50.4
105	33.1	14.6	54.6

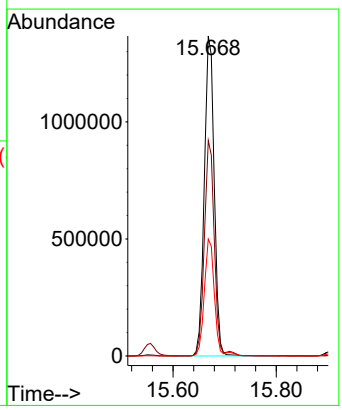


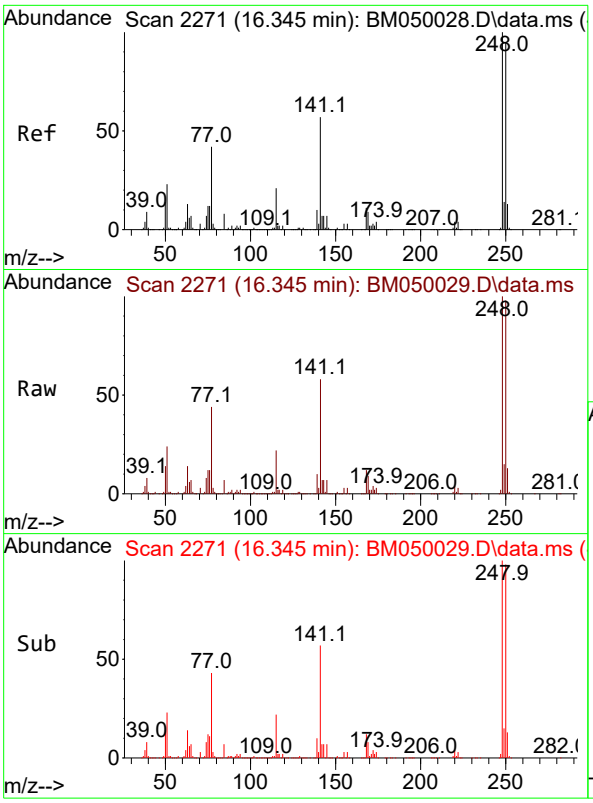


#66
n-Nitrosodiphenylamine
Concen: 53.474 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:169 Resp: 1815723

Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.4	80.2
167	36.5	29.4	44.0



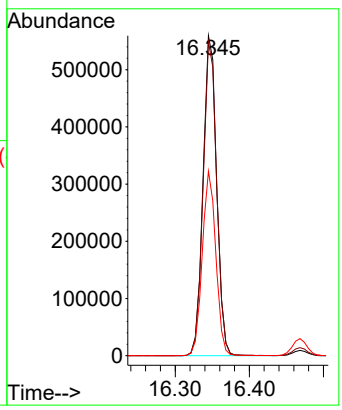


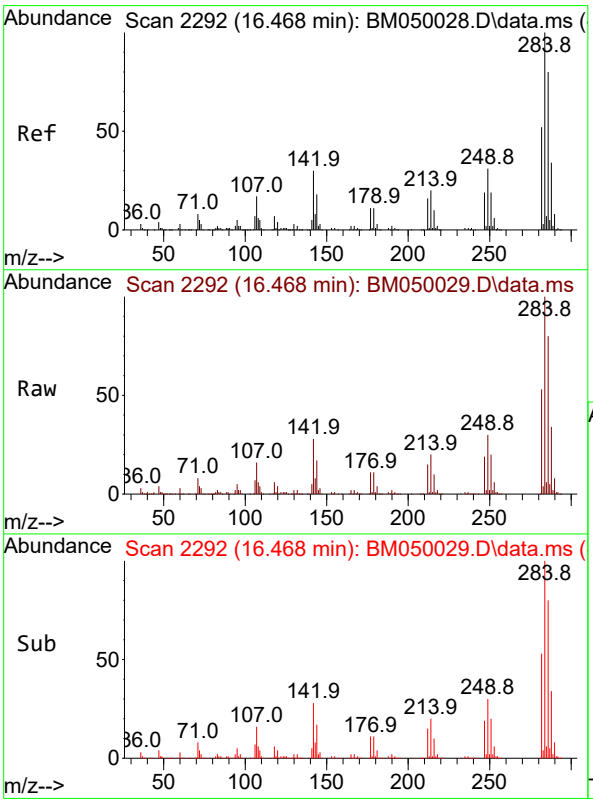
#67
4-Bromophenyl-phenylether
Concen: 53.359 ng
RT: 16.345 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 713498

Ion	Ratio	Lower	Upper
248	100		
250	98.1	76.2	114.2
141	57.6	45.9	68.9

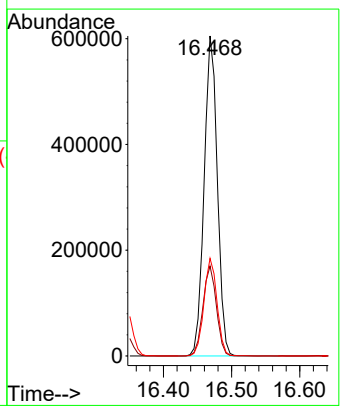


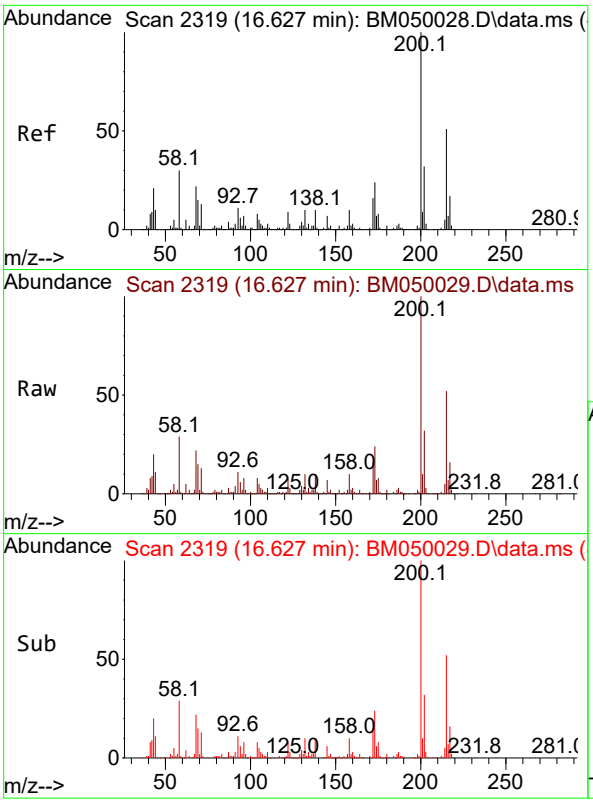


#68
Hexachlorobenzene
Concen: 52.900 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:284 Resp: 815392

Ion	Ratio	Lower	Upper
284	100		
142	28.1	23.9	35.9
249	30.5	24.5	36.7



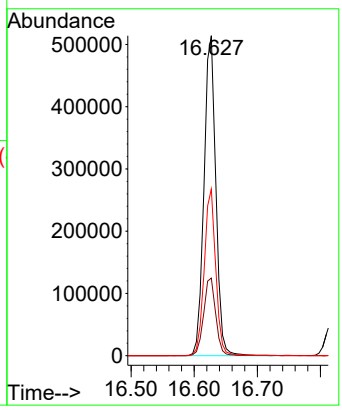


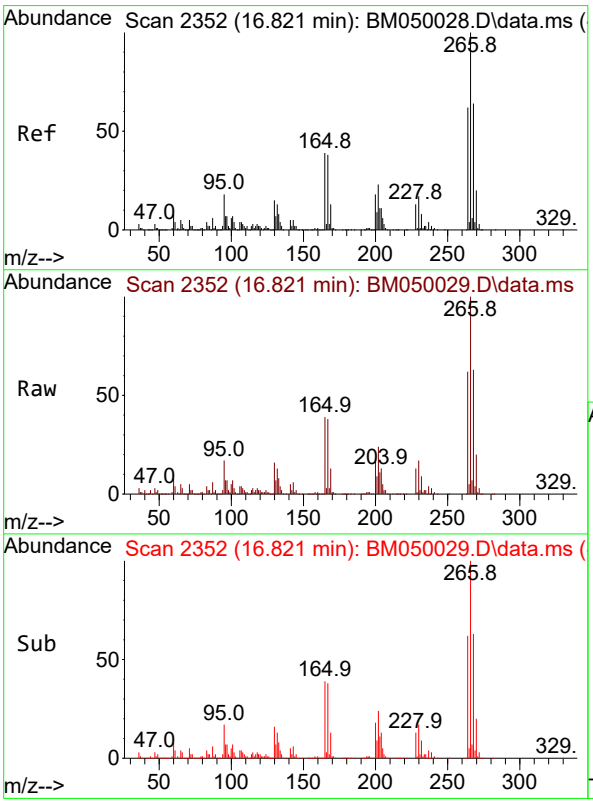
#69
Atrazine
Concen: 54.648 ng
RT: 16.627 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 669330

Ion	Ratio	Lower	Upper
200	100		
173	24.3	4.3	44.3
215	52.1	30.6	70.6

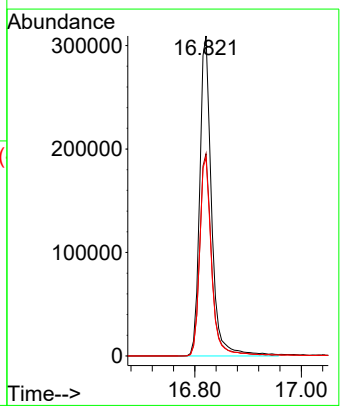


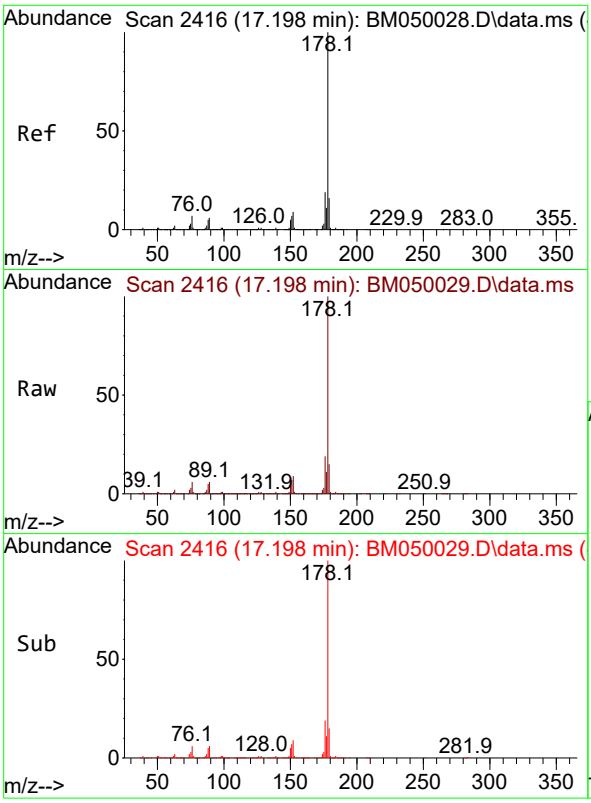


#70
Pentachlorophenol
Concen: 54.830 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:266 Resp: 475717

Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.2	76.8
264	62.0	49.6	74.4



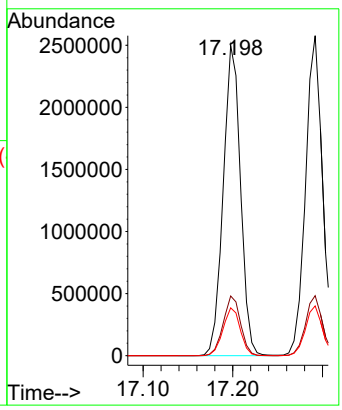


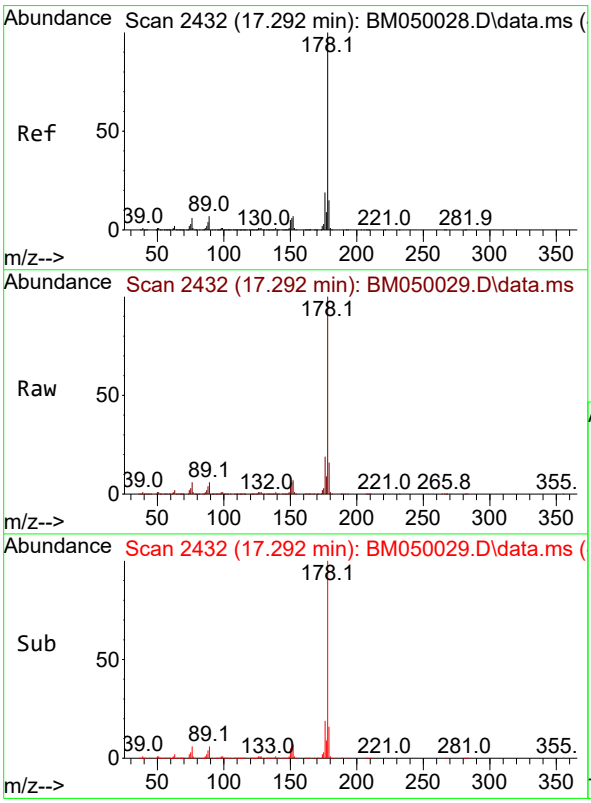
#71
Phenanthrene
Concen: 53.702 ng
RT: 17.198 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 3349195

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.4	12.4	18.6

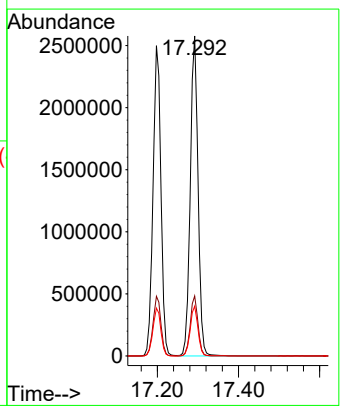


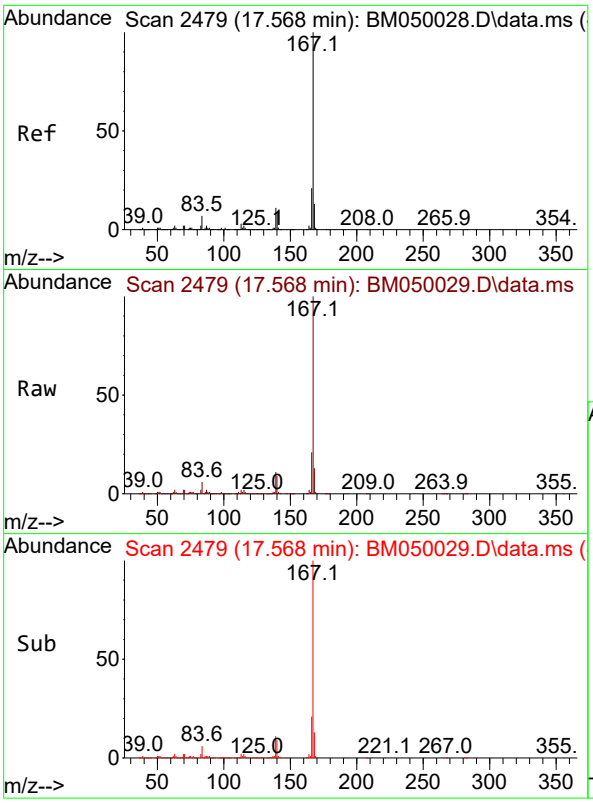


#72
Anthracene
Concen: 54.143 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:178 Resp: 3417239

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.6	12.2	18.4



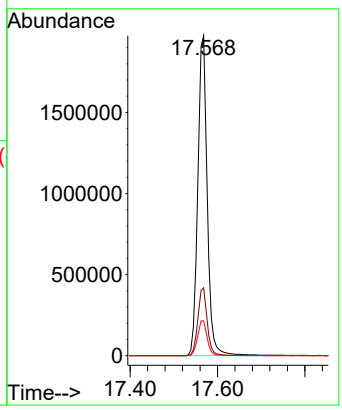


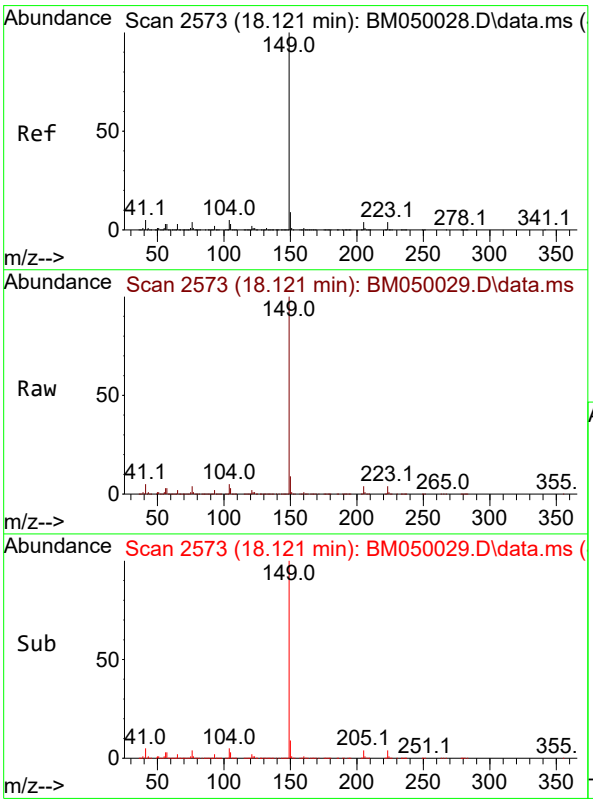
#73
Carbazole
Concen: 54.260 ng
RT: 17.568 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 2971695

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	10.9	9.0	13.6

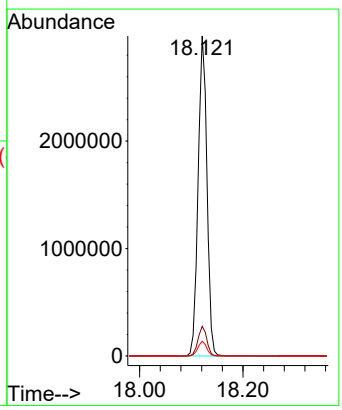


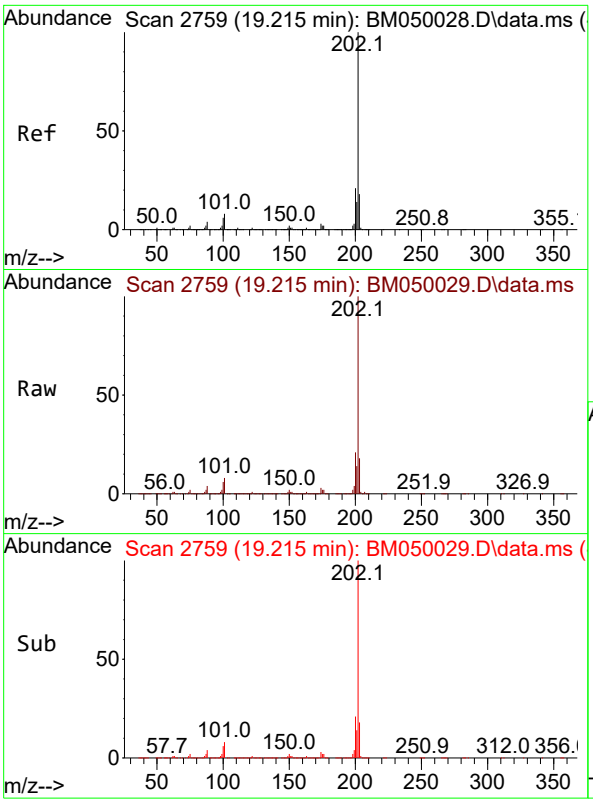


#74
Di-n-butylphthalate
Concen: 54.137 ng
RT: 18.121 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:149 Resp: 3530893

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.6	3.8	5.6



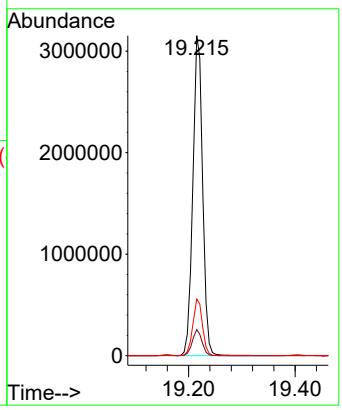


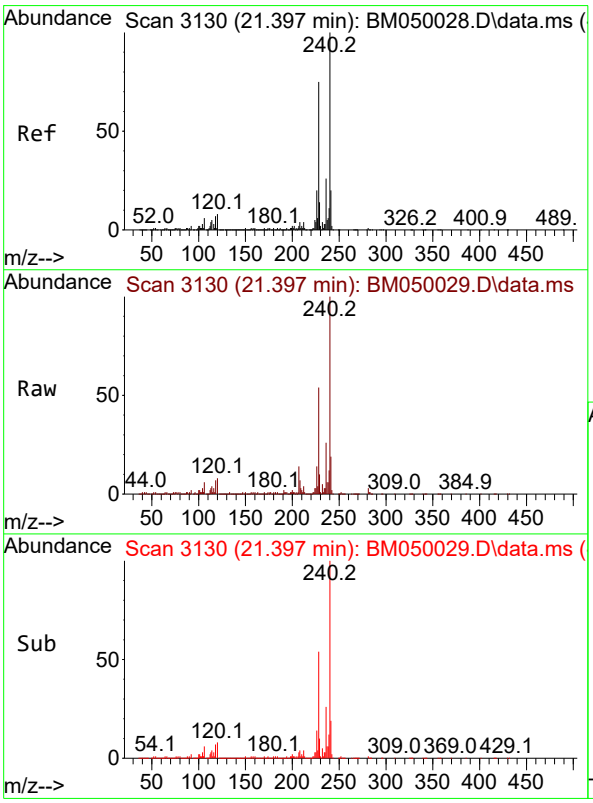
#75
Fluoranthene
Concen: 54.922 ng
RT: 19.215 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 4021516

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	28.0
203	17.7	0.0	37.7

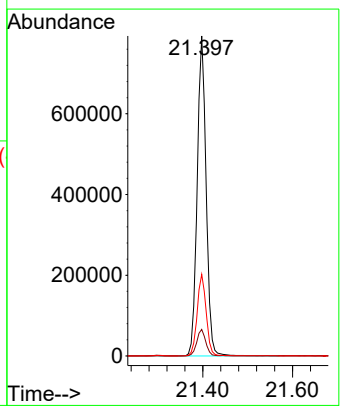


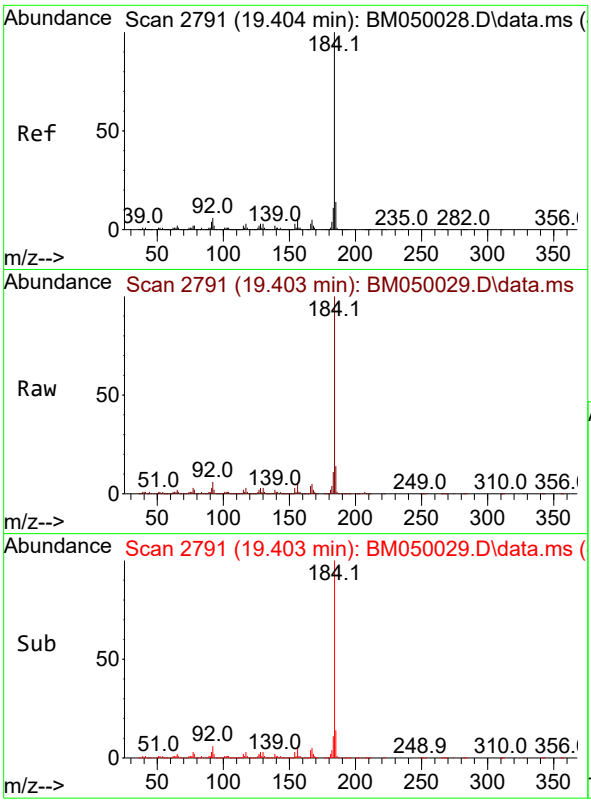


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:240 Resp: 1097646

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.5	9.7
236	25.5	20.9	31.3



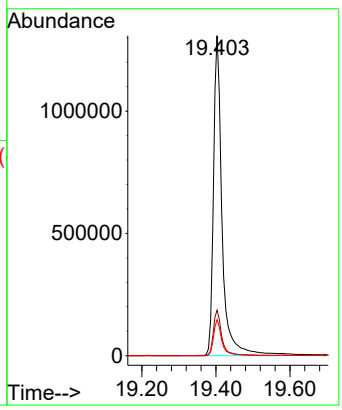


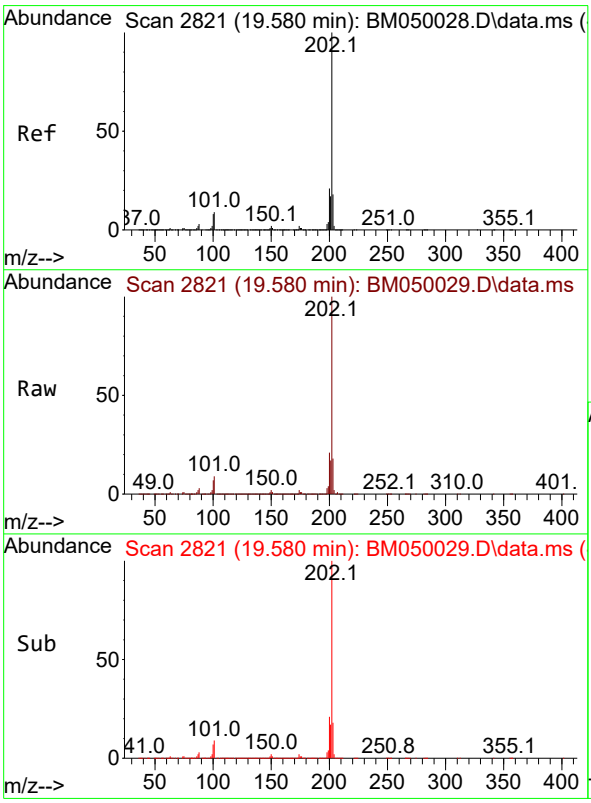
#77
Benzidine
Concen: 54.137 ng
RT: 19.403 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 2110748

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	11.2	8.9	13.3

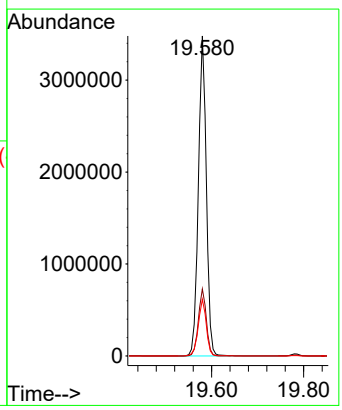


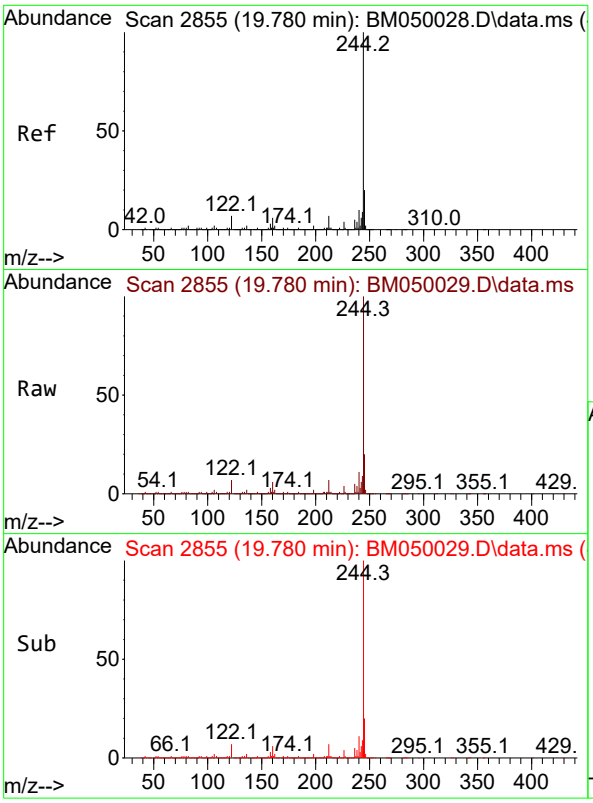


#78
Pyrene
Concen: 54.097 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:202 Resp: 4169831

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.7	14.1	21.1



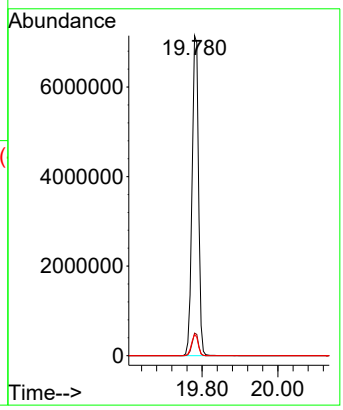


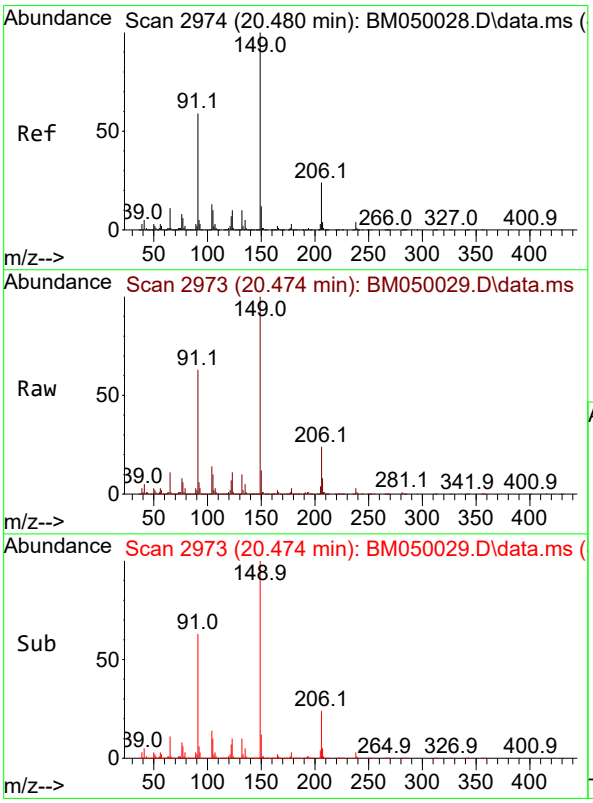
#79
Terphenyl-d14
Concen: 114.020 ng
RT: 19.780 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp: 8457811

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	6.7	5.6	8.4

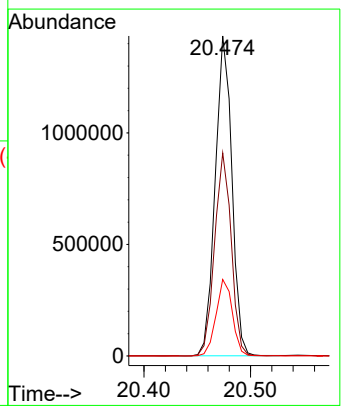


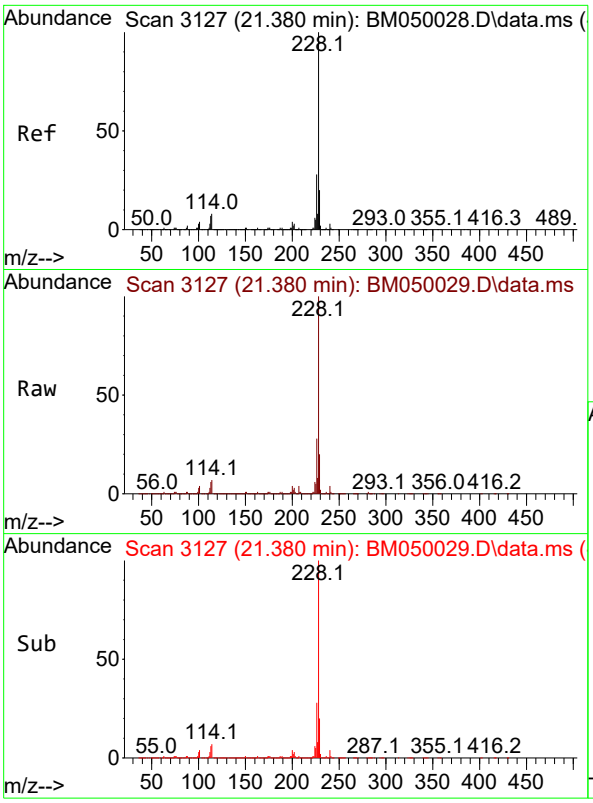


#80
Butylbenzylphthalate
Concen: 53.948 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:149 Resp: 1557463

Ion	Ratio	Lower	Upper
149	100		
91	63.4	47.4	71.2
206	23.9	19.4	29.0



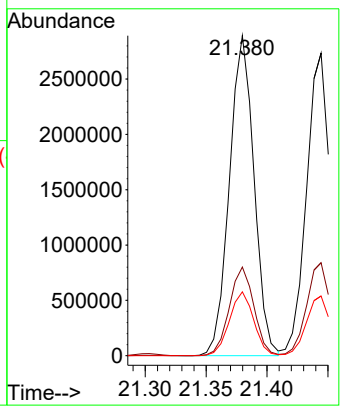


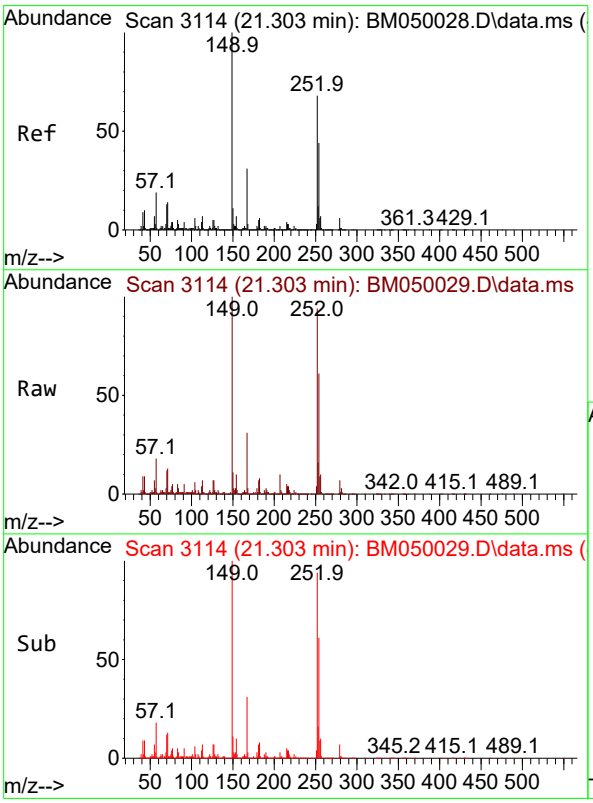
#81
Benzo(a)anthracene
Concen: 53.687 ng
RT: 21.380 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 4058011

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	20.0	15.7	23.5

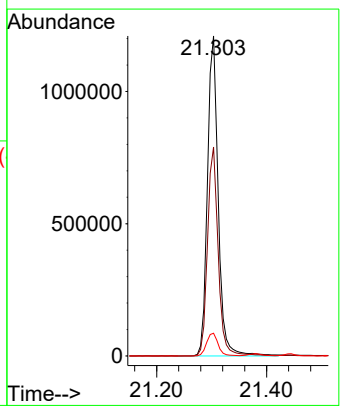


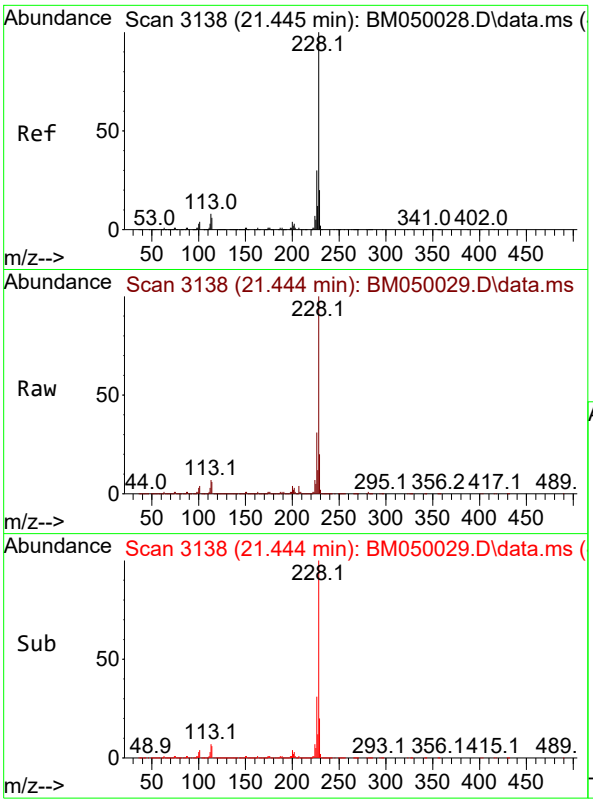


#82
3,3'-Dichlorobenzidine
Concen: 56.659 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:252 Resp: 1639448

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.8	77.6
126	7.1	6.0	9.0



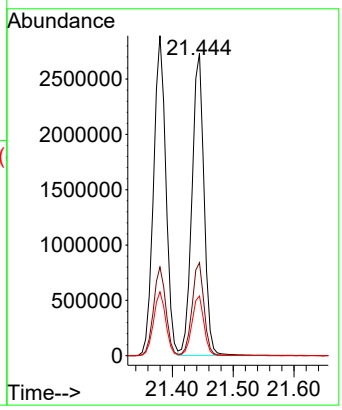


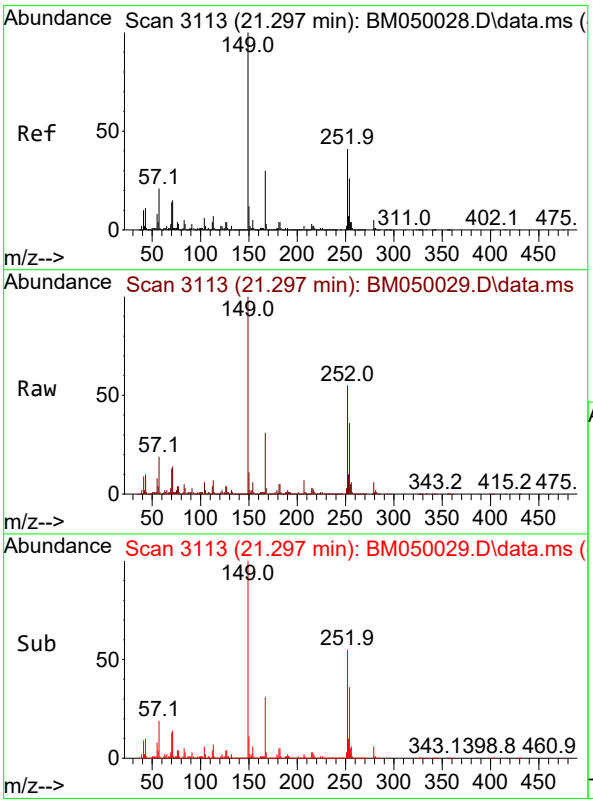
#83
Chrysene
Concen: 53.683 ng
RT: 21.444 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 3755543

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	19.7	15.7	23.5

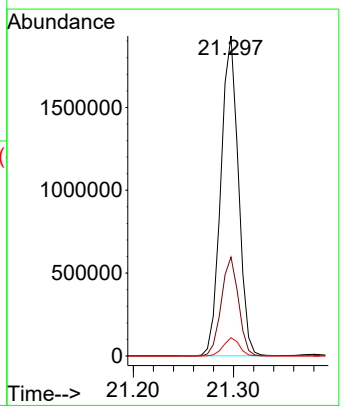


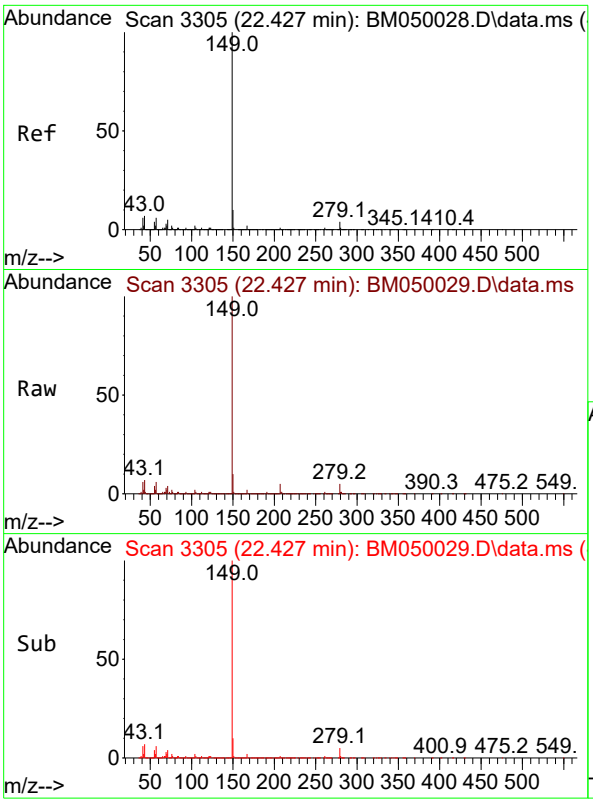


#84
Bis(2-ethylhexyl)phthalate
Concen: 54.194 ng
RT: 21.297 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:149 Resp: 2336926

Ion	Ratio	Lower	Upper
149	100		
167	30.9	24.1	36.1
279	5.7	3.9	5.9



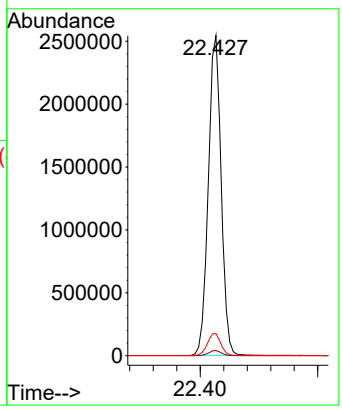


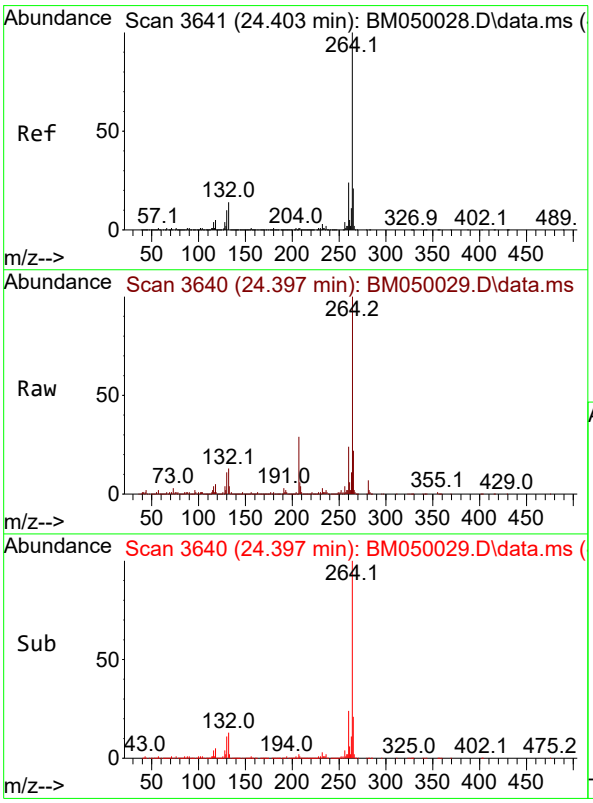
#85
Di-n-octyl phthalate
Concen: 54.170 ng
RT: 22.427 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 3852190

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.2	5.8	8.8

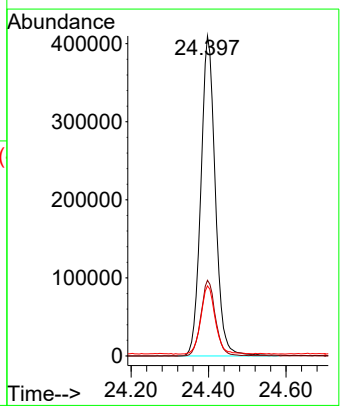


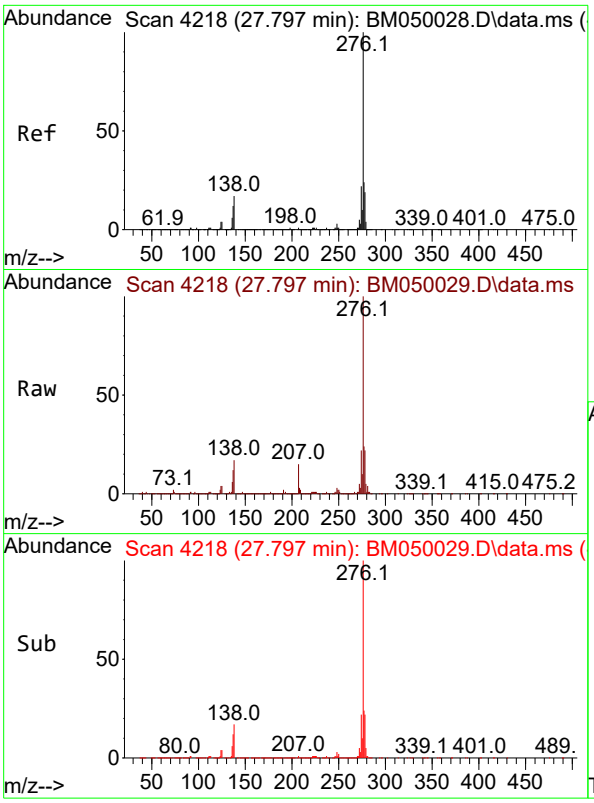


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:264 Resp: 1061511

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.9	17.0	25.4



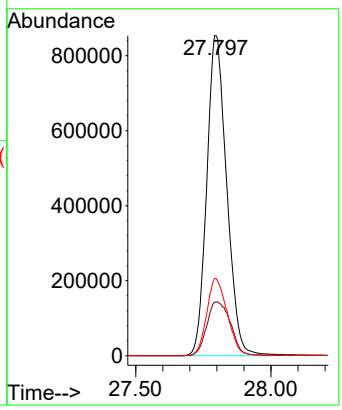


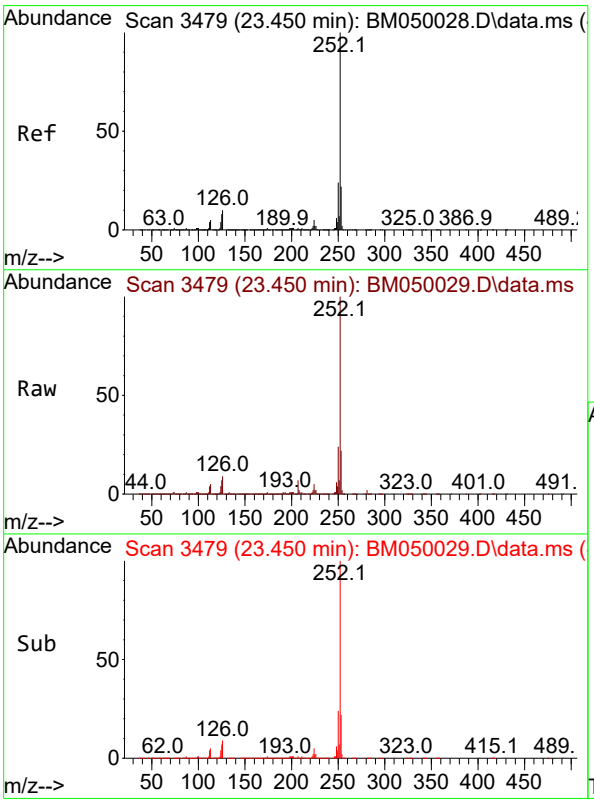
#87
Indeno(1,2,3-cd)pyrene
Concen: 55.240 ng
RT: 27.797 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 4369253

Ion	Ratio	Lower	Upper
276	100		
138	20.1	16.4	24.6
277	24.9	19.8	29.8

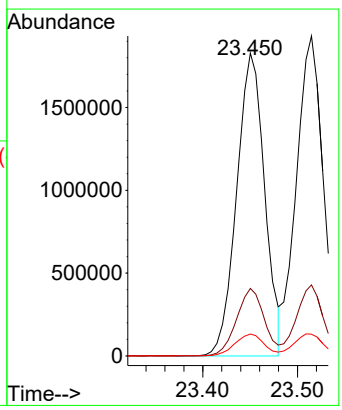


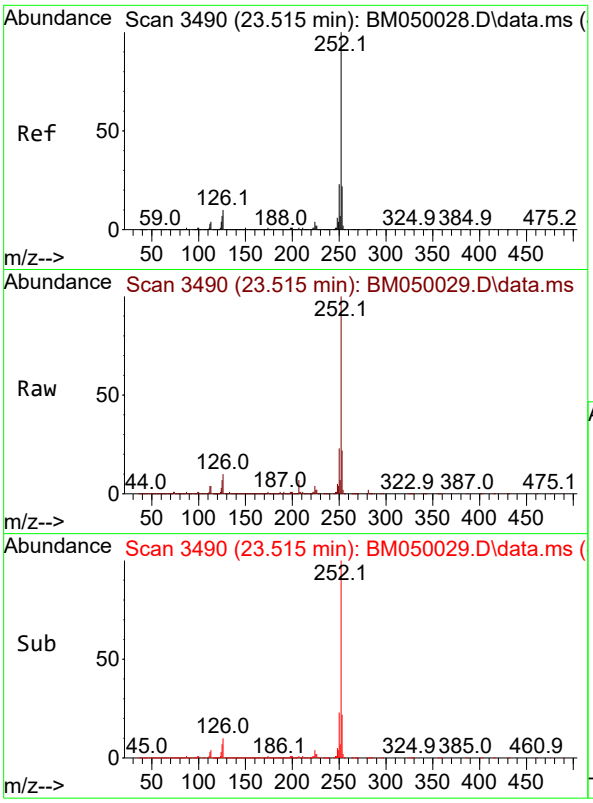


#88
Benzo(b)fluoranthene
Concen: 54.405 ng
RT: 23.450 min Scan# 3479
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:252 Resp: 3755728

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	7.2	6.1	9.1



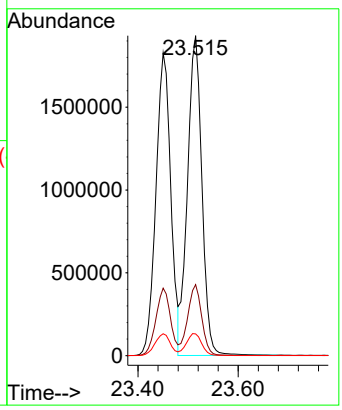


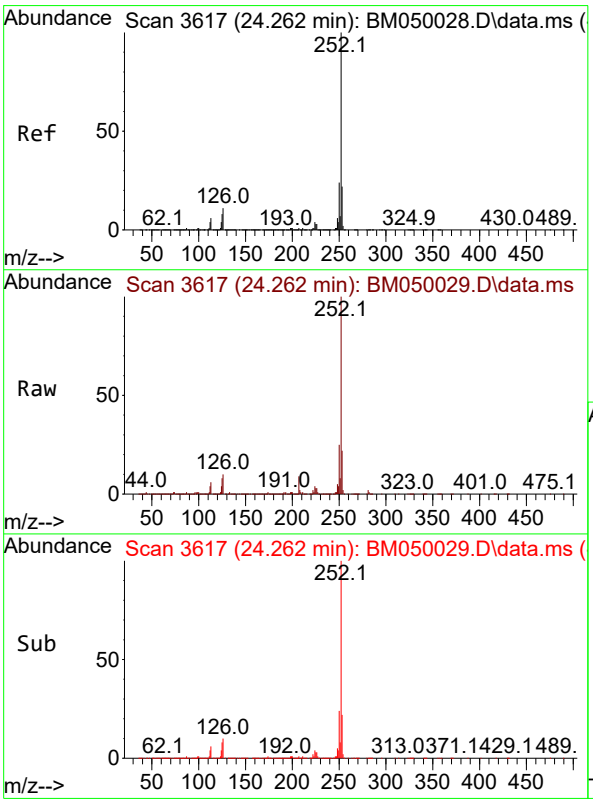
#89
Benzo(k)fluoranthene
Concen: 55.037 ng
RT: 23.515 min Scan# 34
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 3844095

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	6.8	5.8	8.8

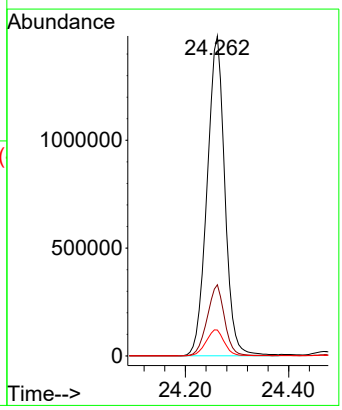


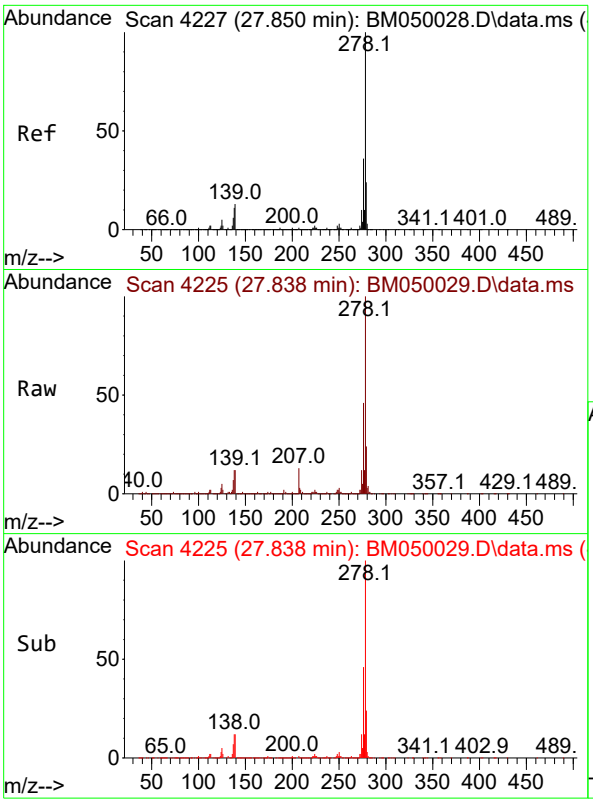


#90
Benzo(a)pyrene
Concen: 54.588 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:252 Resp: 3529489

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	8.1	6.6	9.8



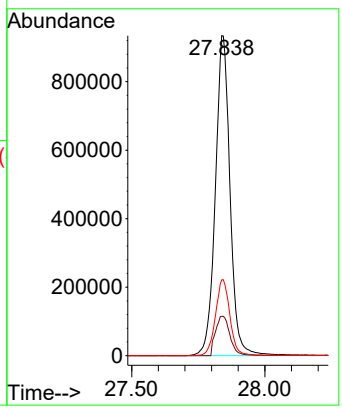


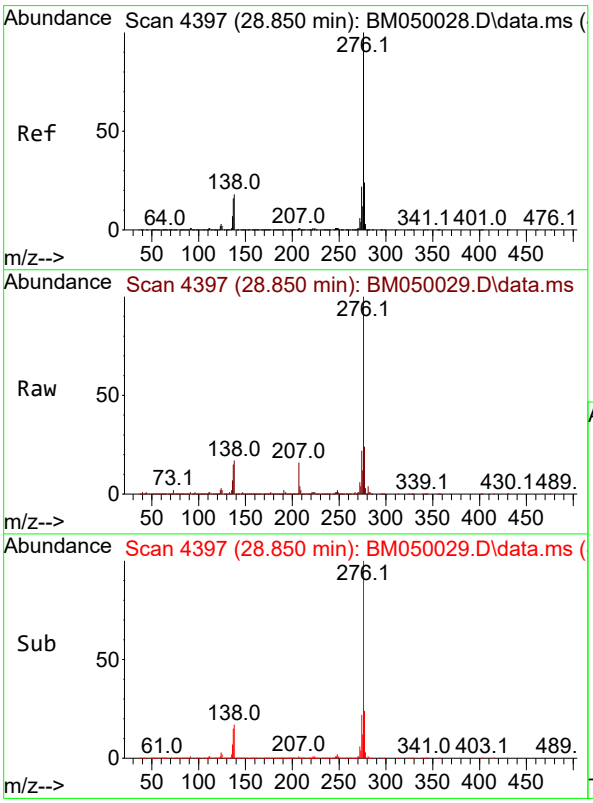
#91
Dibenzo(a,h)anthracene
Concen: 55.448 ng
RT: 27.838 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 3575099

Ion	Ratio	Lower	Upper
278	100		
139	12.3	10.5	15.7
279	23.7	19.4	29.0

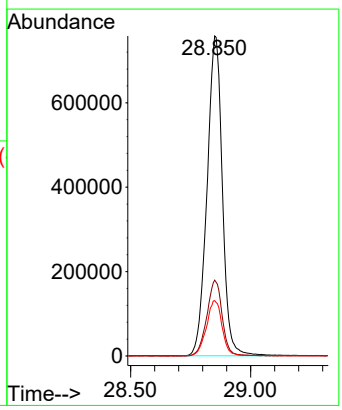




#92
Benzo(g,h,i)perylene
Concen: 54.494 ng
RT: 28.850 min Scan# 4397
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:276 Resp: 3363778

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	17.3	14.3	21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050030.D
Acq On : 28 Apr 2025 16:24
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Apr 28 17:58:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	238160	20.000	ng		0.00
21) Naphthalene-d8	10.563	136	873845	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	580977	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	1144389	20.000	ng		0.00
76) Chrysene-d12	21.398	240	1144881	20.000	ng		0.00
86) Perylene-d12	24.397	264	1099459	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1676078	123.234	ng		0.00
7) Phenol-d6	6.951	99	2135178	124.905	ng		0.00
23) Nitrobenzene-d5	8.928	82	2186546	123.300	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	1107899	128.968	ng		0.00
45) 2-Fluorobiphenyl	13.033	172	6079094	123.782	ng		0.00
79) Terphenyl-d14	19.780	244	10017186	129.471	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	350690	60.136	ng		99
3) Pyridine	3.658	79	923444	61.631	ng		99
4) n-Nitrosodimethylamine	3.563	42	360090	61.276	ng		98
6) Aniline	7.098	93	1339587	62.058	ng		100
8) 2-Chlorophenol	7.340	128	905849	61.600	ng		99
9) Benzaldehyde	6.910	77	683177	59.793	ng		99
10) Phenol	6.981	94	1072175	61.956	ng		99
11) bis(2-Chloroethyl)ether	7.193	93	880705	60.947	ng		100
12) 1,3-Dichlorobenzene	7.657	146	1077725	60.670	ng		99
13) 1,4-Dichlorobenzene	7.804	146	1083367	60.707	ng		99
14) 1,2-Dichlorobenzene	8.122	146	1046214	60.691	ng		98
15) Benzyl Alcohol	8.016	79	750490	63.306	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.293	45	1052561	59.922	ng		100
17) 2-Methylphenol	8.228	107	705836	61.914	ng		99
18) Hexachloroethane	8.845	117	380742	60.018	ng		99
19) n-Nitroso-di-n-propyla...	8.575	70	678107	61.851	ng		100
20) 3+4-Methylphenols	8.551	107	964063	62.619	ng		97
22) Acetophenone	8.592	105	1325893	61.030	ng	#	99
24) Nitrobenzene	8.969	77	938300	61.193	ng		99
25) Isophorone	9.498	82	1845274	61.044	ng		99
26) 2-Nitrophenol	9.681	139	504441	64.395	ng		99
27) 2,4-Dimethylphenol	9.751	122	816717	62.869	ng		98
28) bis(2-Chloroethoxy)met...	9.975	93	1138921	60.958	ng		100
29) 2,4-Dichlorophenol	10.228	162	920741	63.266	ng		98
30) 1,2,4-Trichlorobenzene	10.428	180	1079970	60.907	ng		100
31) Naphthalene	10.610	128	2682942	60.626	ng		100
32) Benzoic acid	9.928	122	556598	67.178	ng		98
33) 4-Chloroaniline	10.728	127	1146085	63.184	ng		99
34) Hexachlorobutadiene	10.898	225	689159	61.230	ng		99
35) Caprolactam	11.528	113	266678	62.845	ng		98
36) 4-Chloro-3-methylphenol	11.869	107	832050	61.882	ng		100
37) 2-Methylnaphthalene	12.228	142	1815345	61.185	ng		99
38) 1-Methylnaphthalene	12.445	142	1916000	61.021	ng		100
40) 1,2,4,5-Tetrachloroben...	12.598	216	1264090	62.853	ng		100
41) Hexachlorocyclopentadiene	12.580	237	814238	66.248	ng		99
43) 2,4,6-Trichlorophenol	12.851	196	814256	63.832	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050030.D
Acq On : 28 Apr 2025 16:24
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Apr 28 17:58:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

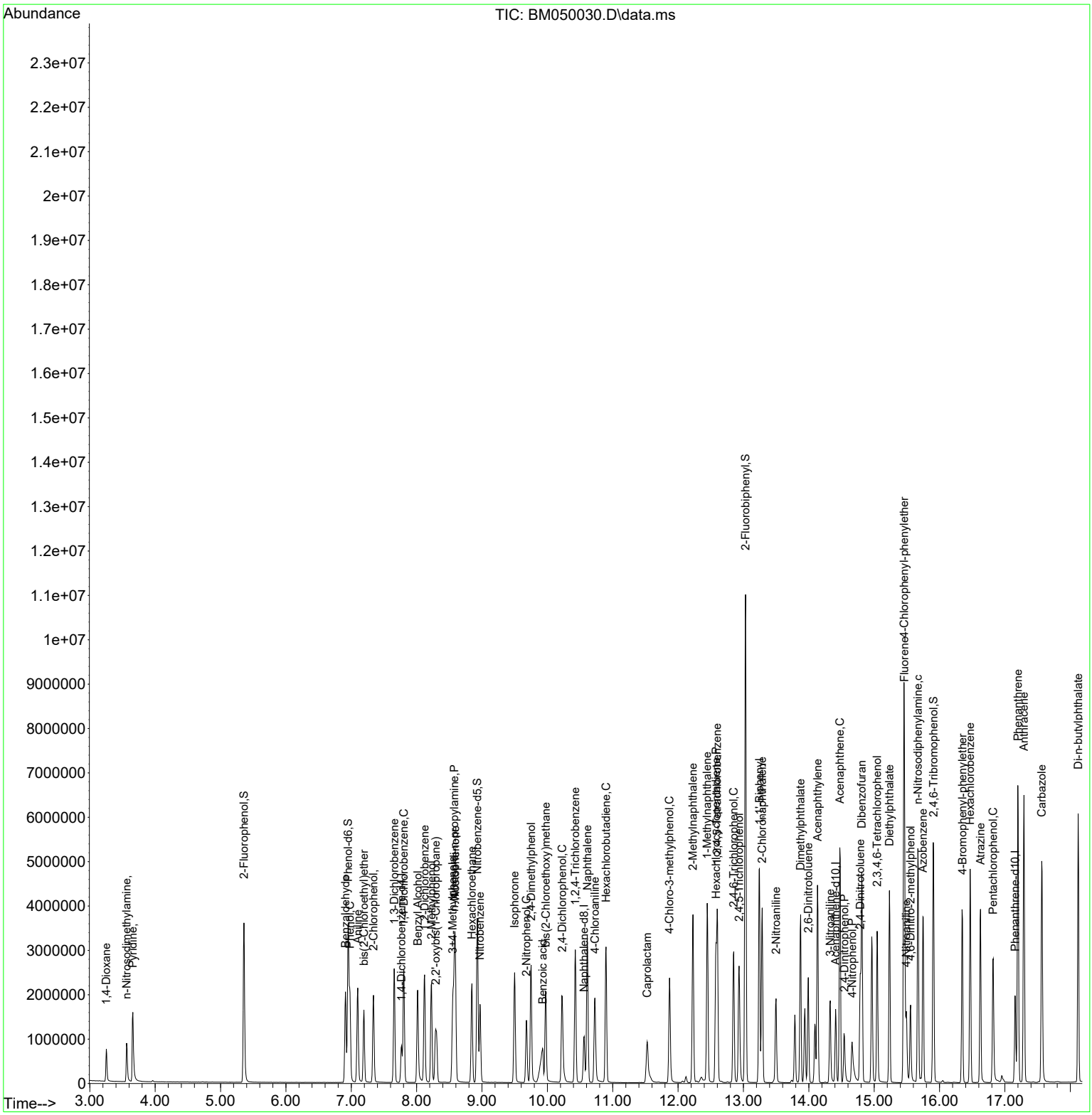
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	872921	63.459	ng		99
46) 1,1'-Biphenyl	13.245	154	2626494	60.817	ng		99
47) 2-Chloronaphthalene	13.286	162	2078242	60.760	ng		100
48) 2-Nitroaniline	13.498	65	512544	63.847	ng		99
49) Acenaphthylene	14.133	152	3292902	61.060	ng		100
50) Dimethylphthalate	13.874	163	2562233	60.347	ng		100
51) 2,6-Dinitrotoluene	13.992	165	551466	62.732	ng		99
52) Acenaphthene	14.474	154	1906973	61.089	ng		100
53) 3-Nitroaniline	14.327	138	541960	64.574	ng		99
54) 2,4-Dinitrophenol	14.545	184	327924	59.847	ng		97
55) Dibenzofuran	14.810	168	3154566	60.738	ng		100
56) 4-Nitrophenol	14.663	139	402106	60.088	ng		99
57) 2,4-Dinitrotoluene	14.786	165	779604	64.180	ng		98
58) Fluorene	15.463	166	2614340	61.497	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	752680	63.213	ng		98
60) Diethylphthalate	15.233	149	2397624	59.930	ng		99
61) 4-Chlorophenyl-phenyle...	15.457	204	1457099	62.403	ng		98
62) 4-Nitroaniline	15.492	138	524887	64.776	ng		98
63) Azobenzene	15.745	77	2030208	60.550	ng		99
65) 4,6-Dinitro-2-methylph...	15.557	198	473987	66.167	ng		98
66) n-Nitrosodiphenylamine	15.668	169	2158446	61.422	ng		100
67) 4-Bromophenyl-phenylether	16.351	248	878886	63.509	ng		95
68) Hexachlorobenzene	16.468	284	1000366	62.711	ng		97
69) Atrazine	16.627	200	802538	63.312	ng		99
70) Pentachlorophenol	16.821	266	584874	65.136	ng		99
71) Phenanthrene	17.198	178	4028280	62.410	ng		99
72) Anthracene	17.292	178	4088295	62.590	ng		100
73) Carbazole	17.562	167	3562573	62.854	ng		100
74) Di-n-butylphthalate	18.121	149	4225922	62.607	ng		100
75) Fluoranthene	19.215	202	4891273	64.546	ng		100
77) Benzidine	19.404	184	2626747	64.592	ng		100
78) Pyrene	19.580	202	5030035	62.565	ng		100
80) Butylbenzylphthalate	20.474	149	1873444	62.216	ng		96
81) Benzo(a)anthracene	21.380	228	4954357	62.841	ng		99
82) 3,3'-Dichlorobenzidine	21.303	252	2003019	66.368	ng		99
83) Chrysene	21.445	228	4549388	62.348	ng		99
84) Bis(2-ethylhexyl)phtha...	21.298	149	2797195	62.192	ng	#	97
85) Di-n-octyl phthalate	22.427	149	4605837	62.095	ng		100
87) Indeno(1,2,3-cd)pyrene	27.797	276	5248662	64.068	ng		99
88) Benzo(b)fluoranthene	23.456	252	4643026	64.936	ng		99
89) Benzo(k)fluoranthene	23.515	252	4561134	63.050	ng		100
90) Benzo(a)pyrene	24.262	252	4281665	63.936	ng		100
91) Dibenzo(a,h)anthracene	27.850	278	4305928	64.478	ng		99
92) Benzo(g,h,i)perylene	28.850	276	4036958	63.142	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050030.D
Acq On : 28 Apr 2025 16:24
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Apr 28 17:58:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration



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Acq On : 28 Apr 2025 16:24
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Apr 28 17:58:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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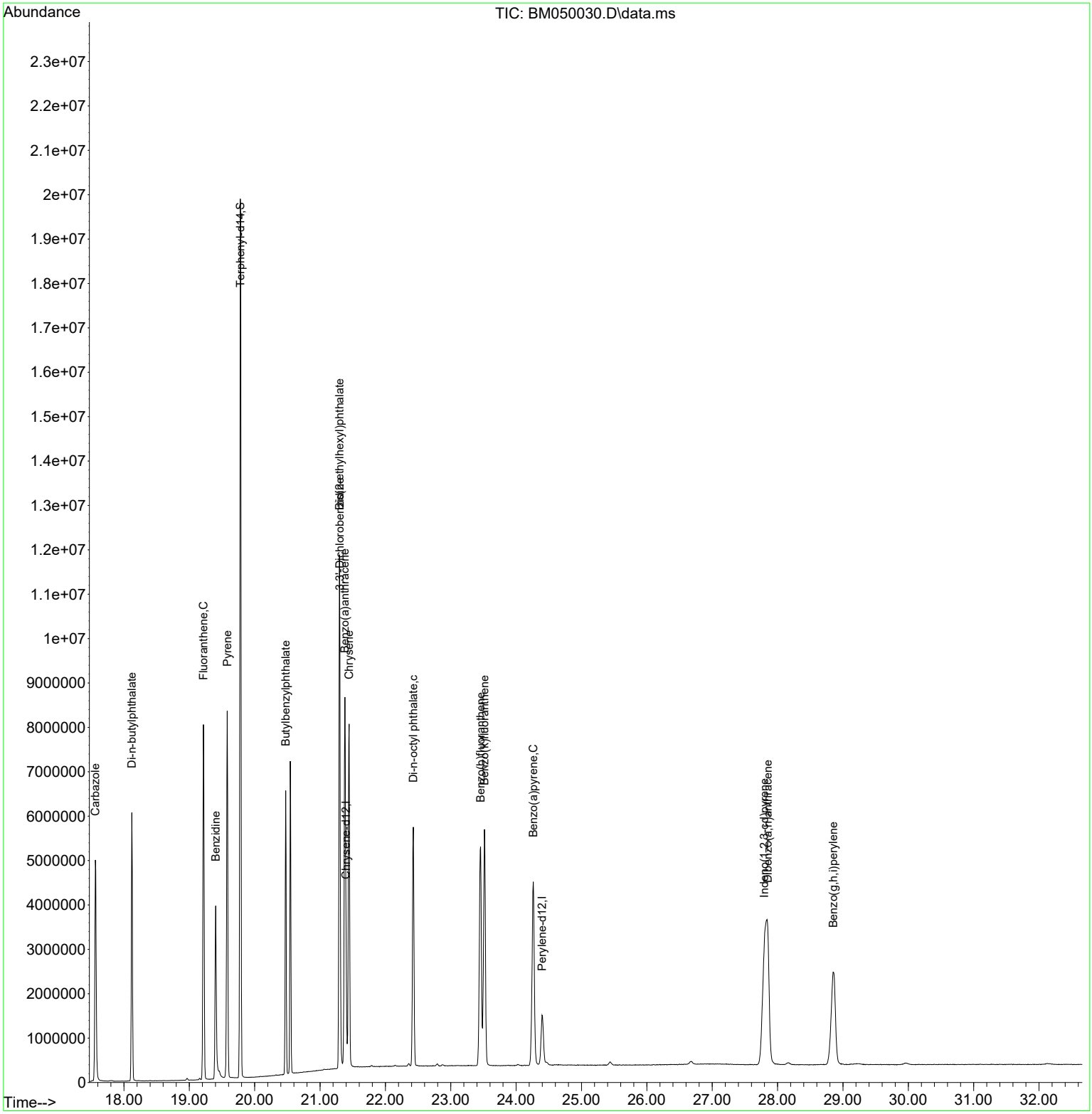
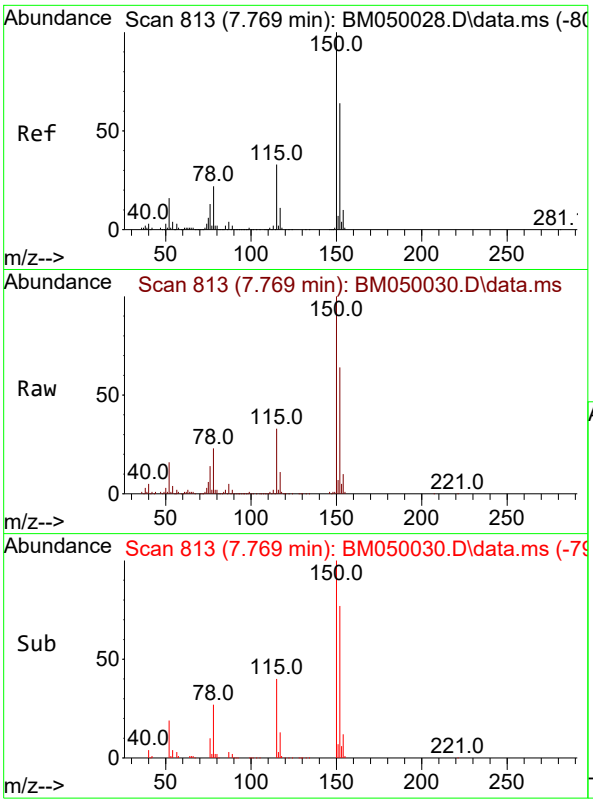
Response via : Initial Calibration



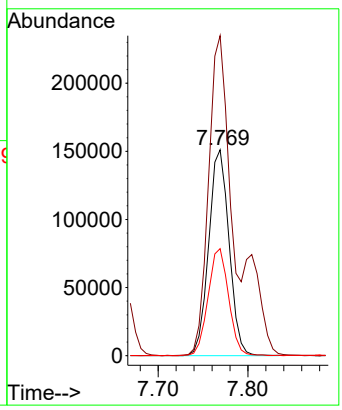


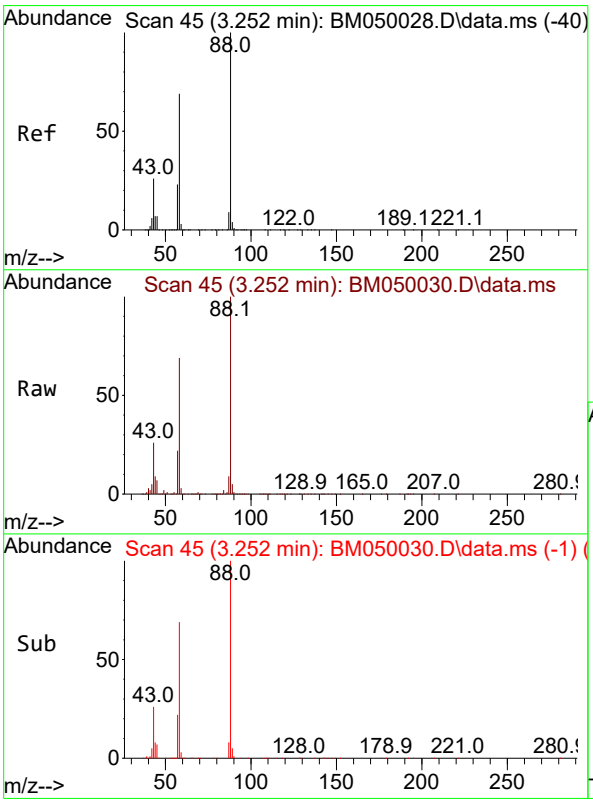
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 238160

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.1	186.1
115	52.0	41.2	61.8

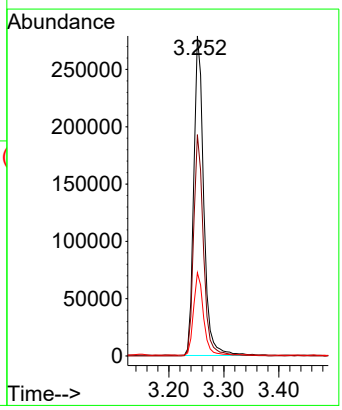


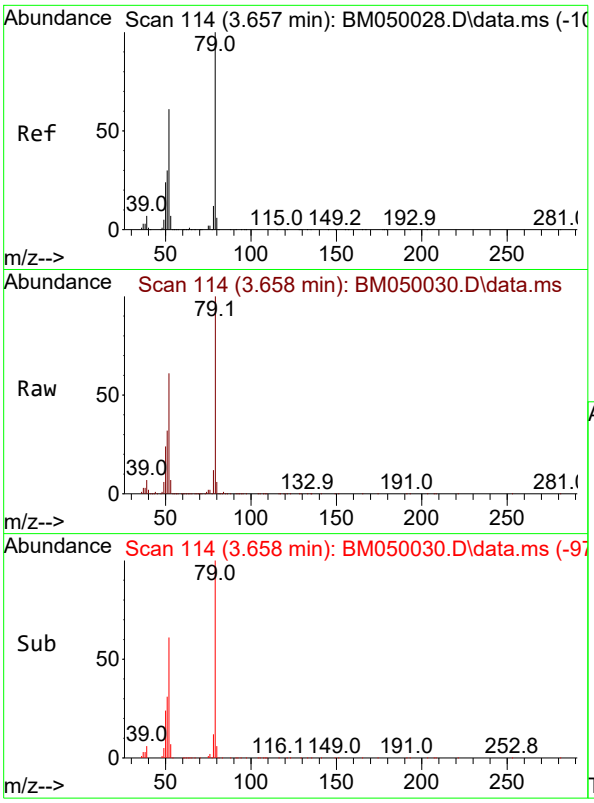


#2
1,4-Dioxane
Concen: 60.136 ng
RT: 3.252 min Scan# 45
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 88 Resp: 350690

Ion	Ratio	Lower	Upper
88	100		
58	68.4	55.1	82.7
43	25.4	20.9	31.3



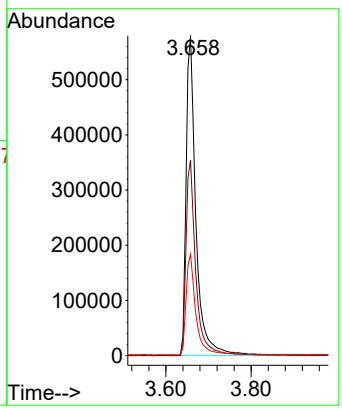


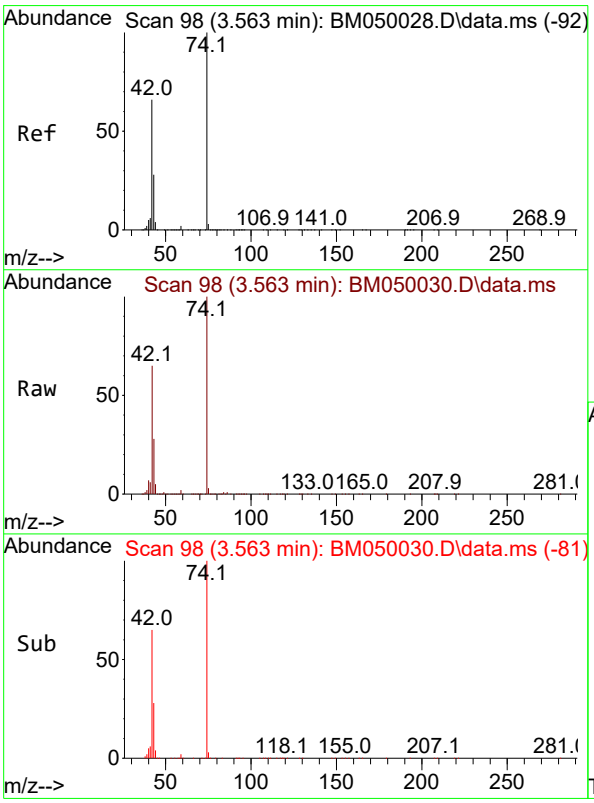
#3
Pyridine
Concen: 61.631 ng
RT: 3.658 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 923444

Ion	Ratio	Lower	Upper
79	100		
52	61.2	48.6	72.8
51	31.7	24.6	37.0

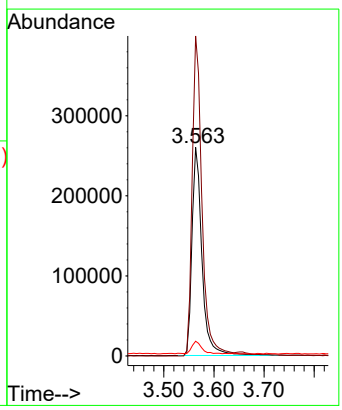


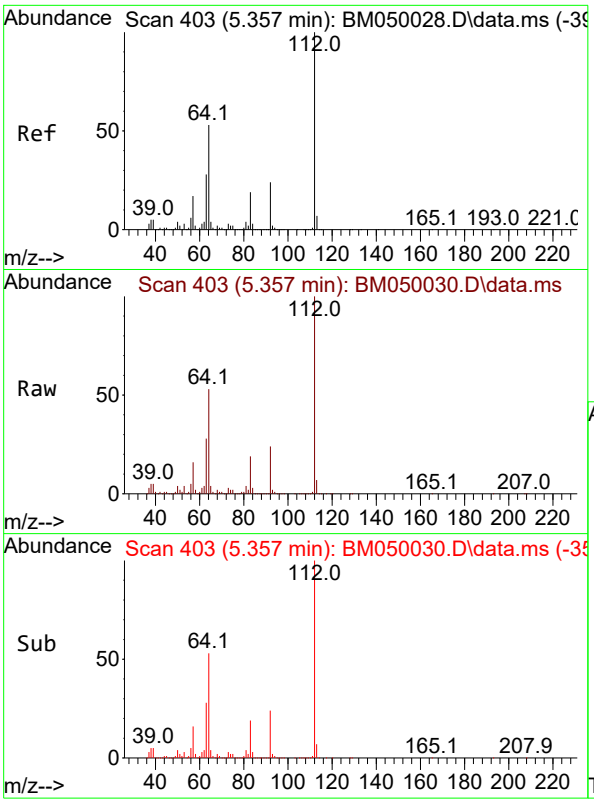


#4
n-Nitrosodimethylamine
Concen: 61.276 ng
RT: 3.563 min Scan# 98
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 42 Resp: 360090

Ion	Ratio	Lower	Upper
42	100		
74	153.4	120.2	180.2
44	7.1	6.2	9.2



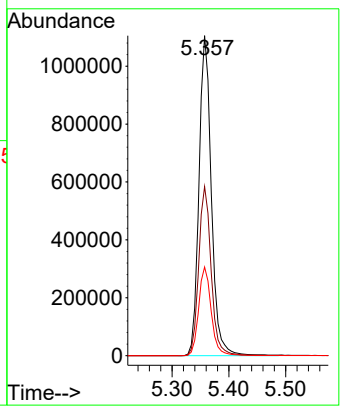


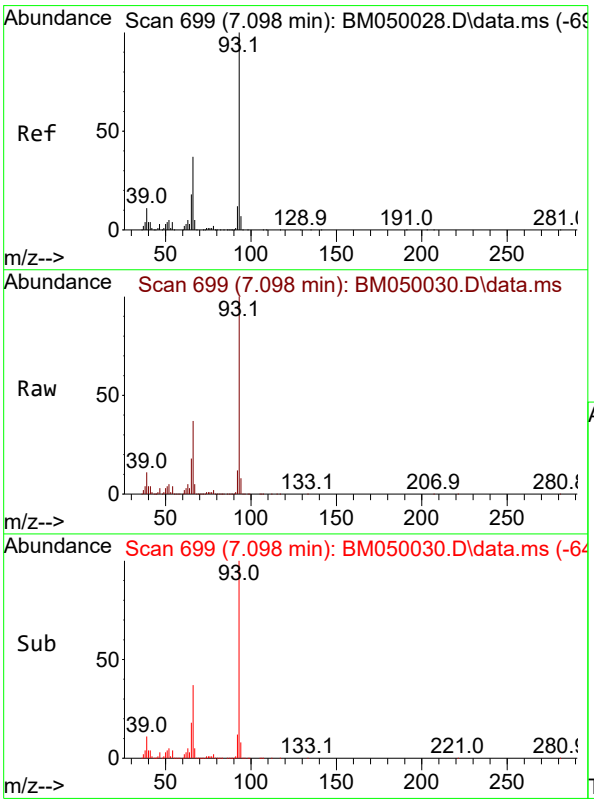
#5
2-Fluorophenol
Concen: 123.234 ng
RT: 5.357 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 1676078

Ion	Ratio	Lower	Upper
112	100		
64	52.8	42.6	64.0
63	27.7	22.2	33.4

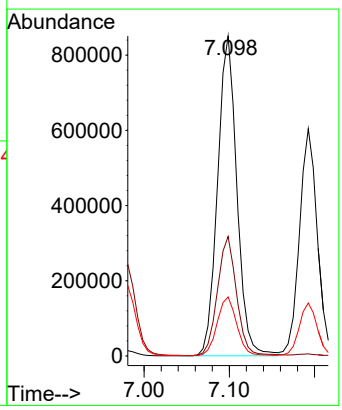


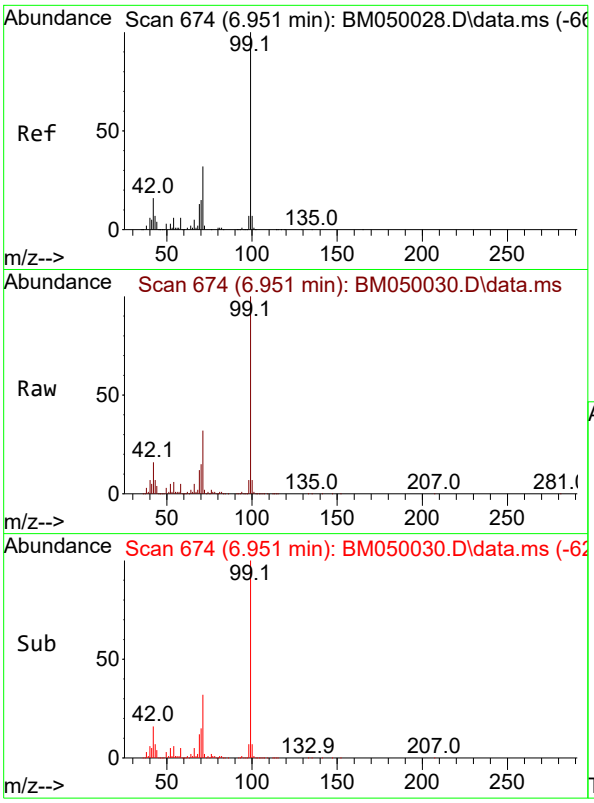


#6
Aniline
Concen: 62.058 ng
RT: 7.098 min Scan# 699
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 93 Resp: 1339587

Ion	Ratio	Lower	Upper
93	100		
66	37.4	29.9	44.9
65	18.5	14.5	21.7



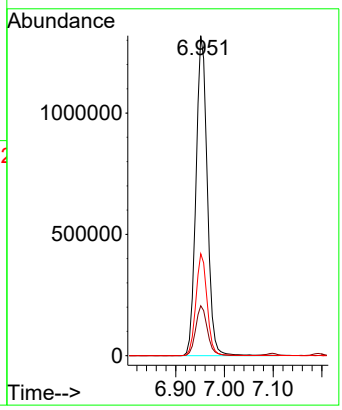


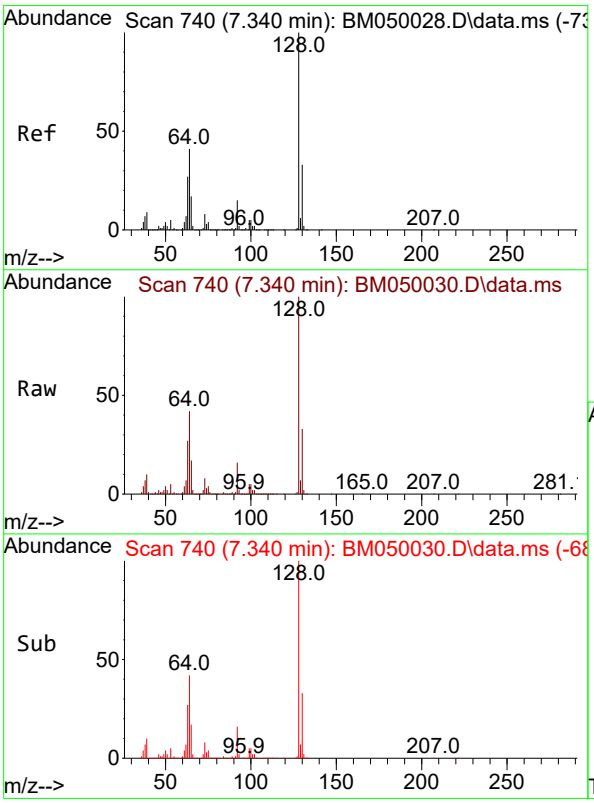
#7
Phenol-d6
Concen: 124.905 ng
RT: 6.951 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 2135178

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.0	19.4
71	31.8	25.6	38.4

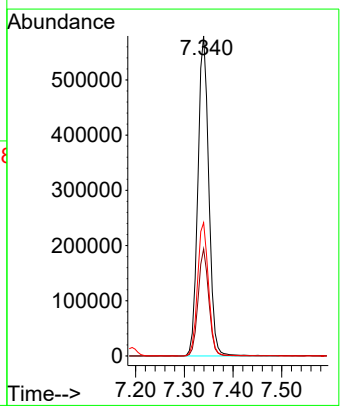


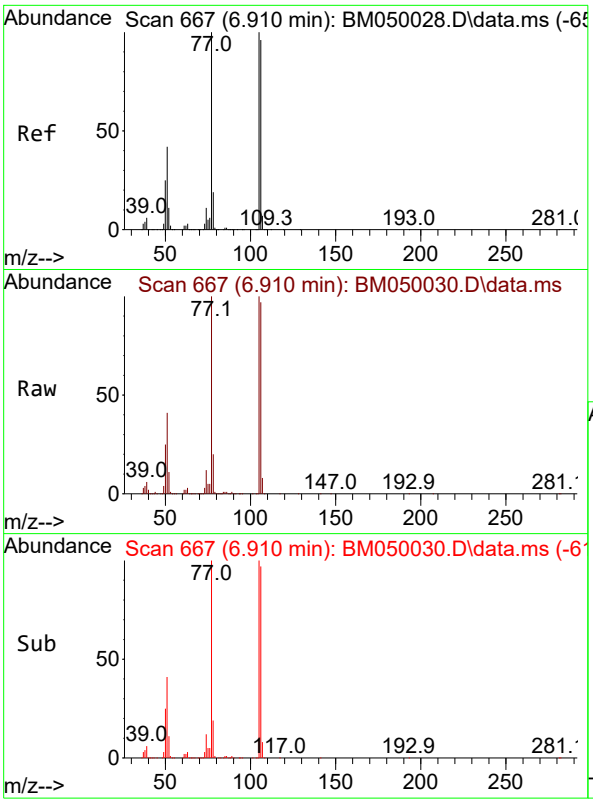


#8
2-Chlorophenol
Concen: 61.600 ng
RT: 7.340 min Scan# 740
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:128 Resp: 905849

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.8	52.8
64	41.7	21.2	61.2



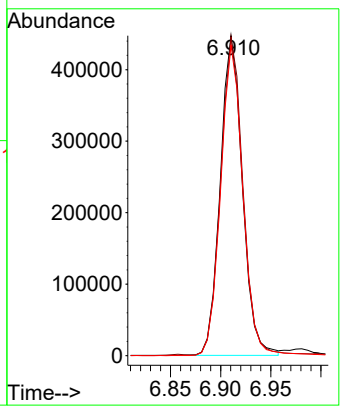


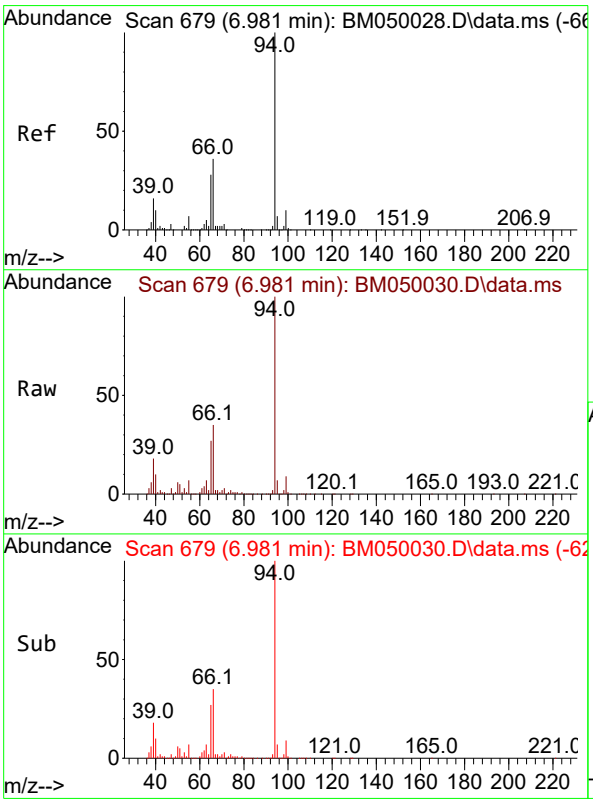
#9
Benzaldehyde
Concen: 59.793 ng
RT: 6.910 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 683177

Ion	Ratio	Lower	Upper
77	100		
105	99.6	80.5	120.5
106	97.1	76.1	116.1

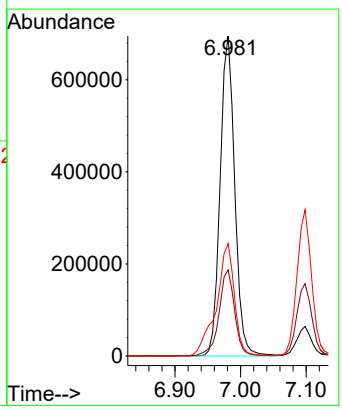


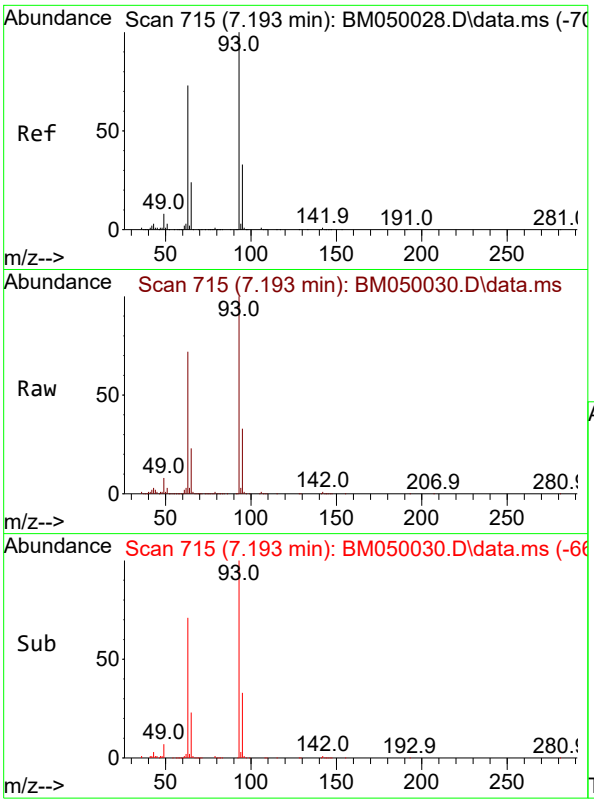


#10
Phenol
Concen: 61.956 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 94 Resp: 1072175

Ion	Ratio	Lower	Upper
94	100		
65	26.9	7.6	47.6
66	35.1	15.8	55.8



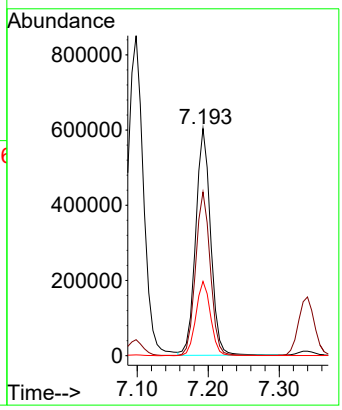


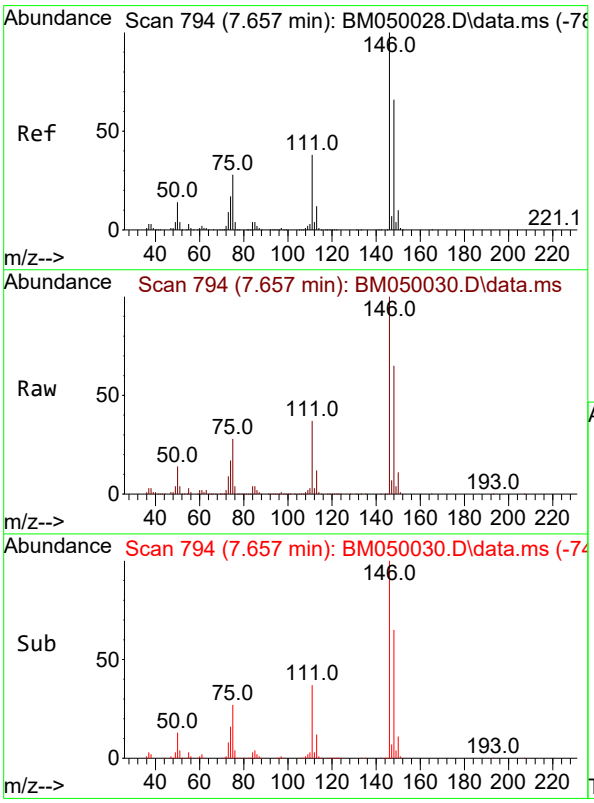
#11
bis(2-Chloroethyl)ether
Concen: 60.947 ng
RT: 7.193 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 880705

Ion	Ratio	Lower	Upper
93	100		
63	72.0	52.3	92.3
95	32.7	12.8	52.8

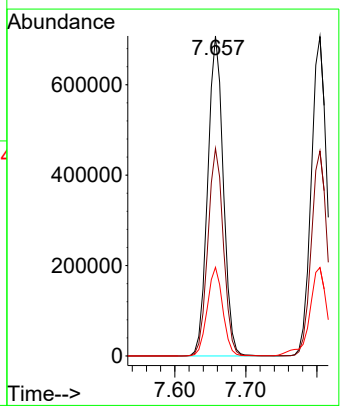


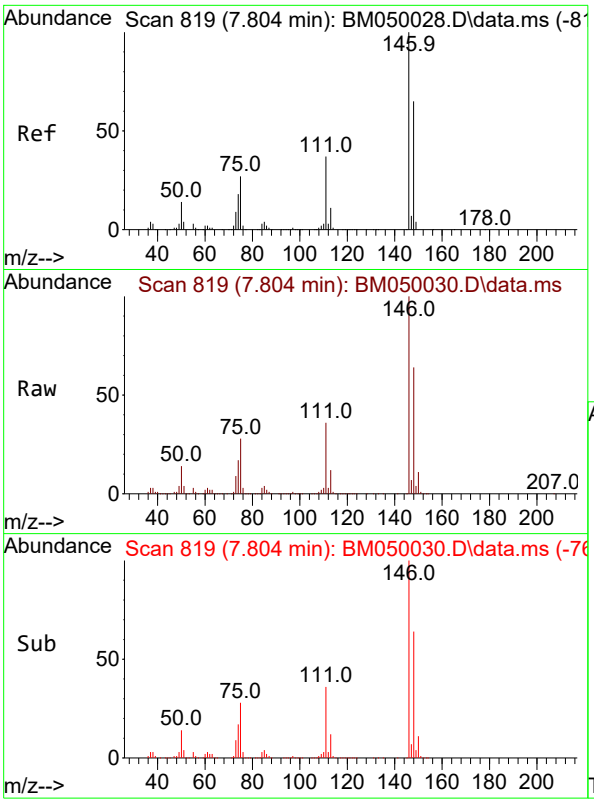


#12
1,3-Dichlorobenzene
Concen: 60.670 ng
RT: 7.657 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:146 Resp: 1077725

Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.5	78.7
75	27.7	22.6	34.0



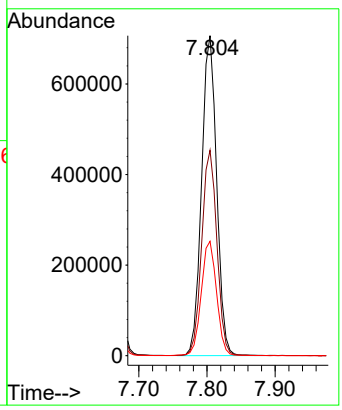


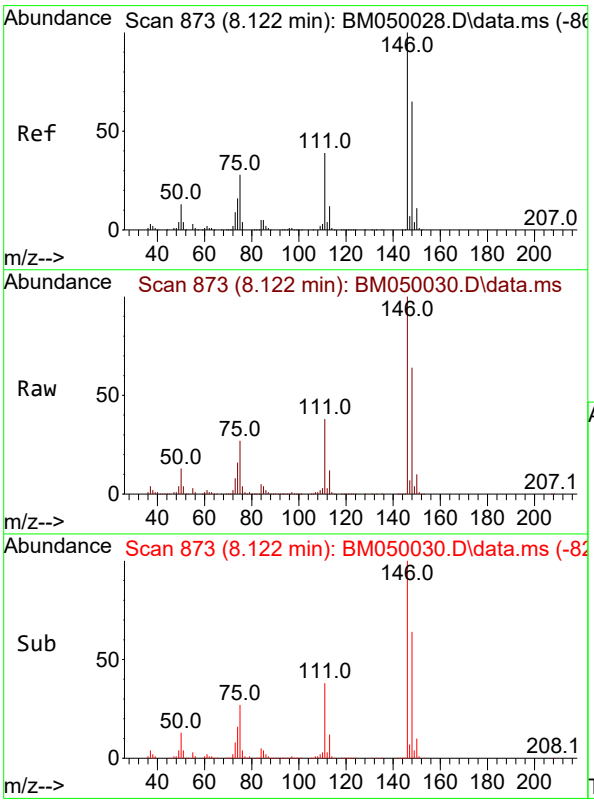
#13
1,4-Dichlorobenzene
Concen: 60.707 ng
RT: 7.804 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 1083367

Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
111	35.7	29.3	43.9

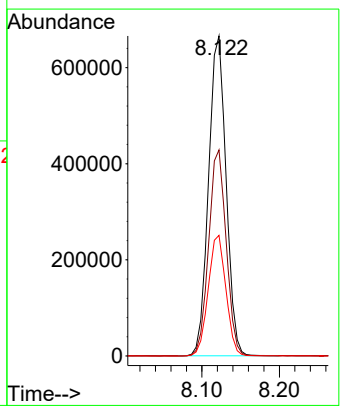


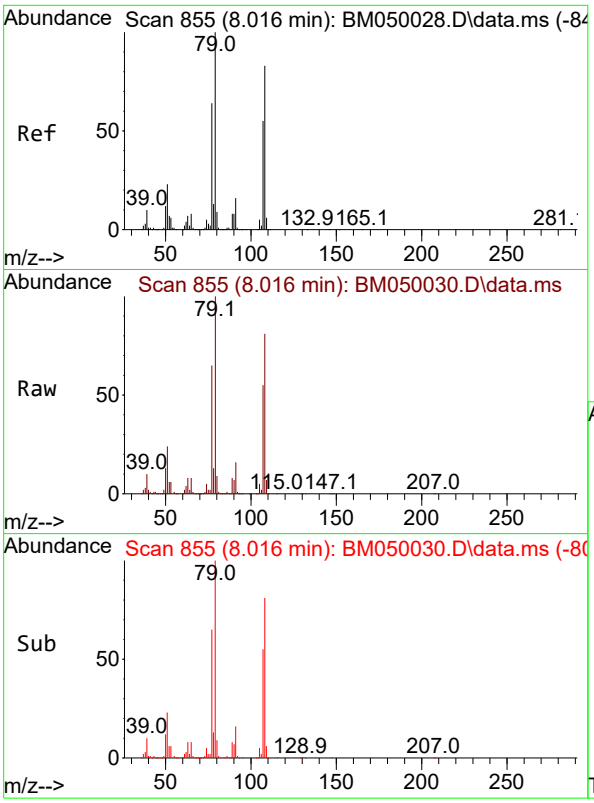


#14
1,2-Dichlorobenzene
Concen: 60.691 ng
RT: 8.122 min Scan# 873
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:146 Resp: 1046214

Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.4	78.6
111	37.7	31.0	46.6



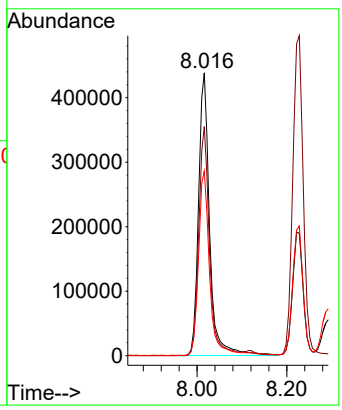


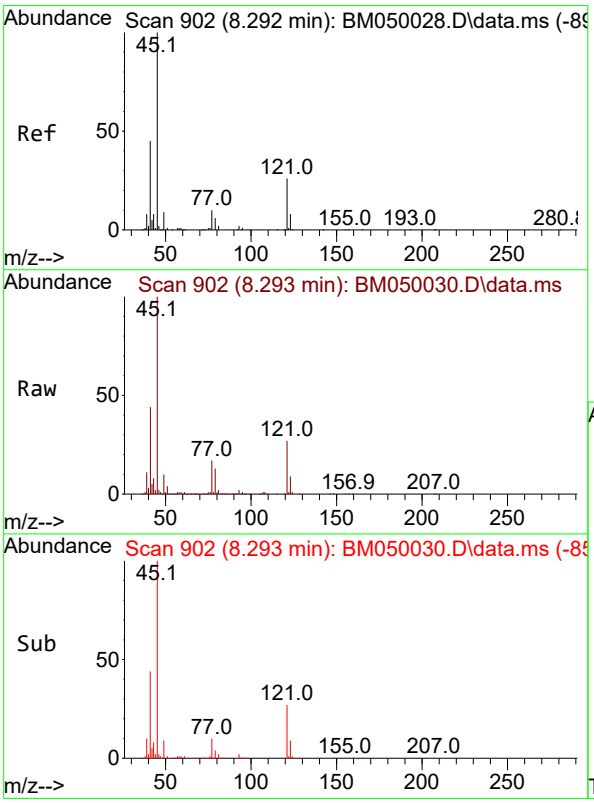
#15
Benzyl Alcohol
Concen: 63.306 ng
RT: 8.016 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 750490

Ion	Ratio	Lower	Upper
79	100		
108	81.0	66.0	99.0
77	65.3	51.6	77.4

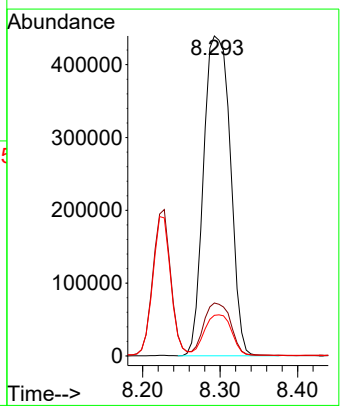


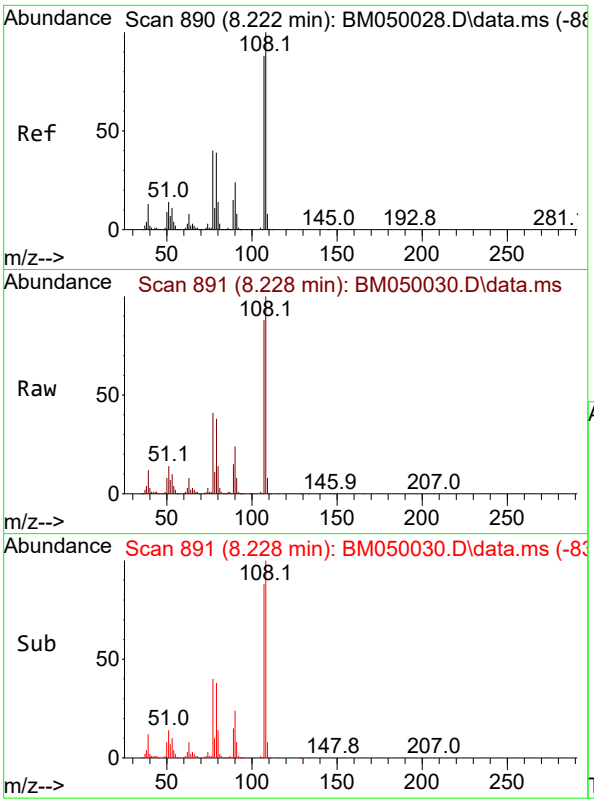


#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.922 ng
RT: 8.293 min Scan# 902
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 45 Resp: 1052561

Ion	Ratio	Lower	Upper
45	100		
77	16.6	0.0	36.4
79	12.7	0.0	32.7



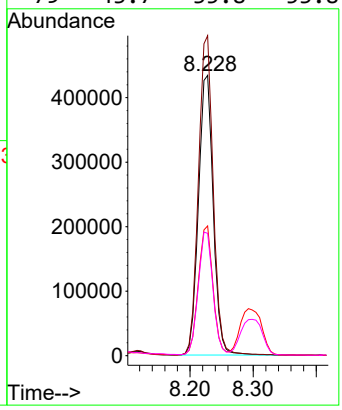


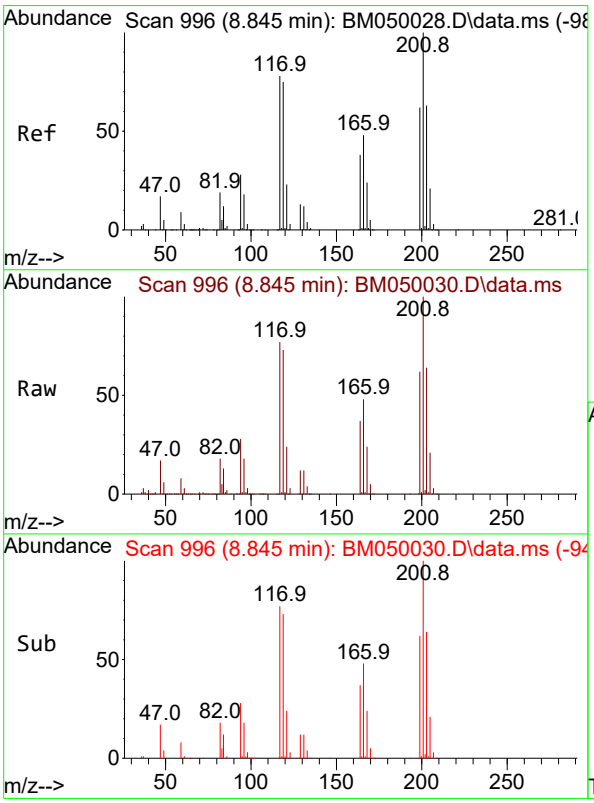
#17
2-Methylphenol
Concen: 61.914 ng
RT: 8.228 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 705836

Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.1	136.7
77	46.3	36.2	54.4
79	43.7	35.8	53.8

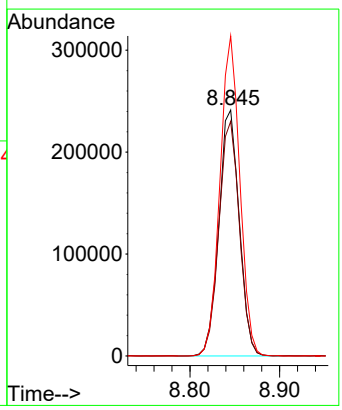


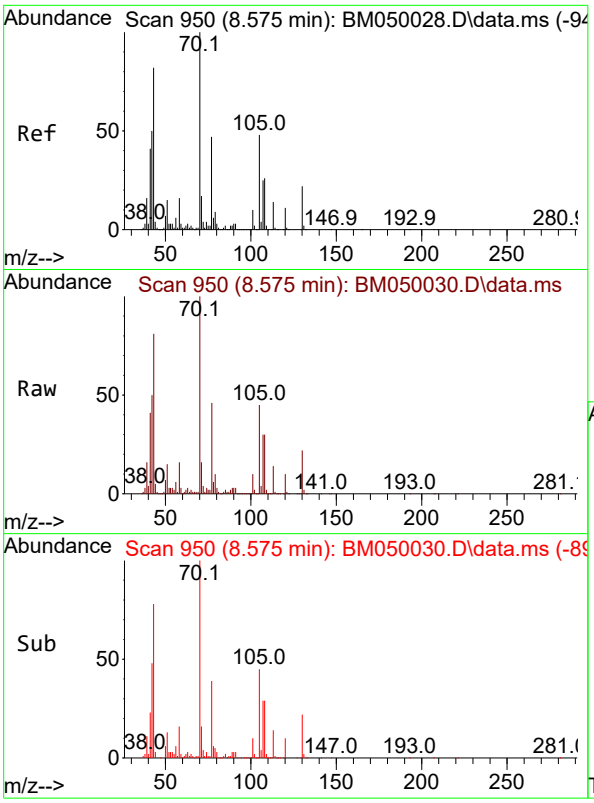


#18
Hexachloroethane
Concen: 60.018 ng
RT: 8.845 min Scan# 996
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:117 Resp: 380742

Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.3	115.9
201	130.1	102.8	154.2



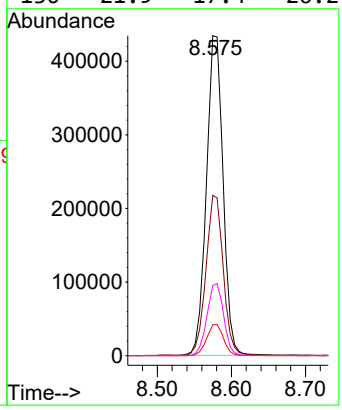


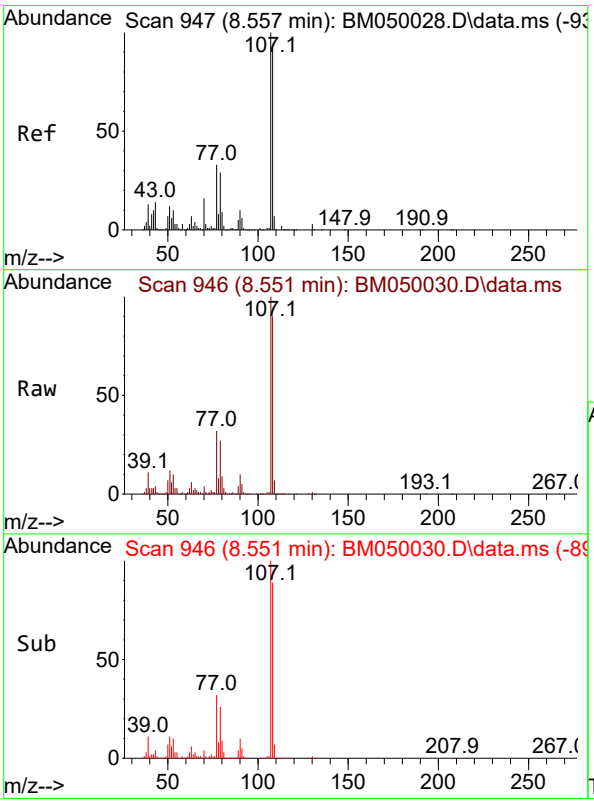
#19
n-Nitroso-di-n-propylamine
Concen: 61.851 ng
RT: 8.575 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 678107

Ion	Ratio	Lower	Upper
70	100		
42	50.1	40.5	60.7
101	9.7	7.8	11.6
130	21.9	17.4	26.2

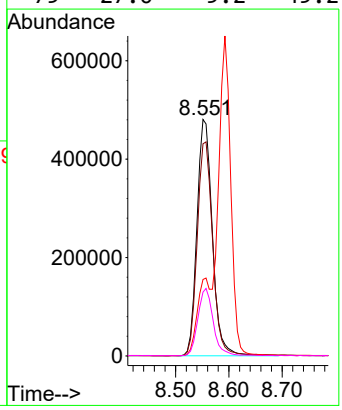


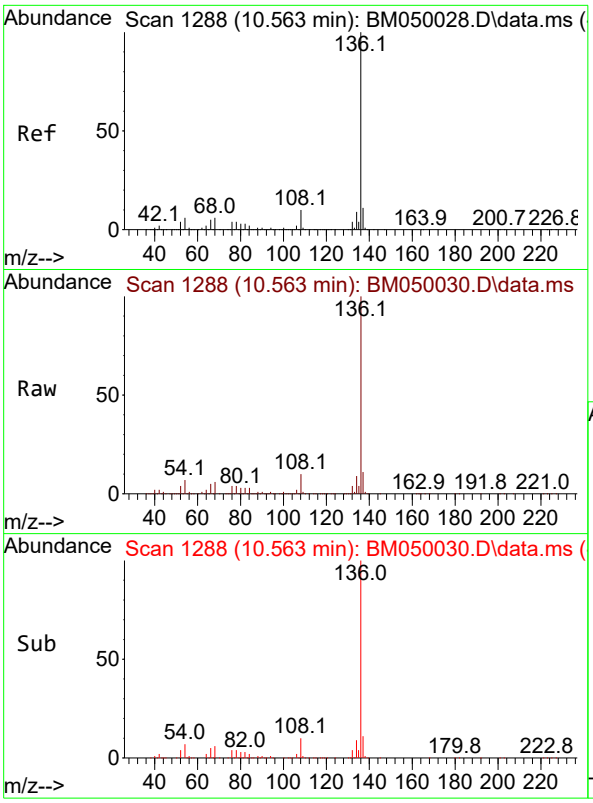


#20
3+4-Methylphenols
Concen: 62.619 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:107 Resp: 964063

Ion	Ratio	Lower	Upper
107	100		
108	89.8	72.4	112.4
77	32.4	13.6	53.6
79	27.0	9.2	49.2



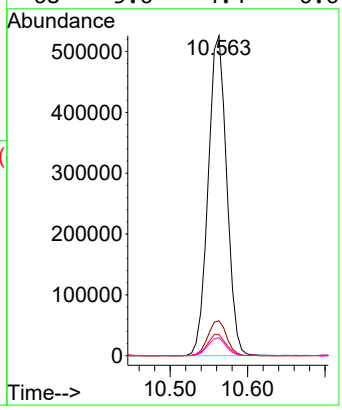


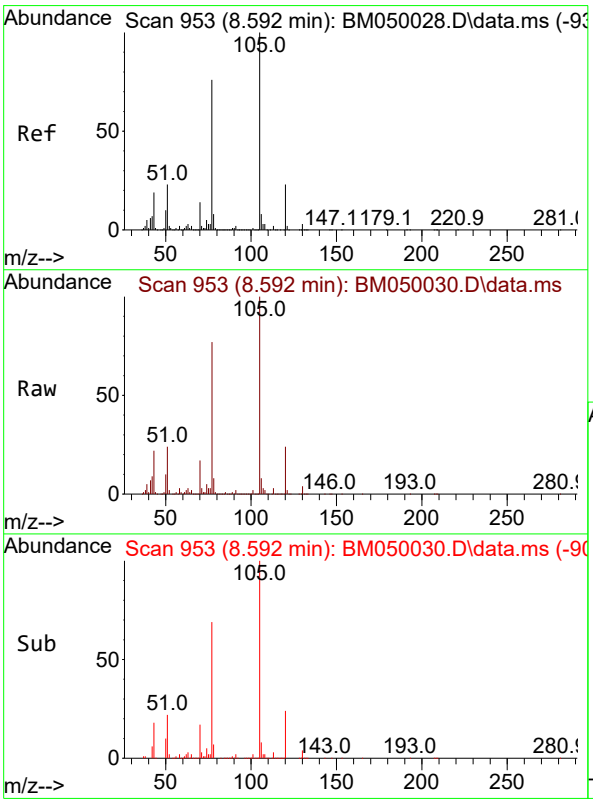
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 873845

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.7	5.1	7.7
68	5.6	4.4	6.6

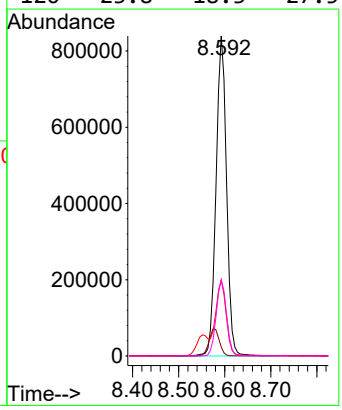


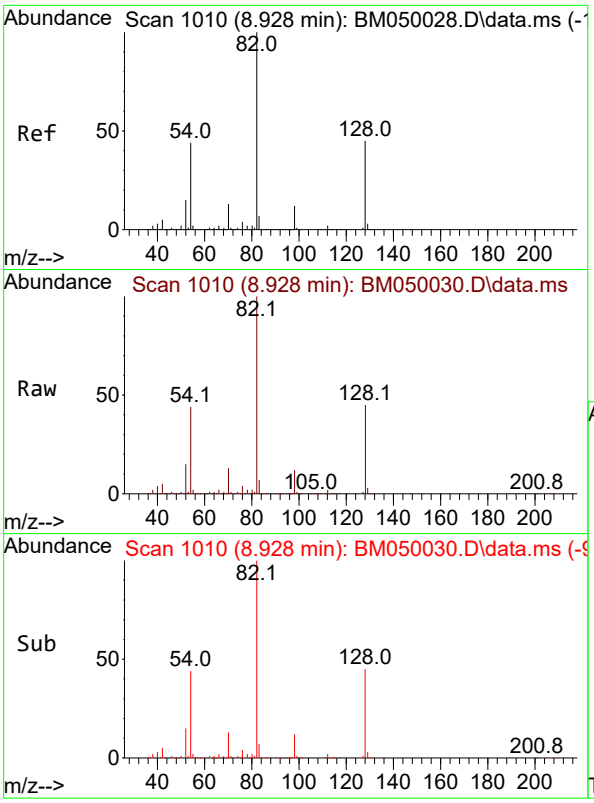


#22
Acetophenone
Concen: 61.030 ng
RT: 8.592 min Scan# 953
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:105 Resp: 1325893

Ion	Ratio	Lower	Upper
105	100		
71	2.8	1.7	2.5#
51	23.7	18.6	27.8
120	23.8	18.3	27.5



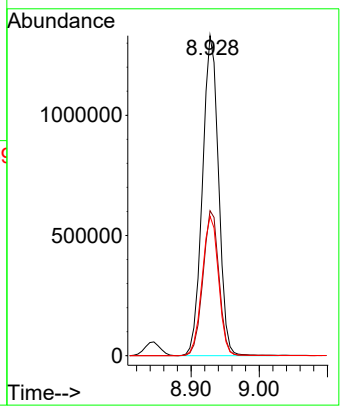


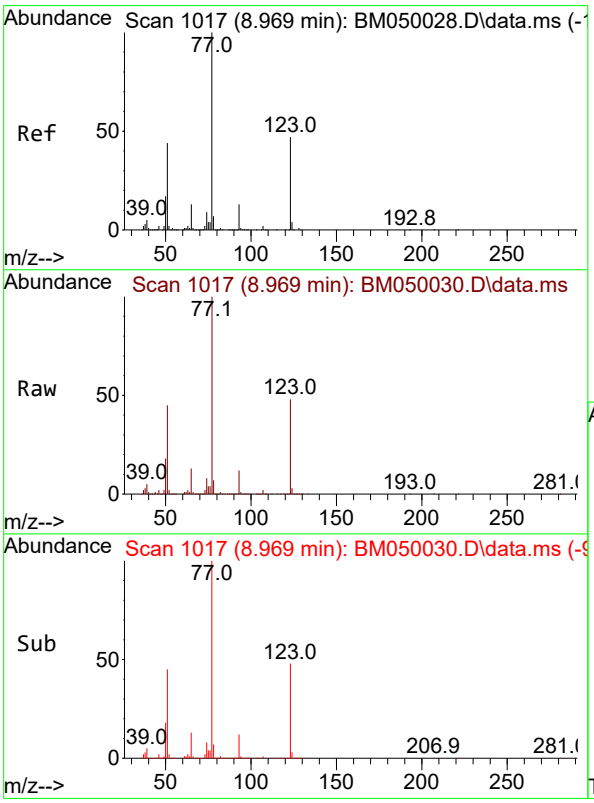
#23
Nitrobenzene-d5
Concen: 123.300 ng
RT: 8.928 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 2186546

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.7	53.5
54	43.6	35.4	53.2

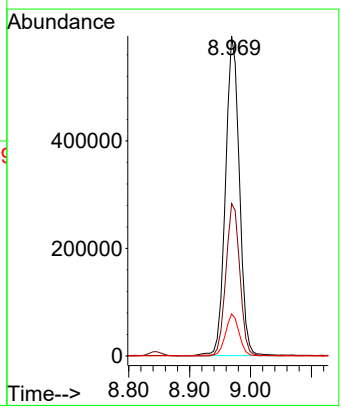


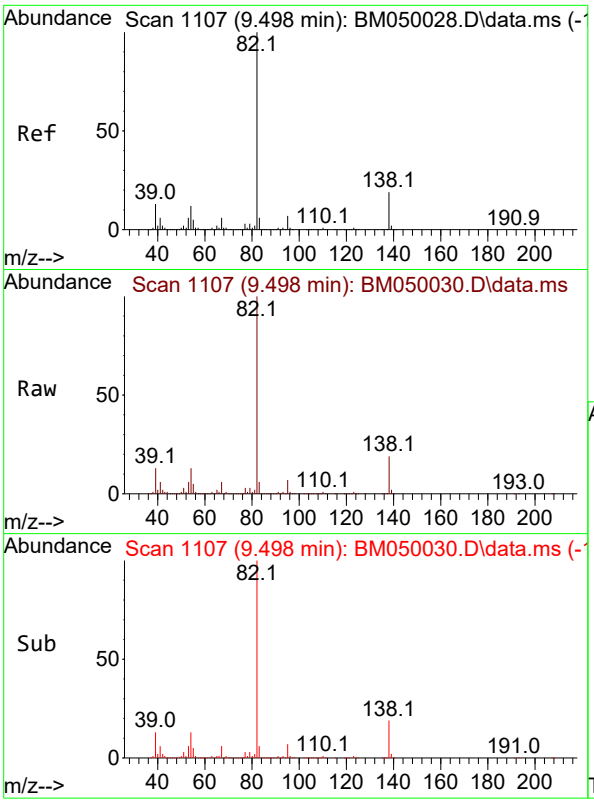


#24
Nitrobenzene
Concen: 61.193 ng
RT: 8.969 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 77 Resp: 938300

Ion	Ratio	Lower	Upper
77	100		
123	47.6	37.9	56.9
65	13.2	10.1	15.1



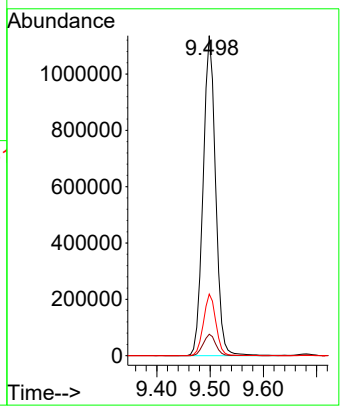


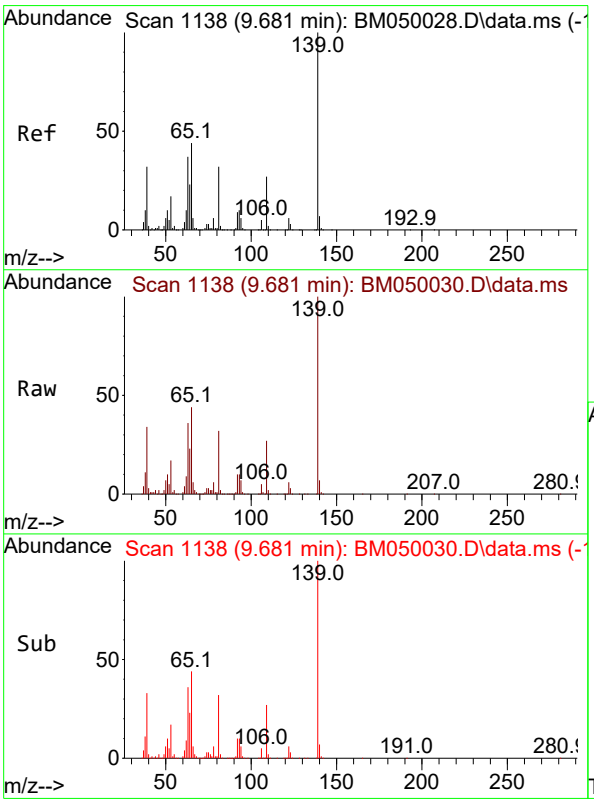
#25
Isophorone
Concen: 61.044 ng
RT: 9.498 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1845274

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.7	8.5
138	19.2	15.5	23.3

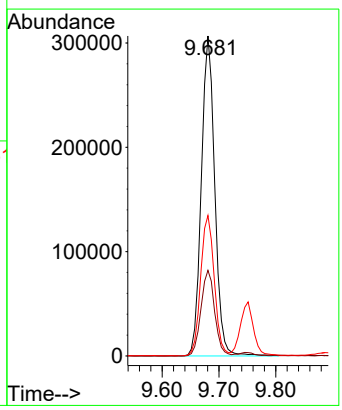


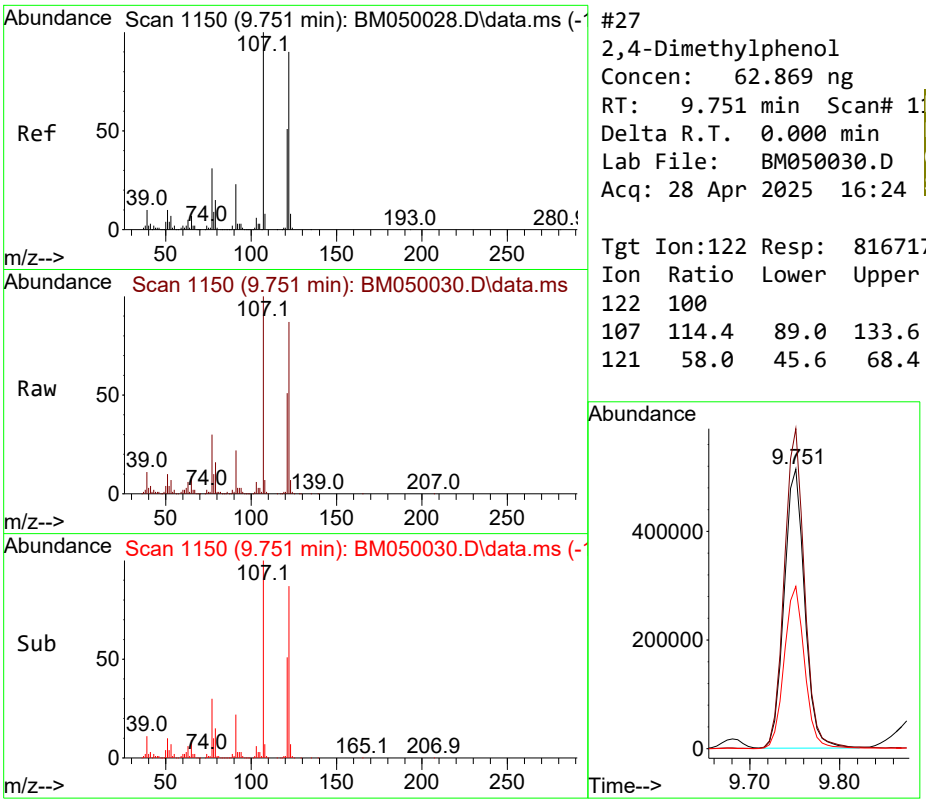


#26
2-Nitrophenol
Concen: 64.395 ng
RT: 9.681 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:139 Resp: 504441

Ion	Ratio	Lower	Upper
139	100		
109	26.8	21.9	32.9
65	43.9	35.4	53.2



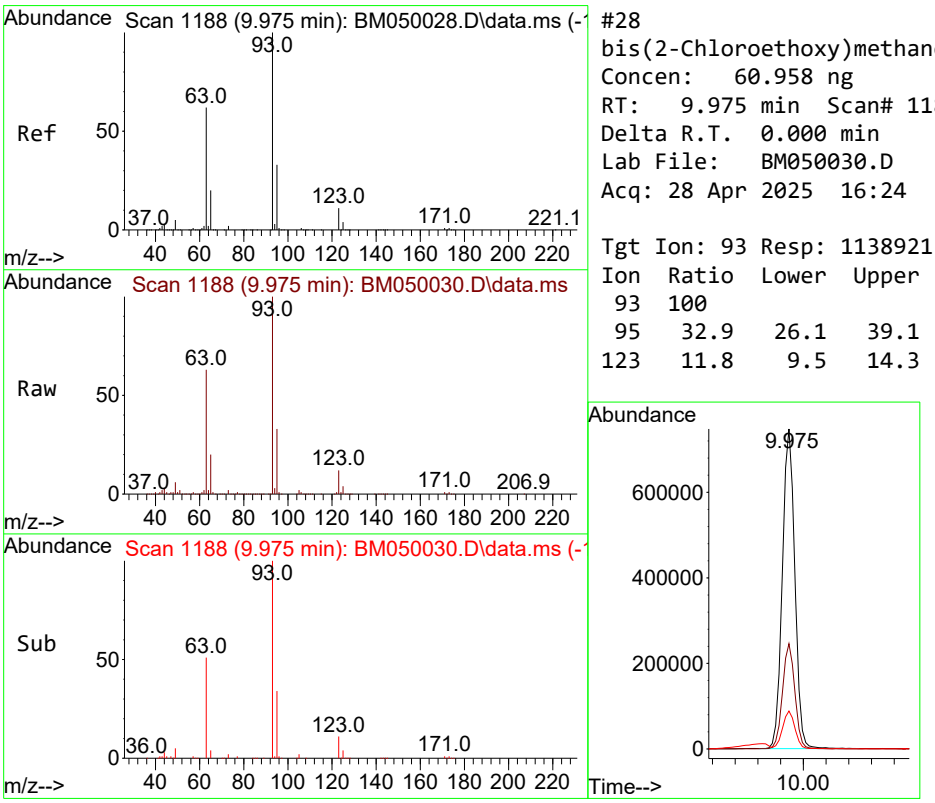


#27
2,4-Dimethylphenol
Concen: 62.869 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 816717

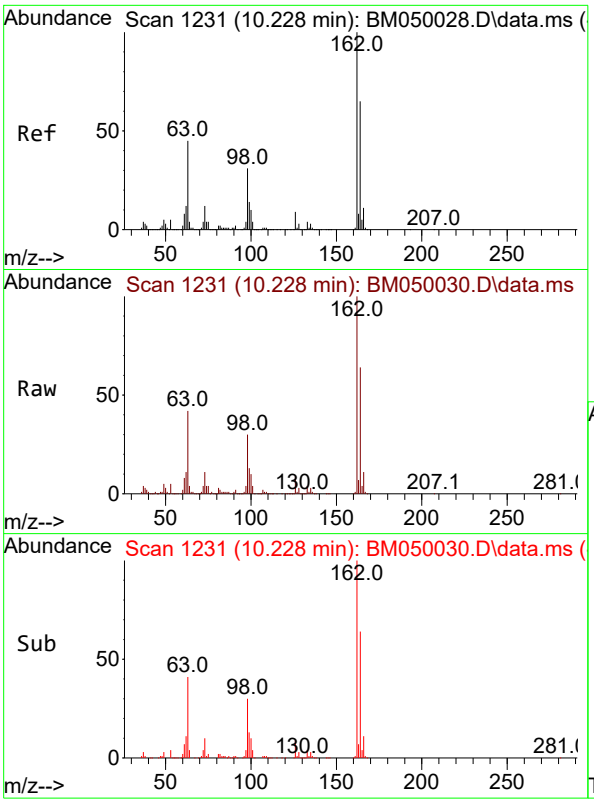
Ion	Ratio	Lower	Upper
122	100		
107	114.4	89.0	133.6
121	58.0	45.6	68.4



#28
bis(2-Chloroethoxy)methane
Concen: 60.958 ng
RT: 9.975 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 93 Resp: 1138921

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.1	39.1
123	11.8	9.5	14.3

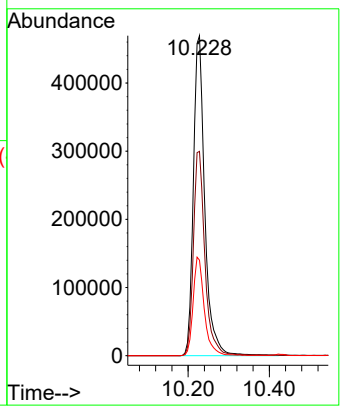


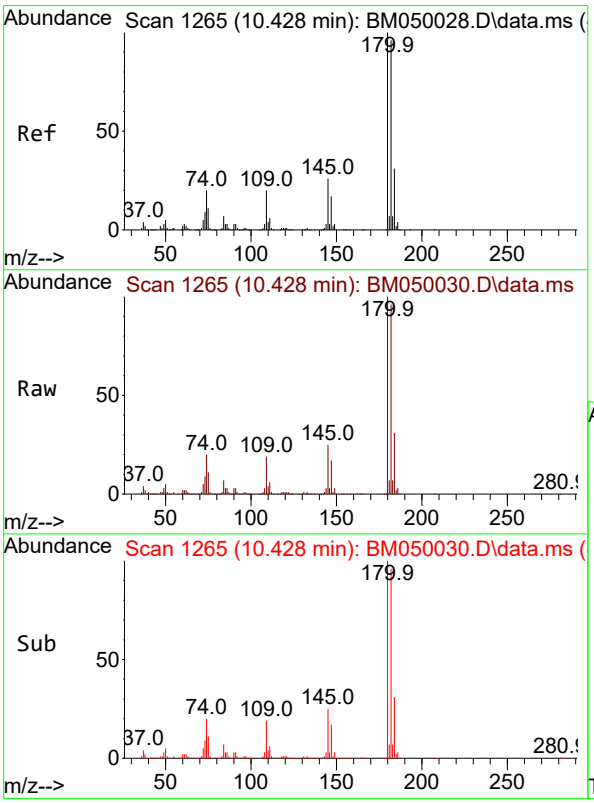
#29
2,4-Dichlorophenol
Concen: 63.266 ng
RT: 10.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 920741

Ion	Ratio	Lower	Upper
162	100		
164	63.9	45.4	85.4
98	29.8	11.3	51.3

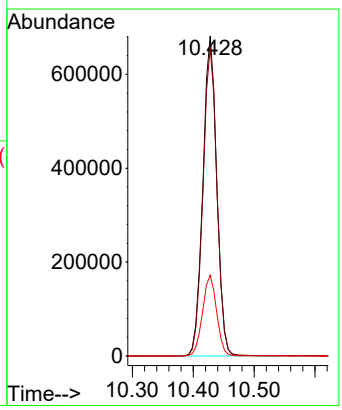


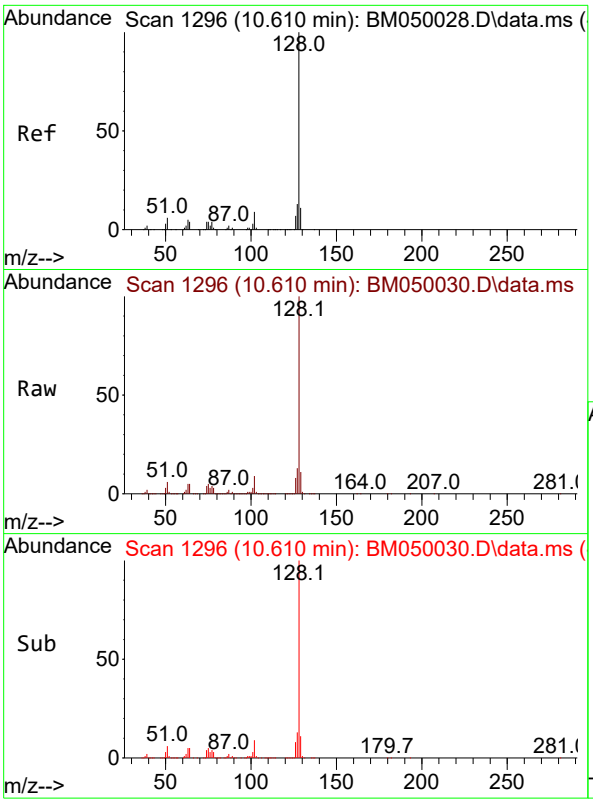


#30
1,2,4-Trichlorobenzene
Concen: 60.907 ng
RT: 10.428 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:180 Resp: 1079970

Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.0	115.4
145	25.2	20.6	30.8



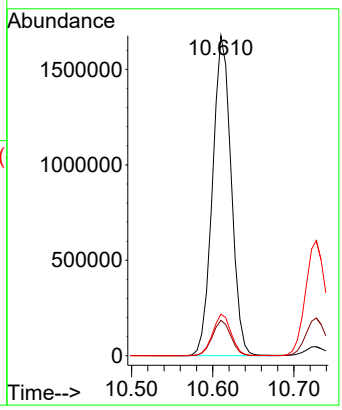


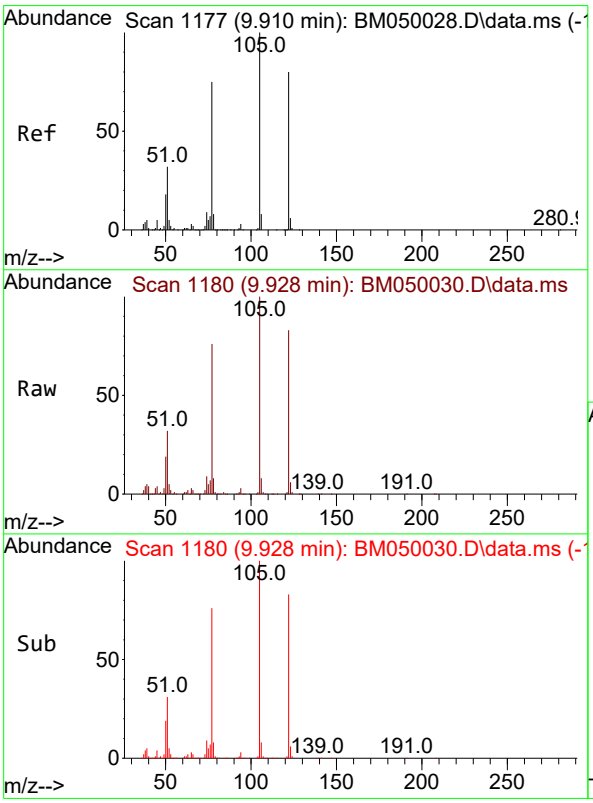
#31
Naphthalene
Concen: 60.626 ng
RT: 10.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 2682942

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.0	10.4	15.6

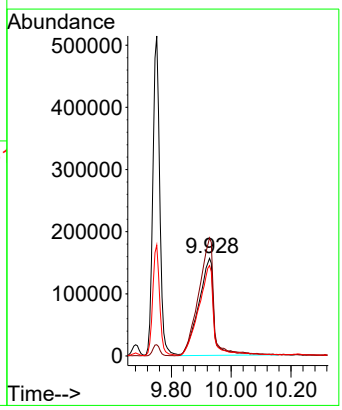


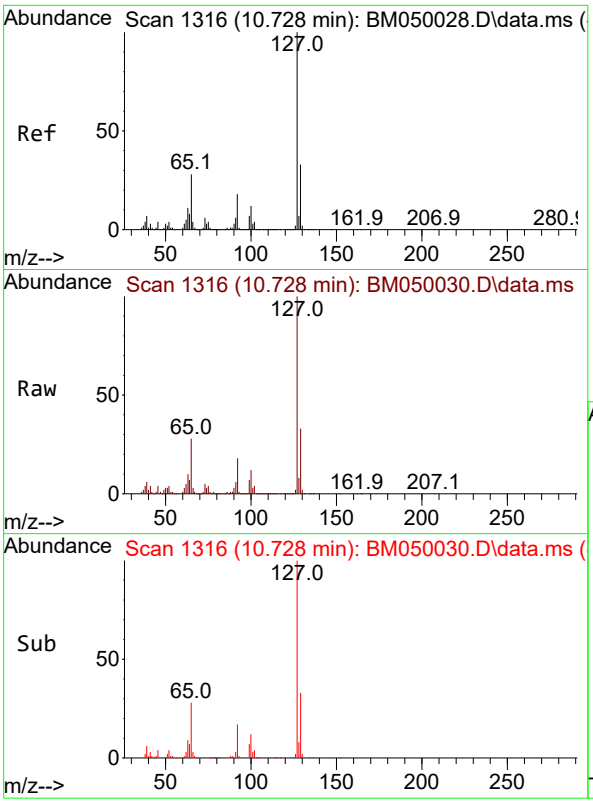


#32
Benzoic acid
Concen: 67.178 ng
RT: 9.928 min Scan# 1180
Delta R.T. 0.018 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:122 Resp: 556598

Ion	Ratio	Lower	Upper
122	100		
105	120.9	103.6	143.6
77	92.5	73.7	113.7



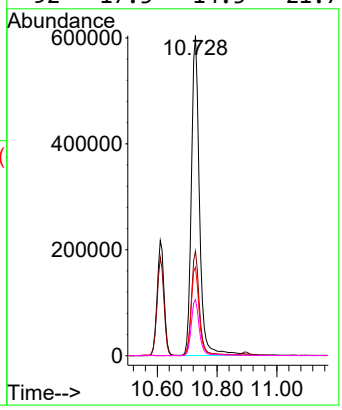


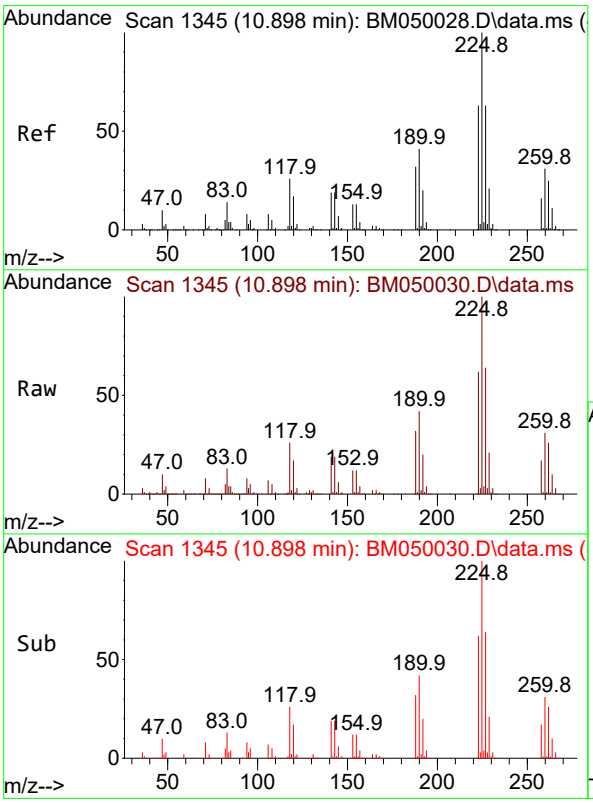
#33
4-Chloroaniline
Concen: 63.184 ng
RT: 10.728 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 1146085

Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	27.6	22.5	33.7
92	17.5	14.5	21.7

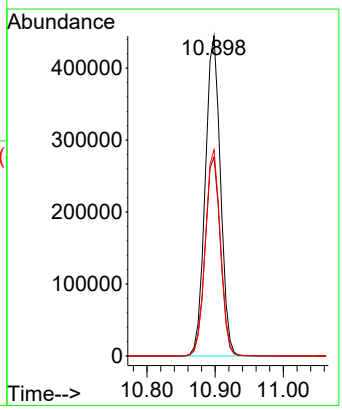


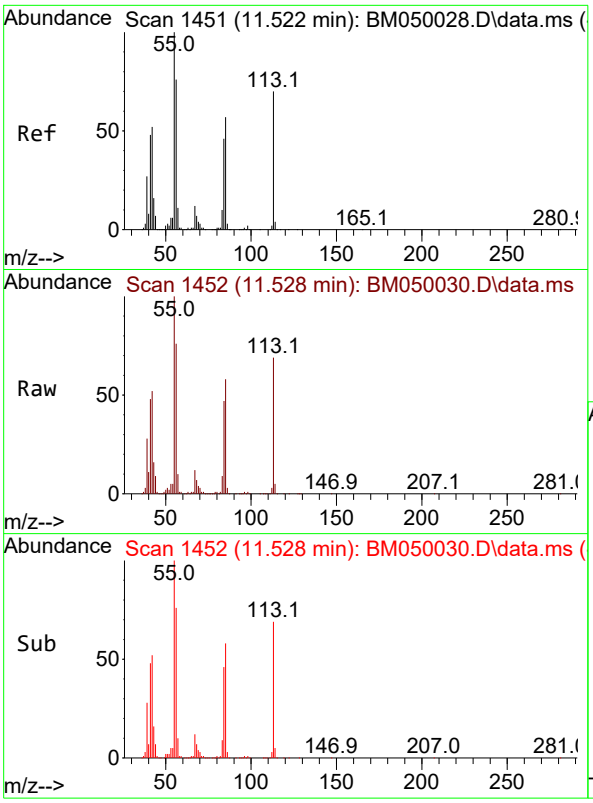


#34
Hexachlorobutadiene
Concen: 61.230 ng
RT: 10.898 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:225 Resp: 689159

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.2	75.2
227	64.5	50.6	76.0



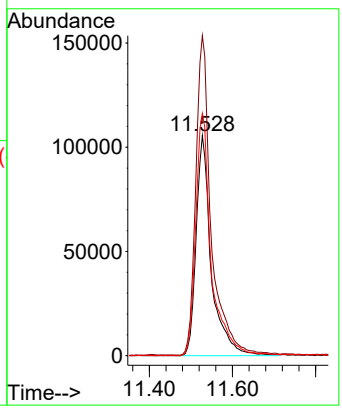


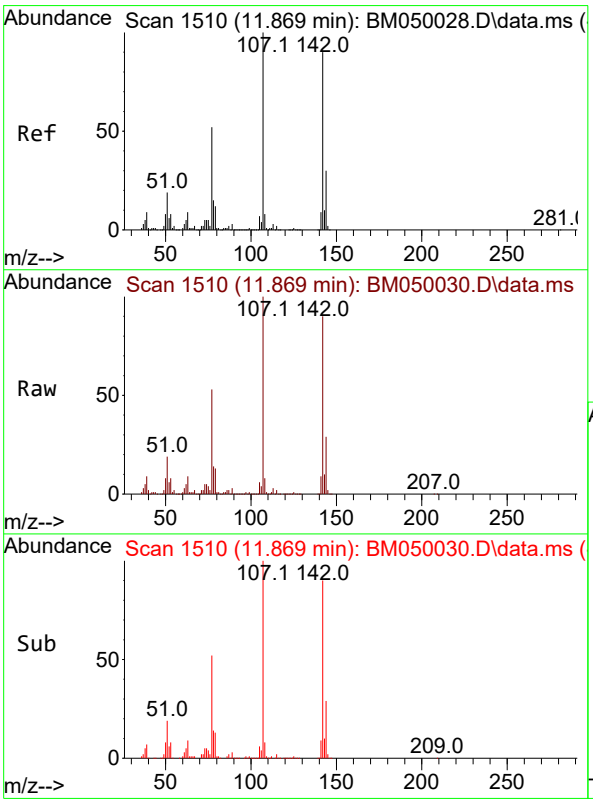
#35
Caprolactam
Concen: 62.845 ng
RT: 11.528 min Scan# 14
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 266678

Ion	Ratio	Lower	Upper
113	100		
55	145.4	122.9	162.9
56	110.1	88.1	128.1

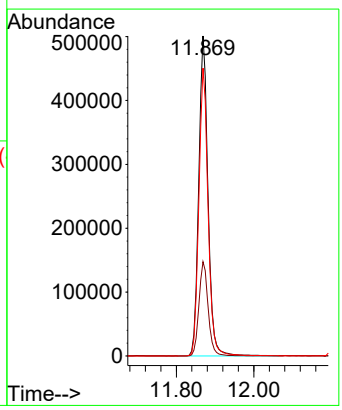


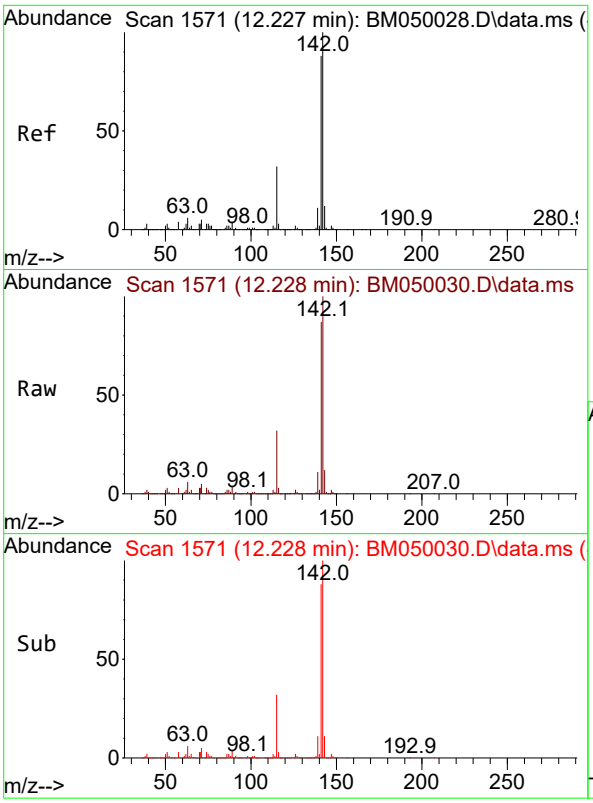


#36
4-Chloro-3-methylphenol
Concen: 61.882 ng
RT: 11.869 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:107 Resp: 832050

Ion	Ratio	Lower	Upper
107	100		
144	29.4	23.8	35.6
142	89.9	71.9	107.9



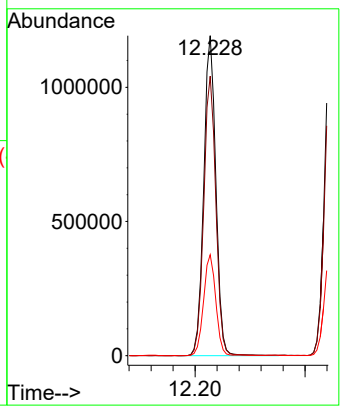


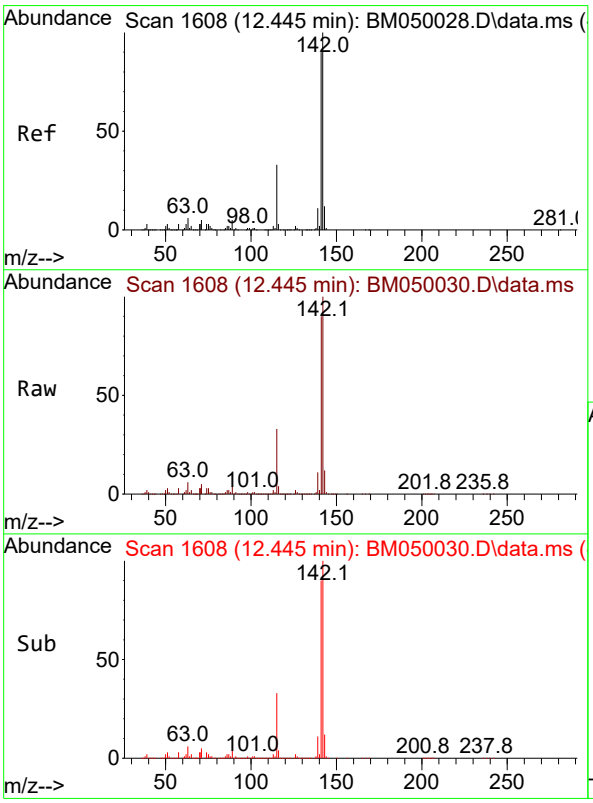
#37
2-Methylnaphthalene
Concen: 61.185 ng
RT: 12.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 1815345

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.4	105.6
115	31.5	25.4	38.2

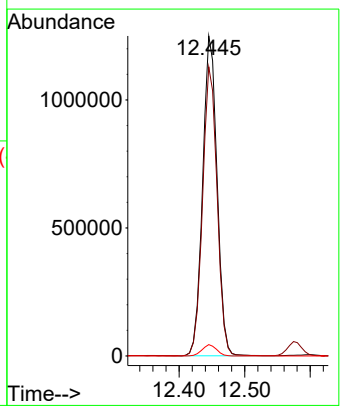


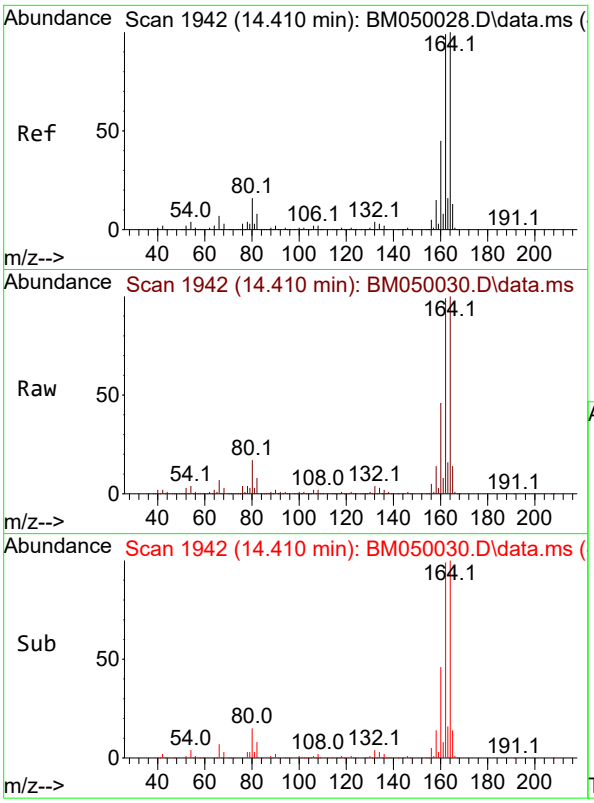


#38
1-Methylnaphthalene
Concen: 61.021 ng
RT: 12.445 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:142 Resp: 1916000

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.1	108.1
116	3.5	2.7	4.1



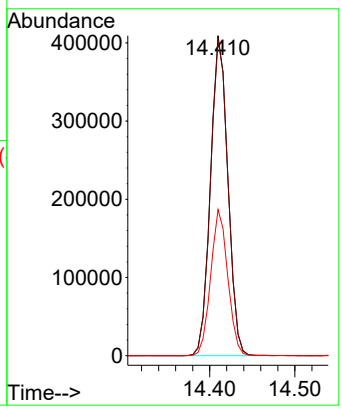


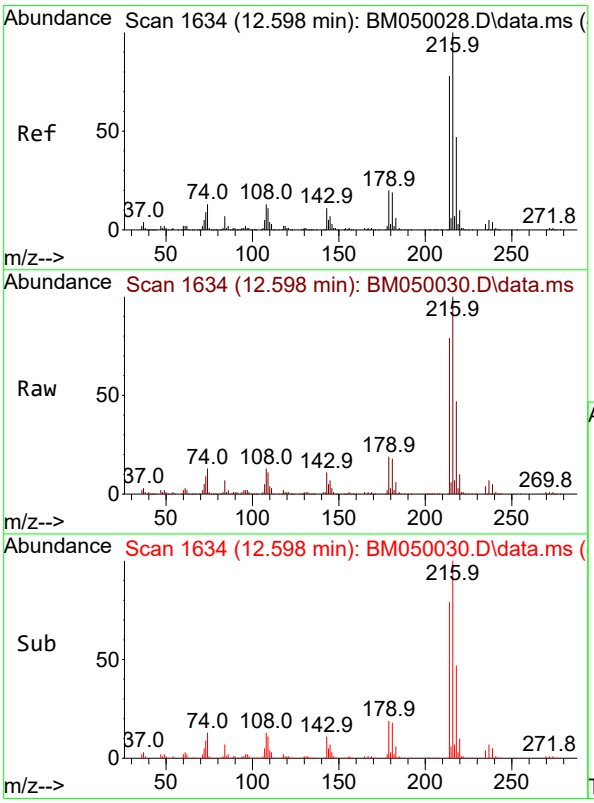
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 580977

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.4	119.0
160	45.7	36.2	54.4

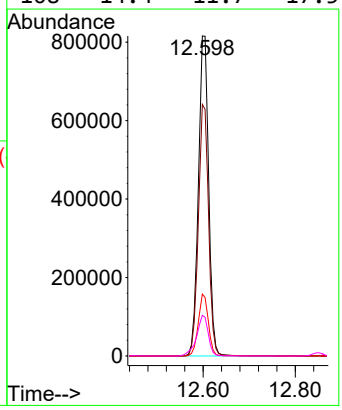


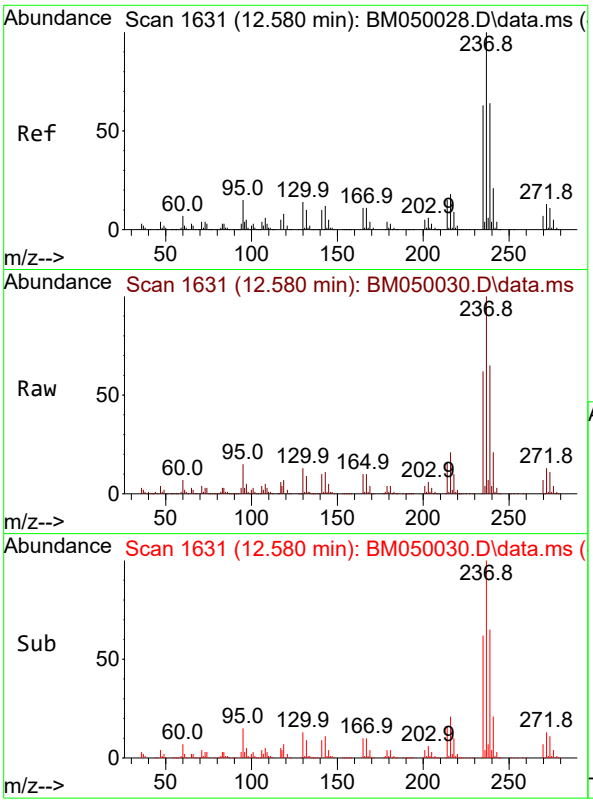


#40
1,2,4,5-Tetrachlorobenzene
Concen: 62.853 ng
RT: 12.598 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:216 Resp: 1264090

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.3	93.5
179	18.9	15.4	23.0
108	14.4	11.7	17.5



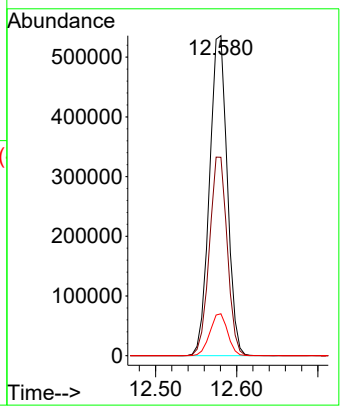


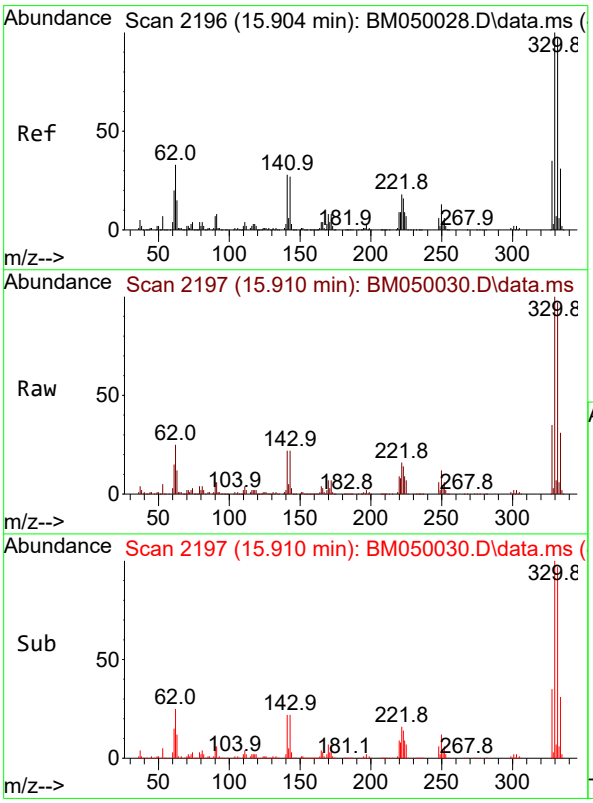
#41
Hexachlorocyclopentadiene
Concen: 66.248 ng
RT: 12.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 814238

Ion	Ratio	Lower	Upper
237	100		
235	62.0	42.9	82.9
272	13.1	0.0	32.9

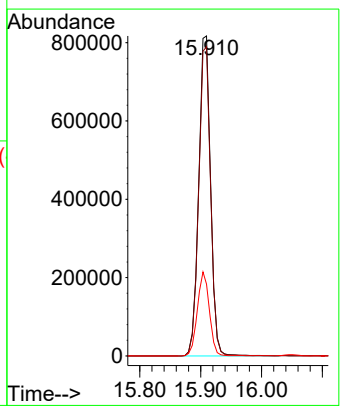


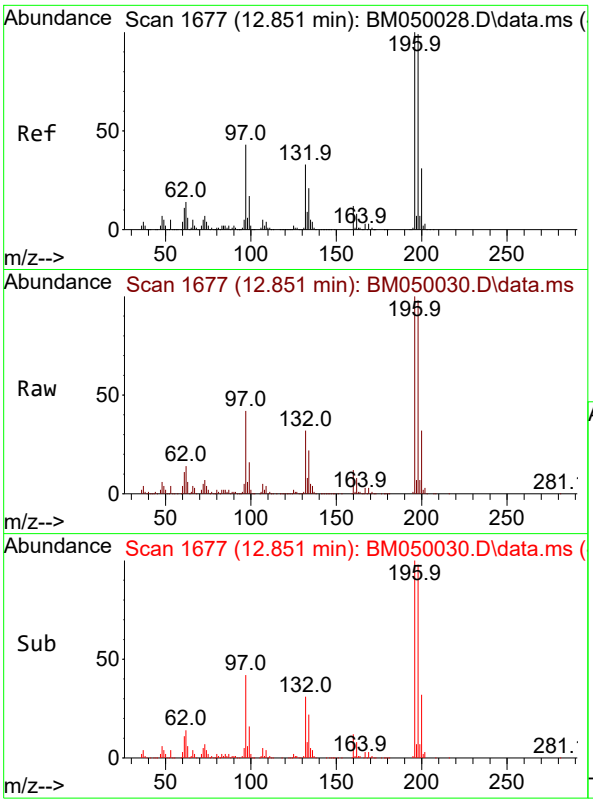


#42
2,4,6-Tribromophenol
Concen: 128.968 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:330 Resp: 1107899

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	26.6	22.5	33.7



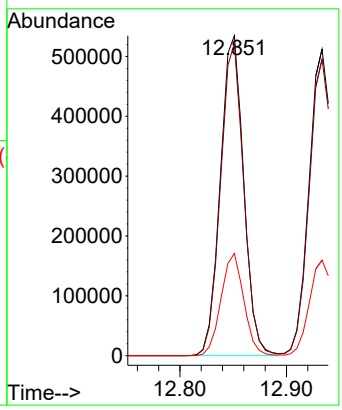


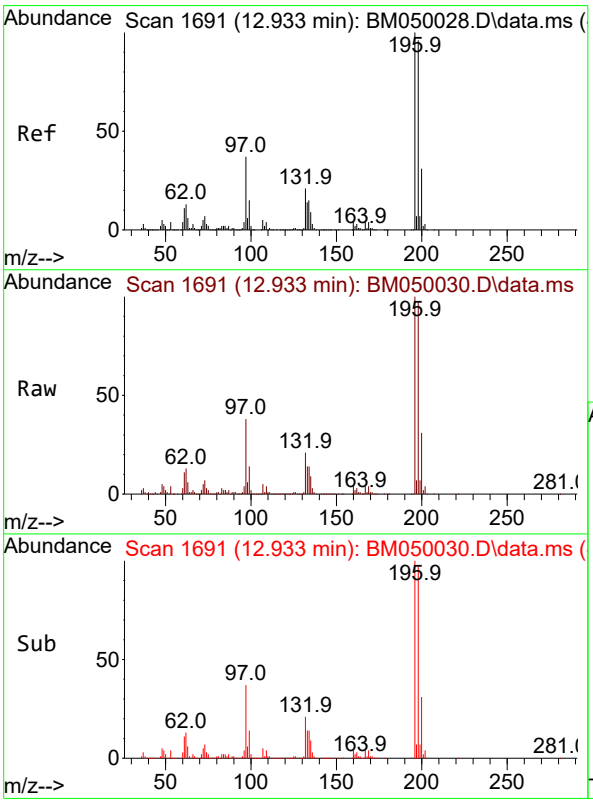
#43
2,4,6-Trichlorophenol
Concen: 63.832 ng
RT: 12.851 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 814256

Ion	Ratio	Lower	Upper
196	100		
198	97.5	79.0	118.6
200	31.9	25.1	37.7

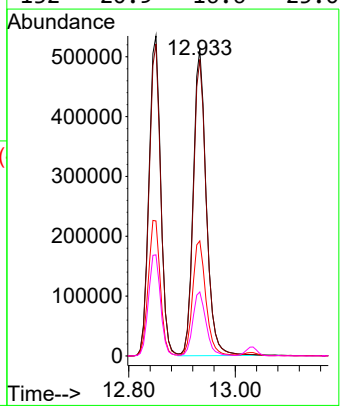


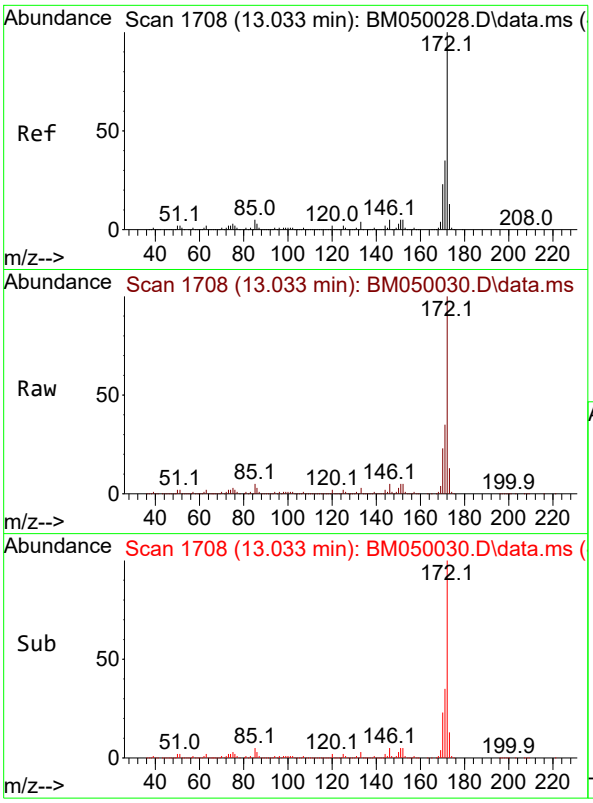


#44
2,4,5-Trichlorophenol
Concen: 63.459 ng
RT: 12.933 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:196 Resp: 872921

Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.7	115.1
97	37.5	30.1	45.1
132	20.9	16.6	25.0



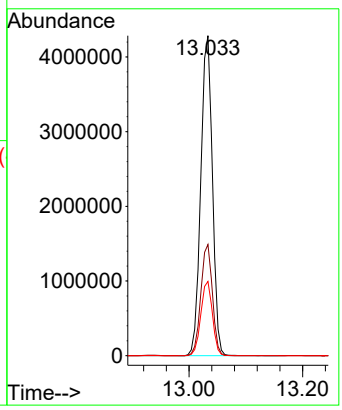


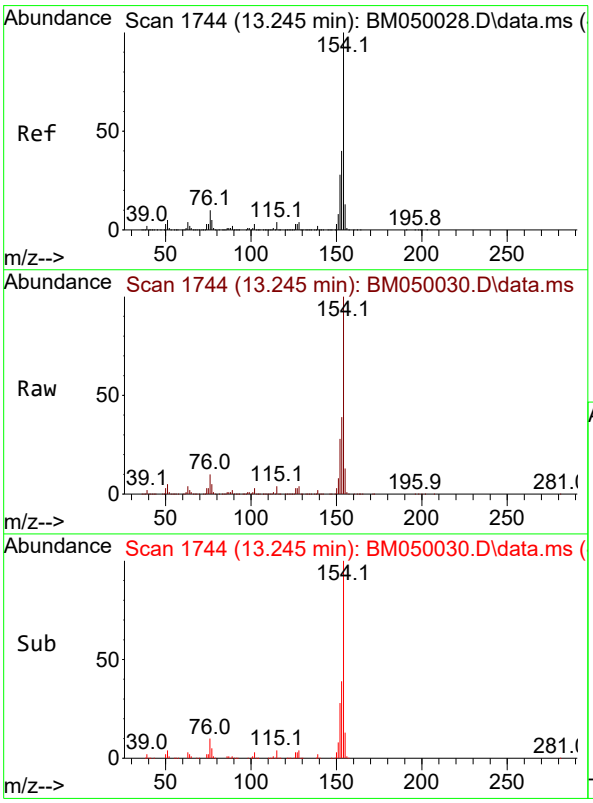
#45
2-Fluorobiphenyl
Concen: 123.782 ng
RT: 13.033 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 6079094

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.2	18.6	28.0

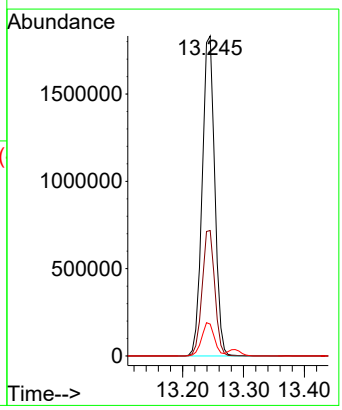


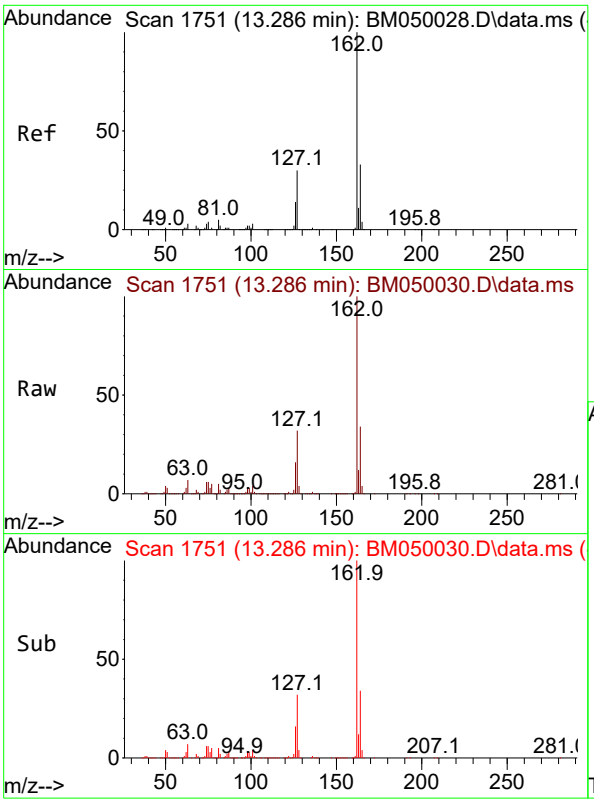


#46
1,1'-Biphenyl
Concen: 60.817 ng
RT: 13.245 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:154 Resp: 2626494

Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.0	60.0
76	9.9	0.0	30.3



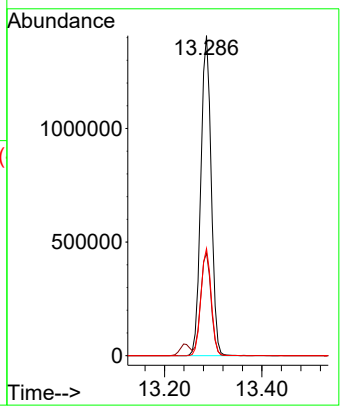


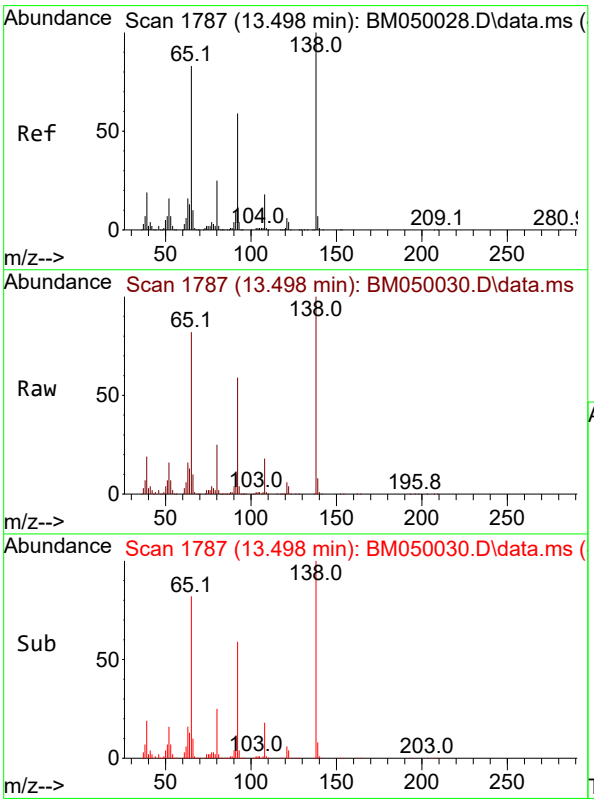
#47
2-Chloronaphthalene
Concen: 60.760 ng
RT: 13.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 2078242

Ion	Ratio	Lower	Upper
162	100		
127	32.1	25.9	38.9
164	33.5	26.6	40.0

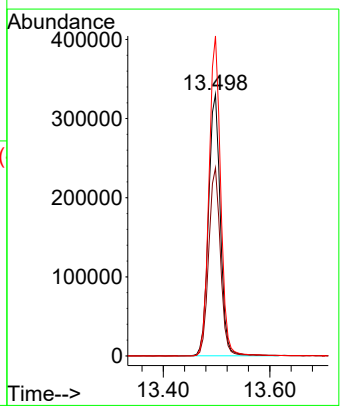


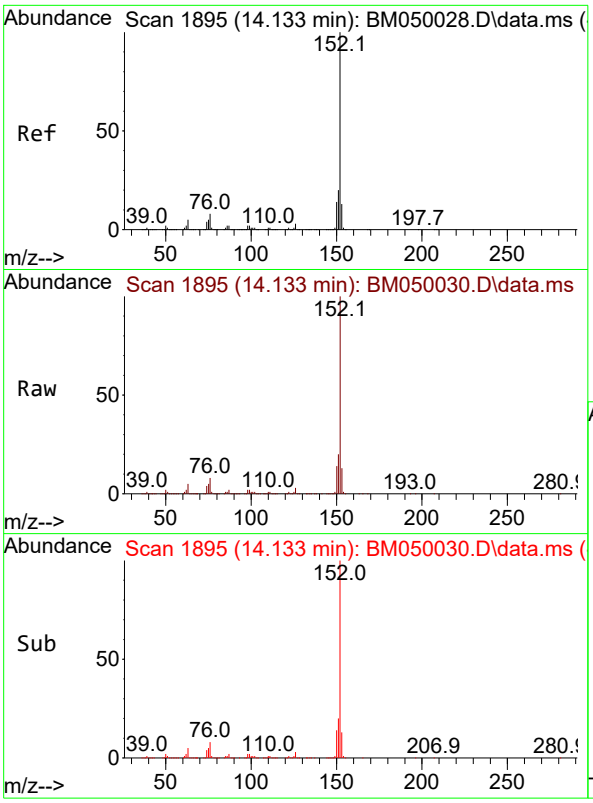


#48
2-Nitroaniline
Concen: 63.847 ng
RT: 13.498 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 65 Resp: 512544

Ion	Ratio	Lower	Upper
65	100		
92	71.9	57.1	85.7
138	122.3	97.0	145.4



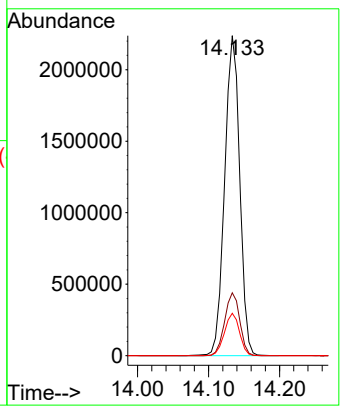


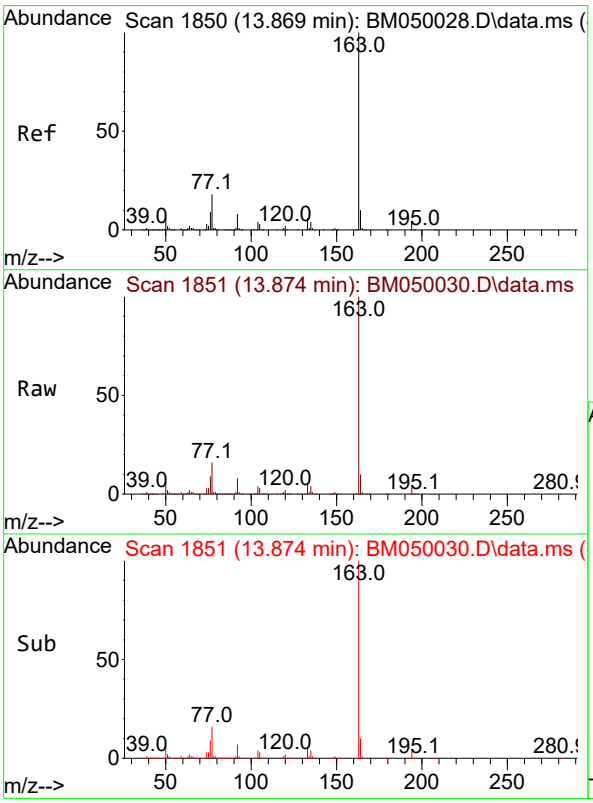
#49
Acenaphthylene
Concen: 61.060 ng
RT: 14.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 3292902

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.2	10.6	15.8

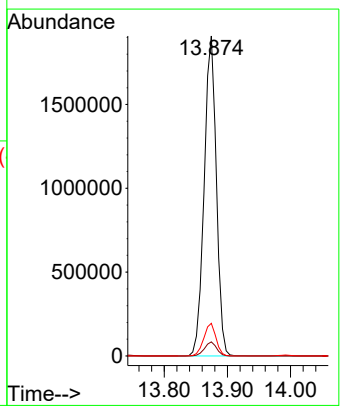


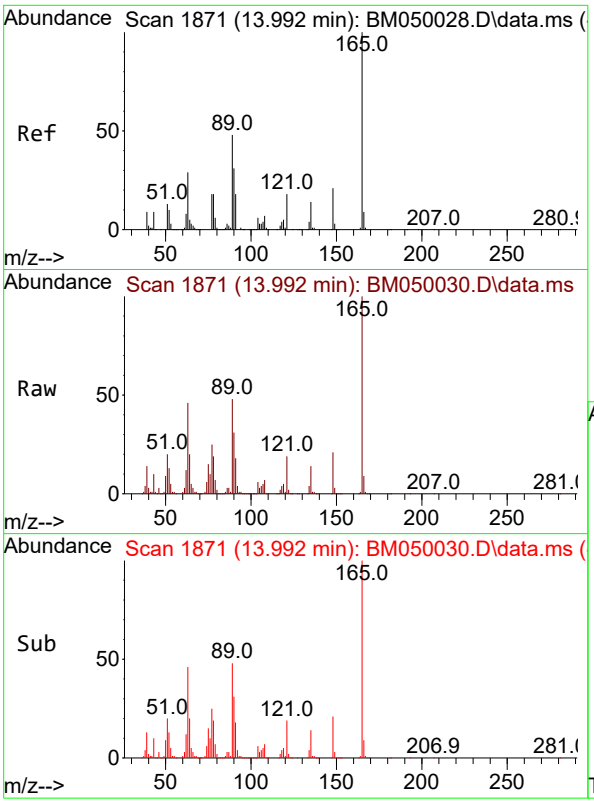


#50
Dimethylphthalate
Concen: 60.347 ng
RT: 13.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:163 Resp: 2562233

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.2	8.2	12.2



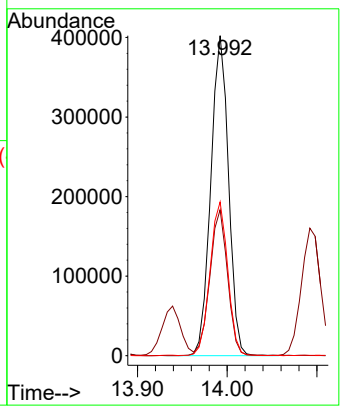


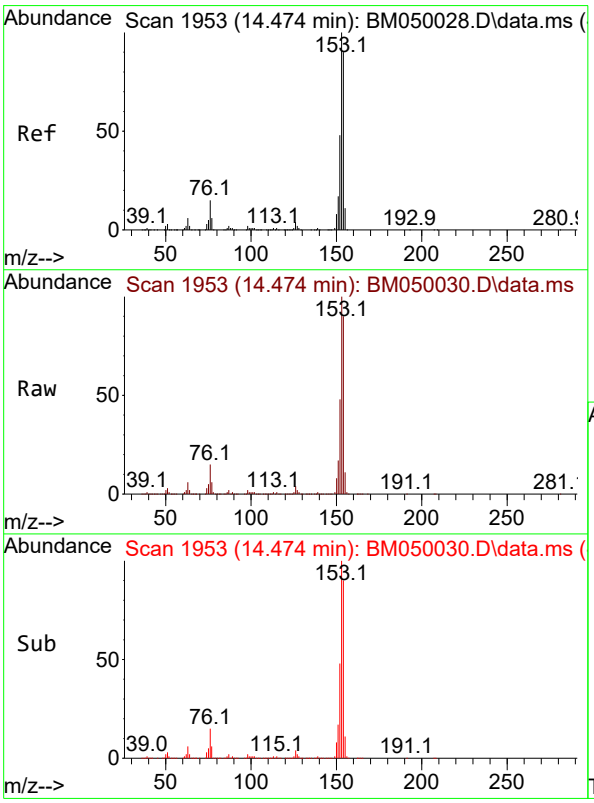
#51
2,6-Dinitrotoluene
Concen: 62.732 ng
RT: 13.992 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 551466

Ion	Ratio	Lower	Upper
165	100		
63	45.6	35.1	52.7
89	48.1	38.4	57.6

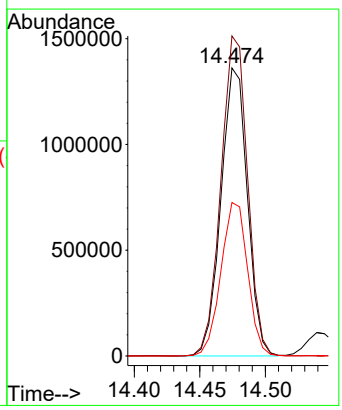


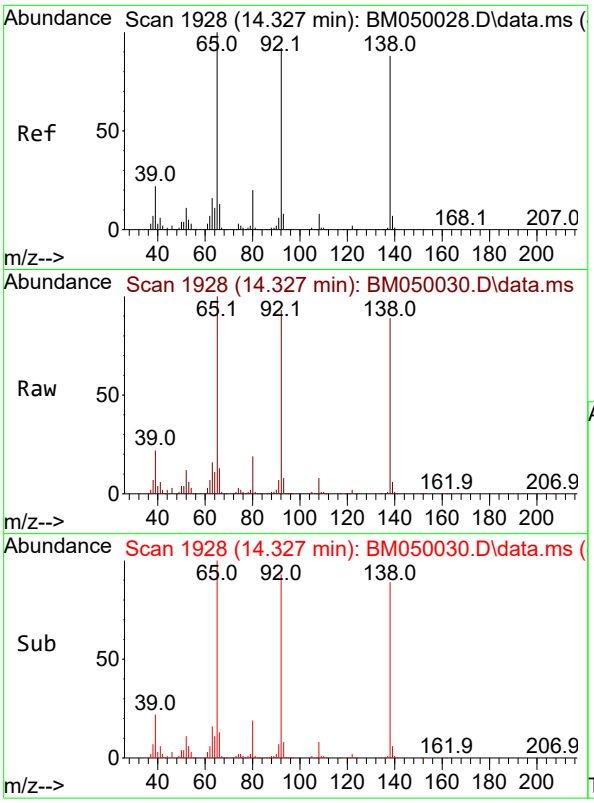


#52
Acenaphthene
Concen: 61.089 ng
RT: 14.474 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:154 Resp: 1906973

Ion	Ratio	Lower	Upper
154	100		
153	111.1	89.0	133.4
152	53.3	43.0	64.6



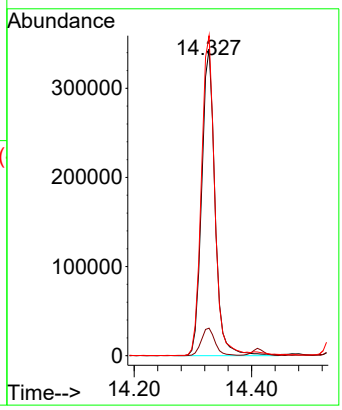


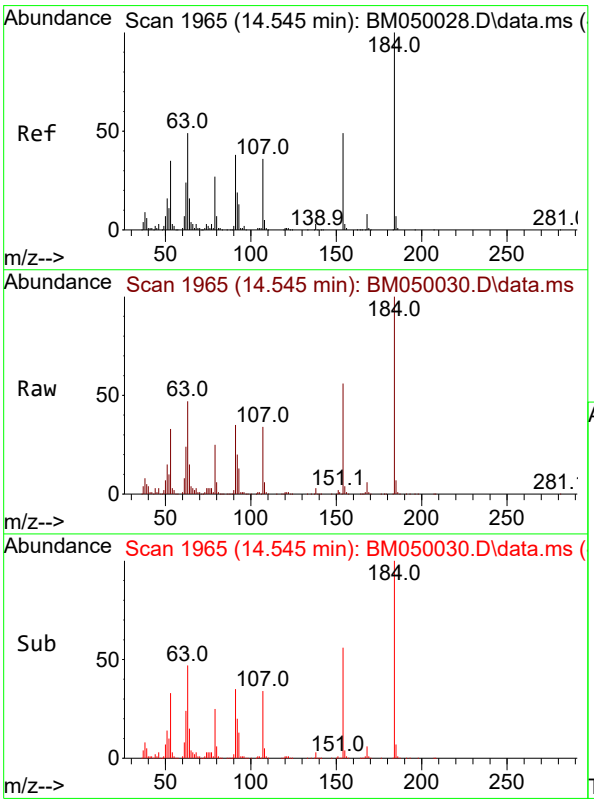
#53
3-Nitroaniline
Concen: 64.574 ng
RT: 14.327 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 541960

Ion	Ratio	Lower	Upper
138	100		
108	9.0	7.4	11.2
92	104.3	84.0	126.0

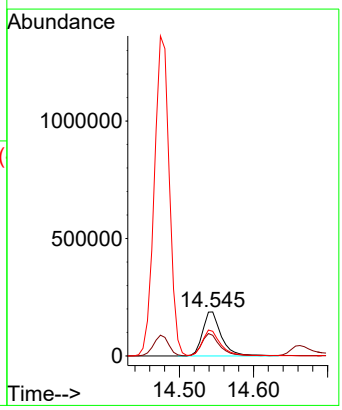


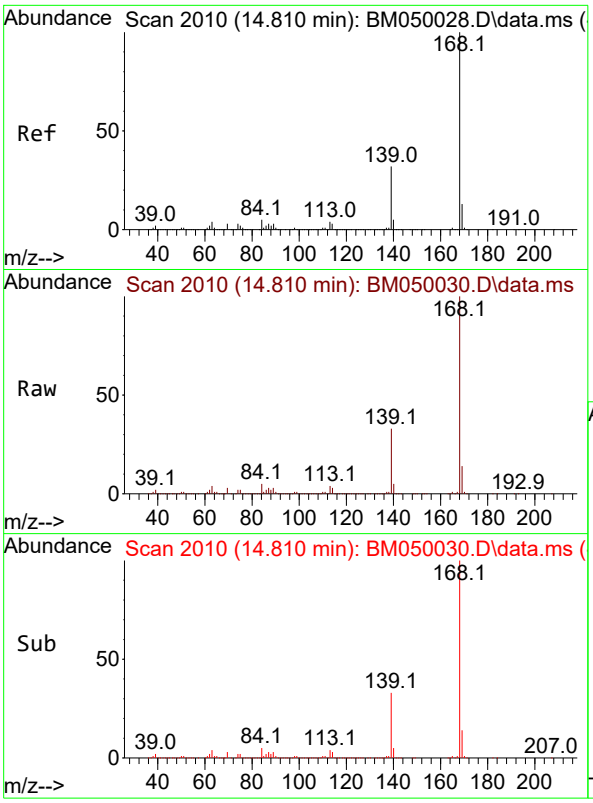


#54
2,4-Dinitrophenol
Concen: 59.847 ng
RT: 14.545 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:184 Resp: 327924

Ion	Ratio	Lower	Upper
184	100		
63	46.9	39.8	59.6
154	56.0	46.1	69.1



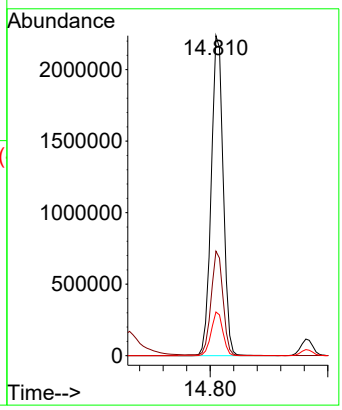


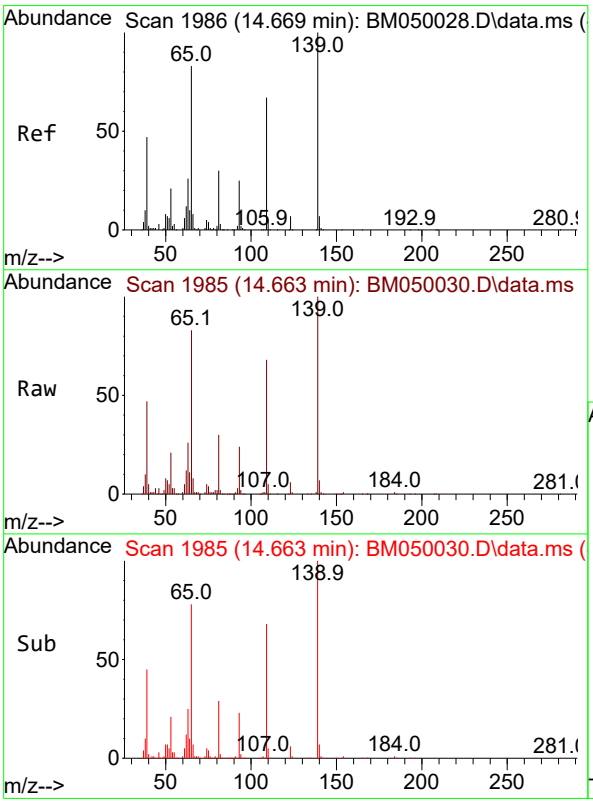
#55
Dibenzofuran
Concen: 60.738 ng
RT: 14.810 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 3154566

Ion	Ratio	Lower	Upper
168	100		
139	32.6	26.1	39.1
169	13.6	10.8	16.2

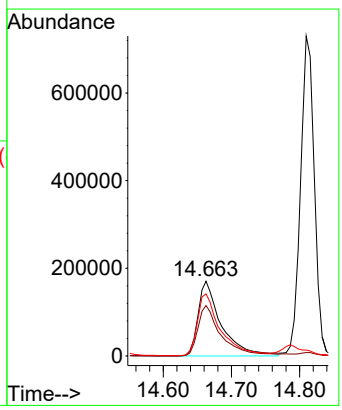


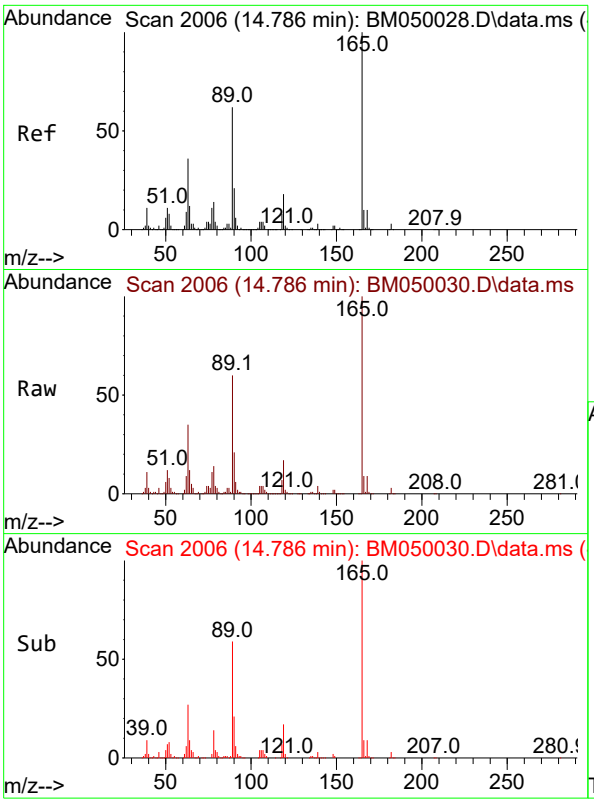


#56
4-Nitrophenol
Concen: 60.088 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:139 Resp: 402106

Ion	Ratio	Lower	Upper
139	100		
109	67.5	47.0	87.0
65	83.0	64.3	104.3



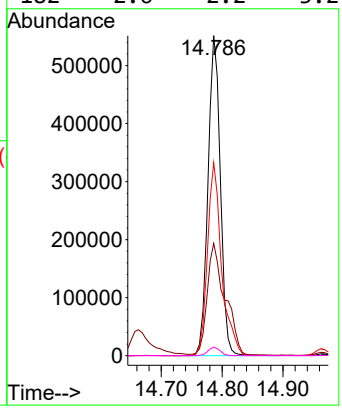


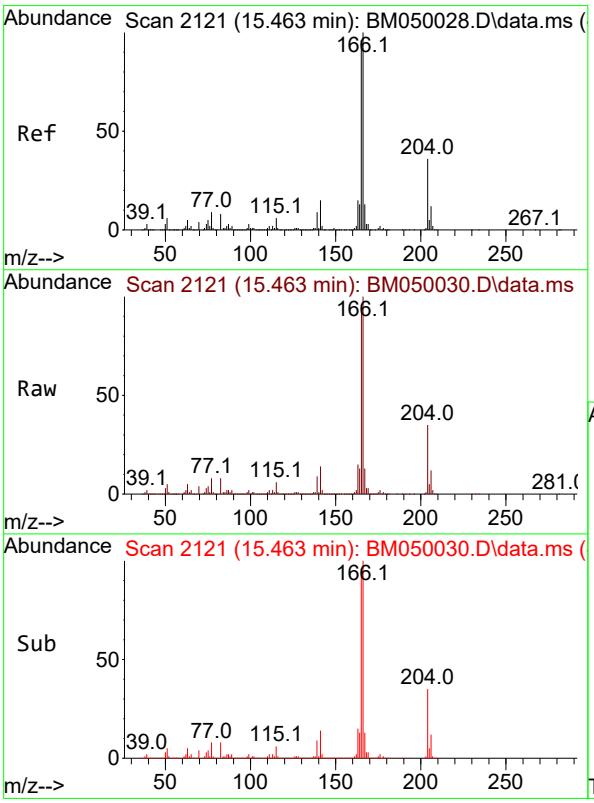
#57
2,4-Dinitrotoluene
Concen: 64.180 ng
RT: 14.786 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 779604

Ion	Ratio	Lower	Upper
165	100		
63	35.1	29.0	43.6
89	60.3	49.4	74.2
182	2.6	2.2	3.2

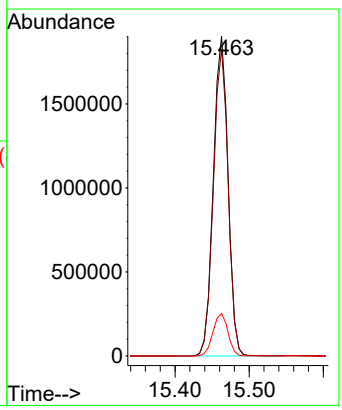


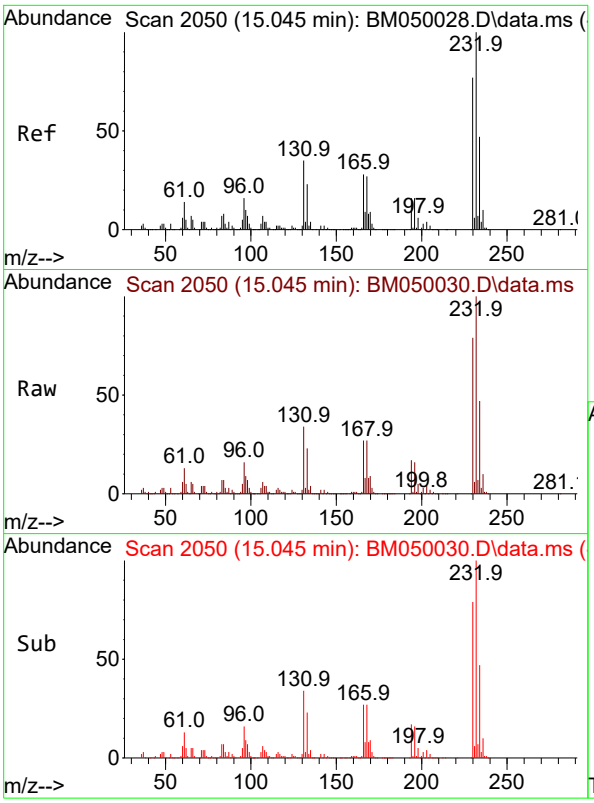


#58
Fluorene
Concen: 61.497 ng
RT: 15.463 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:166 Resp: 2614340

Ion	Ratio	Lower	Upper
166	100		
165	96.0	76.6	115.0
167	13.3	10.6	16.0



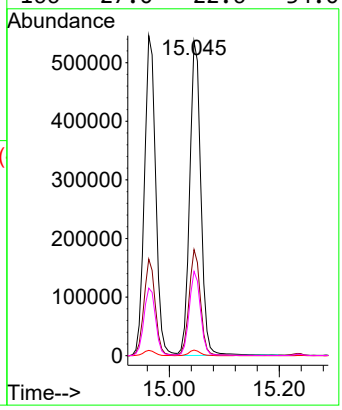


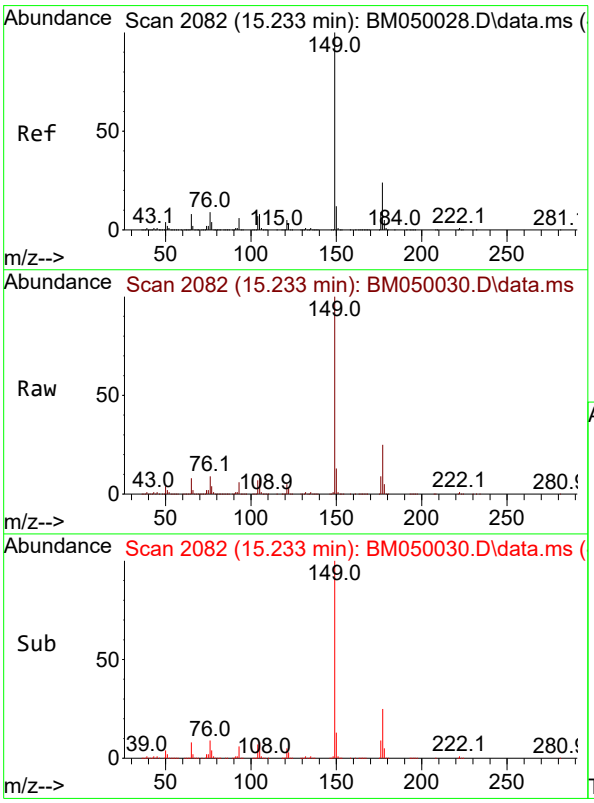
#59
2,3,4,6-Tetrachlorophenol
Concen: 63.213 ng
RT: 15.045 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 752680

Ion	Ratio	Lower	Upper
232	100		
131	34.1	28.2	42.4
130	1.8	1.5	2.3
166	27.0	22.6	34.0

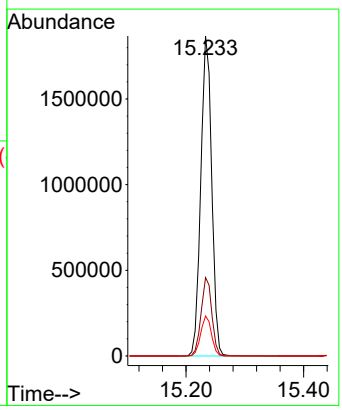


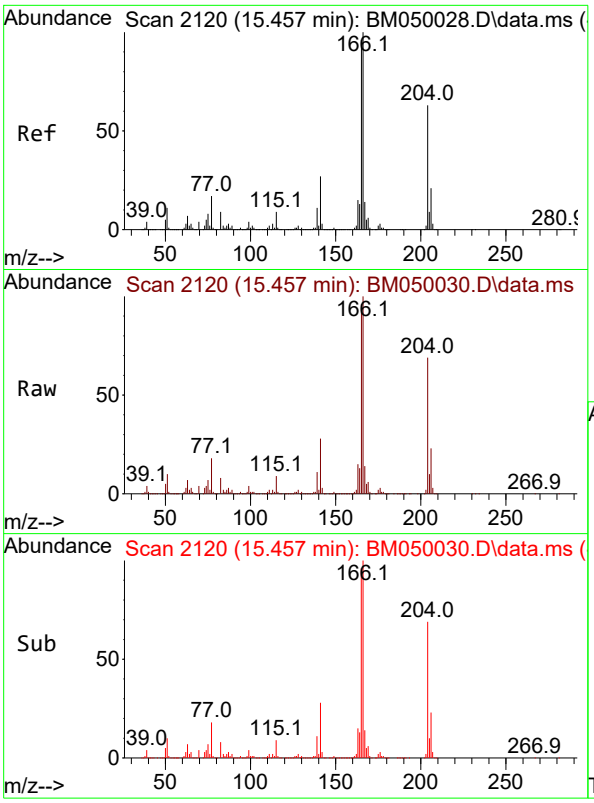


#60
Diethylphthalate
Concen: 59.930 ng
RT: 15.233 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:149 Resp: 2397624

Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.1	28.7
150	12.5	9.6	14.4



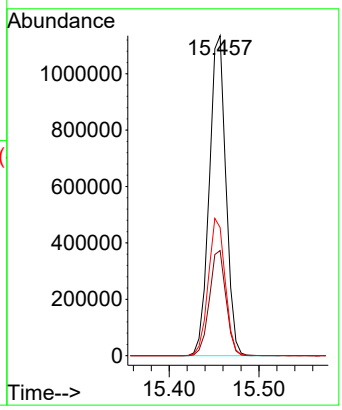


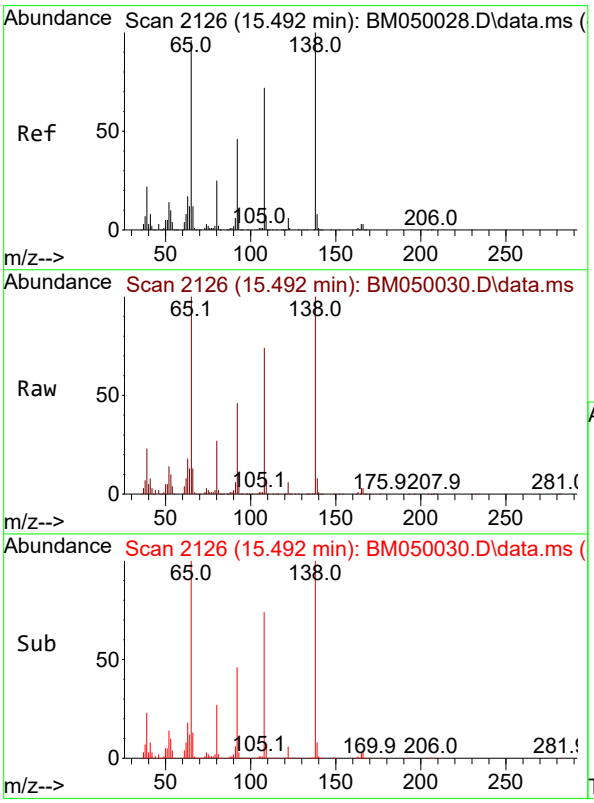
#61
4-Chlorophenyl-phenylether
Concen: 62.403 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 1457099

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.3	39.5
141	40.0	34.0	51.0

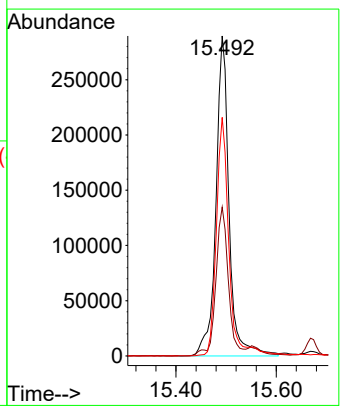


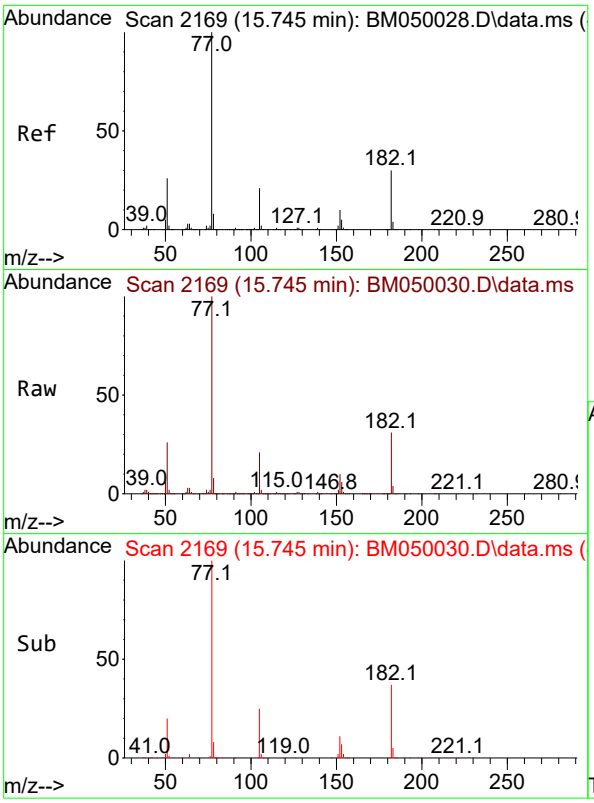


#62
4-Nitroaniline
Concen: 64.776 ng
RT: 15.492 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:138 Resp: 524887

Ion	Ratio	Lower	Upper
138	100		
92	46.5	25.9	65.9
108	74.6	52.4	92.4



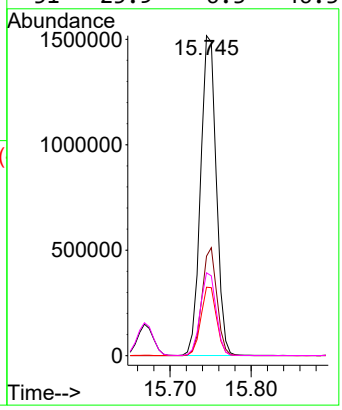


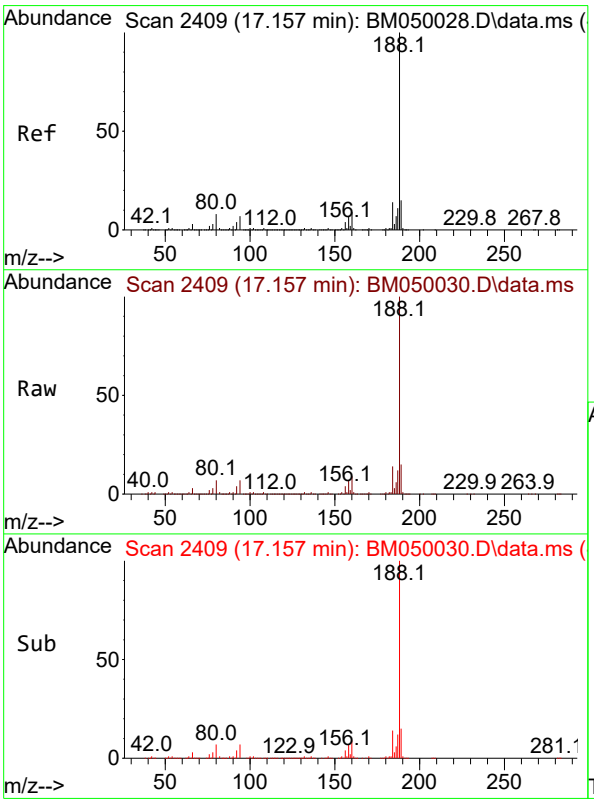
#63
Azobenzene
Concen: 60.550 ng
RT: 15.745 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 2030208

Ion	Ratio	Lower	Upper
77	100		
182	31.1	10.5	50.5
105	21.4	1.1	41.1
51	25.9	6.3	46.3

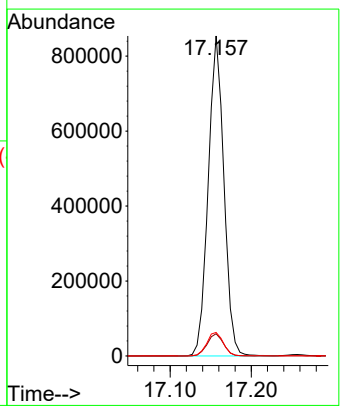


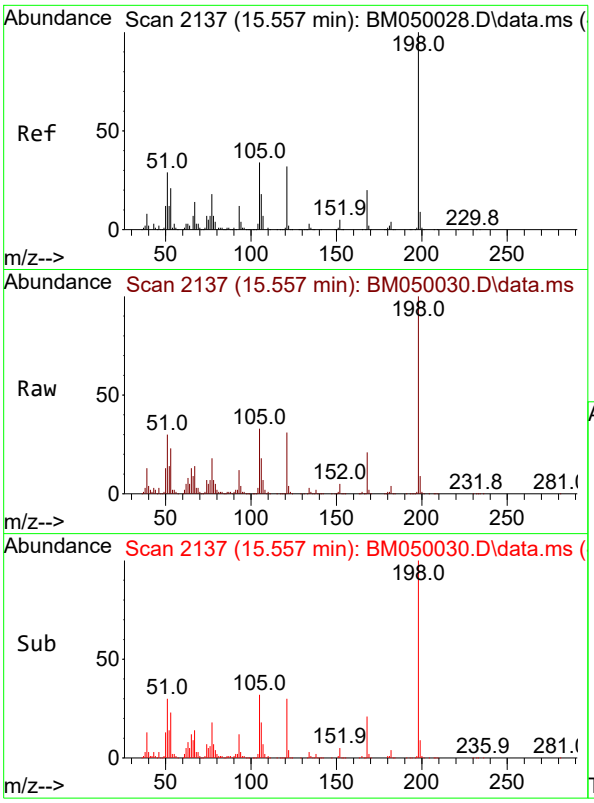


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:188 Resp: 1144389

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.7	8.5
80	7.3	6.2	9.4



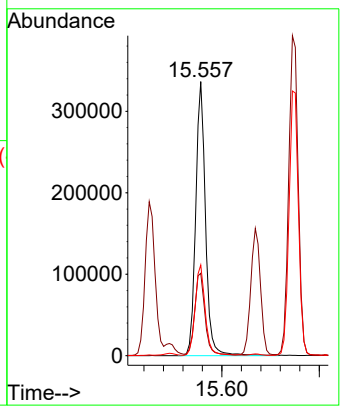


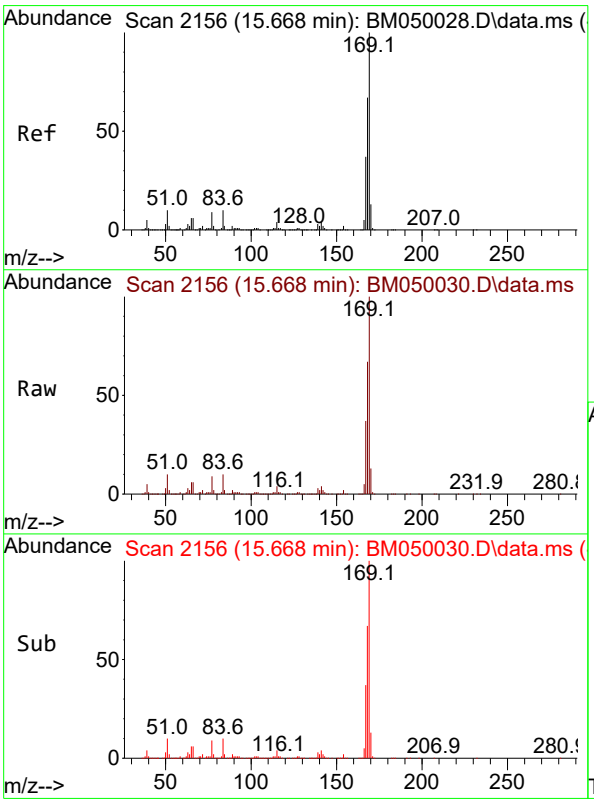
#65
4,6-Dinitro-2-methylphenol
Concen: 66.167 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 473987

Ion	Ratio	Lower	Upper
198	100		
51	30.1	10.4	50.4
105	33.1	14.6	54.6

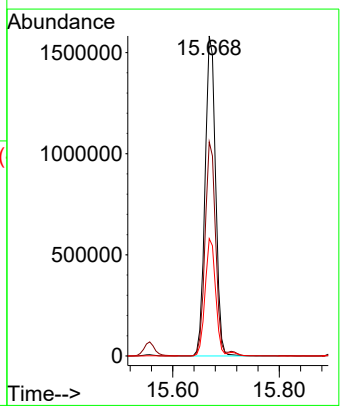


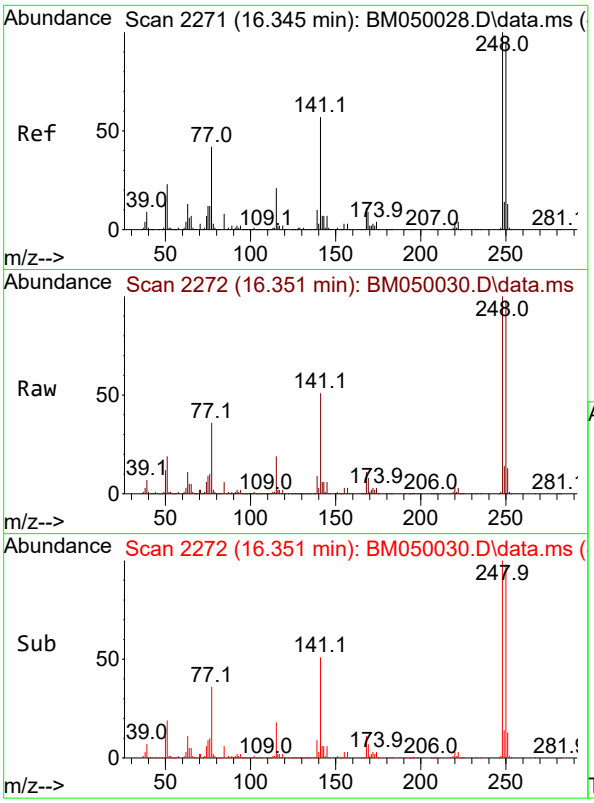


#66
n-Nitrosodiphenylamine
Concen: 61.422 ng
RT: 15.668 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:169 Resp: 2158446

Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.4	80.2
167	36.6	29.4	44.0



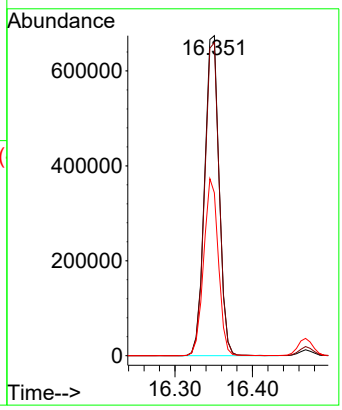


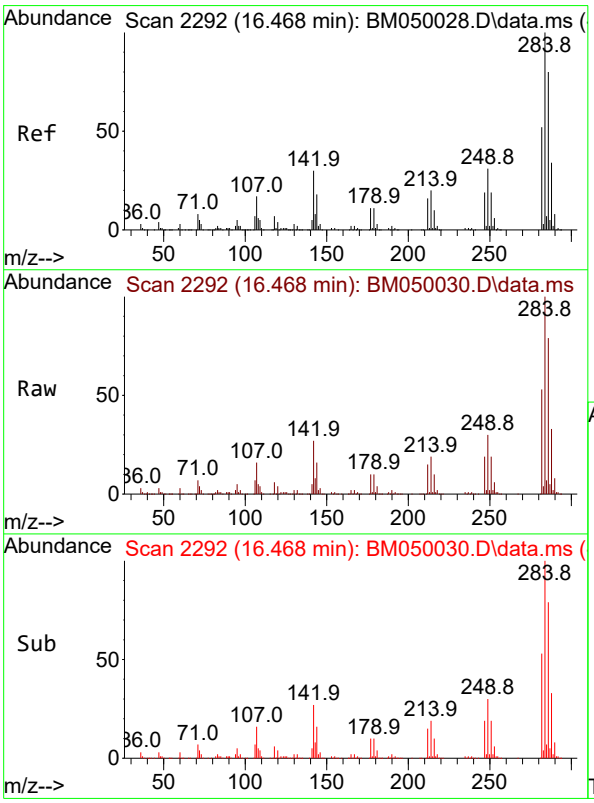
#67
4-Bromophenyl-phenylether
Concen: 63.509 ng
RT: 16.351 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 878886

Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.2	114.2
141	50.9	45.9	68.9

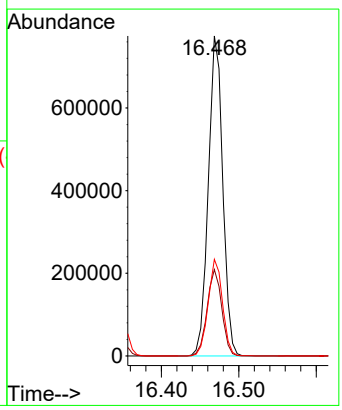


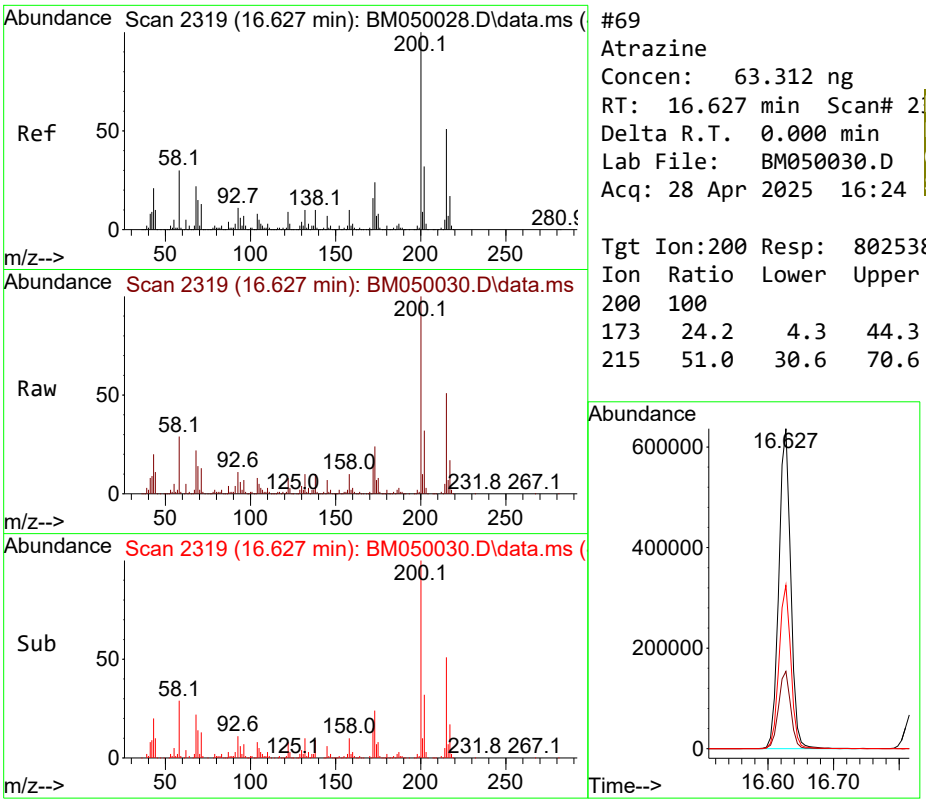


#68
Hexachlorobenzene
Concen: 62.711 ng
RT: 16.468 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:284 Resp: 1000366

Ion	Ratio	Lower	Upper
284	100		
142	27.0	23.9	35.9
249	30.2	24.5	36.7



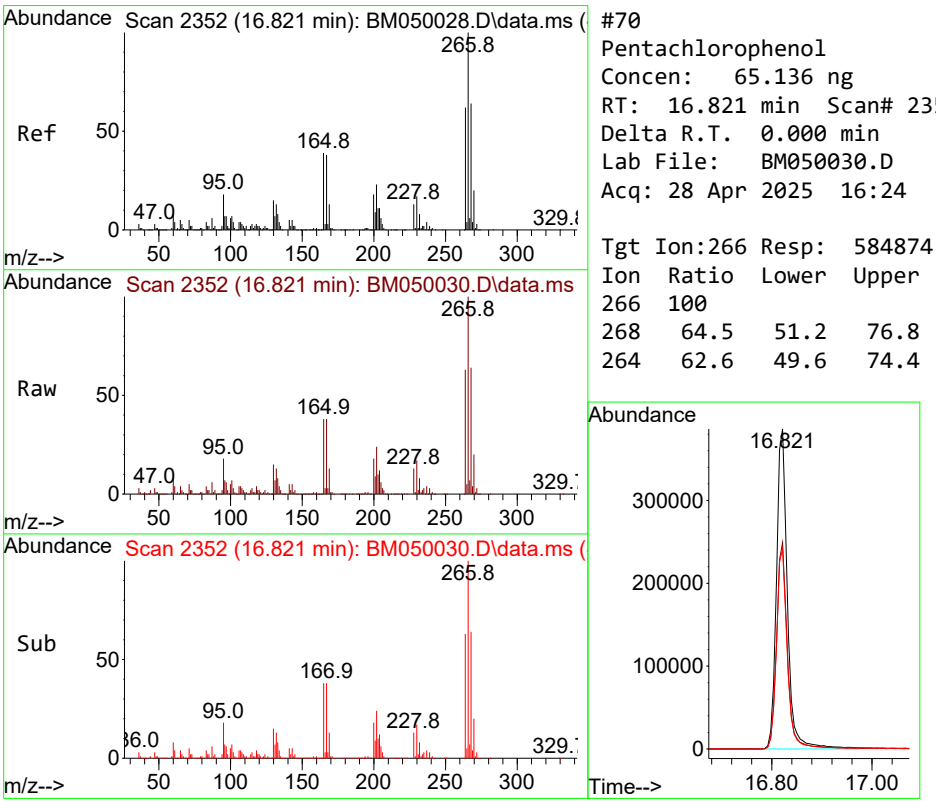


#69
Atrazine
Concen: 63.312 ng
RT: 16.627 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 802538

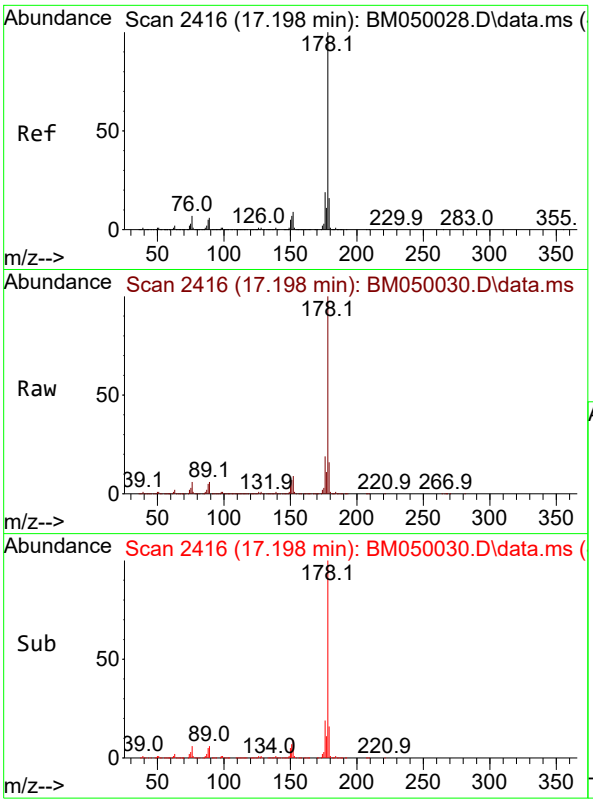
Ion	Ratio	Lower	Upper
200	100		
173	24.2	4.3	44.3
215	51.0	30.6	70.6



#70
Pentachlorophenol
Concen: 65.136 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:266 Resp: 584874

Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.2	76.8
264	62.6	49.6	74.4

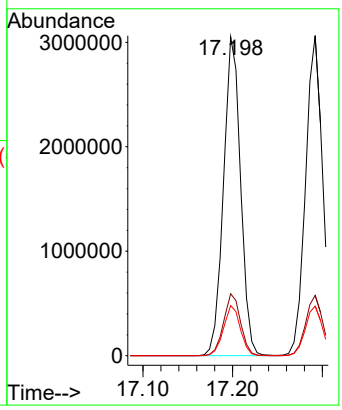


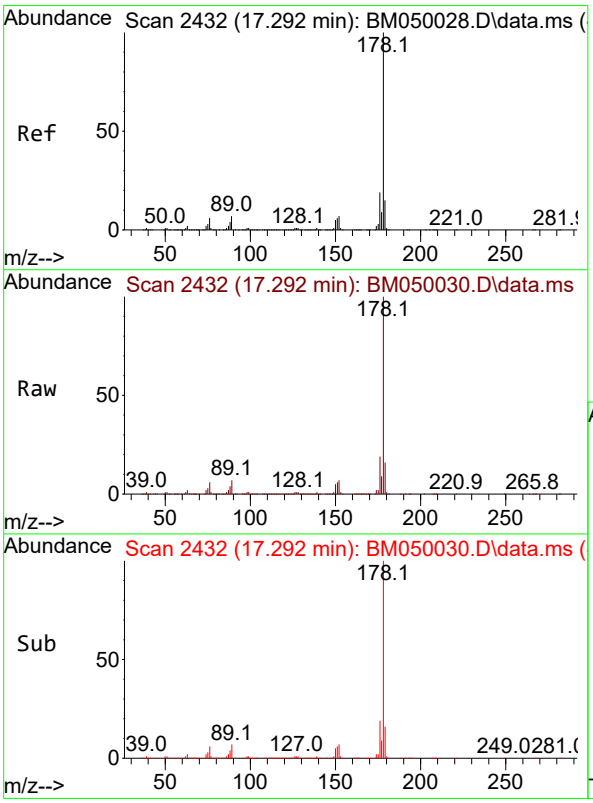
#71
Phenanthrene
Concen: 62.410 ng
RT: 17.198 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 4028280

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.7	12.4	18.6

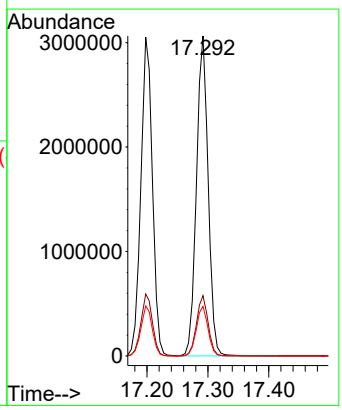


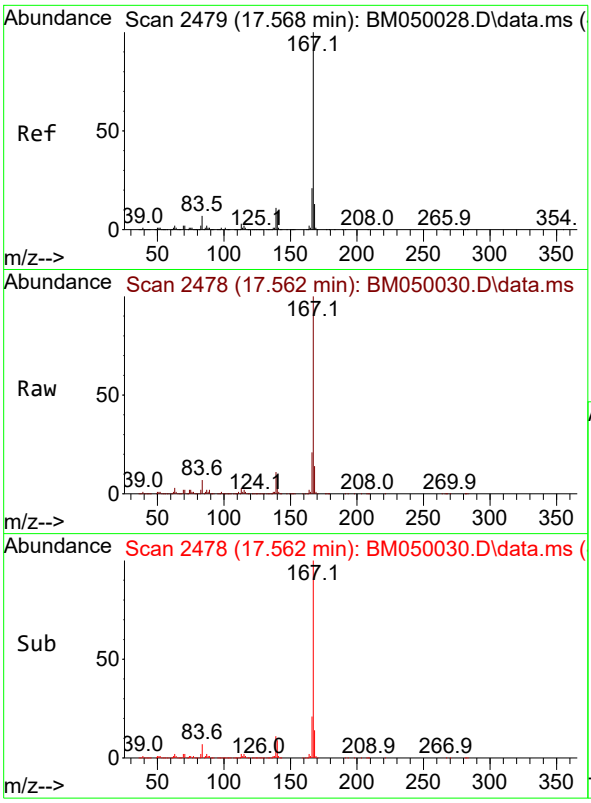


#72
Anthracene
Concen: 62.590 ng
RT: 17.292 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:178 Resp: 4088295

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.5	12.2	18.4



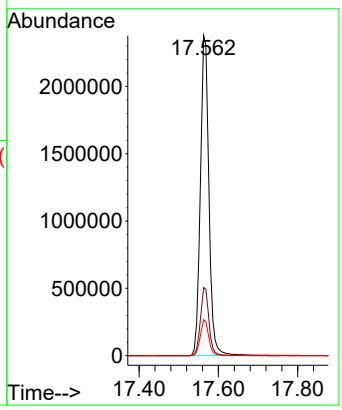


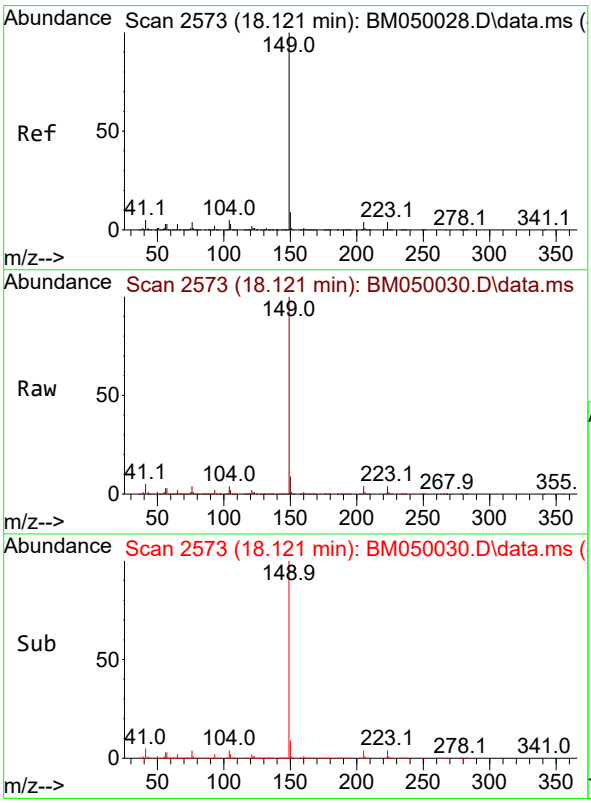
#73
Carbazole
Concen: 62.854 ng
RT: 17.562 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 3562573

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	11.3	9.0	13.6

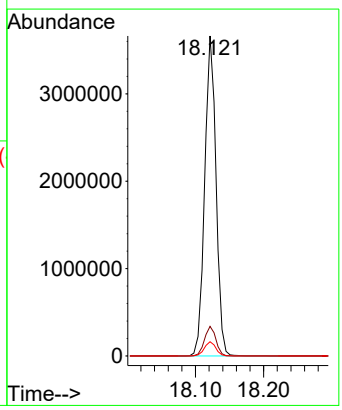


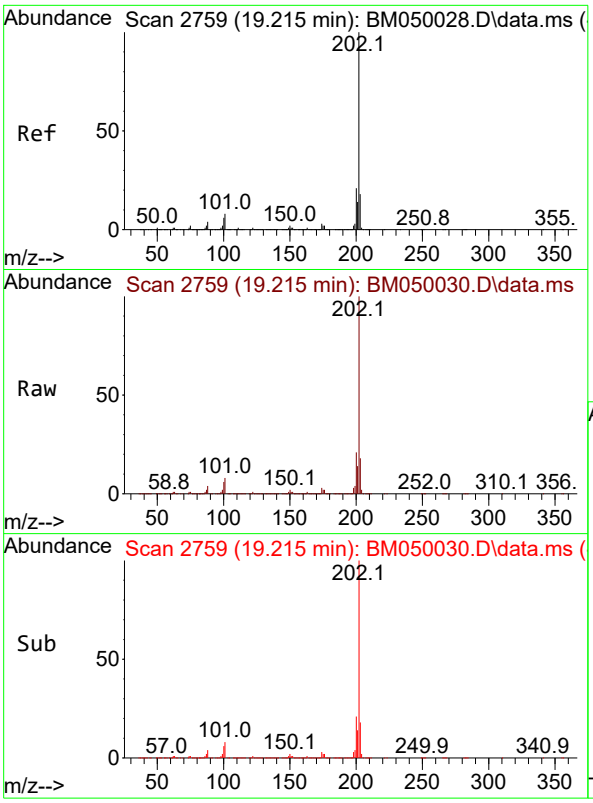


#74
Di-n-butylphthalate
Concen: 62.607 ng
RT: 18.121 min Scan# 2573
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:149 Resp: 4225922

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.5	3.8	5.6



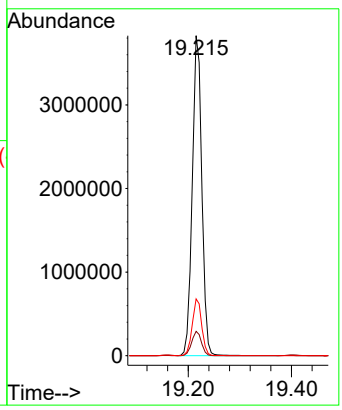


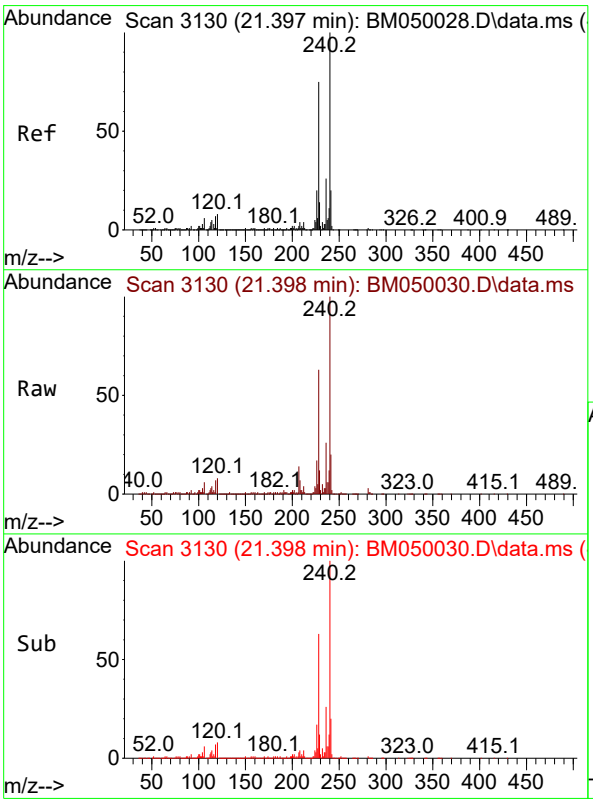
#75
Fluoranthene
Concen: 64.546 ng
RT: 19.215 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 4891273

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	28.0
203	17.8	0.0	37.7

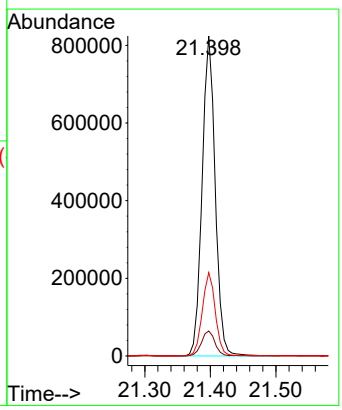


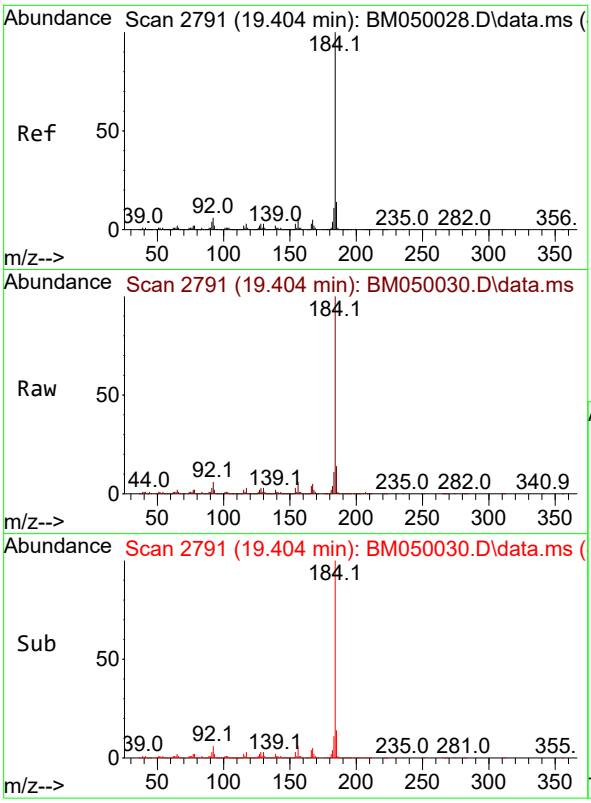


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. 0.001 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:240 Resp: 1144881

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.5	9.7
236	26.1	20.9	31.3



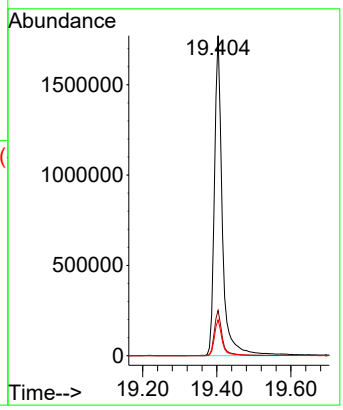


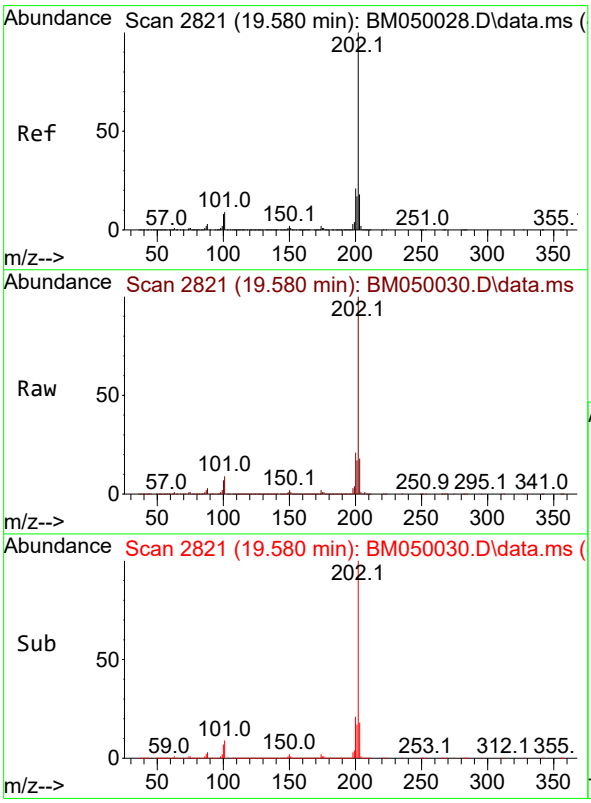
#77
Benzidine
Concen: 64.592 ng
RT: 19.404 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 2626747

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	11.2	8.9	13.3

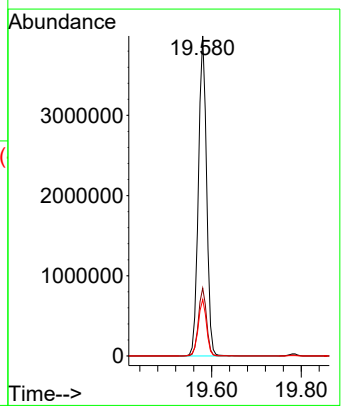


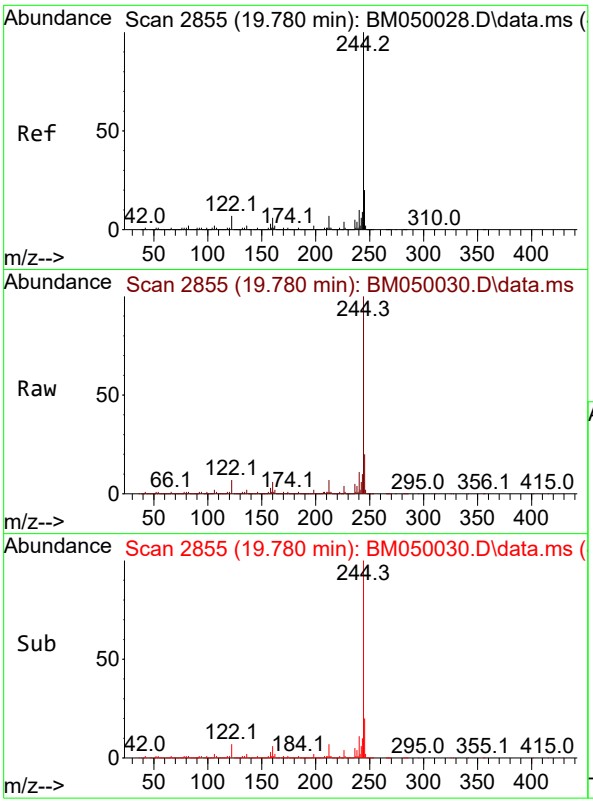


#78
Pyrene
Concen: 62.565 ng
RT: 19.580 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:202 Resp: 5030035

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.6	14.1	21.1



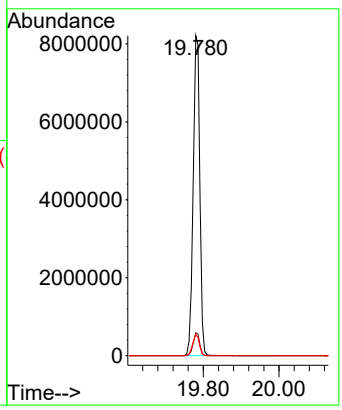


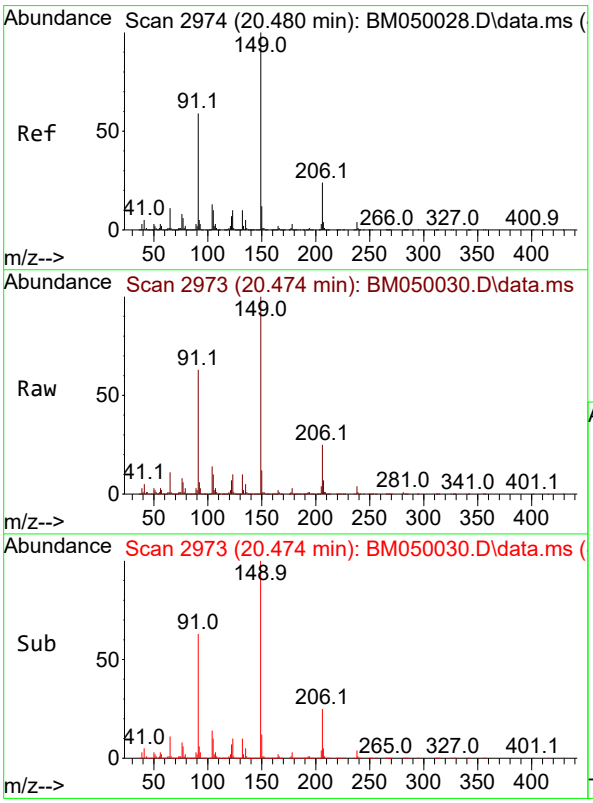
#79
Terphenyl-d14
Concen: 129.471 ng
RT: 19.780 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp:10017186

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	6.6	5.6	8.4

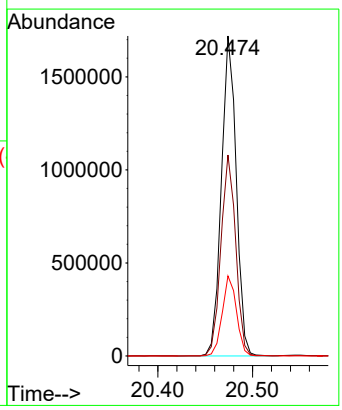


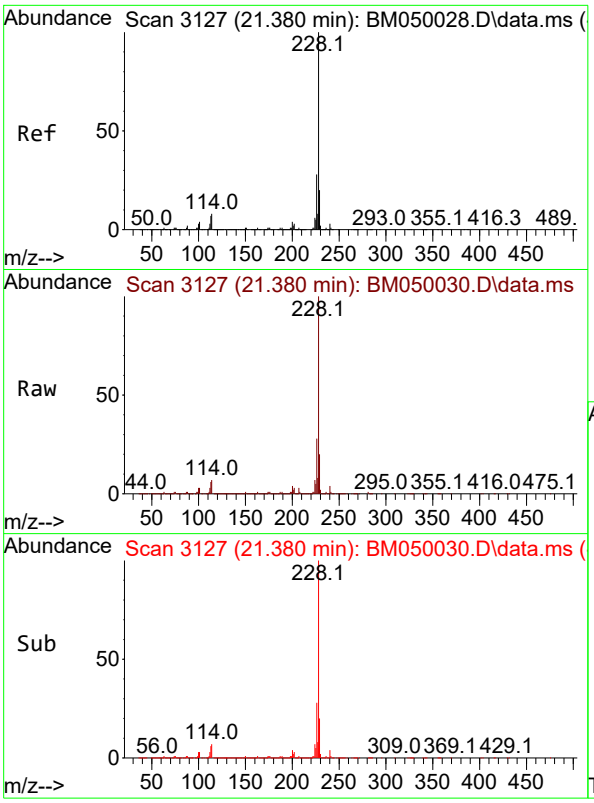


#80
Butylbenzylphthalate
Concen: 62.216 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:149 Resp: 1873444

Ion	Ratio	Lower	Upper
149	100		
91	62.8	47.4	71.2
206	25.0	19.4	29.0



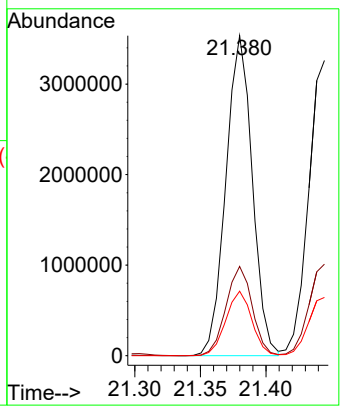


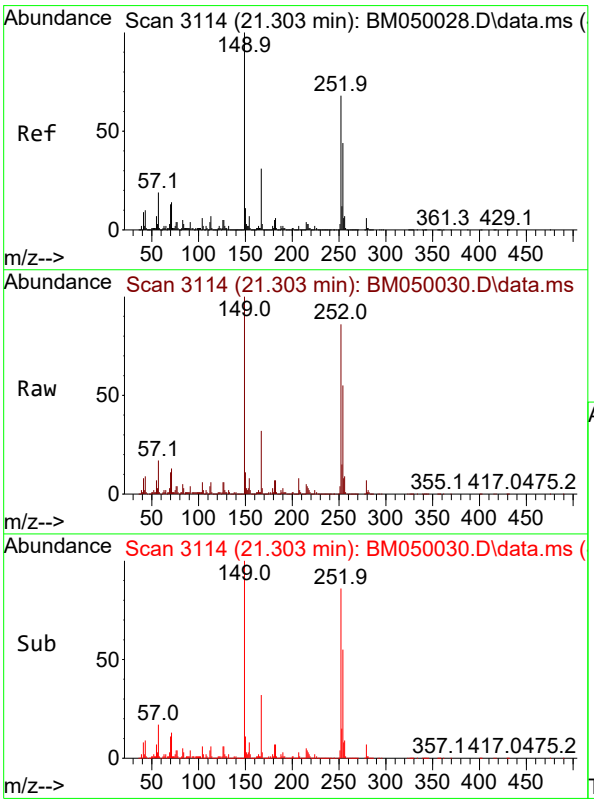
#81
Benzo(a)anthracene
Concen: 62.841 ng
RT: 21.380 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 4954357

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.1	33.1
229	20.2	15.7	23.5

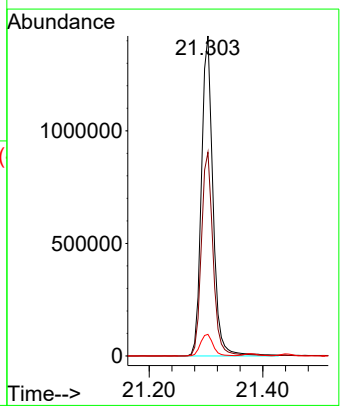


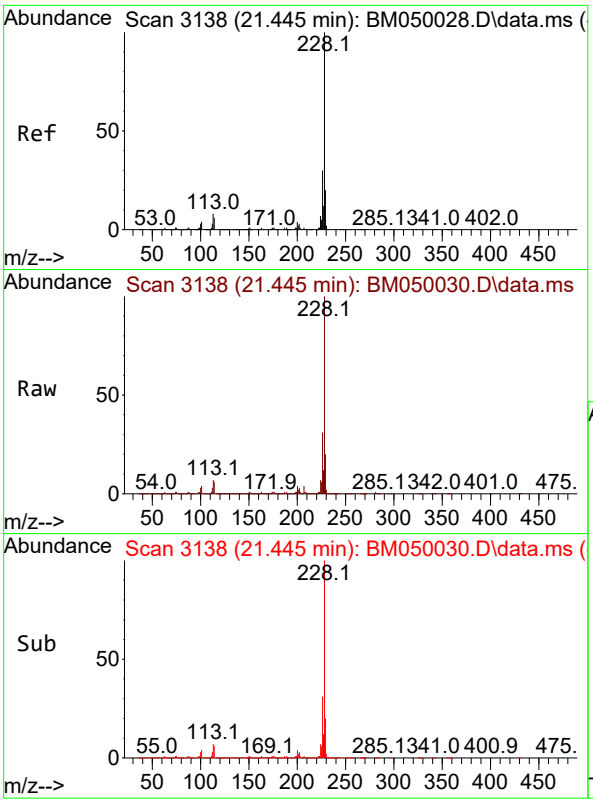


#82
3,3'-Dichlorobenzidine
Concen: 66.368 ng
RT: 21.303 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:252 Resp: 2003019

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.8	77.6
126	6.7	6.0	9.0



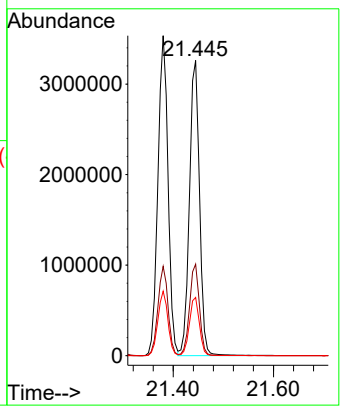


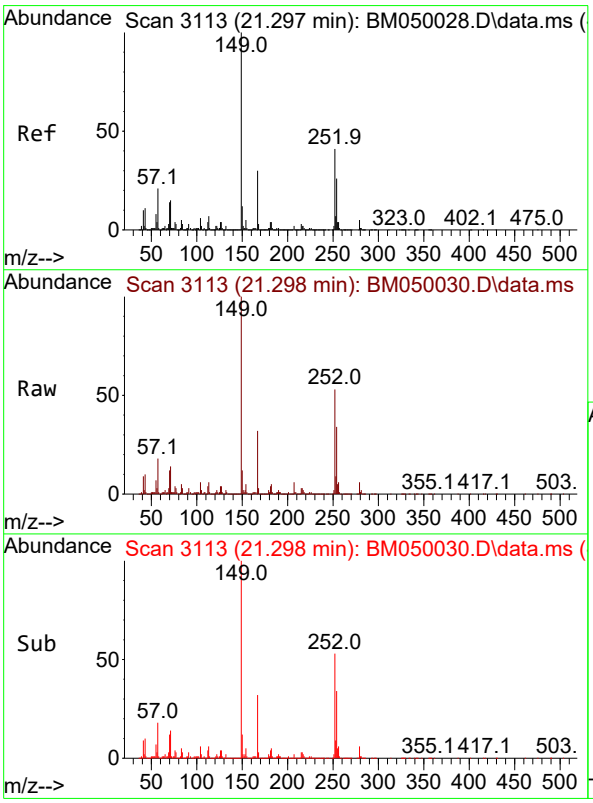
#83
Chrysene
Concen: 62.348 ng
RT: 21.445 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 4549388

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.2
229	19.7	15.7	23.5

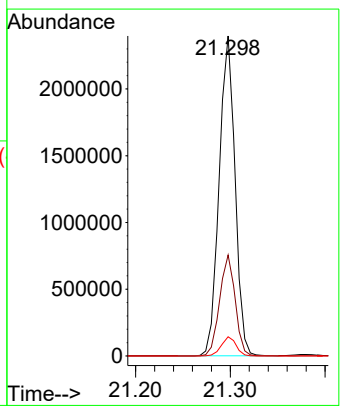


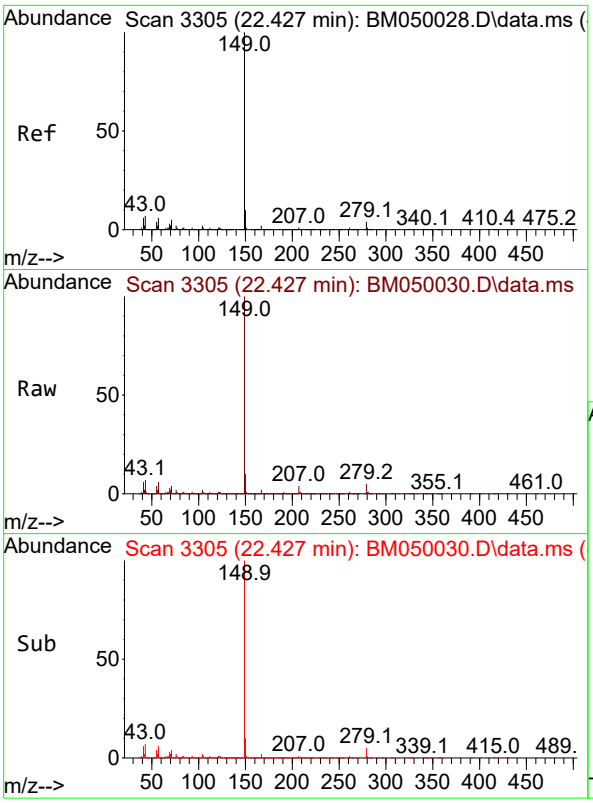


#84
Bis(2-ethylhexyl)phthalate
Concen: 62.192 ng
RT: 21.298 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:149 Resp: 2797195

Ion	Ratio	Lower	Upper
149	100		
167	31.6	24.1	36.1
279	6.0	3.9	5.9#



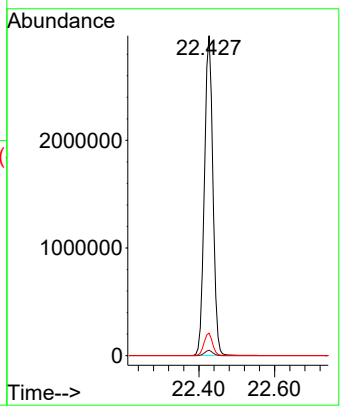


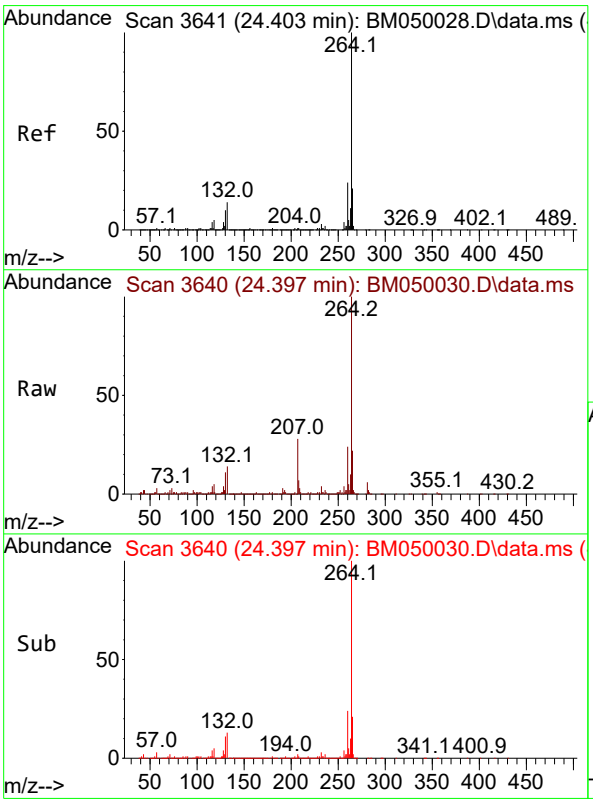
#85
Di-n-octyl phthalate
Concen: 62.095 ng
RT: 22.427 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 4605837

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.1	5.8	8.8

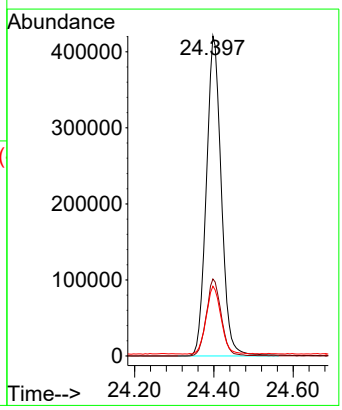


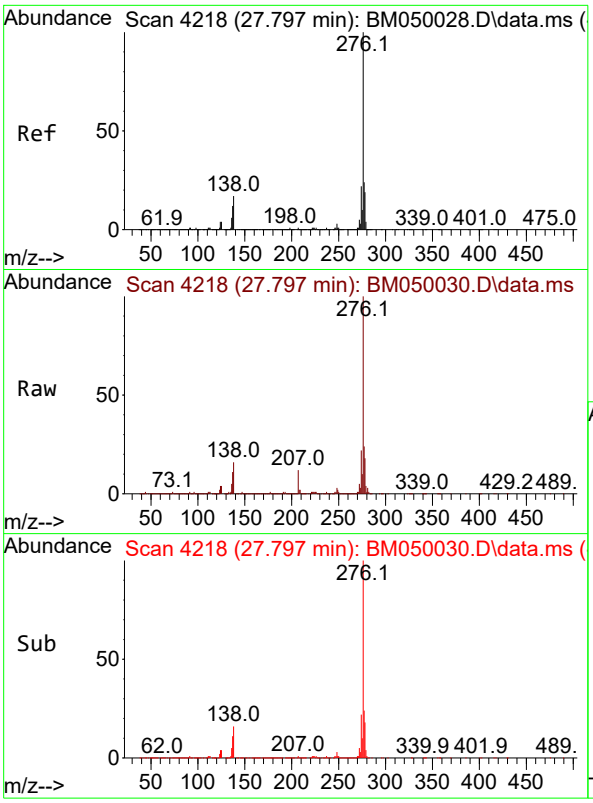


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:264 Resp: 1099459

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	21.8	17.0	25.4



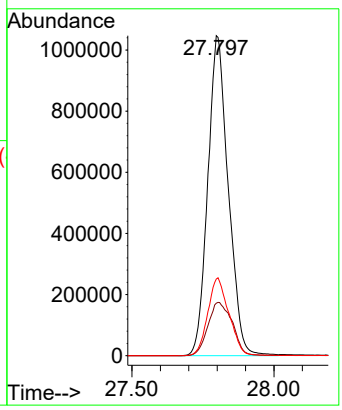


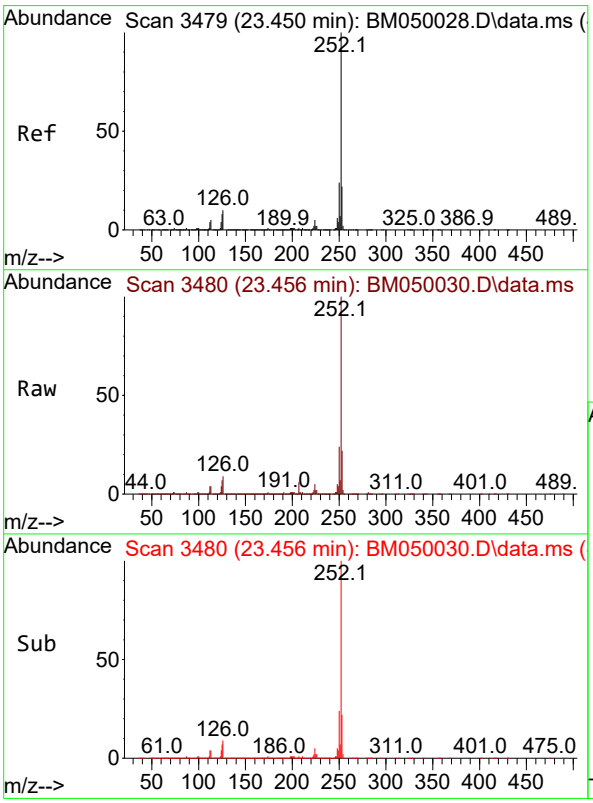
#87
Indeno(1,2,3-cd)pyrene
Concen: 64.068 ng
RT: 27.797 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 5248662

Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.4	24.6
277	25.1	19.8	29.8

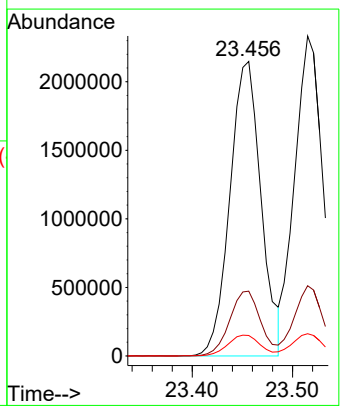


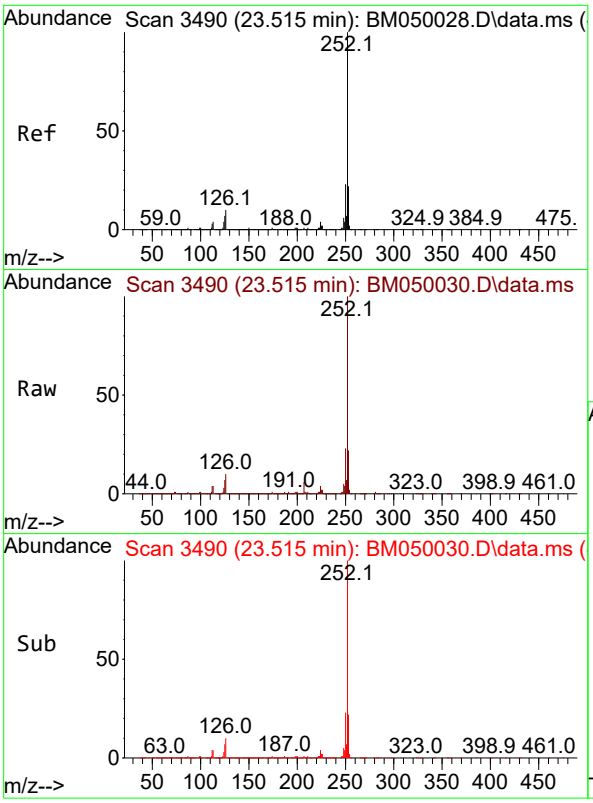


#88
Benzo(b)fluoranthene
Concen: 64.936 ng
RT: 23.456 min Scan# 3480
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:252 Resp: 4643026

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	6.9	6.1	9.1



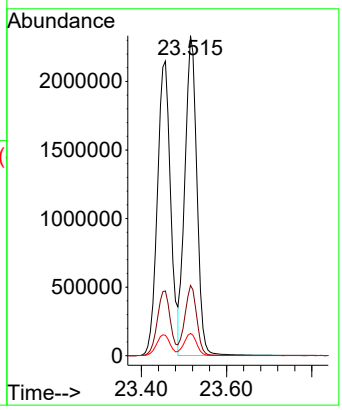


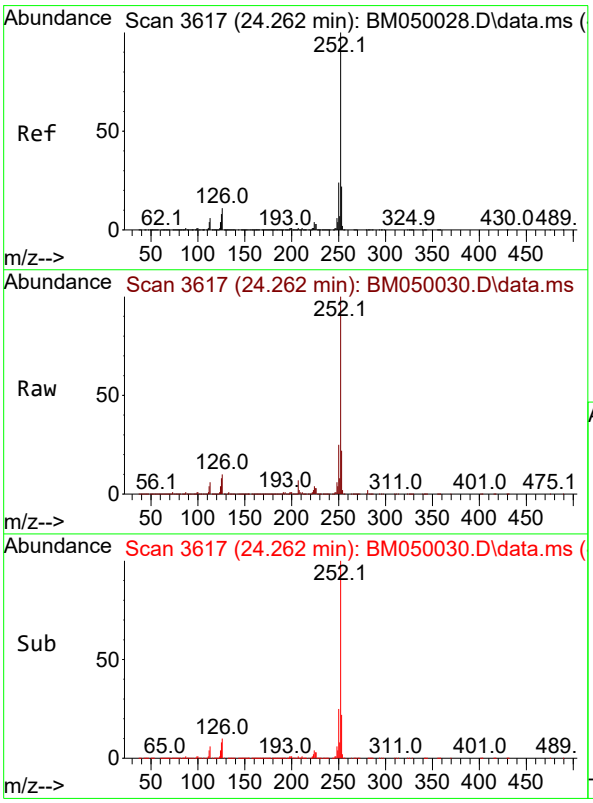
#89
Benzo(k)fluoranthene
Concen: 63.050 ng
RT: 23.515 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 4561134

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	7.0	5.8	8.8

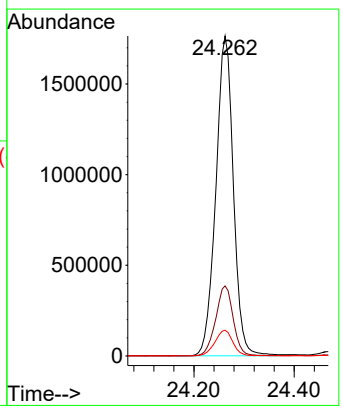


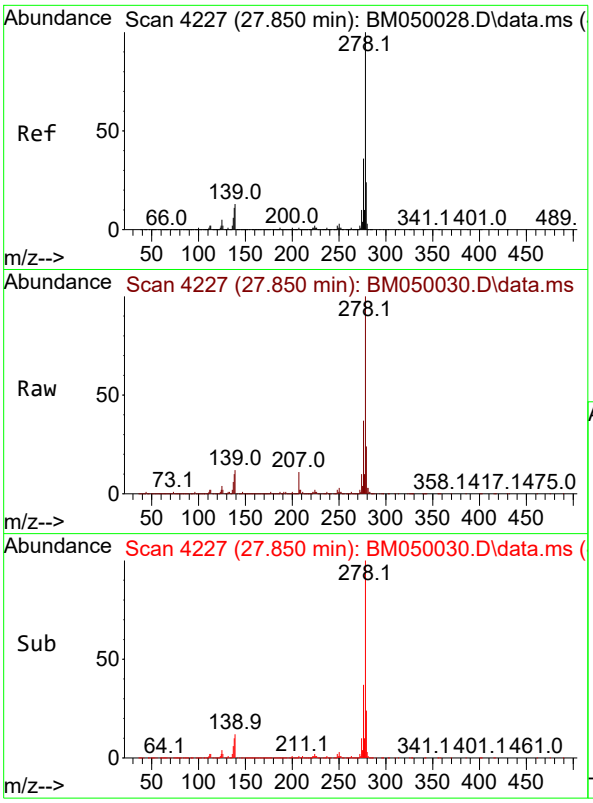


#90
Benzo(a)pyrene
Concen: 63.936 ng
RT: 24.262 min Scan# 3617
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:252 Resp: 4281665

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	8.0	6.6	9.8



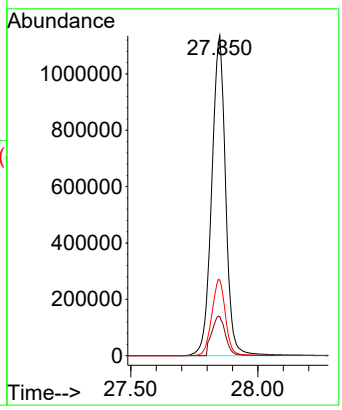


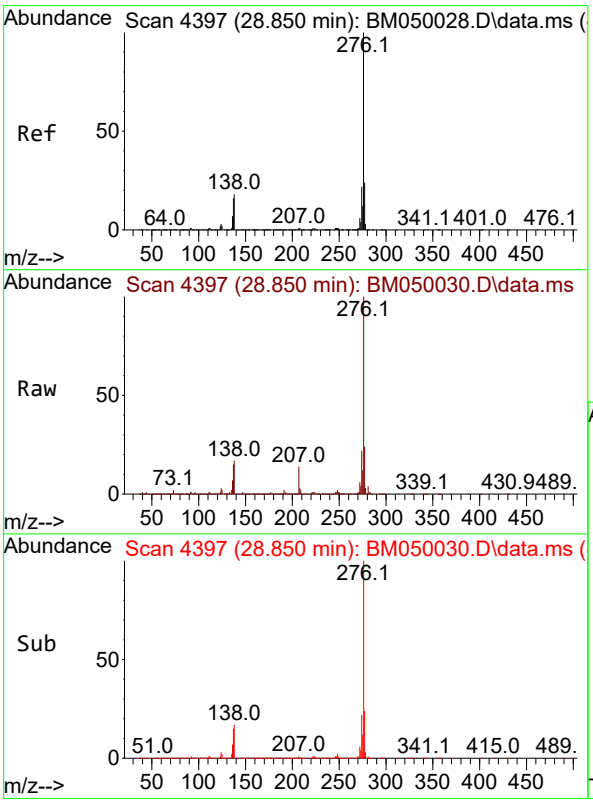
#91
Dibenzo(a,h)anthracene
Concen: 64.478 ng
RT: 27.850 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 4305928

Ion	Ratio	Lower	Upper
278	100		
139	12.3	10.5	15.7
279	23.6	19.4	29.0

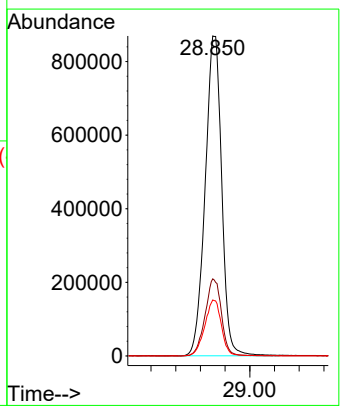




#92
Benzo(g,h,i)perylene
Concen: 63.142 ng
RT: 28.850 min Scan# 4397
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:276 Resp: 4036958

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.1	28.7
138	17.5	14.3	21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050031.D
Acq On : 28 Apr 2025 17:04
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Apr 28 17:59:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	251380	20.000	ng		0.00
21) Naphthalene-d8	10.563	136	931435	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	613490	20.000	ng		0.00
64) Phenanthrene-d10	17.156	188	1212251	20.000	ng		0.00
76) Chrysene-d12	21.397	240	1197780	20.000	ng		0.00
86) Perylene-d12	24.397	264	1141905	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	2297313	160.027	ng		0.00
7) Phenol-d6	6.957	99	2954036	163.719	ng		0.00
23) Nitrobenzene-d5	8.933	82	2984192	157.875	ng		0.00
42) 2,4,6-Tribromophenol	15.909	330	1586083	174.847	ng		0.00
45) 2-Fluorobiphenyl	13.033	172	8283812	159.736	ng		0.00
79) Terphenyl-d14	19.780	244	11877110	146.730	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.251	88	475912	77.317	ng		99
3) Pyridine	3.657	79	1267903	80.171	ng		99
4) n-Nitrosodimethylamine	3.563	42	492501	79.400	ng		99
6) Aniline	7.098	93	1845033	80.979	ng		99
8) 2-Chlorophenol	7.339	128	1241711	79.998	ng		100
9) Benzaldehyde	6.910	77	898993	74.544	ng		99
10) Phenol	6.981	94	1491194	81.638	ng		98
11) bis(2-Chloroethyl)ether	7.192	93	1224517	80.283	ng		99
12) 1,3-Dichlorobenzene	7.657	146	1460820	77.912	ng		100
13) 1,4-Dichlorobenzene	7.804	146	1465881	77.822	ng		99
14) 1,2-Dichlorobenzene	8.122	146	1412270	77.618	ng		99
15) Benzyl Alcohol	8.016	79	1055328	84.339	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	1440484	77.694	ng		100
17) 2-Methylphenol	8.228	107	980375	81.473	ng		99
18) Hexachloroethane	8.845	117	513126	76.632	ng		98
19) n-Nitroso-di-n-propyla...	8.581	70	933468	80.665	ng		99
20) 3+4-Methylphenols	8.557	107	1348190	82.965	ng		99
22) Acetophenone	8.592	105	1815657	78.406	ng	#	99
24) Nitrobenzene	8.975	77	1289068	78.871	ng		99
25) Isophorone	9.504	82	2559279	79.430	ng		100
26) 2-Nitrophenol	9.680	139	710174	85.053	ng		99
27) 2,4-Dimethylphenol	9.751	122	1136040	82.043	ng		99
28) bis(2-Chloroethoxy)met...	9.975	93	1581985	79.437	ng		99
29) 2,4-Dichlorophenol	10.222	162	1275806	82.243	ng		99
30) 1,2,4-Trichlorobenzene	10.427	180	1485344	78.590	ng		99
31) Naphthalene	10.610	128	3686066	78.143	ng		100
32) Benzoic acid	9.951	122	800660	90.660	ng		97
33) 4-Chloroaniline	10.727	127	1575909	81.508	ng		99
34) Hexachlorobutadiene	10.898	225	959905	80.012	ng		99
35) Caprolactam	11.539	113	371164	82.060	ng		98
36) 4-Chloro-3-methylphenol	11.869	107	1152624	80.424	ng		99
37) 2-Methylnaphthalene	12.227	142	2525532	79.858	ng		99
38) 1-Methylnaphthalene	12.451	142	2645483	79.045	ng		99
40) 1,2,4,5-Tetrachloroben...	12.604	216	1799698	84.742	ng		99
41) Hexachlorocyclopentadiene	12.580	237	1185418	91.336	ng		99
43) 2,4,6-Trichlorophenol	12.851	196	1151641	85.496	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050031.D
Acq On : 28 Apr 2025 17:04
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Apr 28 17:59:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

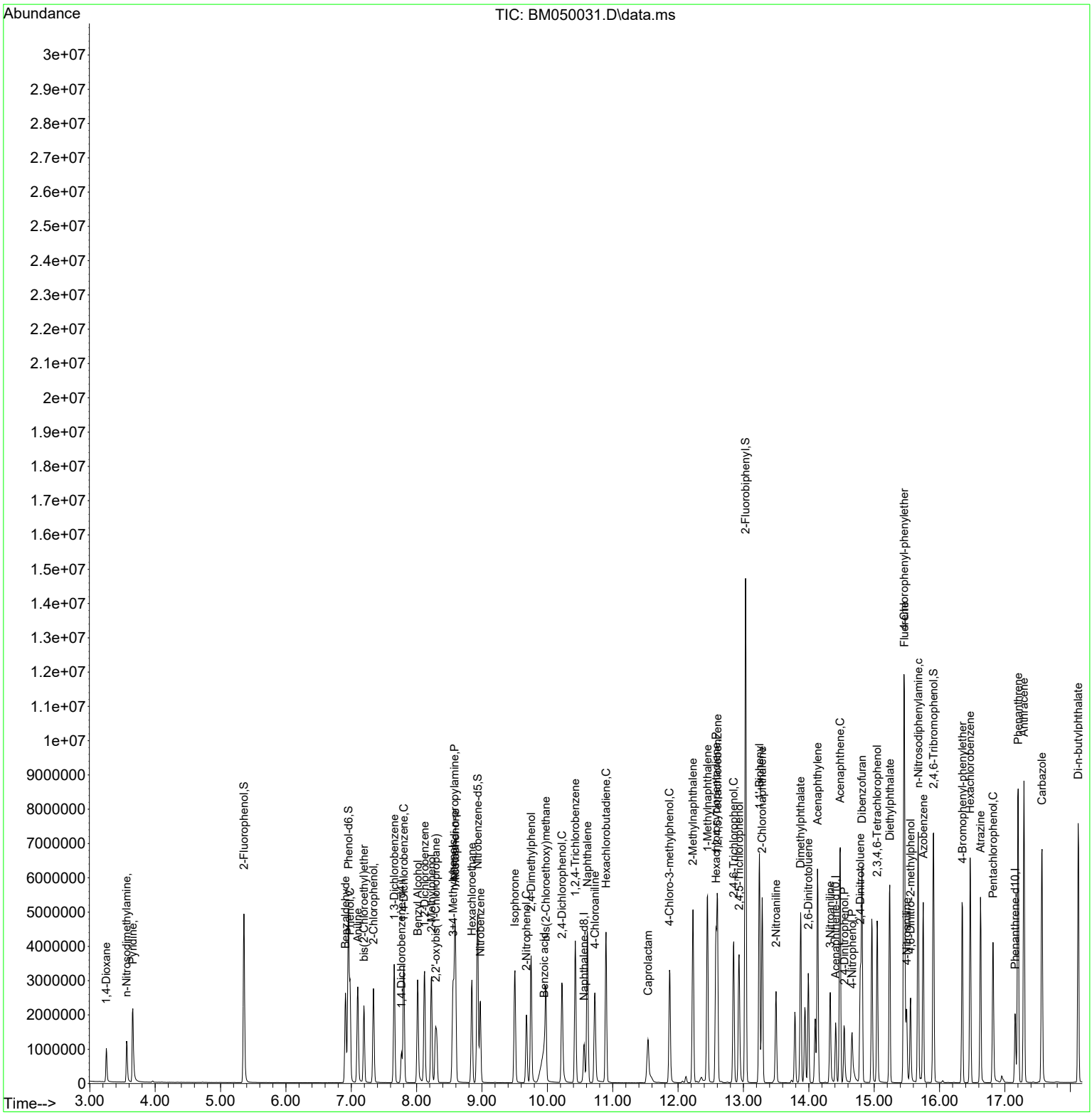
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	1220306	84.011	ng		98
46) 1,1'-Biphenyl	13.245	154	3613893	79.246	ng		99
47) 2-Chloronaphthalene	13.286	162	2842514	78.700	ng		99
48) 2-Nitroaniline	13.498	65	701256	82.725	ng		99
49) Acenaphthylene	14.133	152	4526874	79.492	ng		99
50) Dimethylphthalate	13.874	163	3507333	78.228	ng		99
51) 2,6-Dinitrotoluene	13.992	165	758296	81.689	ng		99
52) Acenaphthene	14.480	154	2618967	79.452	ng		100
53) 3-Nitroaniline	14.327	138	740202	83.521	ng		100
54) 2,4-Dinitrophenol	14.545	184	469472	79.096	ng		98
55) Dibenzofuran	14.815	168	4325783	78.875	ng		99
56) 4-Nitrophenol	14.662	139	566943	78.710	ng		99
57) 2,4-Dinitrotoluene	14.786	165	1080118	84.207	ng		96
58) Fluorene	15.462	166	3565506	79.426	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	1057707	84.123	ng		96
60) Diethylphthalate	15.239	149	3257954	77.118	ng		97
61) 4-Chlorophenyl-phenyle...	15.457	204	2051105	83.186	ng		96
62) 4-Nitroaniline	15.498	138	724549	84.678	ng		99
63) Azobenzene	15.751	77	2723186	76.914	ng		95
65) 4,6-Dinitro-2-methylph...	15.557	198	665798	87.741	ng		96
66) n-Nitrosodiphenylamine	15.674	169	2957293	79.443	ng		99
67) 4-Bromophenyl-phenylether	16.351	248	1225531	83.600	ng		94
68) Hexachlorobenzene	16.468	284	1412768	83.606	ng		95
69) Atrazine	16.627	200	1116818	83.174	ng		100
70) Pentachlorophenol	16.821	266	843195	88.648	ng		99
71) Phenanthrene	17.203	178	5487968	80.266	ng		99
72) Anthracene	17.292	178	5597195	80.893	ng		99
73) Carbazole	17.568	167	4845637	80.705	ng		99
74) Di-n-butylphthalate	18.121	149	5649166	79.007	ng		99
75) Fluoranthene	19.221	202	6841999	85.234	ng		99
77) Benzidine	19.403	184	3598340	84.575	ng		100
78) Pyrene	19.580	202	6959279	82.738	ng		99
80) Butylbenzylphthalate	20.474	149	2512705	79.760	ng		97
81) Benzo(a)anthracene	21.380	228	6747718	81.808	ng		99
82) 3,3'-Dichlorobenzidine	21.303	252	2782107	88.111	ng		99
83) Chrysene	21.444	228	6207632	81.316	ng		98
84) Bis(2-ethylhexyl)phtha...	21.297	149	3665836	77.905	ng	#	96
85) Di-n-octyl phthalate	22.427	149	6109632	78.732	ng		99
87) Indeno(1,2,3-cd)pyrene	27.803	276	7285836	85.629	ng		98
88) Benzo(b)fluoranthene	23.456	252	6347901	85.480	ng		99
89) Benzo(k)fluoranthene	23.521	252	6265924	83.396	ng		99
90) Benzo(a)pyrene	24.262	252	5925652	85.195	ng		99
91) Dibenzo(a,h)anthracene	27.850	278	5981478	86.239	ng		99
92) Benzo(g,h,i)perylene	28.862	276	5537637	83.395	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050031.D
Acq On : 28 Apr 2025 17:04
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

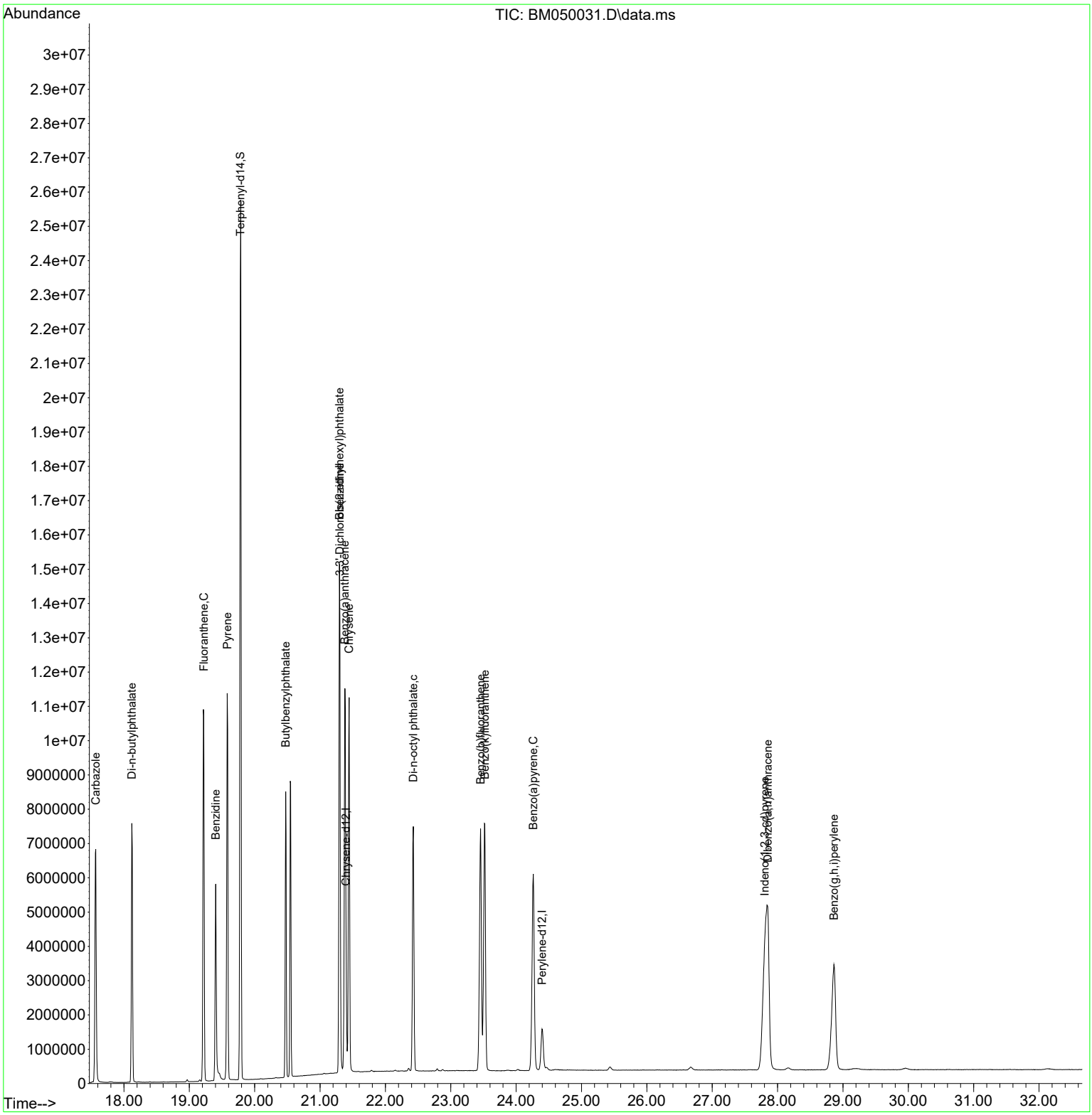
Quant Time: Apr 28 17:59:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

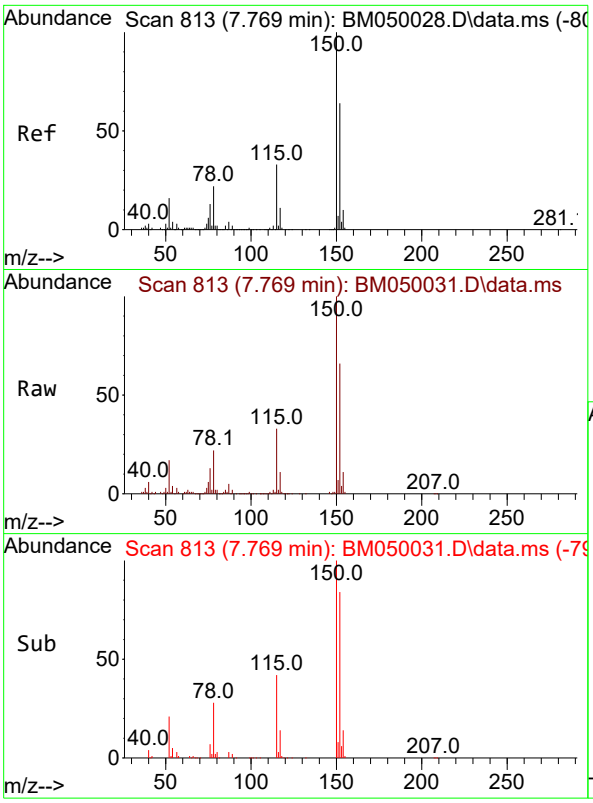


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050031.D
Acq On : 28 Apr 2025 17:04
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Apr 28 17:59:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration



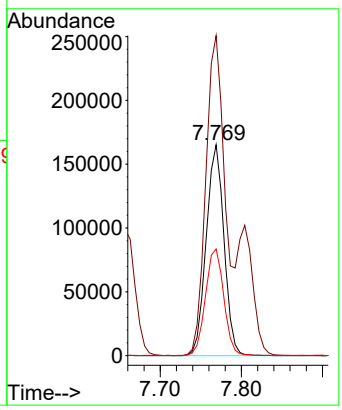


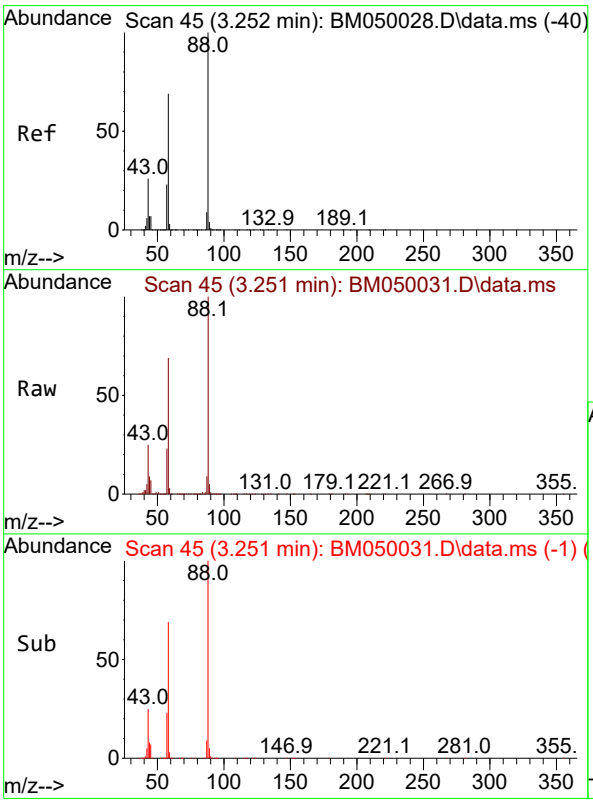
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 251380

Ion	Ratio	Lower	Upper
152	100		
150	151.7	124.1	186.1
115	50.6	41.2	61.8

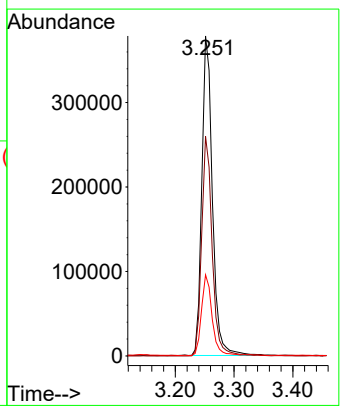


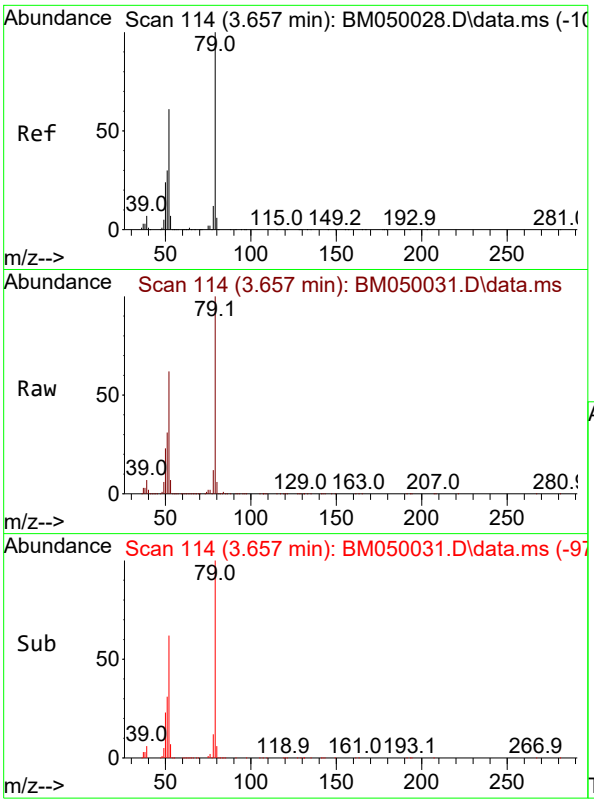


#2
1,4-Dioxane
Concen: 77.317 ng
RT: 3.251 min Scan# 45
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 88 Resp: 475912

Ion	Ratio	Lower	Upper
88	100		
58	68.0	55.1	82.7
43	25.3	20.9	31.3



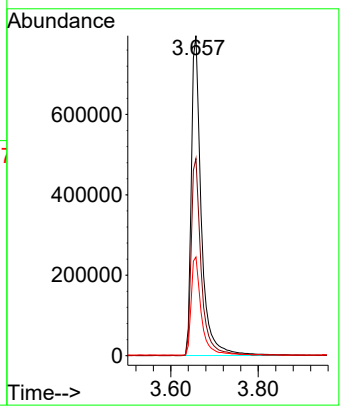


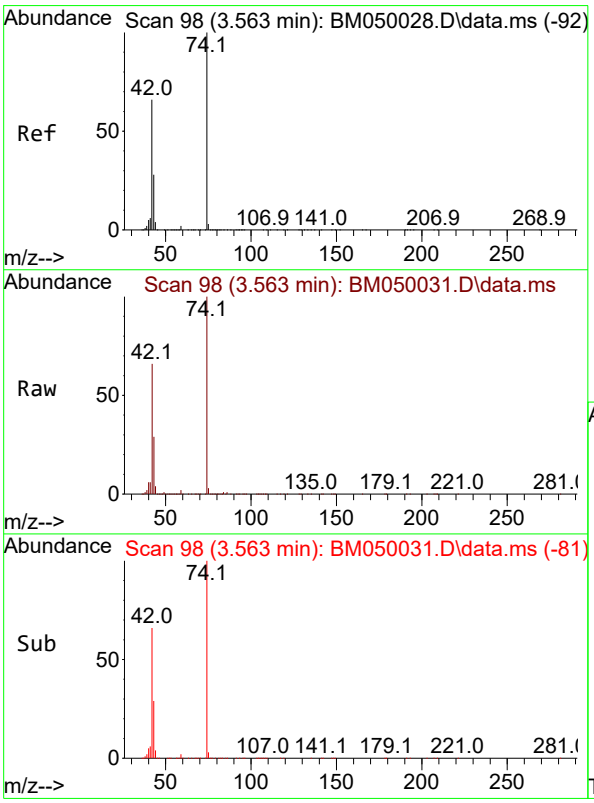
#3
Pyridine
Concen: 80.171 ng
RT: 3.657 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 1267903

Ion	Ratio	Lower	Upper
79	100		
52	61.6	48.6	72.8
51	30.8	24.6	37.0

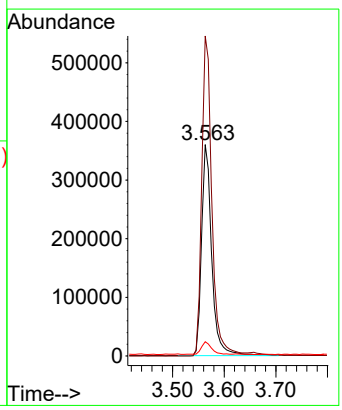


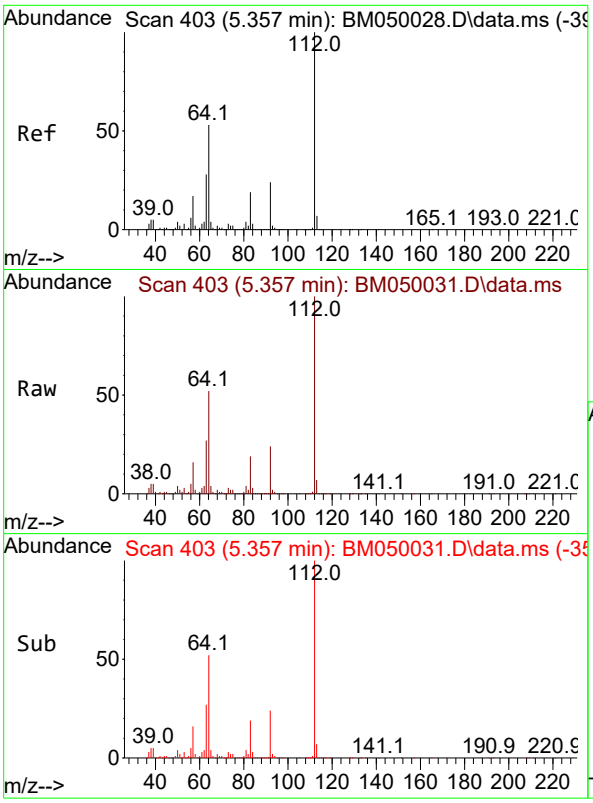


#4
n-Nitrosodimethylamine
Concen: 79.400 ng
RT: 3.563 min Scan# 98
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 42 Resp: 492501

Ion	Ratio	Lower	Upper
42	100		
74	151.4	120.2	180.2
44	6.8	6.2	9.2



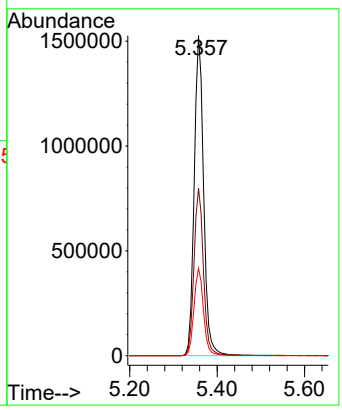


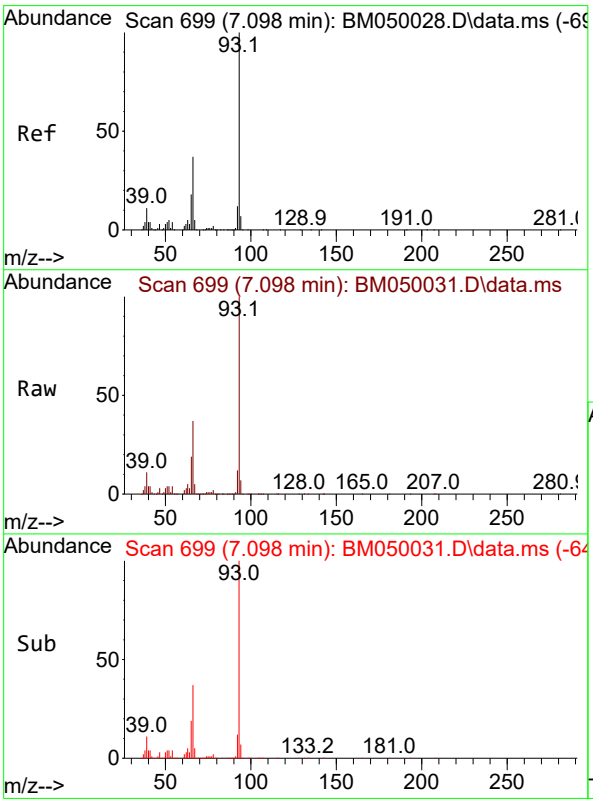
#5
2-Fluorophenol
Concen: 160.027 ng
RT: 5.357 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 2297313

Ion	Ratio	Lower	Upper
112	100		
64	52.3	42.6	64.0
63	27.2	22.2	33.4

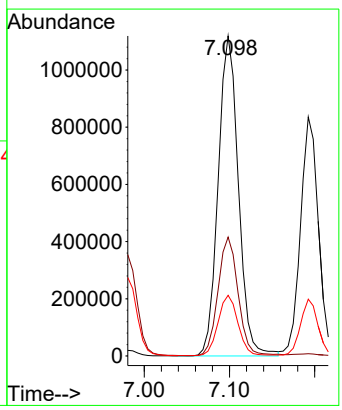


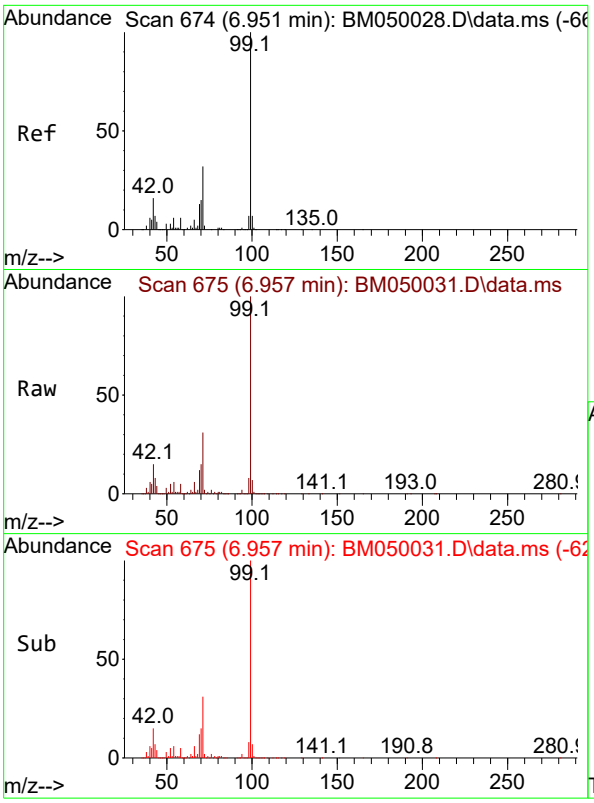


#6
Aniline
Concen: 80.979 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 93 Resp: 1845033

Ion	Ratio	Lower	Upper
93	100		
66	37.2	29.9	44.9
65	19.0	14.5	21.7



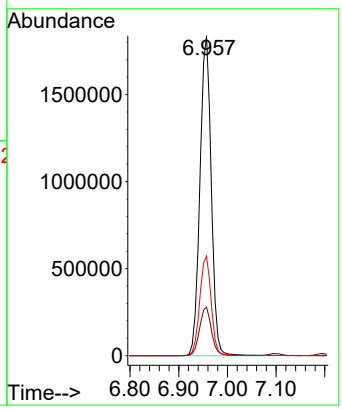


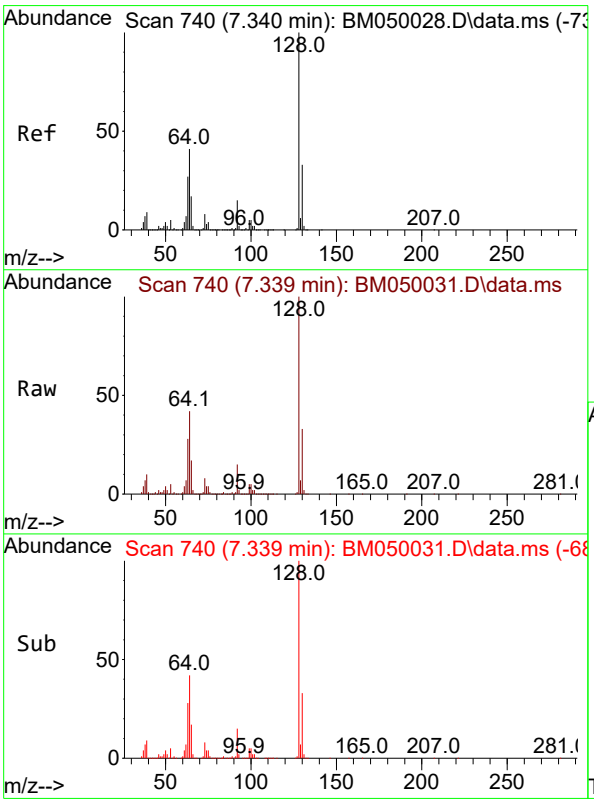
#7
Phenol-d6
Concen: 163.719 ng
RT: 6.957 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 2954036

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.0	19.4
71	31.1	25.6	38.4

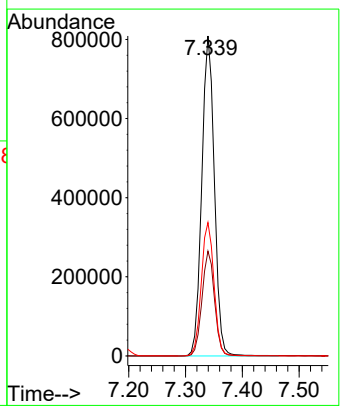


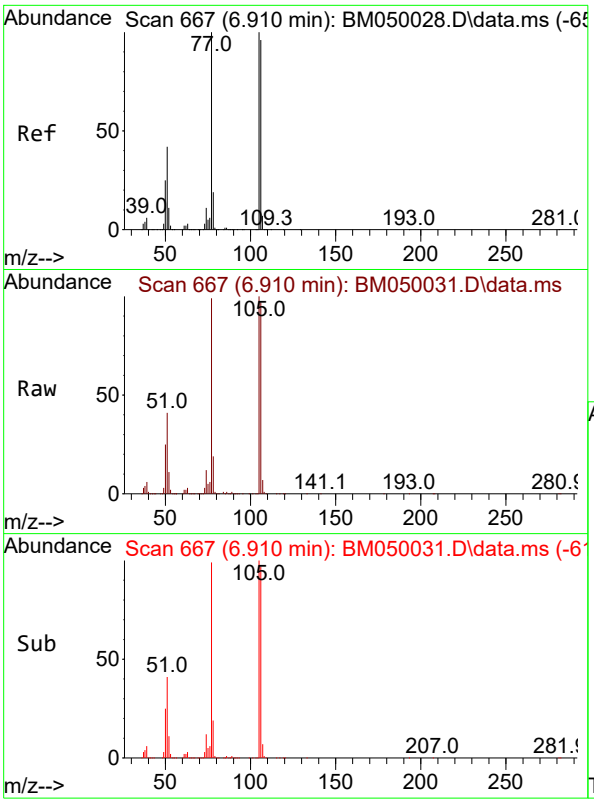


#8
2-Chlorophenol
Concen: 79.998 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:128 Resp: 1241711

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.8	52.8
64	41.7	21.2	61.2



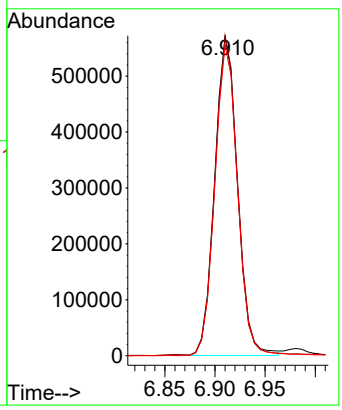


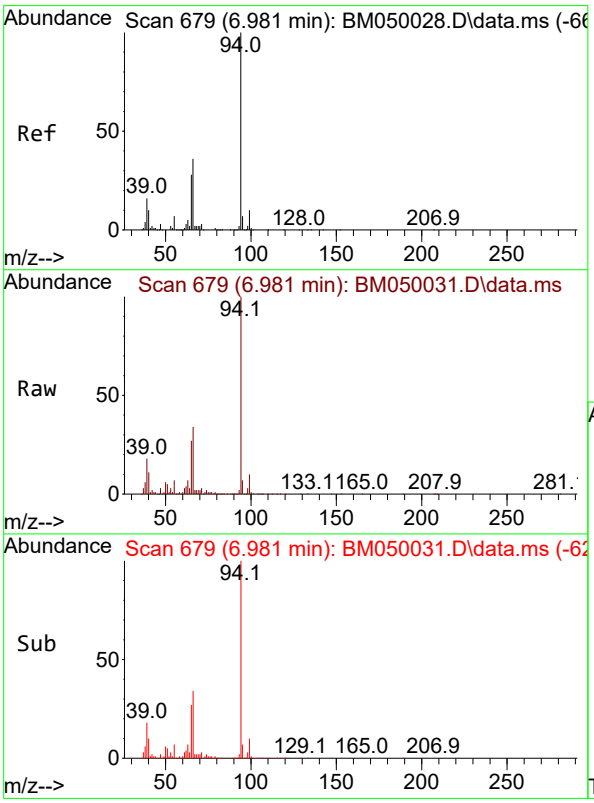
#9
Benzaldehyde
Concen: 74.544 ng
RT: 6.910 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 898993

Ion	Ratio	Lower	Upper
77	100		
105	100.5	80.5	120.5
106	97.5	76.1	116.1

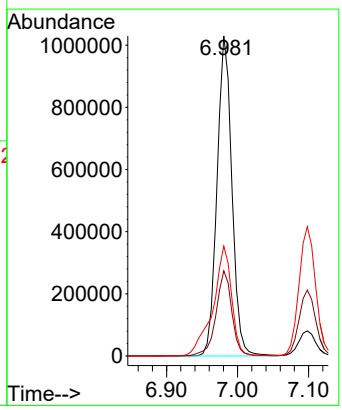


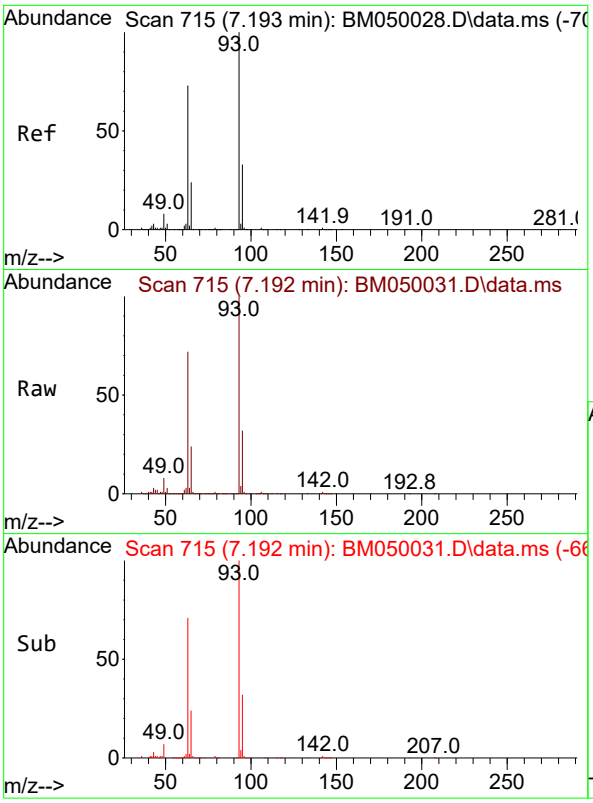


#10
Phenol
Concen: 81.638 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 94 Resp: 1491194

Ion	Ratio	Lower	Upper
94	100		
65	26.6	7.6	47.6
66	34.4	15.8	55.8



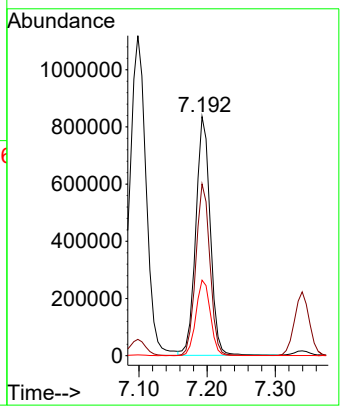


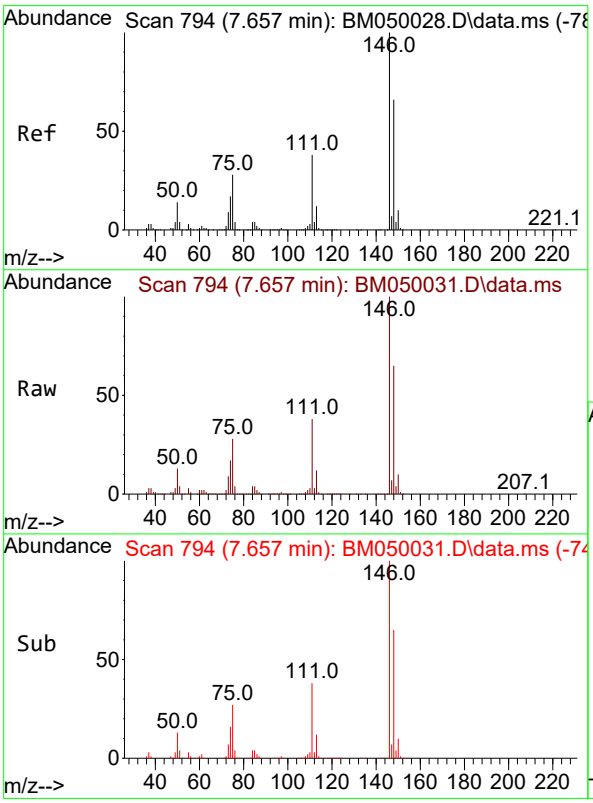
#11
bis(2-Chloroethyl)ether
Concen: 80.283 ng
RT: 7.192 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 1224517

Ion	Ratio	Lower	Upper
93	100		
63	71.8	52.3	92.3
95	31.6	12.8	52.8

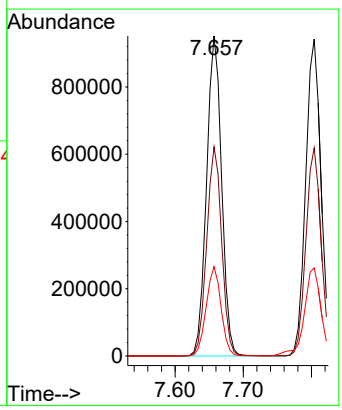


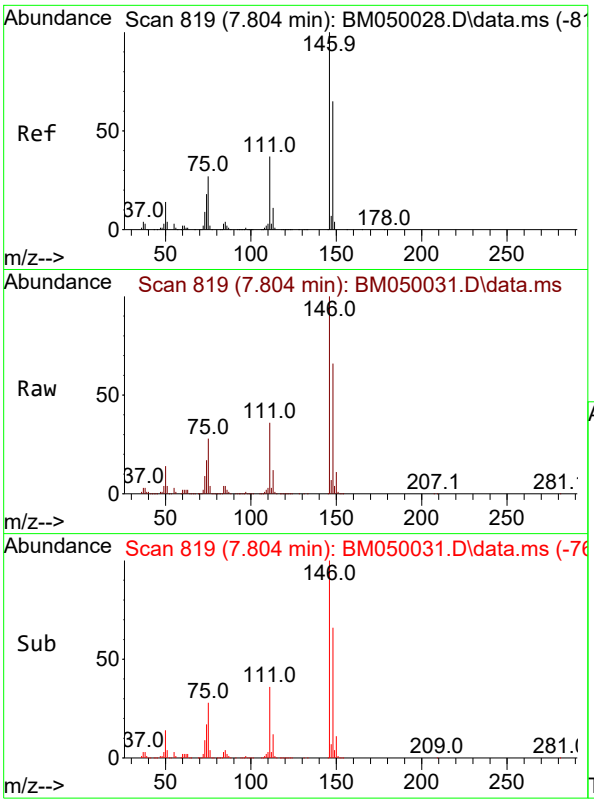


#12
1,3-Dichlorobenzene
Concen: 77.912 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:146 Resp: 1460820

Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.5	78.7
75	27.9	22.6	34.0



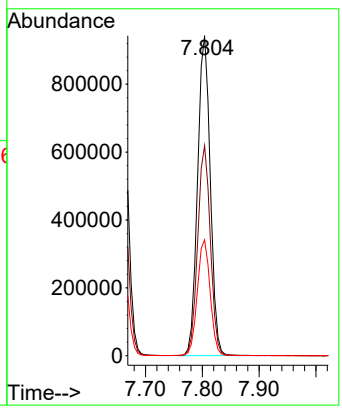


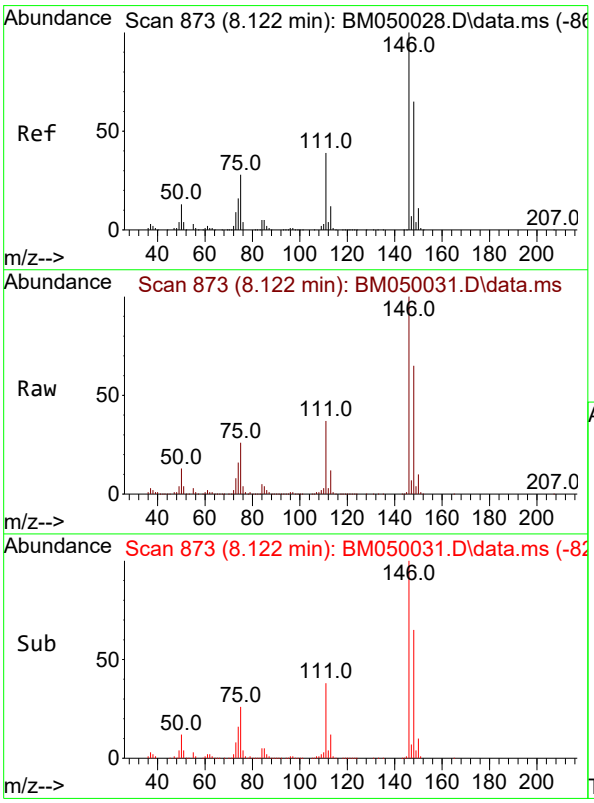
#13
1,4-Dichlorobenzene
Concen: 77.822 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 1465881

Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.2	78.2
111	36.2	29.3	43.9

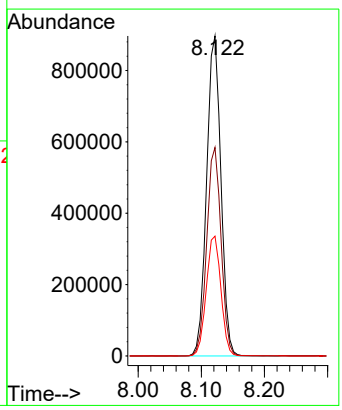


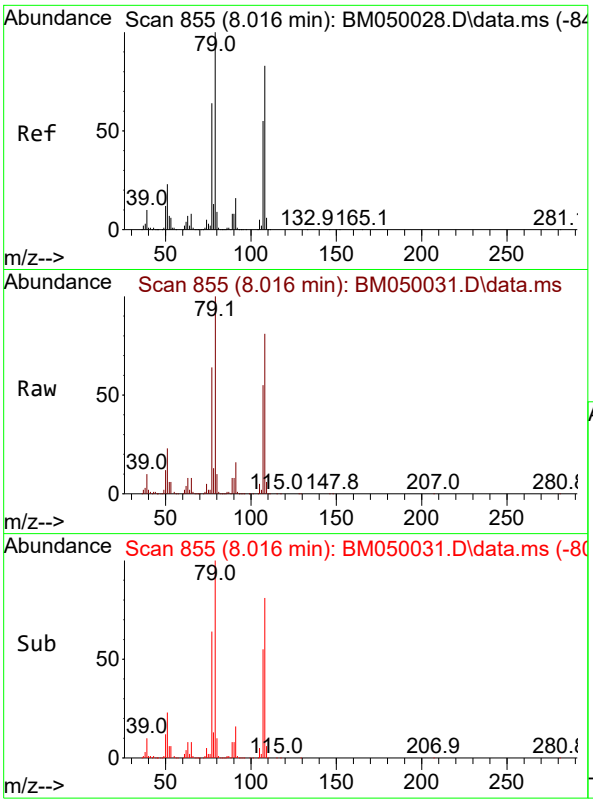


#14
1,2-Dichlorobenzene
Concen: 77.618 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:146 Resp: 1412270

Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.4	78.6
111	37.5	31.0	46.6



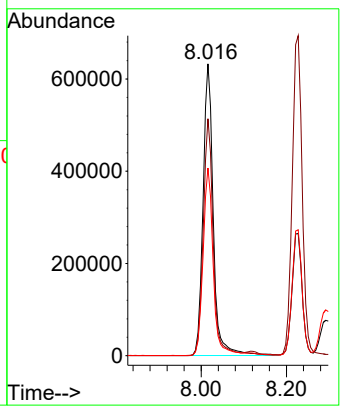


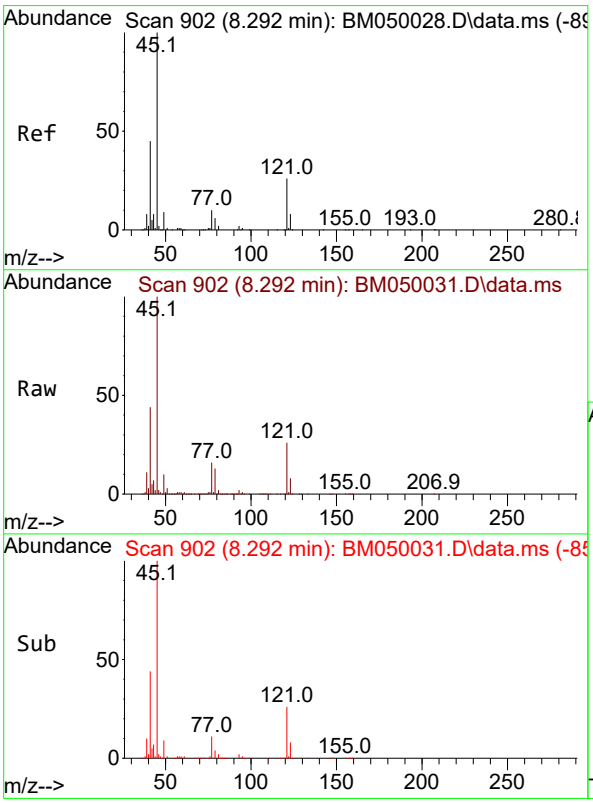
#15
Benzyl Alcohol
Concen: 84.339 ng
RT: 8.016 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 1055328

Ion	Ratio	Lower	Upper
79	100		
108	81.2	66.0	99.0
77	64.3	51.6	77.4

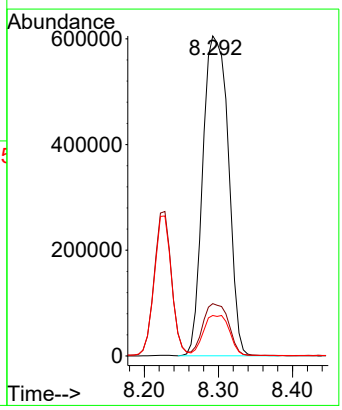


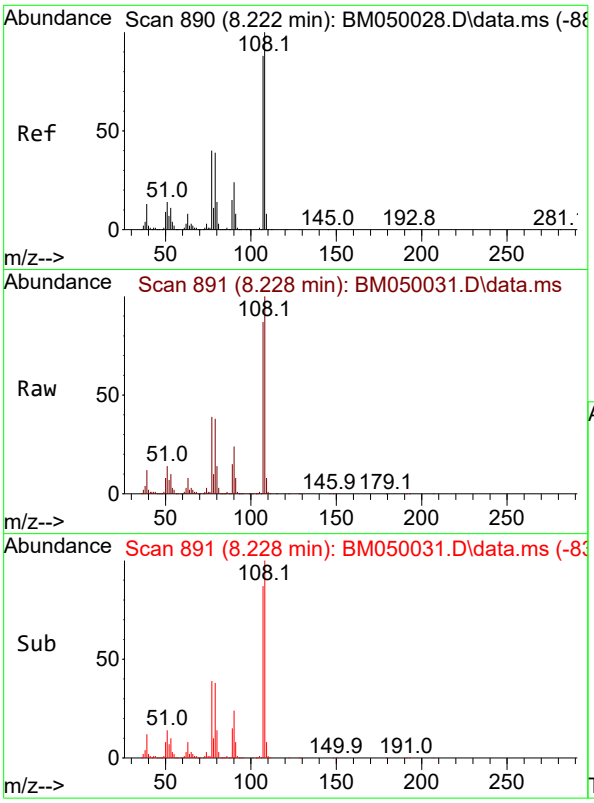


#16
2,2'-oxybis(1-Chloropropane)
Concen: 77.694 ng
RT: 8.292 min Scan# 902
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 45 Resp: 1440484

Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	36.4
79	12.7	0.0	32.7



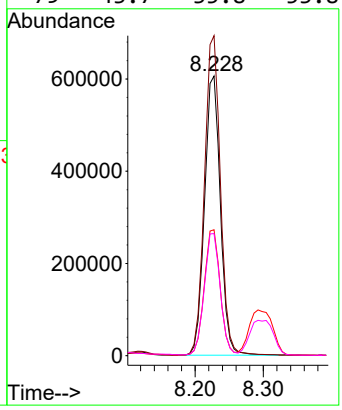


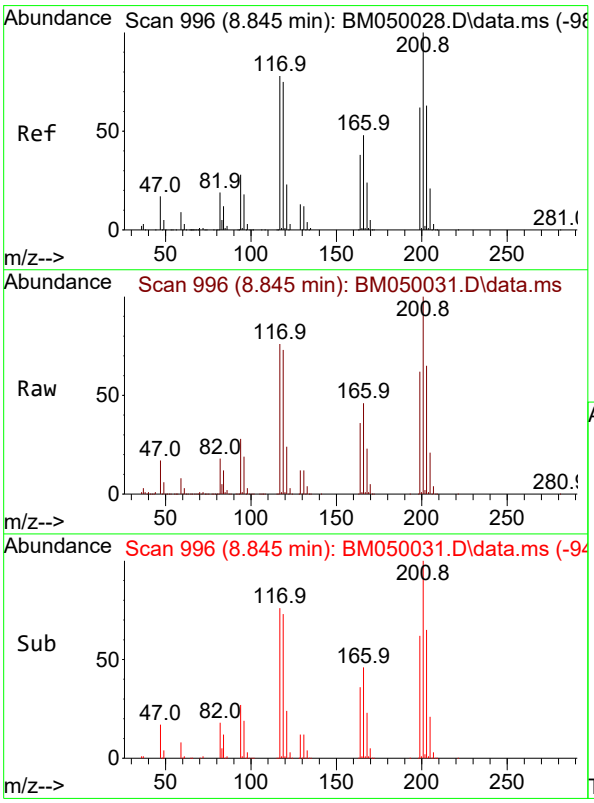
#17
2-Methylphenol
Concen: 81.473 ng
RT: 8.228 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 980375

Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.1	136.7
77	45.1	36.2	54.4
79	43.7	35.8	53.8

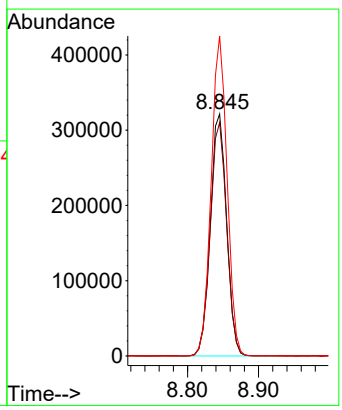


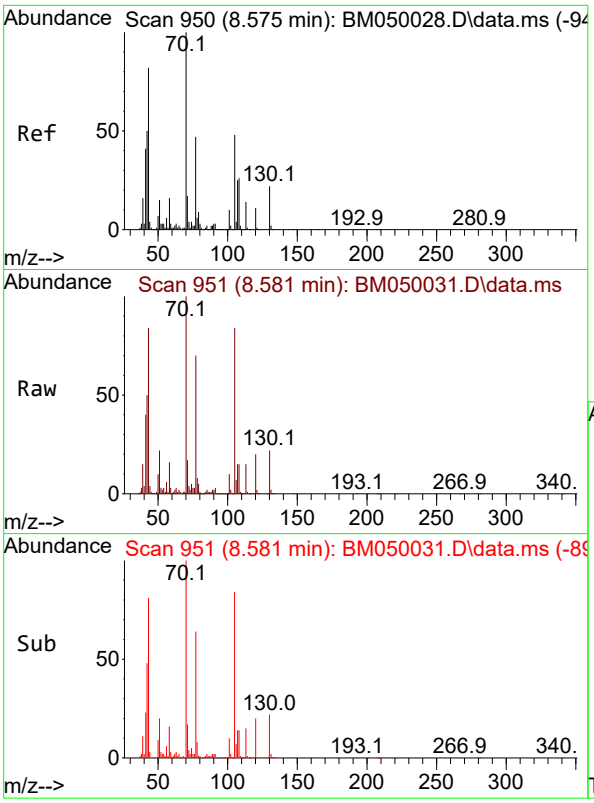


#18
Hexachloroethane
Concen: 76.632 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:117 Resp: 513126

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.3	115.9
201	132.3	102.8	154.2



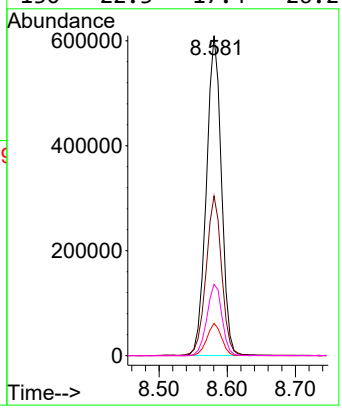


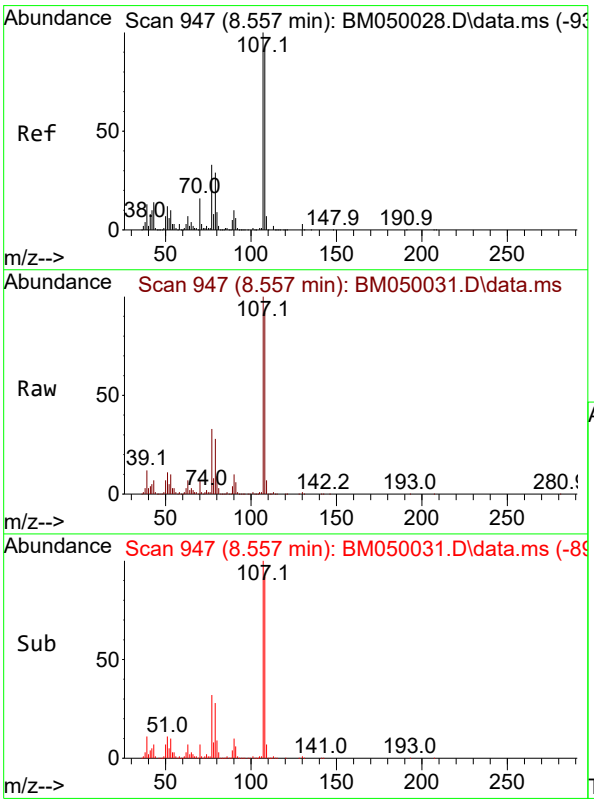
#19
n-Nitroso-di-n-propylamine
Concen: 80.665 ng
RT: 8.581 min Scan# 9
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 70 Resp: 933468

Ion	Ratio	Lower	Upper
70	100		
42	49.9	40.5	60.7
101	10.1	7.8	11.6
130	22.3	17.4	26.2

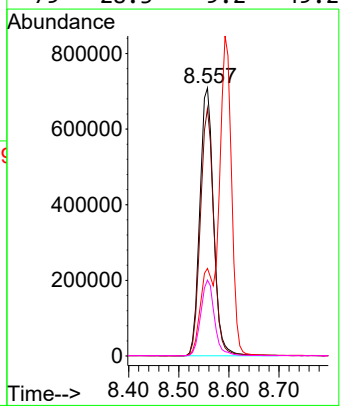


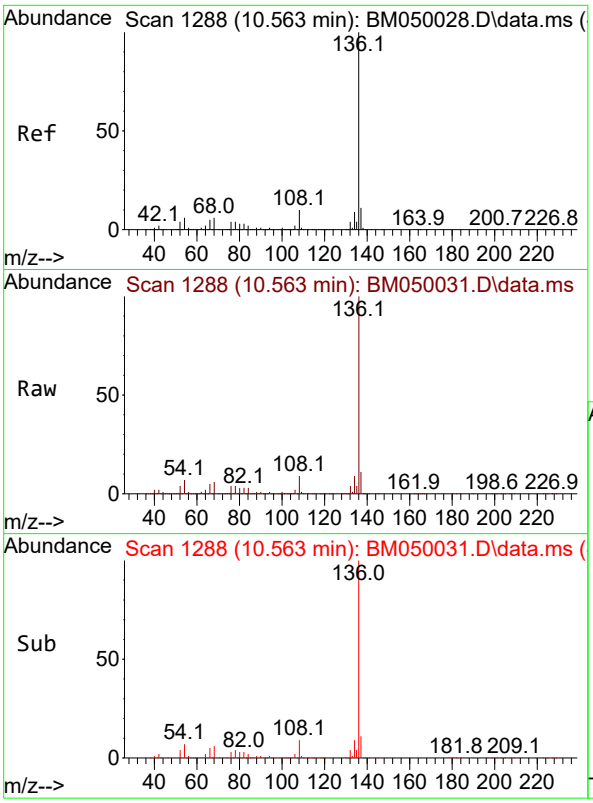


#20
3+4-Methylphenols
Concen: 82.965 ng
RT: 8.557 min Scan# 947
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:107 Resp: 1348190

Ion	Ratio	Lower	Upper
107	100		
108	92.3	72.4	112.4
77	32.6	13.6	53.6
79	28.3	9.2	49.2



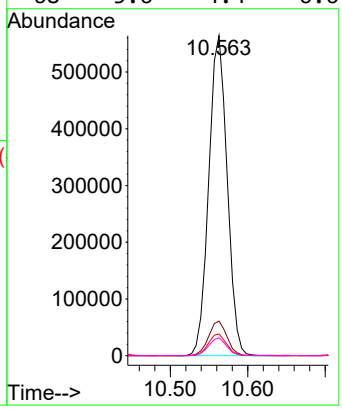


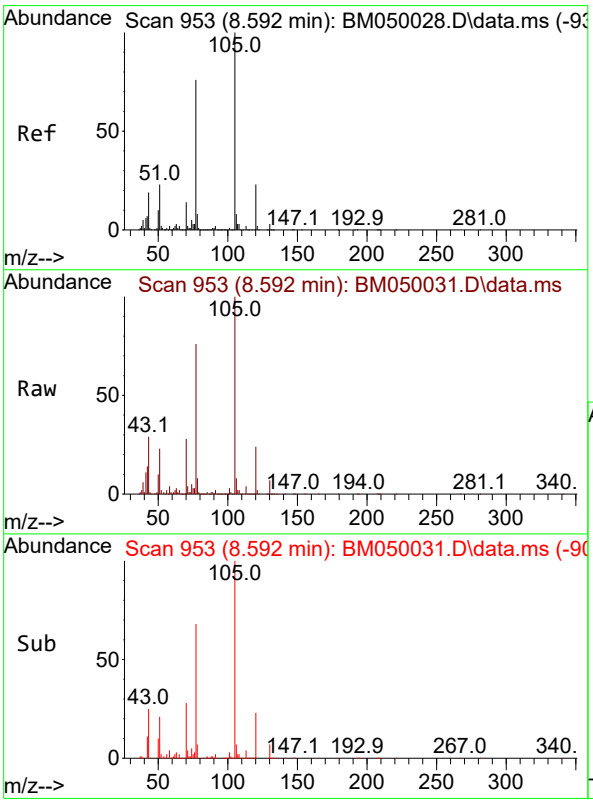
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:136 Resp: 931435

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.8	5.1	7.7
68	5.6	4.4	6.6

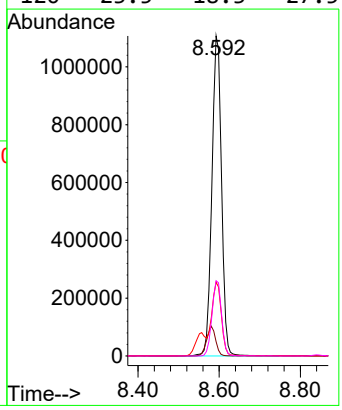


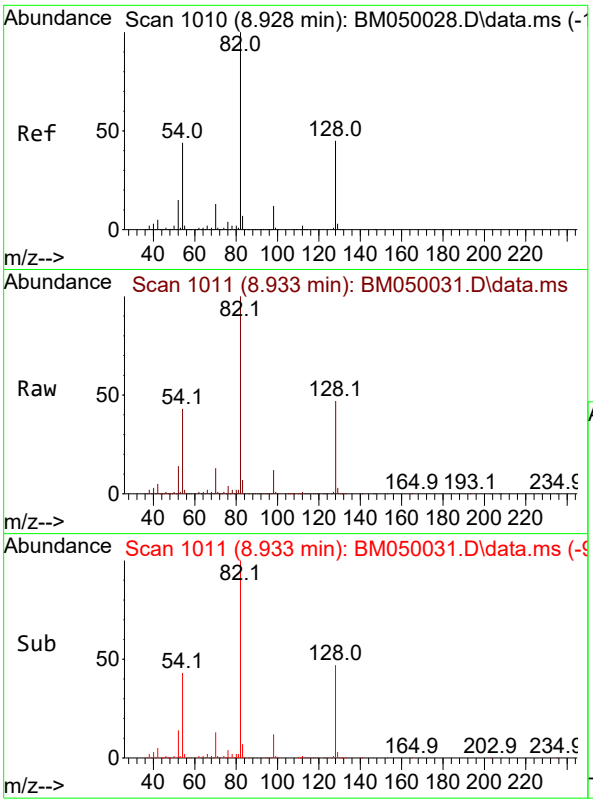


#22
Acetophenone
Concen: 78.406 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:105 Resp: 1815657

Ion	Ratio	Lower	Upper
105	100		
71	4.4	1.7	2.5#
51	23.0	18.6	27.8
120	23.5	18.3	27.5



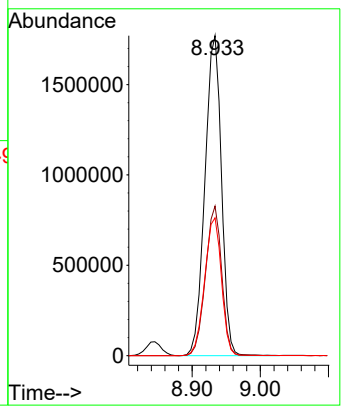


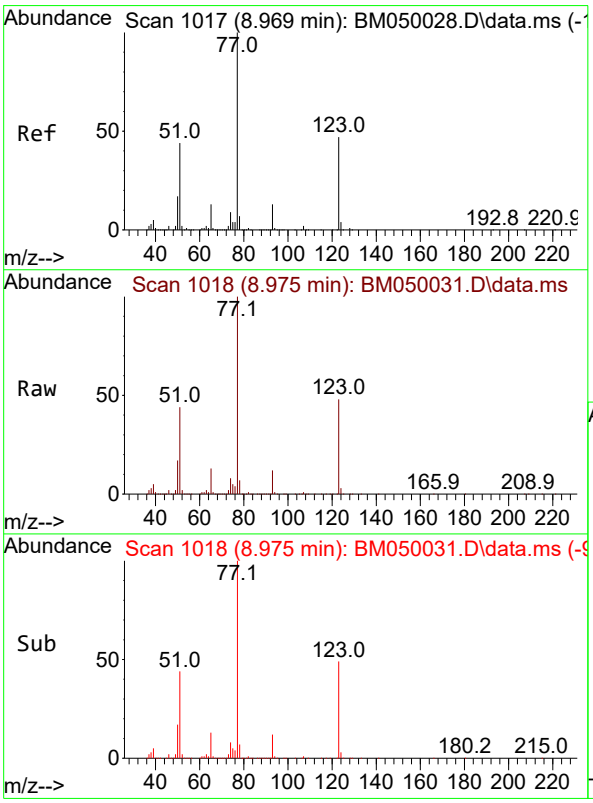
#23
Nitrobenzene-d5
Concen: 157.875 ng
RT: 8.933 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 2984192

Ion	Ratio	Lower	Upper
82	100		
128	46.8	35.7	53.5
54	43.1	35.4	53.2

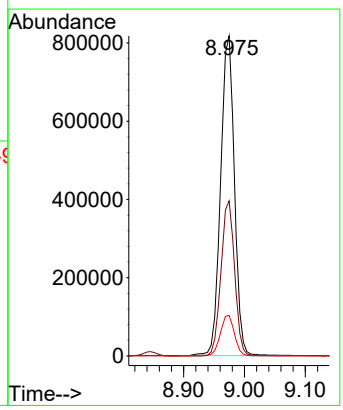


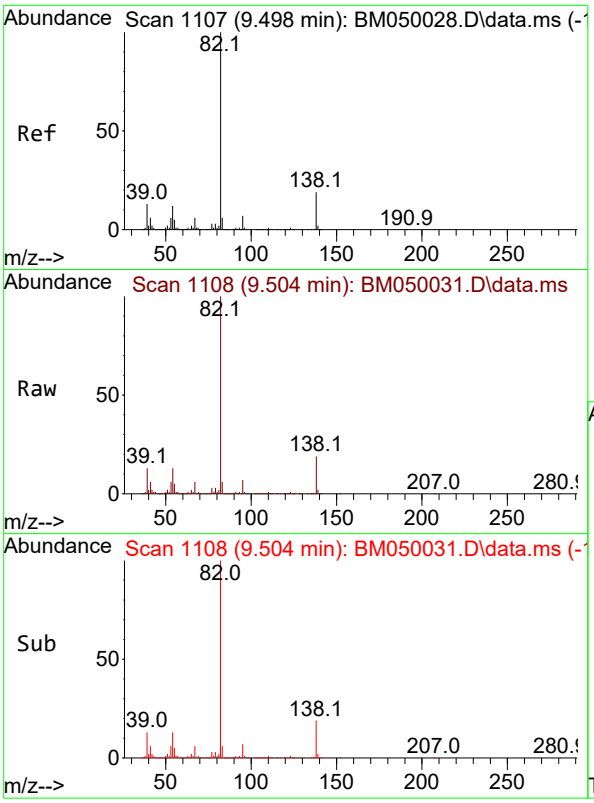


#24
Nitrobenzene
Concen: 78.871 ng
RT: 8.975 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 77 Resp: 1289068

Ion	Ratio	Lower	Upper
77	100		
123	48.5	37.9	56.9
65	12.7	10.1	15.1



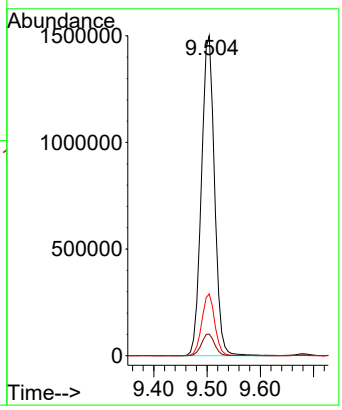


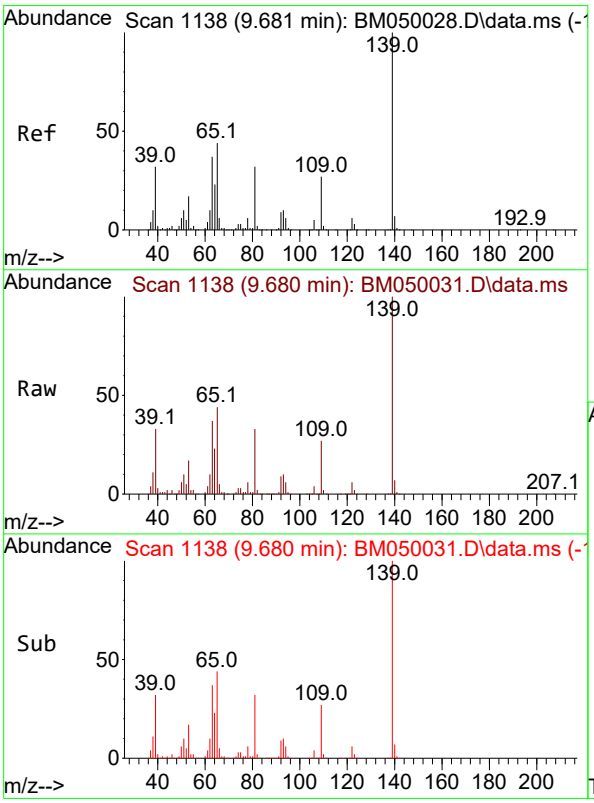
#25
Isophorone
Concen: 79.430 ng
RT: 9.504 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 2559279

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.7	8.5
138	19.3	15.5	23.3

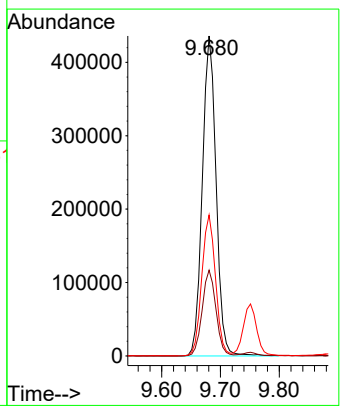


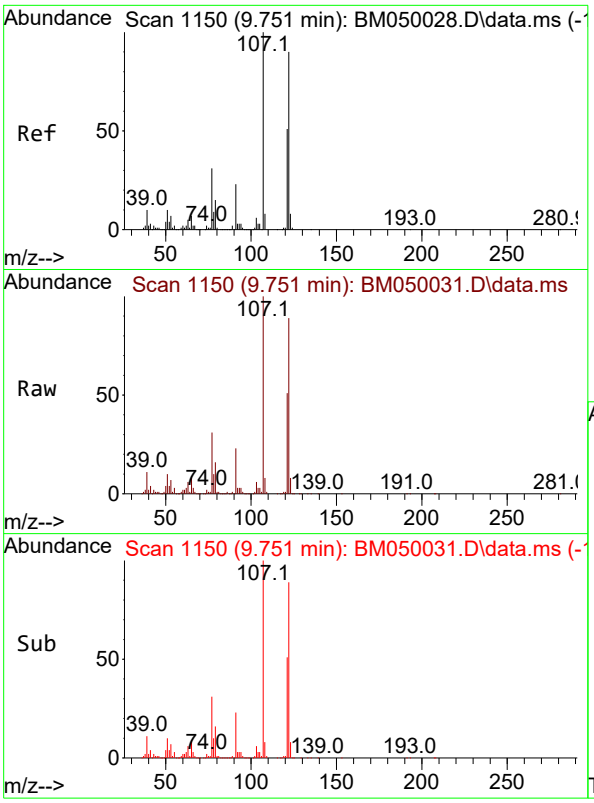


#26
2-Nitrophenol
Concen: 85.053 ng
RT: 9.680 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:139 Resp: 710174

Ion	Ratio	Lower	Upper
139	100		
109	26.8	21.9	32.9
65	44.0	35.4	53.2



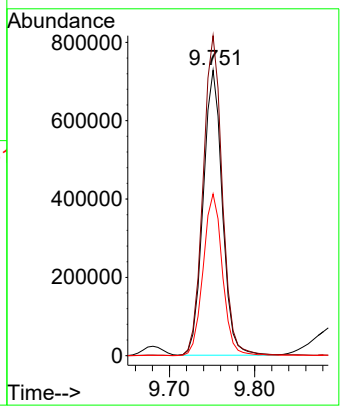


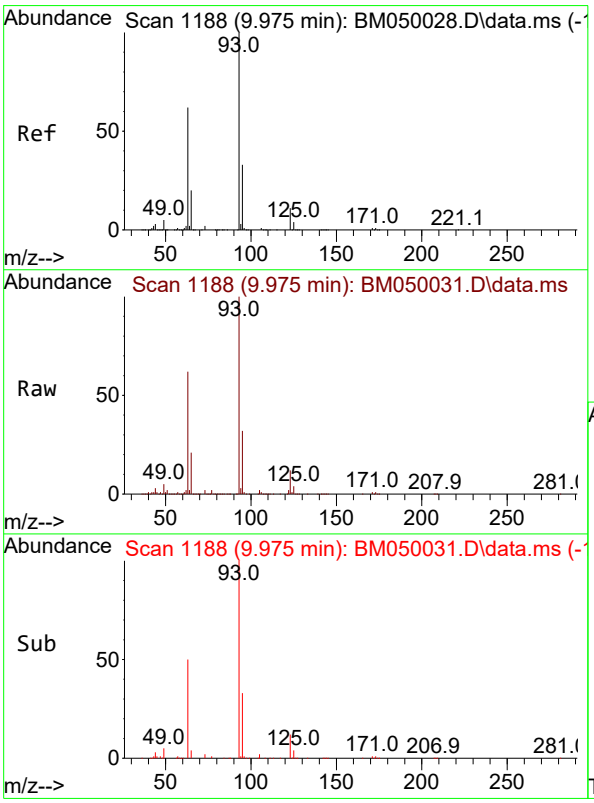
#27
2,4-Dimethylphenol
Concen: 82.043 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 1136040

Ion	Ratio	Lower	Upper
122	100		
107	112.1	89.0	133.6
121	56.7	45.6	68.4

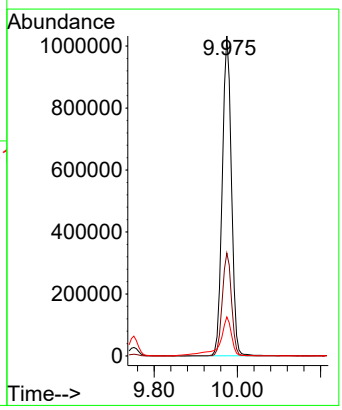


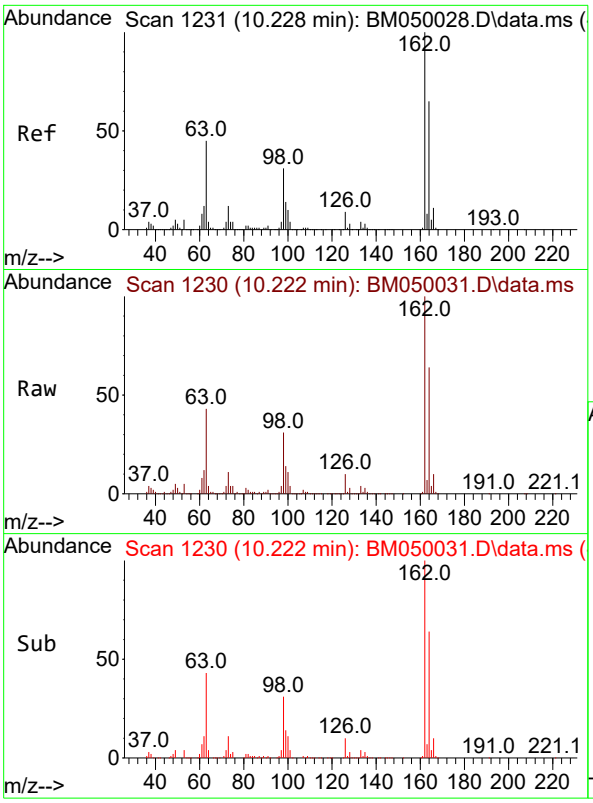


#28
bis(2-Chloroethoxy)methane
Concen: 79.437 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 93 Resp: 1581985

Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.1	39.1
123	12.2	9.5	14.3



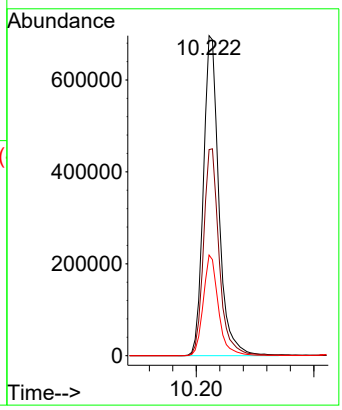


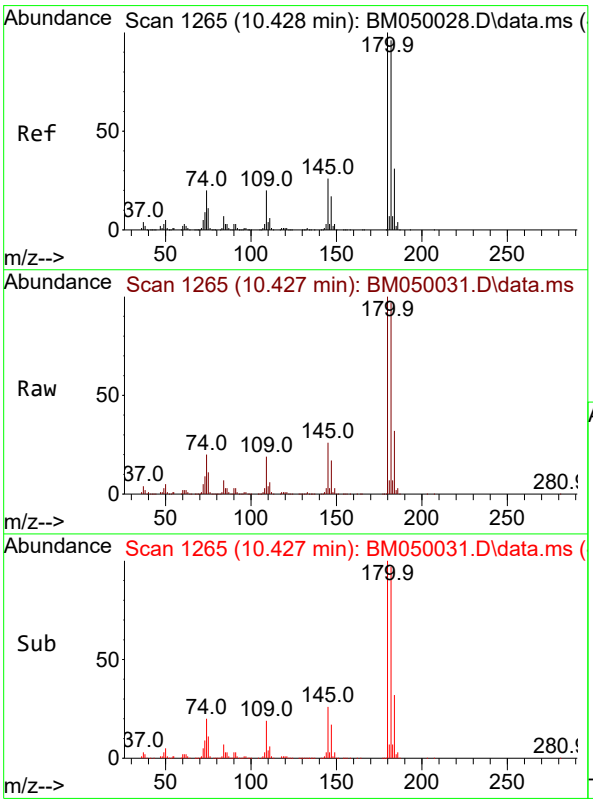
#29
2,4-Dichlorophenol
Concen: 82.243 ng
RT: 10.222 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 1275806

Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.4	85.4
98	31.4	11.3	51.3

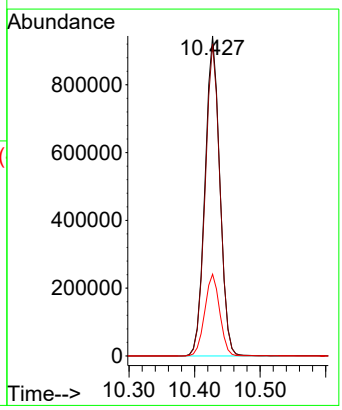


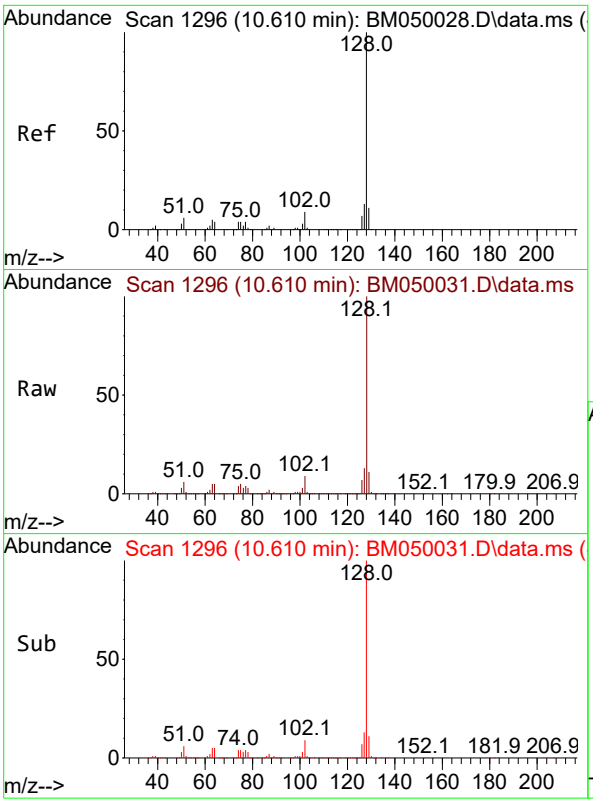


#30
1,2,4-Trichlorobenzene
Concen: 78.590 ng
RT: 10.427 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:180 Resp: 1485344

Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.0	115.4
145	25.6	20.6	30.8



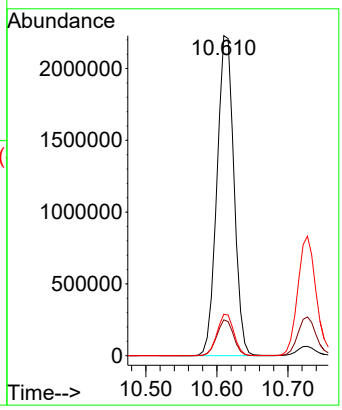


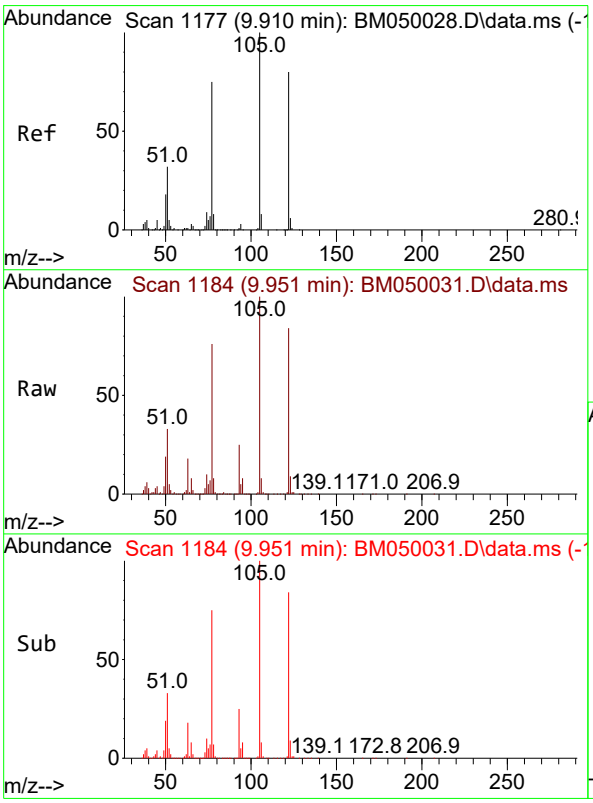
#31
Naphthalene
Concen: 78.143 ng
RT: 10.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:128 Resp: 3686066

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.0	10.4	15.6

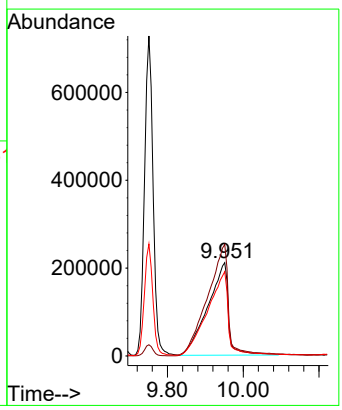


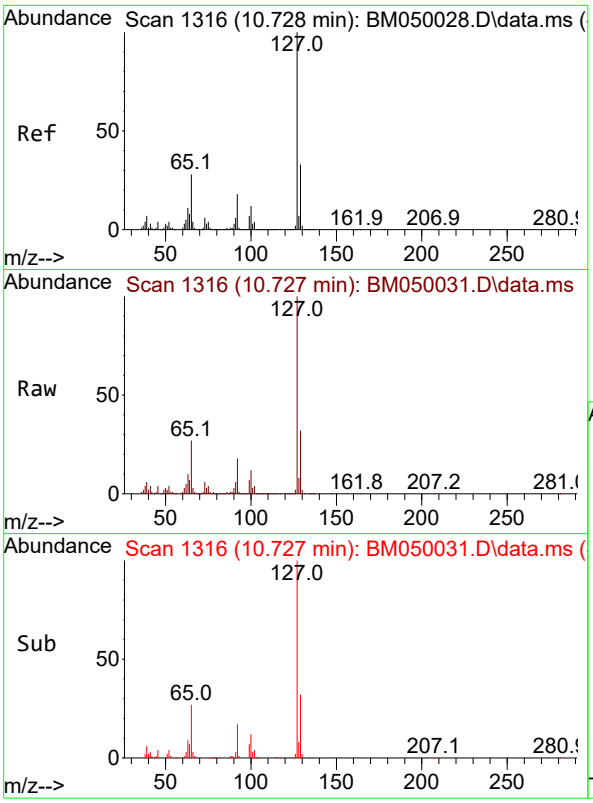


#32
Benzoic acid
Concen: 90.660 ng
RT: 9.951 min Scan# 1184
Delta R.T. 0.041 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:122 Resp: 800660

Ion	Ratio	Lower	Upper
122	100		
105	119.6	103.6	143.6
77	90.5	73.7	113.7



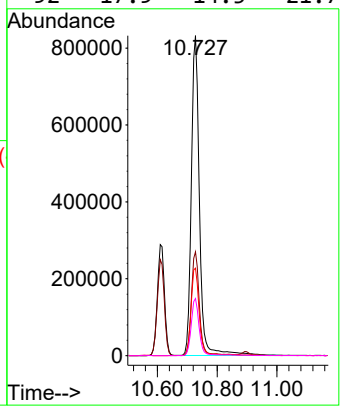


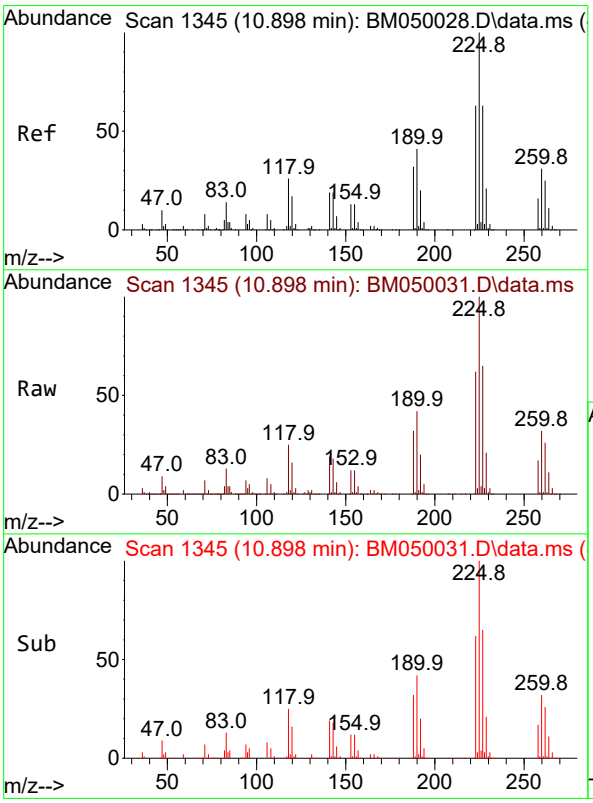
#33
4-Chloroaniline
Concen: 81.508 ng
RT: 10.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:127 Resp: 1575909

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	27.3	22.5	33.7
92	17.9	14.5	21.7

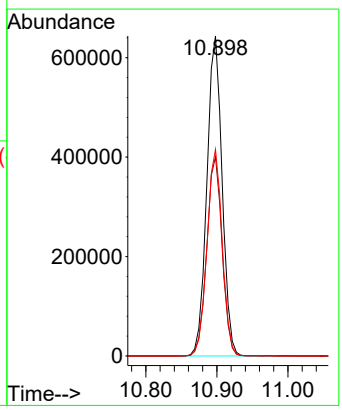


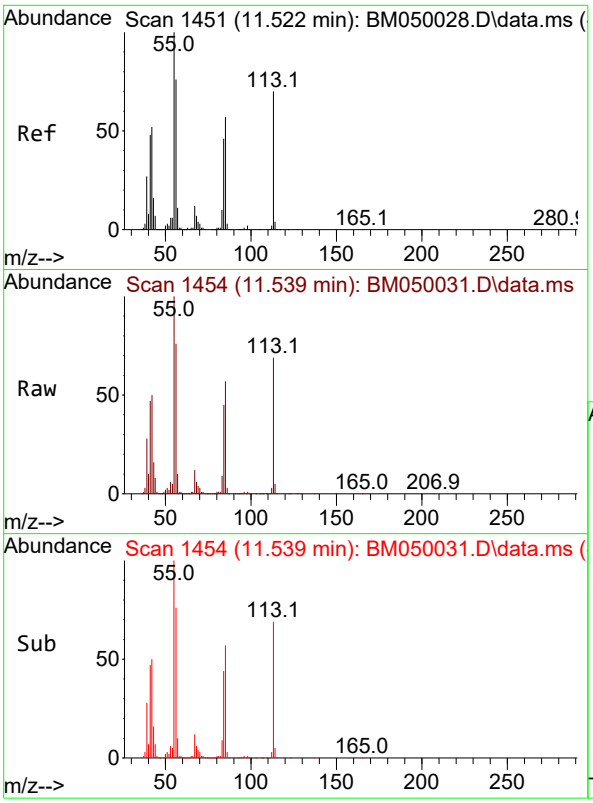


#34
Hexachlorobutadiene
Concen: 80.012 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:225 Resp: 959905

Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.2	75.2
227	64.6	50.6	76.0



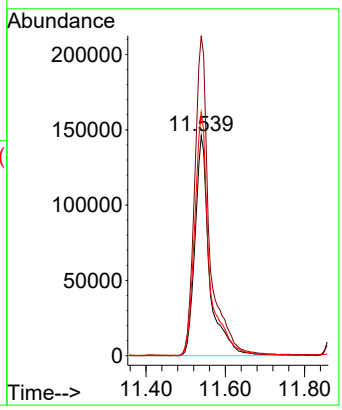


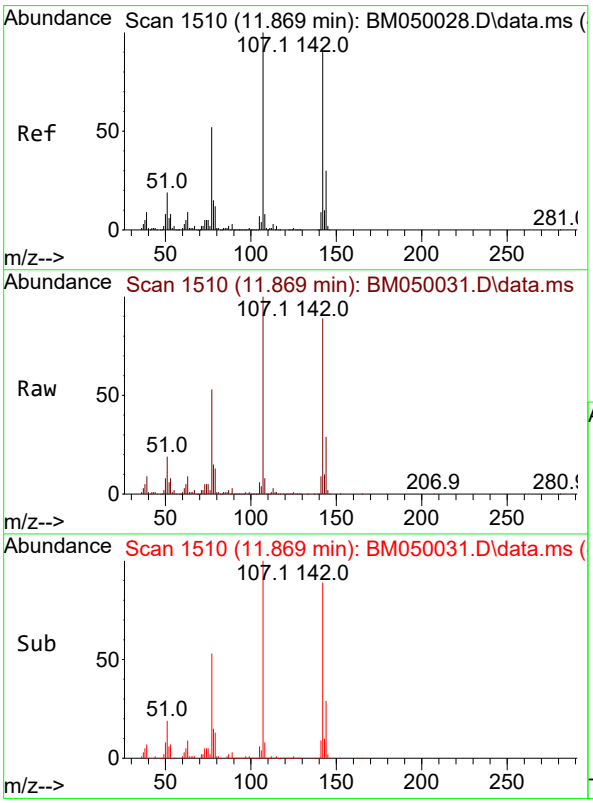
#35
Caprolactam
Concen: 82.060 ng
RT: 11.539 min Scan# 14
Delta R.T. 0.018 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:113 Resp: 371164

Ion	Ratio	Lower	Upper
113	100		
55	145.4	122.9	162.9
56	110.6	88.1	128.1

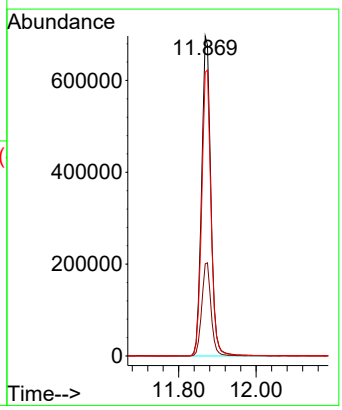


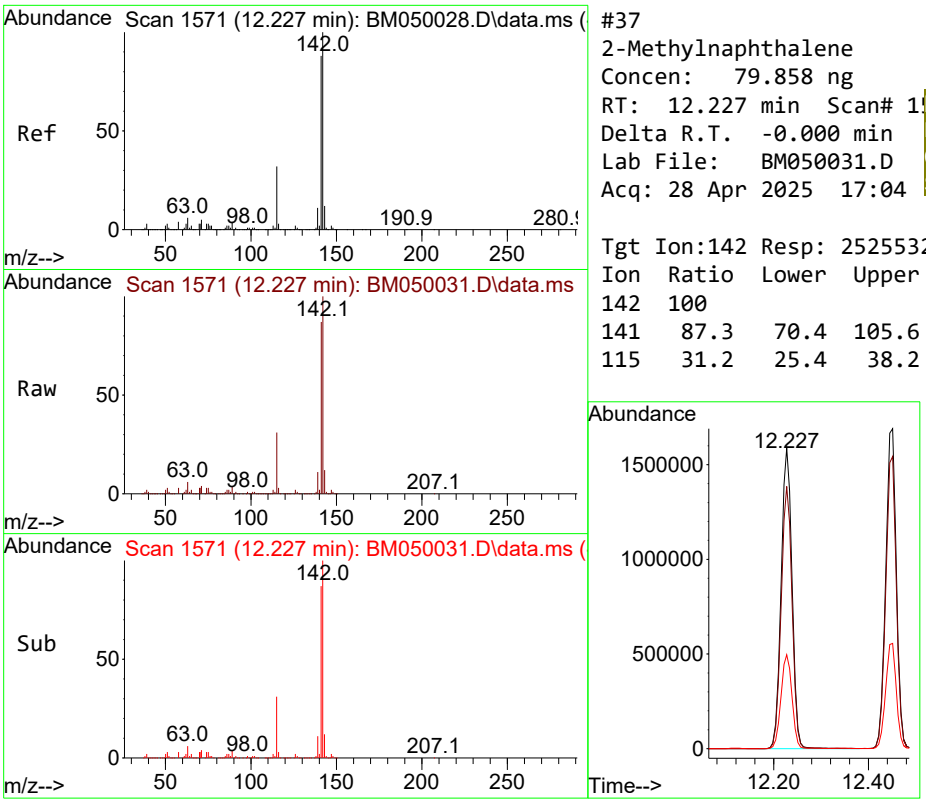


#36
4-Chloro-3-methylphenol
Concen: 80.424 ng
RT: 11.869 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:107 Resp: 1152624

Ion	Ratio	Lower	Upper
107	100		
144	28.8	23.8	35.6
142	88.7	71.9	107.9



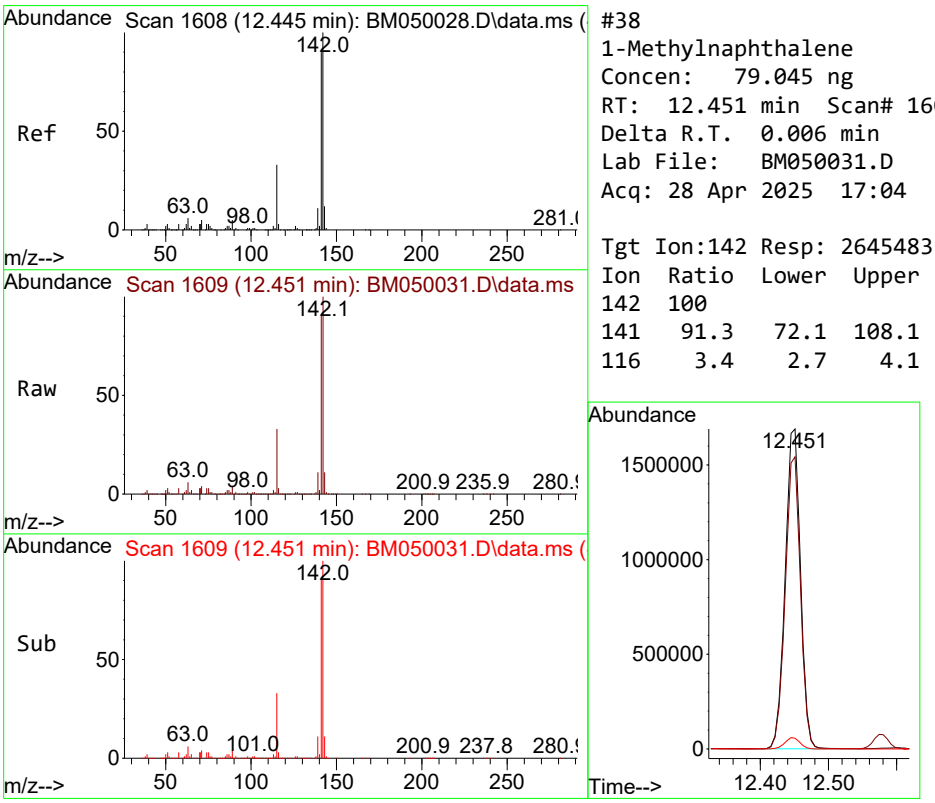


#37
2-Methylnaphthalene
Concen: 79.858 ng
RT: 12.227 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 2525532

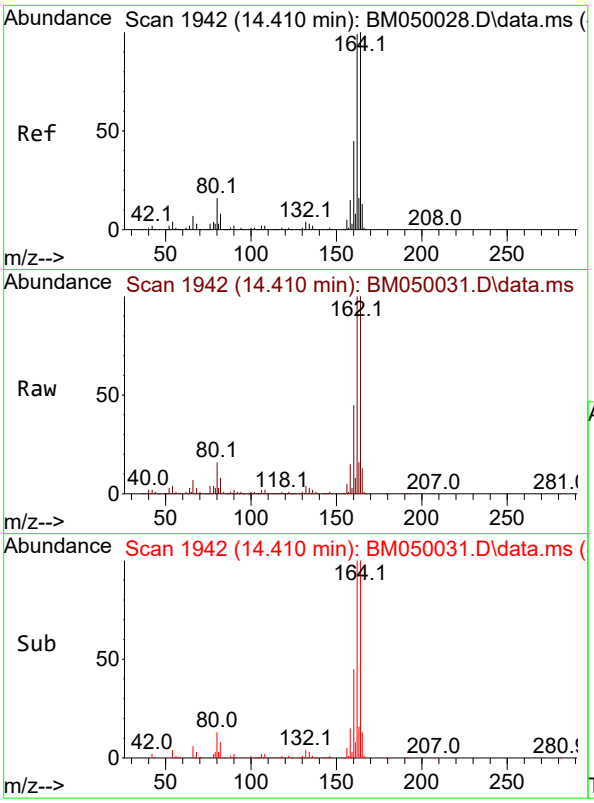
Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.4	105.6
115	31.2	25.4	38.2



#38
1-Methylnaphthalene
Concen: 79.045 ng
RT: 12.451 min Scan# 1609
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:142 Resp: 2645483

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.1	108.1
116	3.4	2.7	4.1

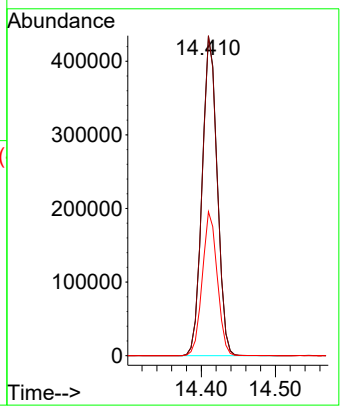


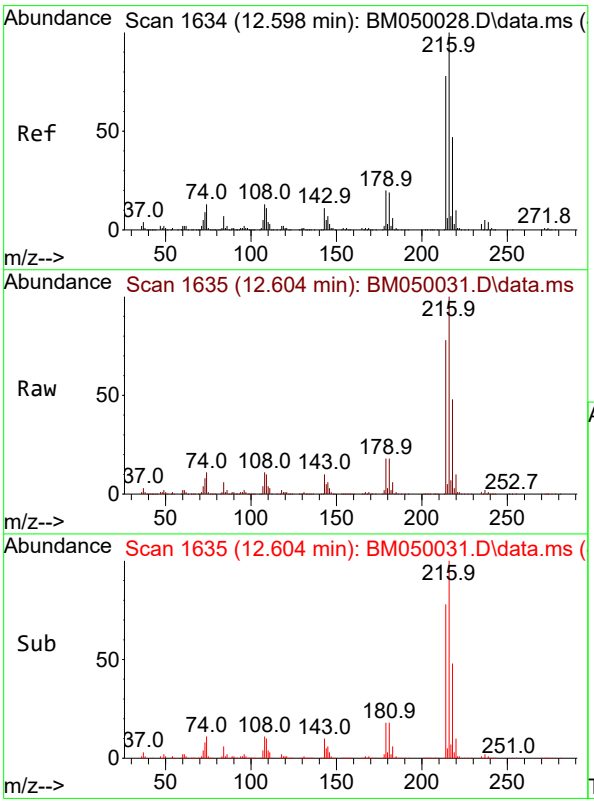
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:164 Resp: 613490

Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.4	119.0
160	45.0	36.2	54.4

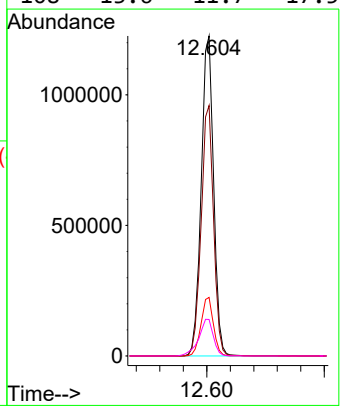


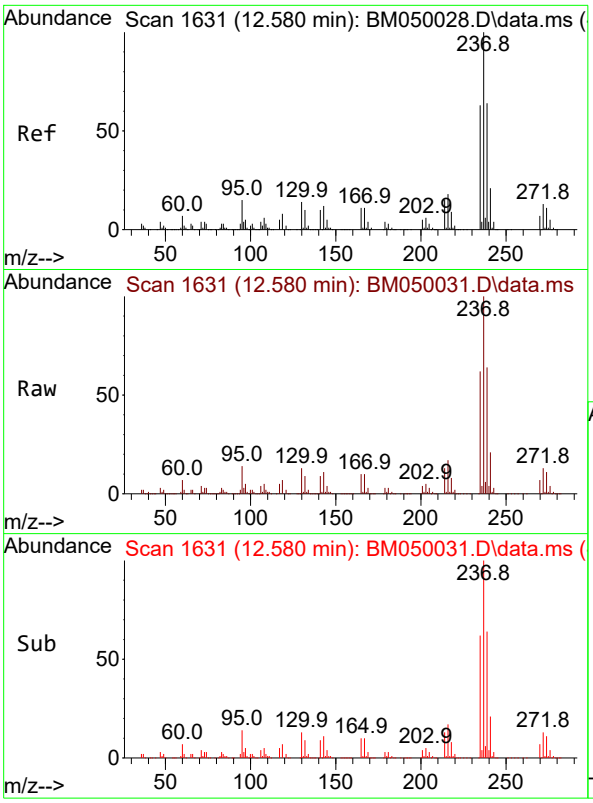


#40
1,2,4,5-Tetrachlorobenzene
Concen: 84.742 ng
RT: 12.604 min Scan# 1635
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:216 Resp: 1799698

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.3	93.5
179	18.4	15.4	23.0
108	13.6	11.7	17.5



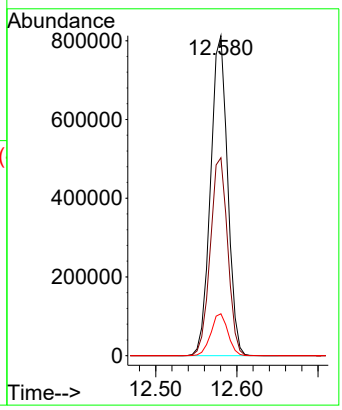


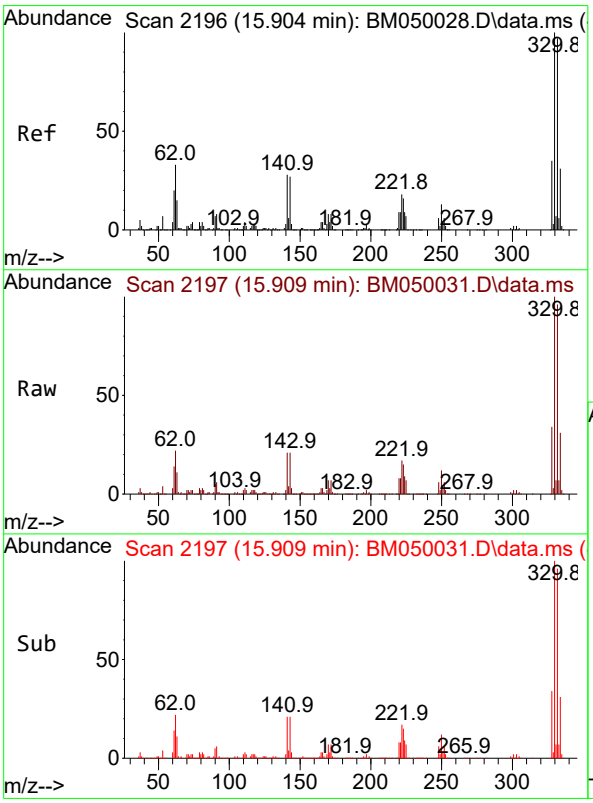
#41
Hexachlorocyclopentadiene
Concen: 91.336 ng
RT: 12.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:237 Resp: 1185418

Ion	Ratio	Lower	Upper
237	100		
235	61.8	42.9	82.9
272	13.1	0.0	32.9

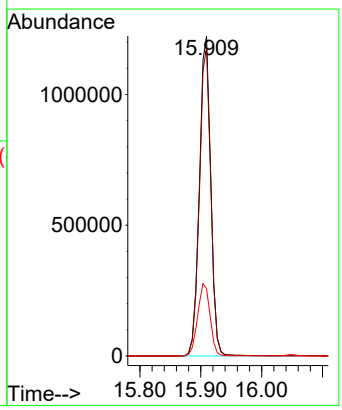


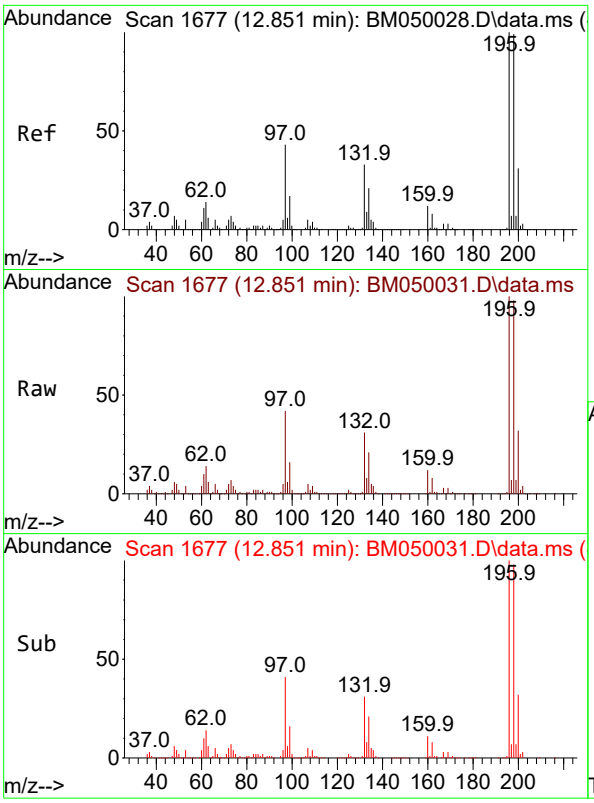


#42
2,4,6-Tribromophenol
Concen: 174.847 ng
RT: 15.909 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:330 Resp: 1586083

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	24.7	22.5	33.7



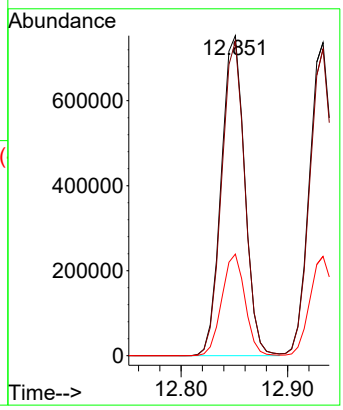


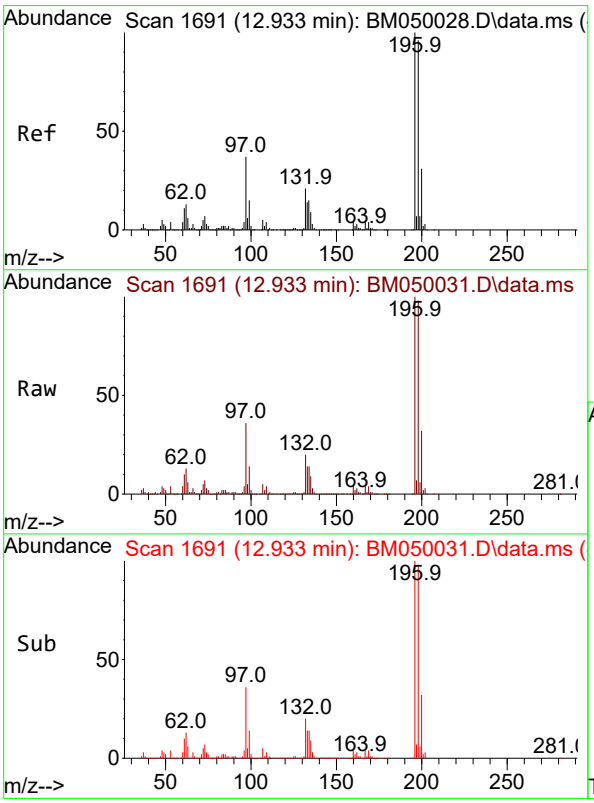
#43
2,4,6-Trichlorophenol
Concen: 85.496 ng
RT: 12.851 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 1151641

Ion	Ratio	Lower	Upper
196	100		
198	98.2	79.0	118.6
200	31.7	25.1	37.7

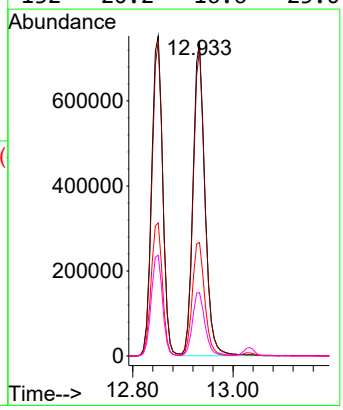


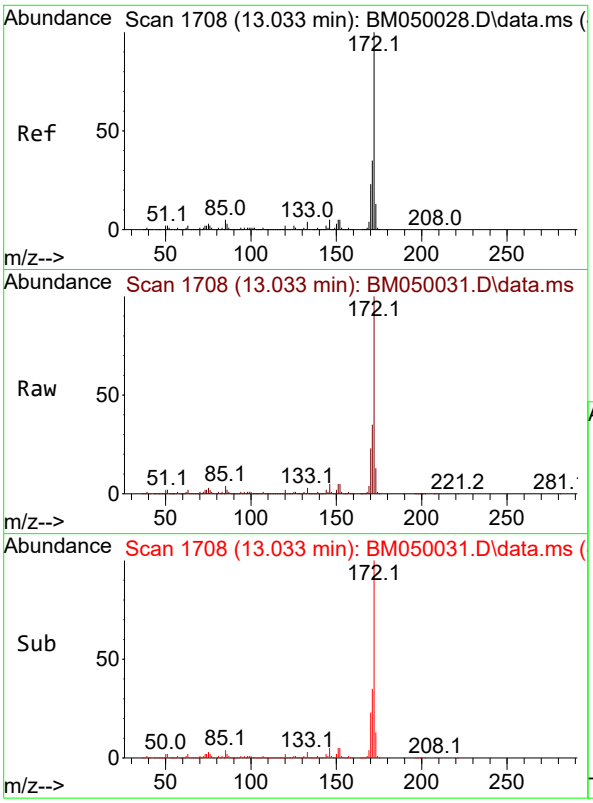


#44
2,4,5-Trichlorophenol
Concen: 84.011 ng
RT: 12.933 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:196 Resp: 1220306

Ion	Ratio	Lower	Upper
196	100		
198	97.9	76.7	115.1
97	36.2	30.1	45.1
132	20.2	16.6	25.0



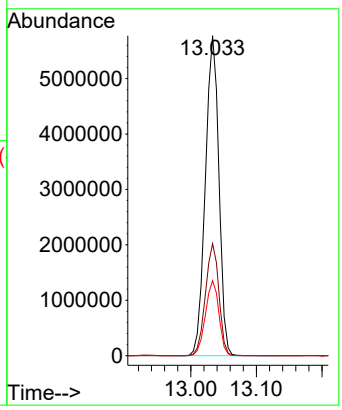


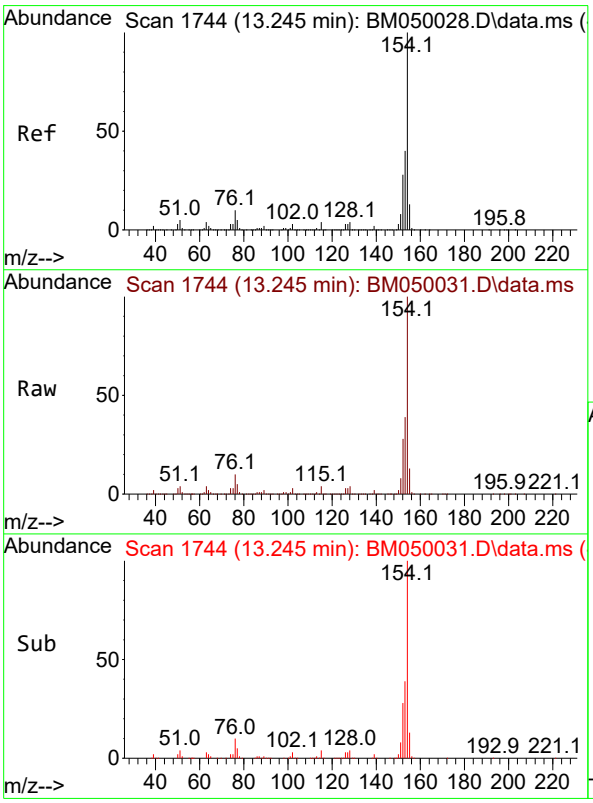
#45
2-Fluorobiphenyl
Concen: 159.736 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:172 Resp: 8283812

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	23.5	18.6	28.0

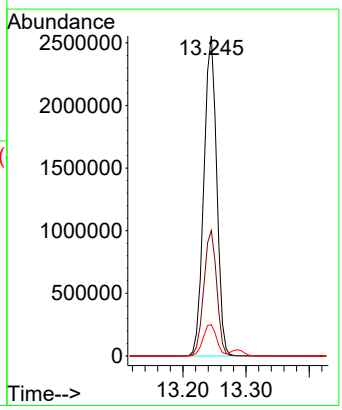


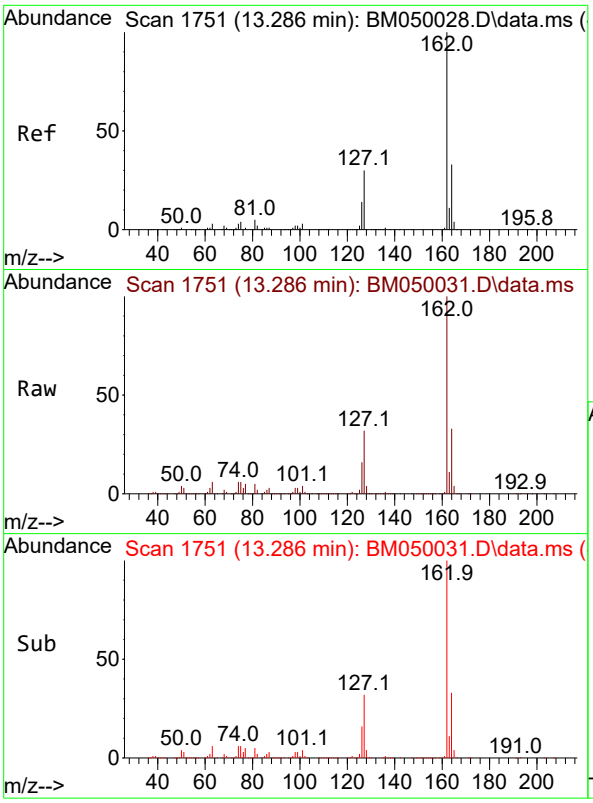


#46
1,1'-Biphenyl
Concen: 79.246 ng
RT: 13.245 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:154 Resp: 3613893

Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.0	60.0
76	9.8	0.0	30.3



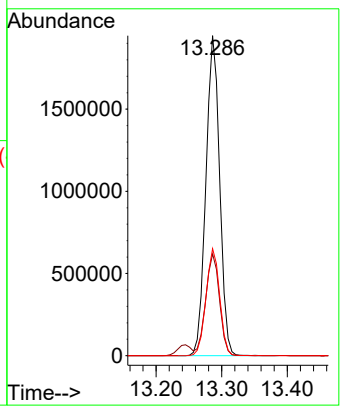


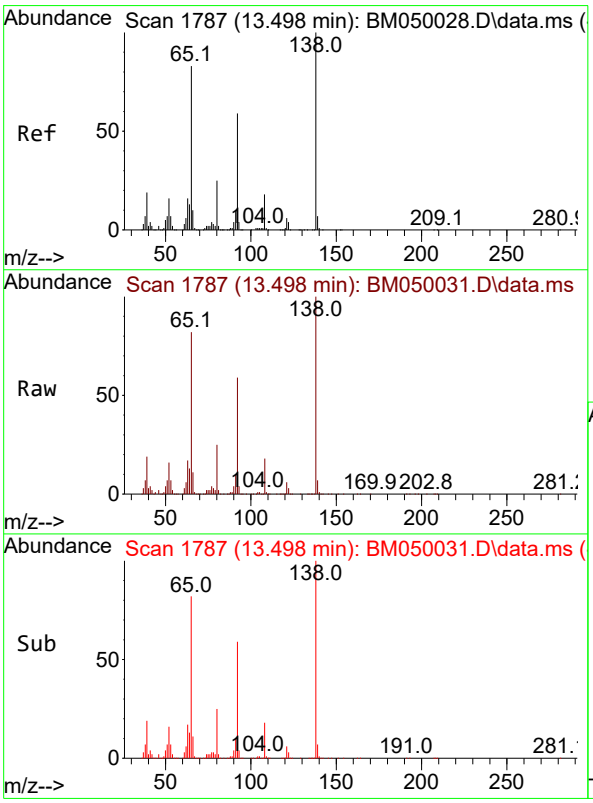
#47
2-Chloronaphthalene
Concen: 78.700 ng
RT: 13.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 2842514

Ion	Ratio	Lower	Upper
162	100		
127	31.8	25.9	38.9
164	33.4	26.6	40.0

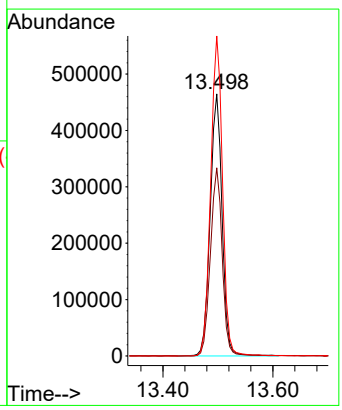


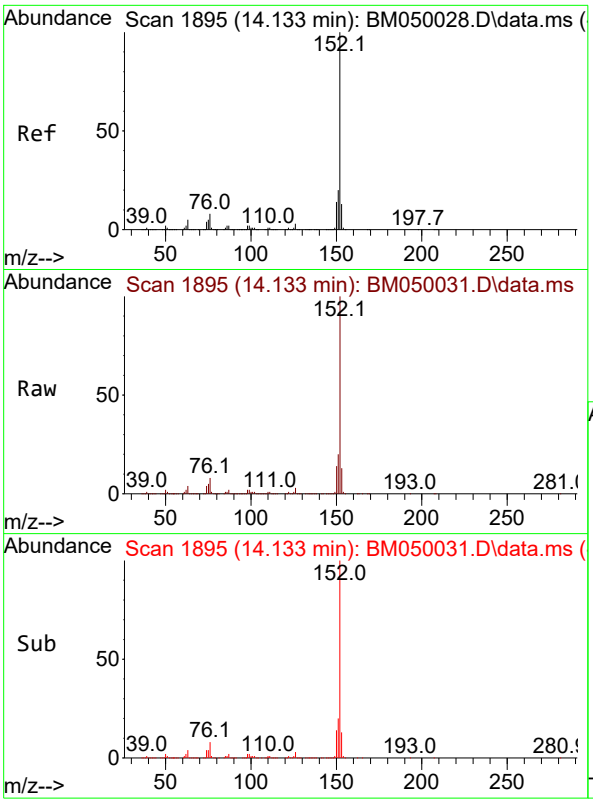


#48
2-Nitroaniline
Concen: 82.725 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 65 Resp: 701256

Ion	Ratio	Lower	Upper
65	100		
92	71.8	57.1	85.7
138	122.1	97.0	145.4



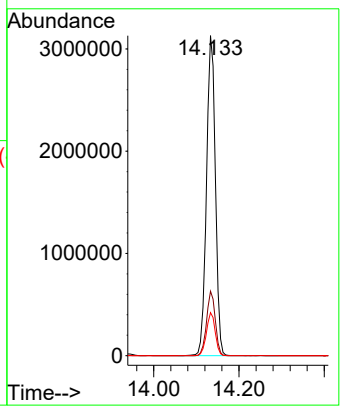


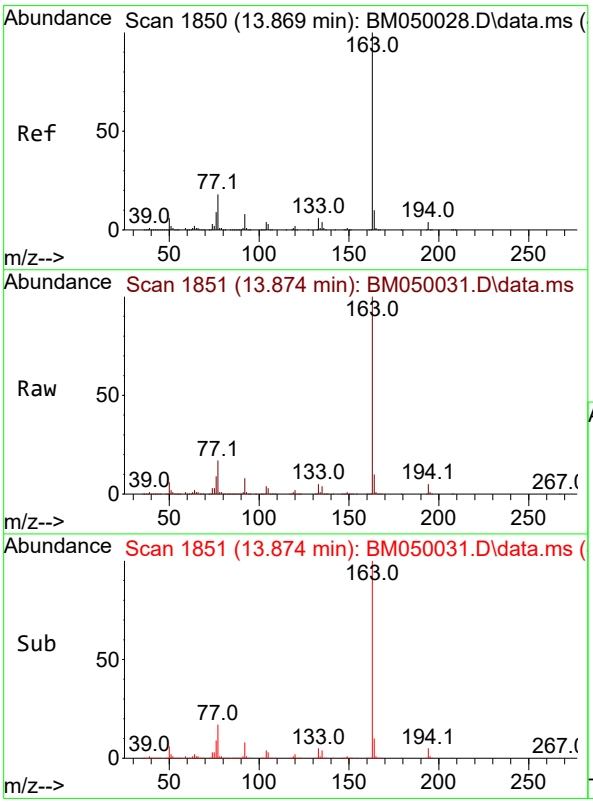
#49
Acenaphthylene
Concen: 79.492 ng
RT: 14.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 4526874

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.4	10.6	15.8

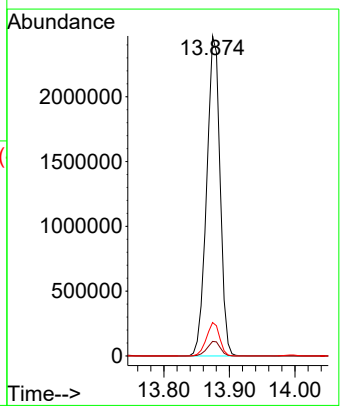


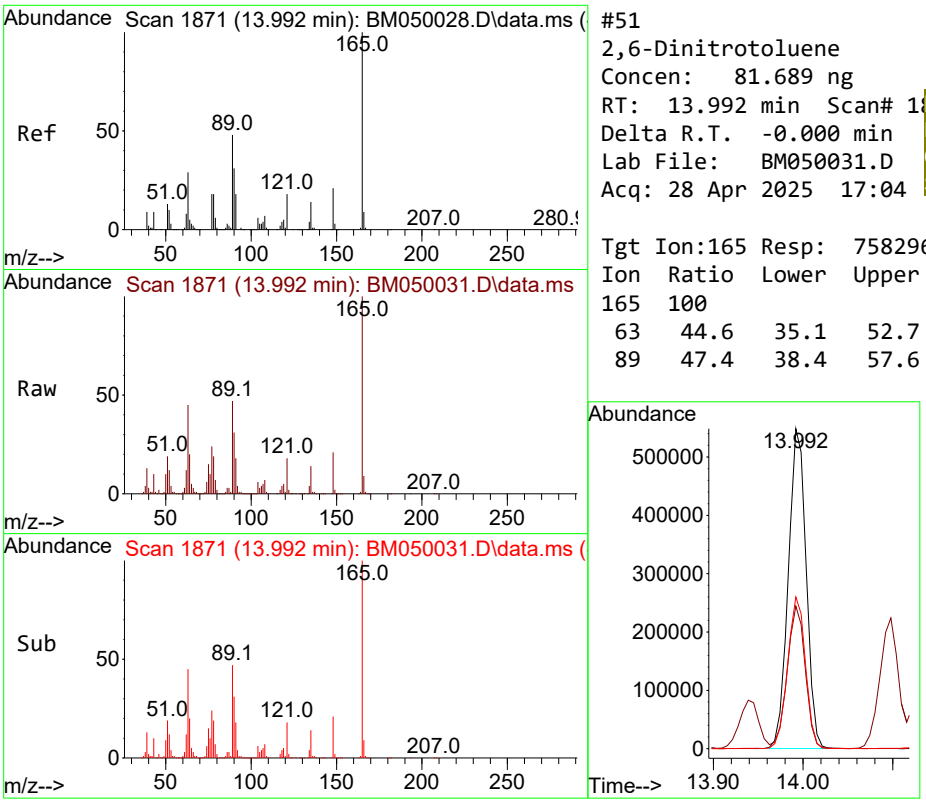


#50
Dimethylphthalate
Concen: 78.228 ng
RT: 13.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:163 Resp: 3507333

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.4	8.2	12.2



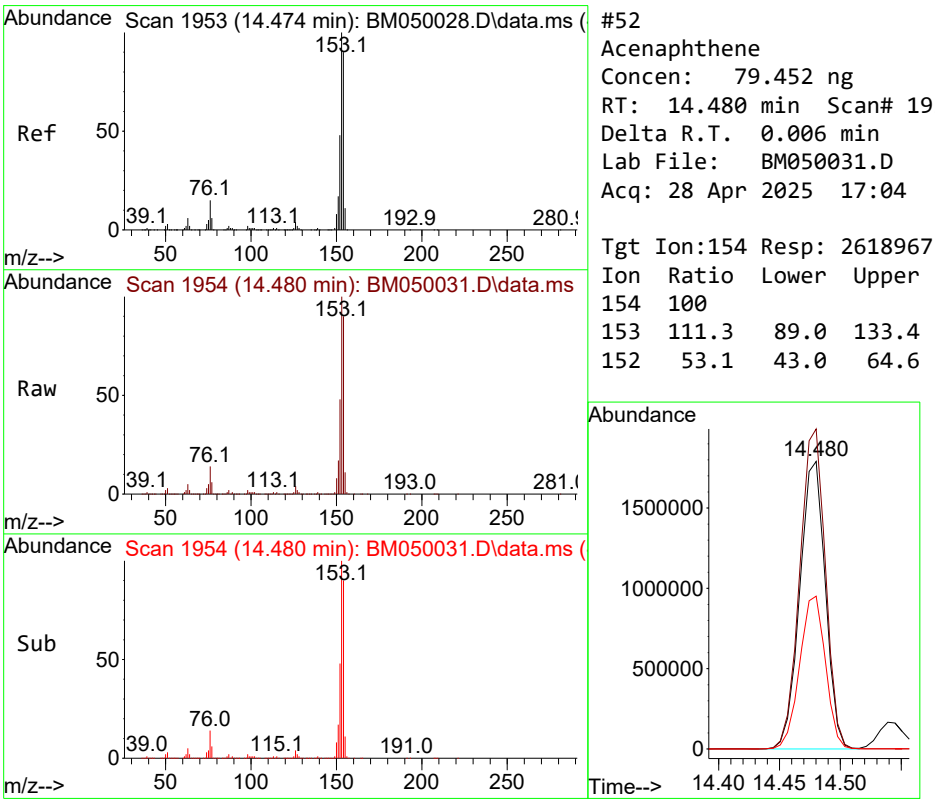


#51
2,6-Dinitrotoluene
Concen: 81.689 ng
RT: 13.992 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 758296

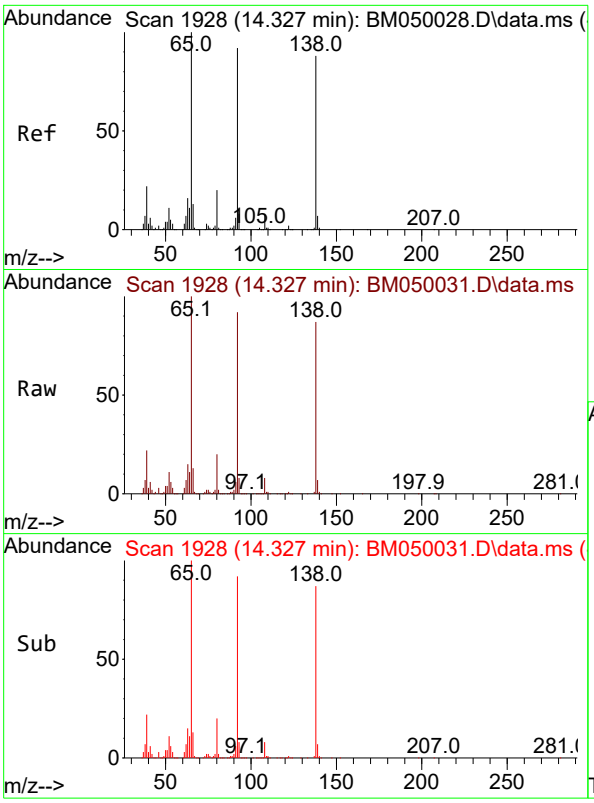
Ion	Ratio	Lower	Upper
165	100		
63	44.6	35.1	52.7
89	47.4	38.4	57.6



#52
Acenaphthene
Concen: 79.452 ng
RT: 14.480 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:154 Resp: 2618967

Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.0	133.4
152	53.1	43.0	64.6

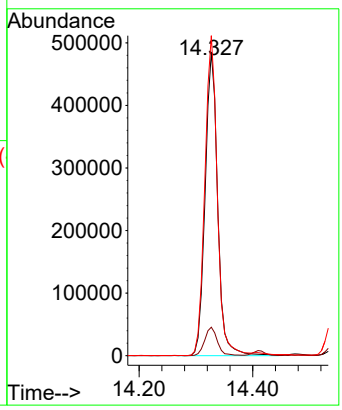


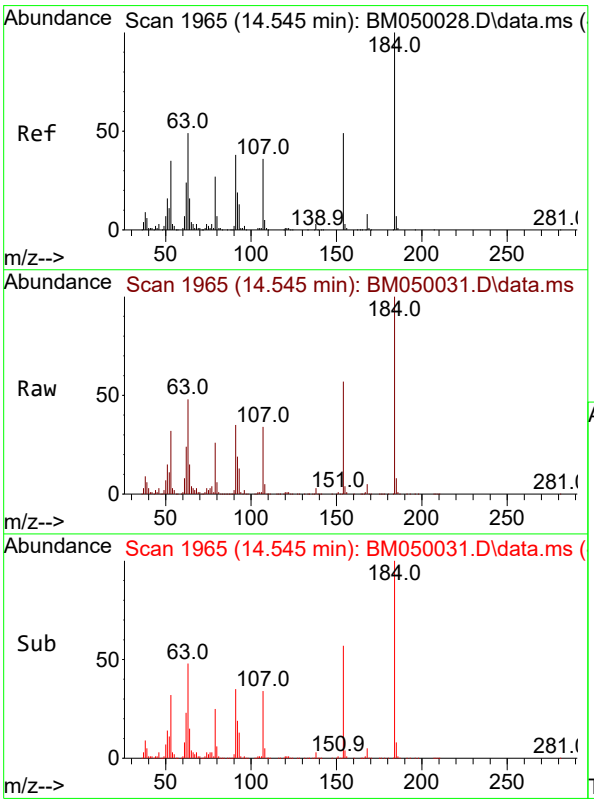
#53
3-Nitroaniline
Concen: 83.521 ng
RT: 14.327 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 740202

Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.4	11.2
92	105.4	84.0	126.0

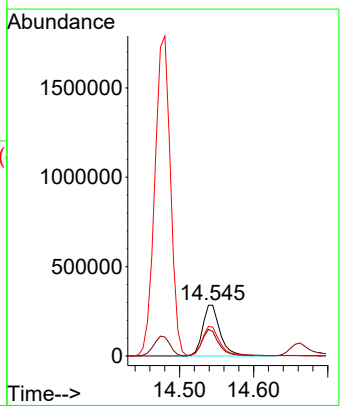


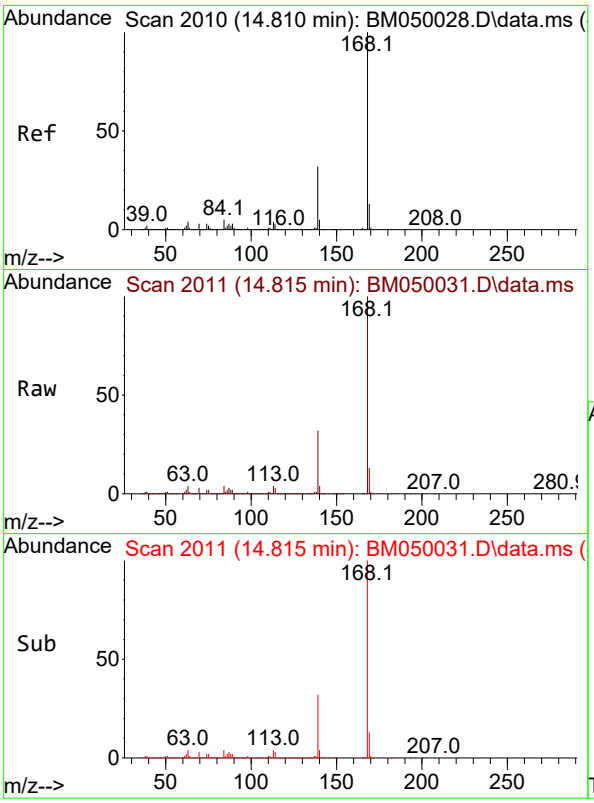


#54
2,4-Dinitrophenol
Concen: 79.096 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:184 Resp: 469472

Ion	Ratio	Lower	Upper
184	100		
63	48.1	39.8	59.6
154	57.0	46.1	69.1



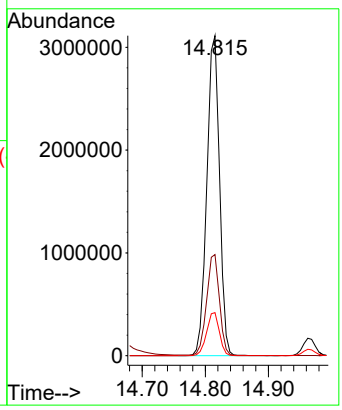


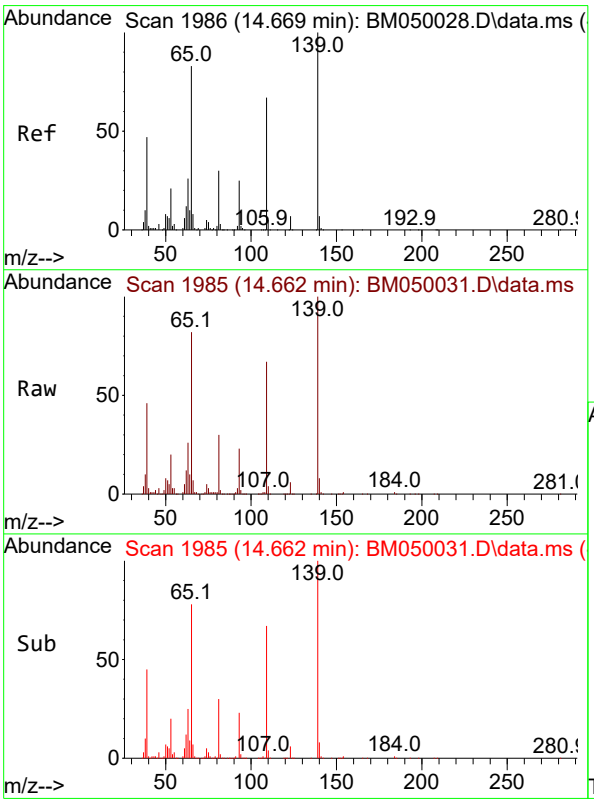
#55
Dibenzofuran
Concen: 78.875 ng
RT: 14.815 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:168 Resp: 4325783

Ion	Ratio	Lower	Upper
168	100		
139	31.6	26.1	39.1
169	13.5	10.8	16.2

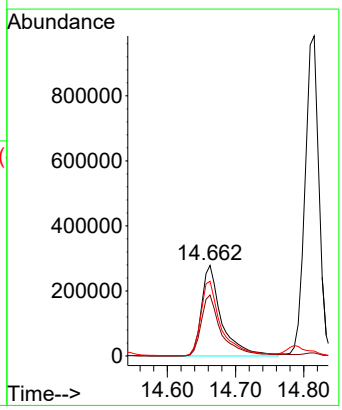


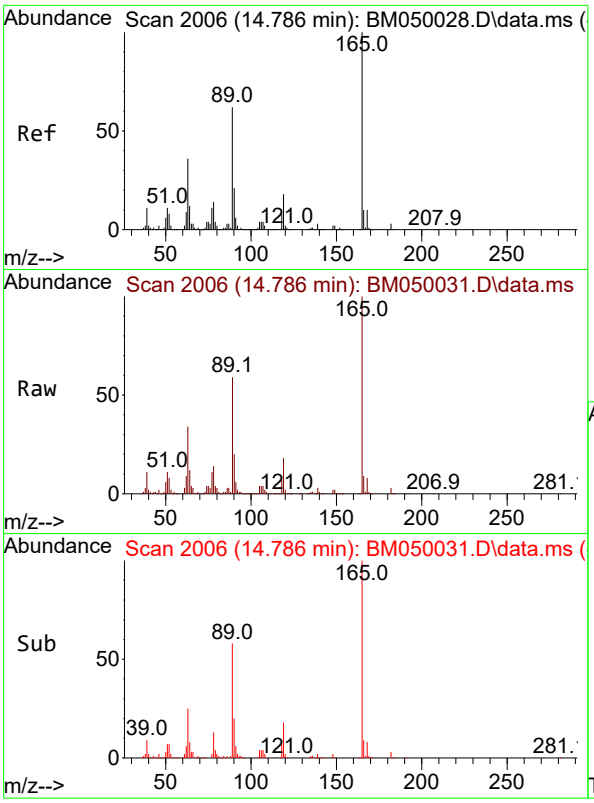


#56
4-Nitrophenol
Concen: 78.710 ng
RT: 14.662 min Scan# 1985
Delta R.T. -0.007 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:139 Resp: 566943

Ion	Ratio	Lower	Upper
139	100		
109	67.2	47.0	87.0
65	82.5	64.3	104.3



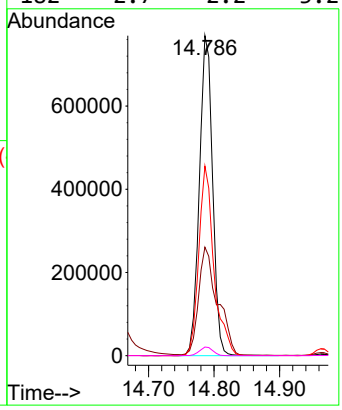


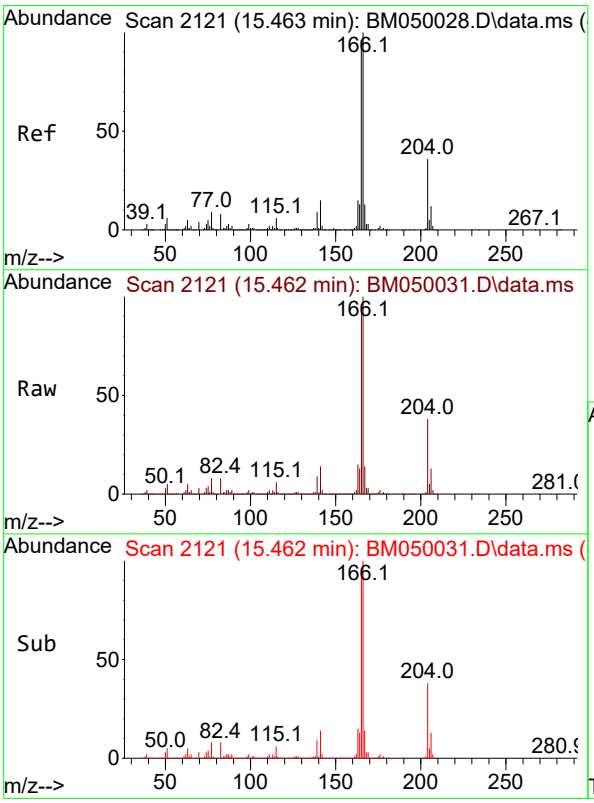
#57
2,4-Dinitrotoluene
Concen: 84.207 ng
RT: 14.786 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 1080118

Ion	Ratio	Lower	Upper
165	100		
63	33.9	29.0	43.6
89	59.2	49.4	74.2
182	2.7	2.2	3.2

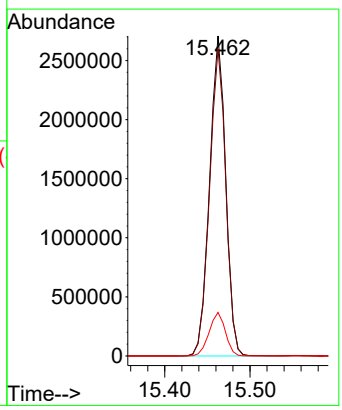


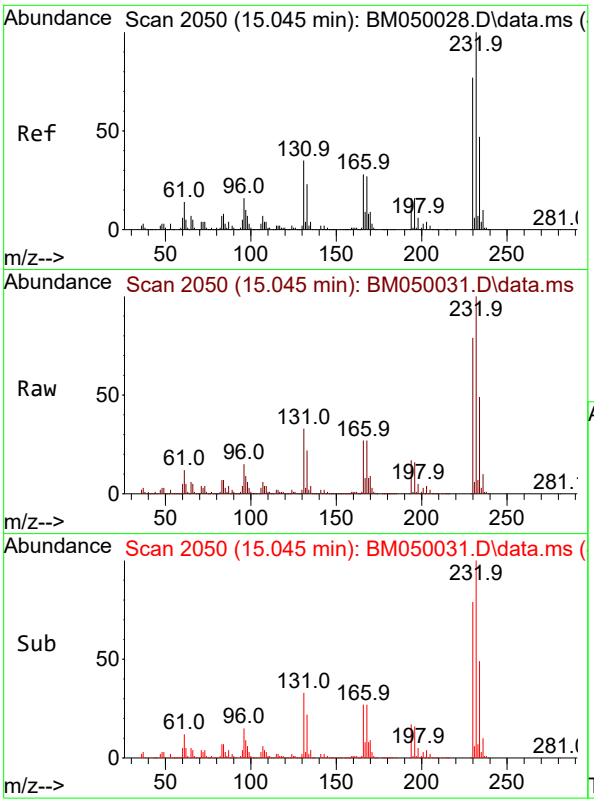


#58
Fluorene
Concen: 79.426 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:166 Resp: 3565506

Ion	Ratio	Lower	Upper
166	100		
165	96.0	76.6	115.0
167	13.6	10.6	16.0



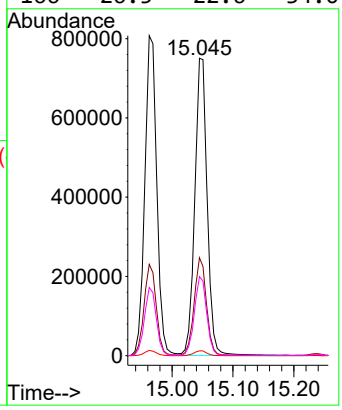


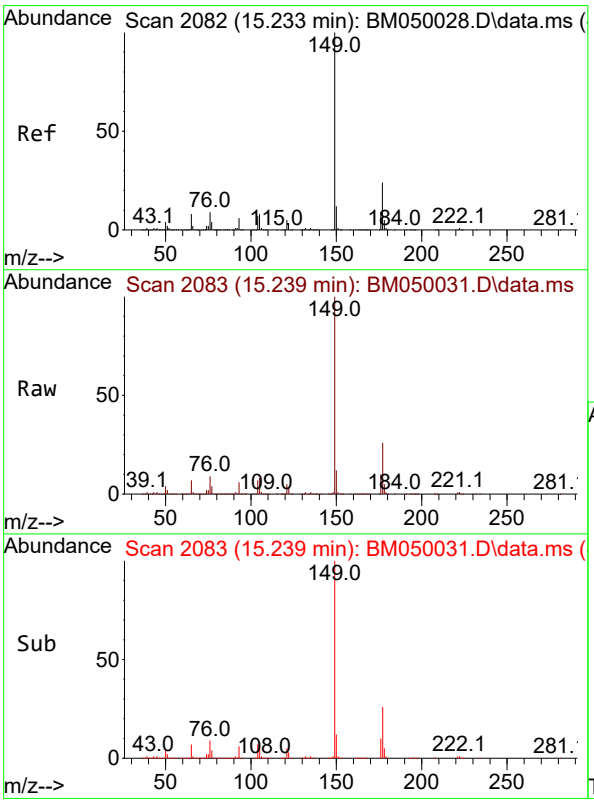
#59
2,3,4,6-Tetrachlorophenol
Concen: 84.123 ng
RT: 15.045 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:232 Resp: 1057707

Ion	Ratio	Lower	Upper
232	100		
131	32.8	28.2	42.4
130	1.7	1.5	2.3
166	26.5	22.6	34.0

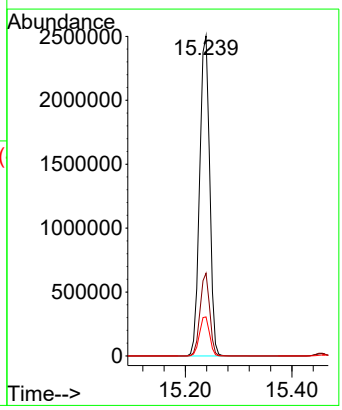


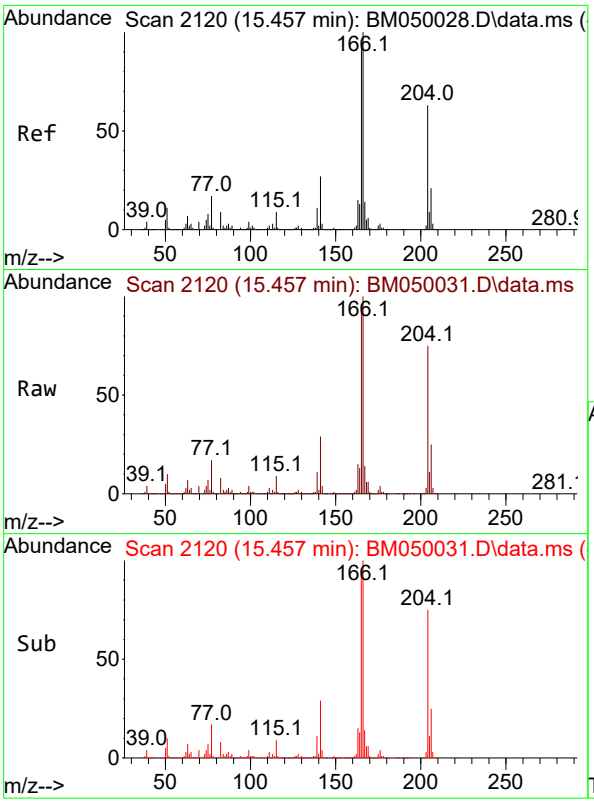


#60
Diethylphthalate
Concen: 77.118 ng
RT: 15.239 min Scan# 2083
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:149 Resp: 3257954

Ion	Ratio	Lower	Upper
149	100		
177	25.8	19.1	28.7
150	12.2	9.6	14.4



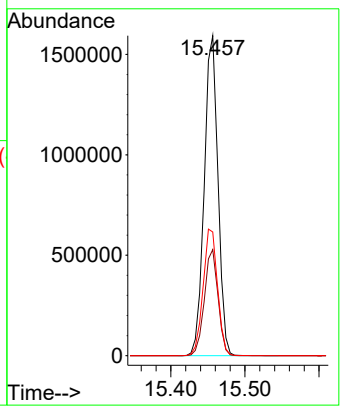


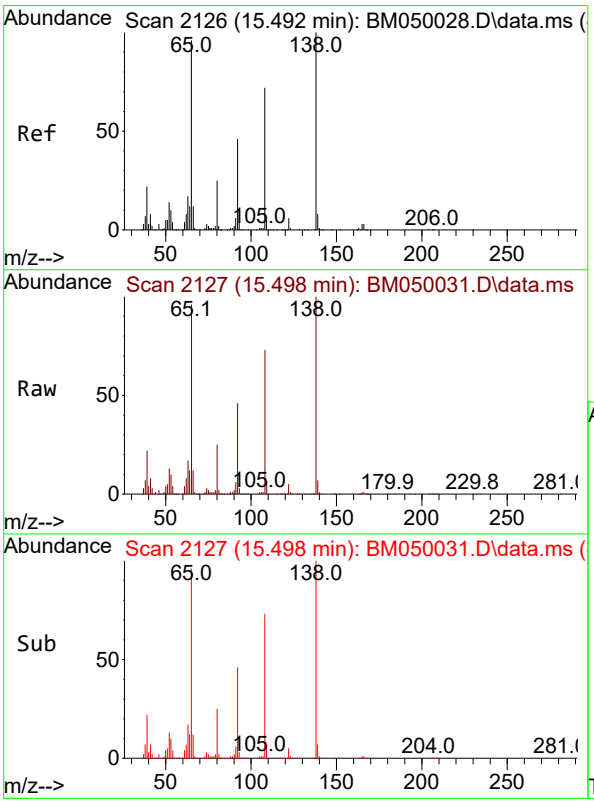
#61
4-Chlorophenyl-phenylether
Concen: 83.186 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:204 Resp: 2051105

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.3	39.5
141	38.7	34.0	51.0

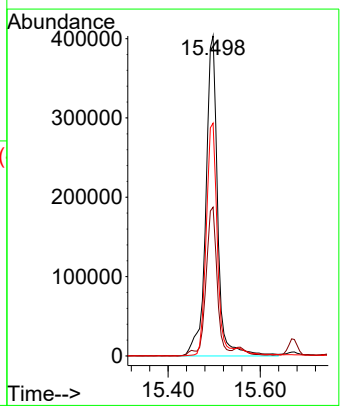


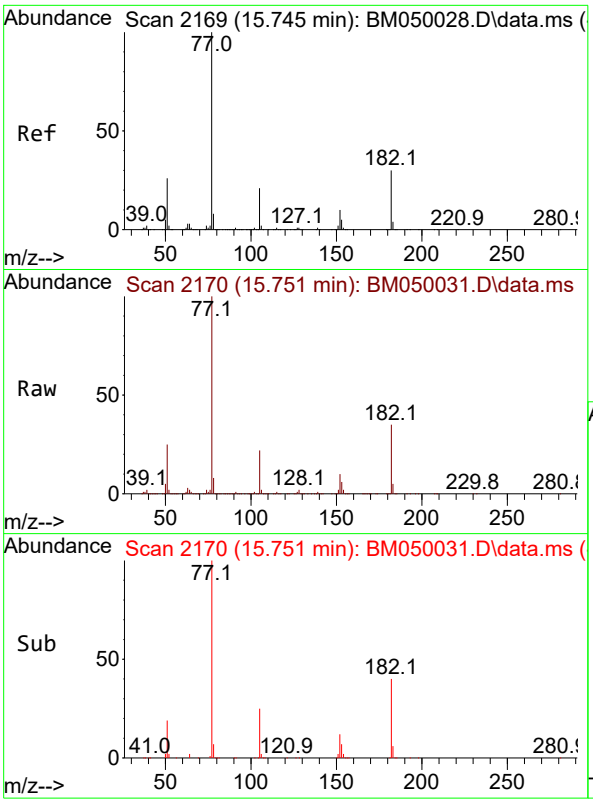


#62
4-Nitroaniline
Concen: 84.678 ng
RT: 15.498 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:138 Resp: 724549

Ion	Ratio	Lower	Upper
138	100		
92	46.5	25.9	65.9
108	72.8	52.4	92.4



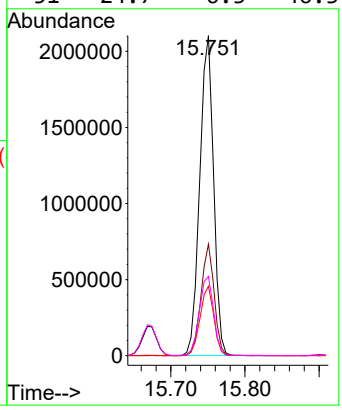


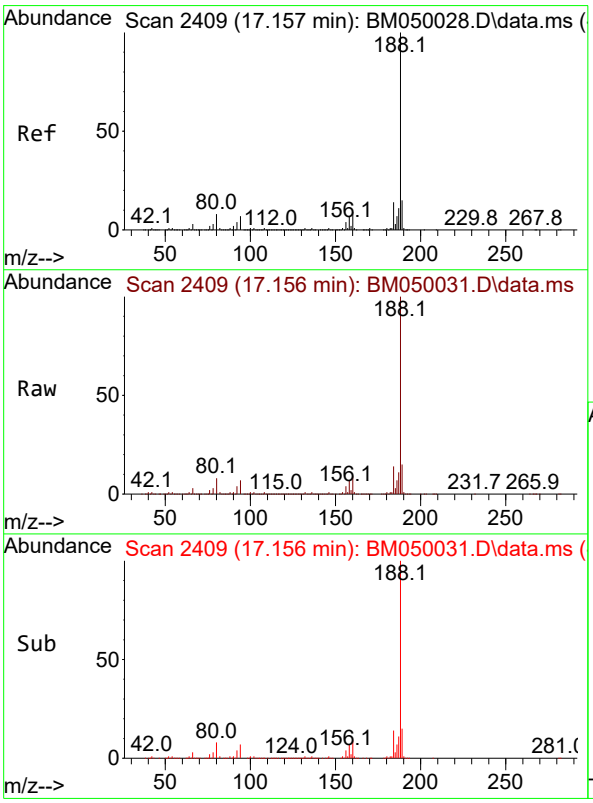
#63
Azobenzene
Concen: 76.914 ng
RT: 15.751 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 2723186

Ion	Ratio	Lower	Upper
77	100		
182	34.9	10.5	50.5
105	21.7	1.1	41.1
51	24.7	6.3	46.3

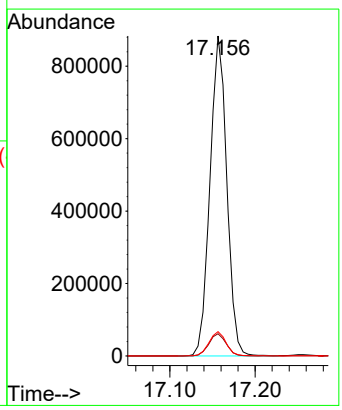


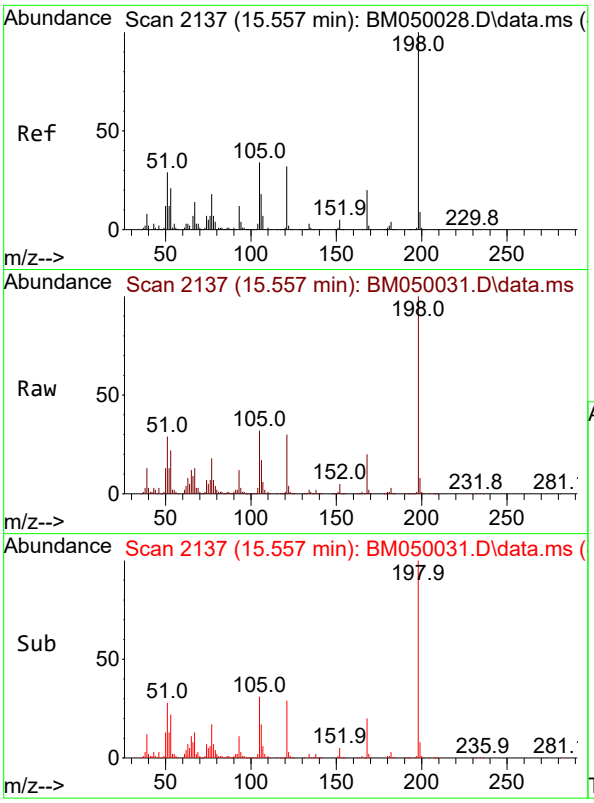


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2409
Delta R.T. -0.001 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:188 Resp: 1212251

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.7	8.5
80	7.6	6.2	9.4



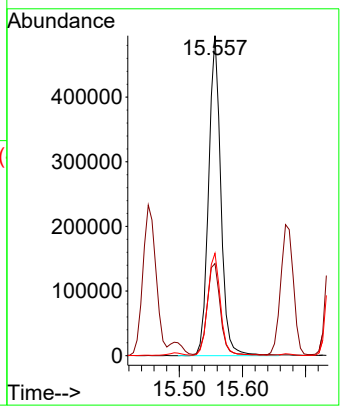


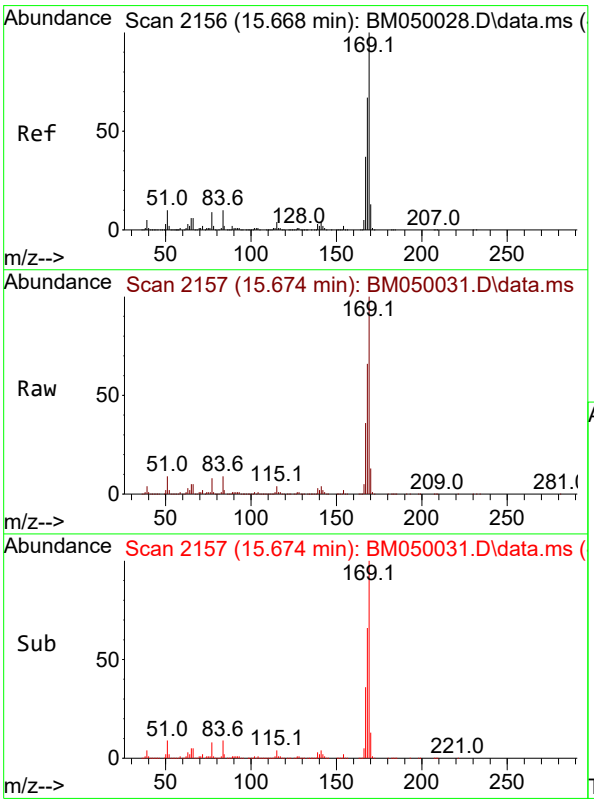
#65
4,6-Dinitro-2-methylphenol
Concen: 87.741 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 665798

Ion	Ratio	Lower	Upper
198	100		
51	28.8	10.4	50.4
105	32.0	14.6	54.6

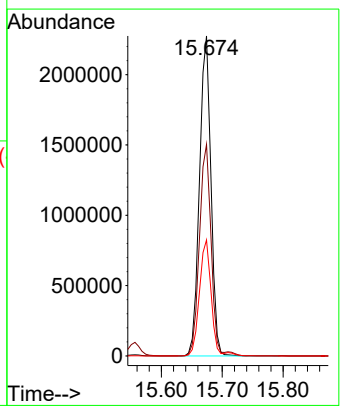


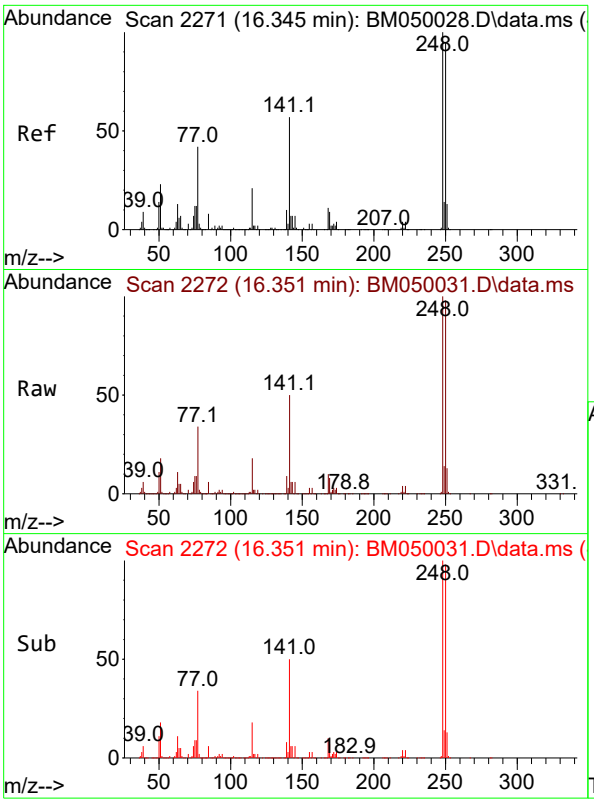


#66
n-Nitrosodiphenylamine
Concen: 79.443 ng
RT: 15.674 min Scan# 2157
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:169 Resp: 2957293

Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.4	80.2
167	36.3	29.4	44.0



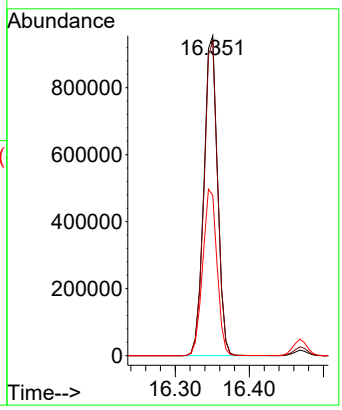


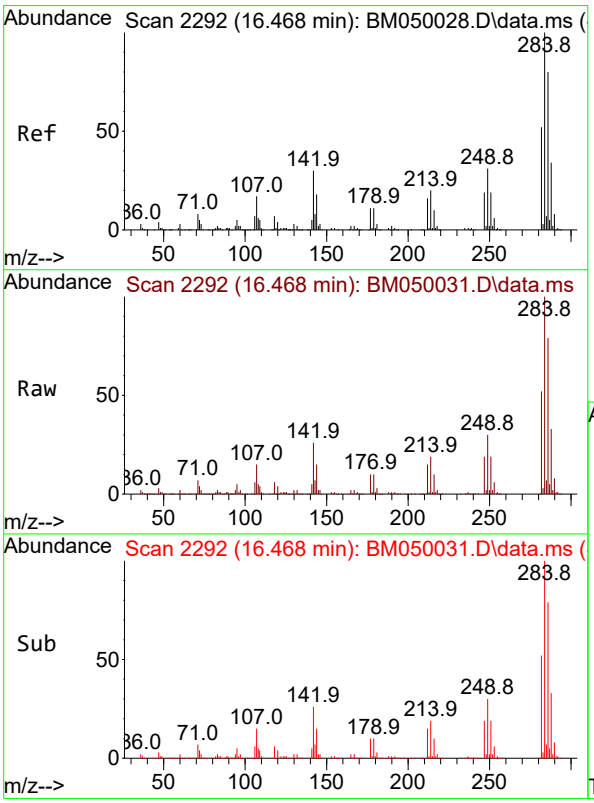
#67
4-Bromophenyl-phenylether
Concen: 83.600 ng
RT: 16.351 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:248 Resp: 1225531

Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.2	114.2
141	50.1	45.9	68.9

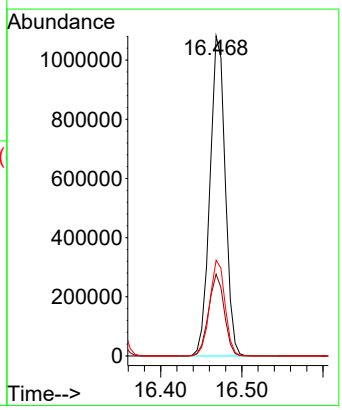


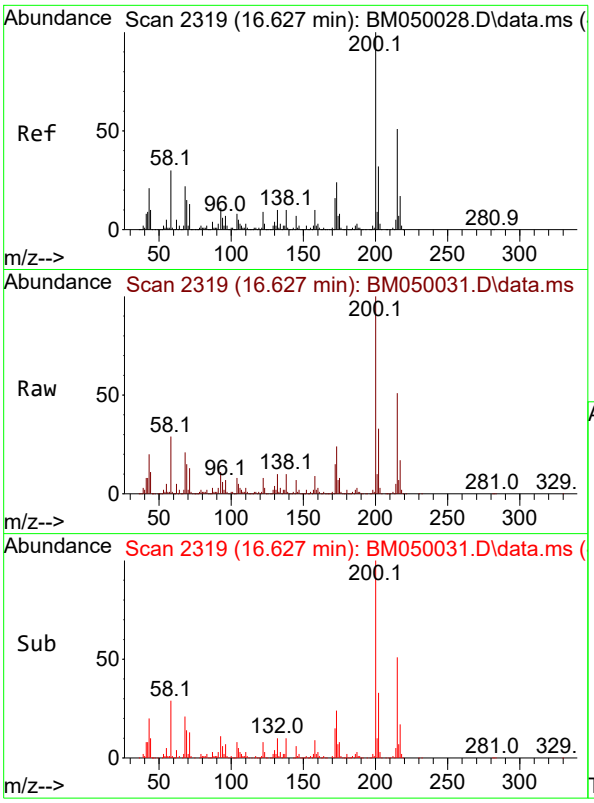


#68
Hexachlorobenzene
Concen: 83.606 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:284 Resp: 1412768

Ion	Ratio	Lower	Upper
284	100		
142	25.5	23.9	35.9
249	29.9	24.5	36.7



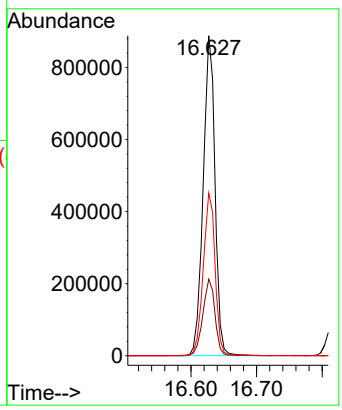


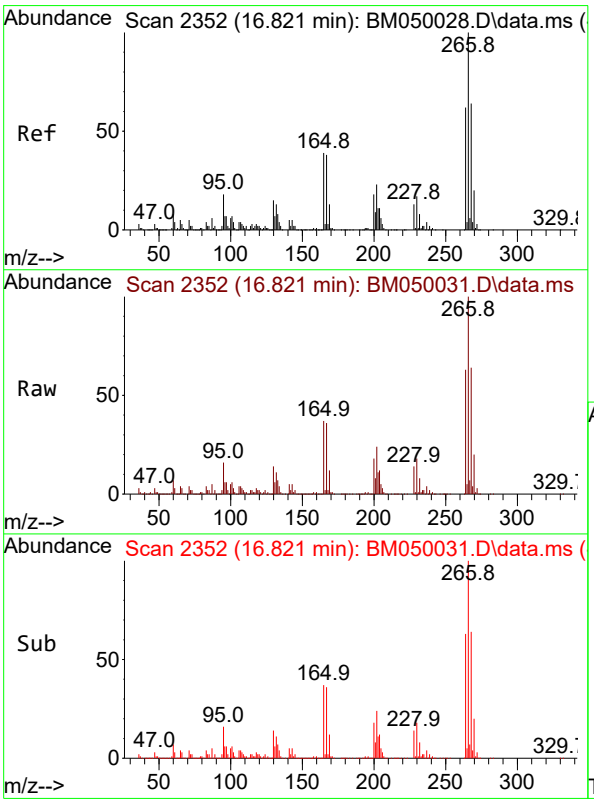
#69
Atrazine
Concen: 83.174 ng
RT: 16.627 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:200 Resp: 1116818

Ion	Ratio	Lower	Upper
200	100		
173	23.9	4.3	44.3
215	50.8	30.6	70.6

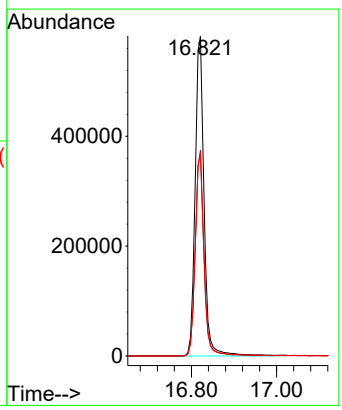


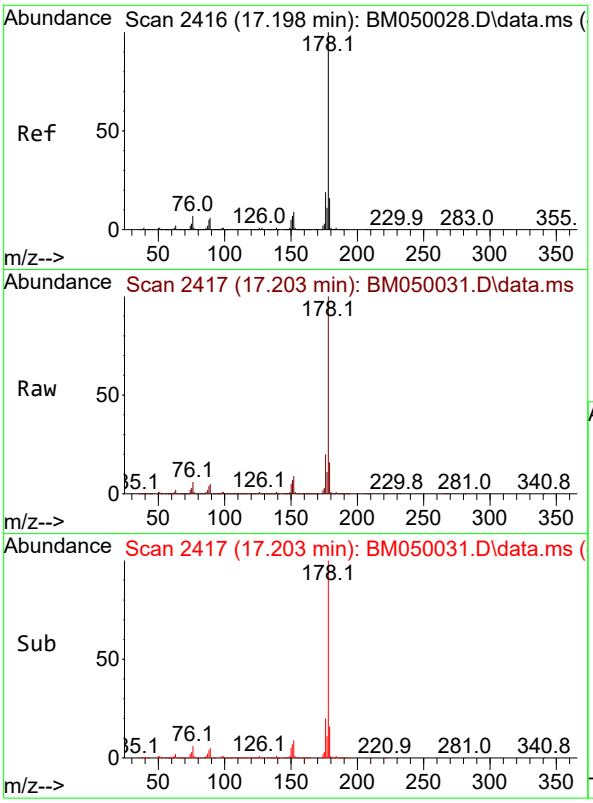


#70
Pentachlorophenol
Concen: 88.648 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:266 Resp: 843195

Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.2	76.8
264	63.1	49.6	74.4



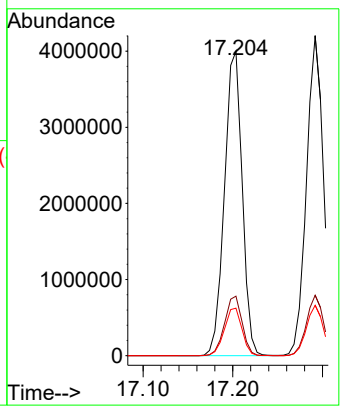


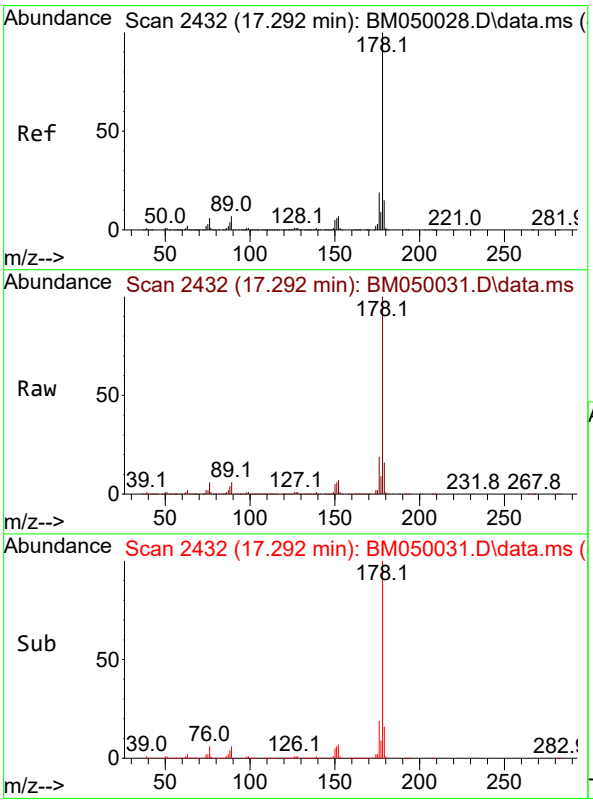
#71
Phenanthrene
Concen: 80.266 ng
RT: 17.203 min Scan# 24
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 5487968

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.6	12.4	18.6

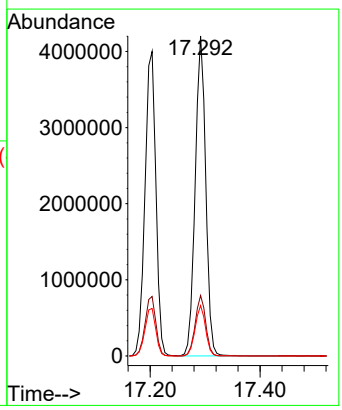


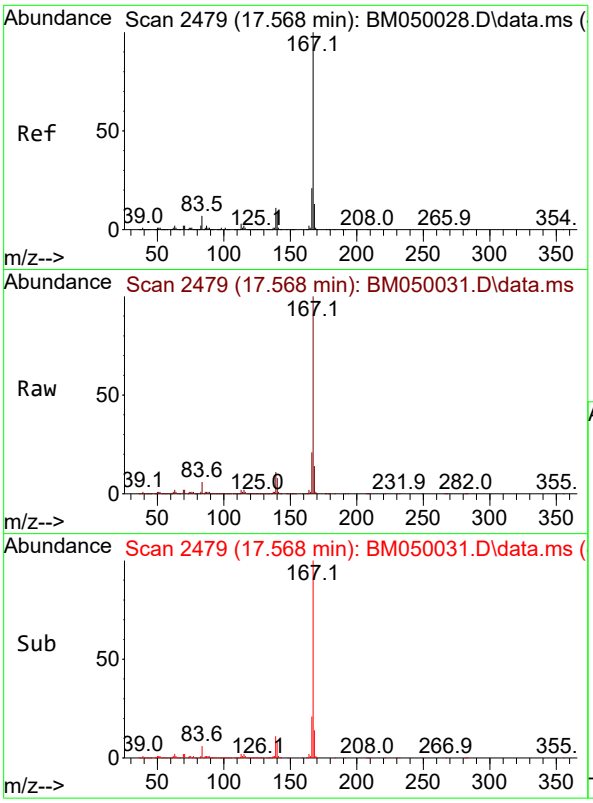


#72
Anthracene
Concen: 80.893 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:178 Resp: 5597195

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.8	12.2	18.4



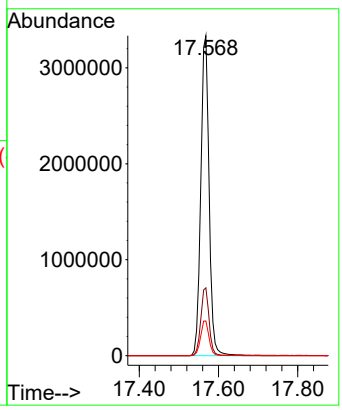


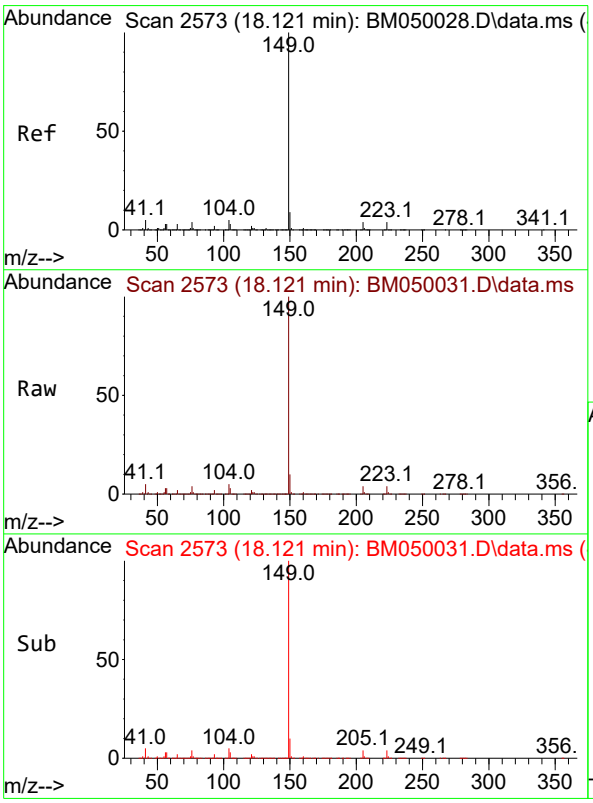
#73
Carbazole
Concen: 80.705 ng
RT: 17.568 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:167 Resp: 4845637

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	10.8	9.0	13.6

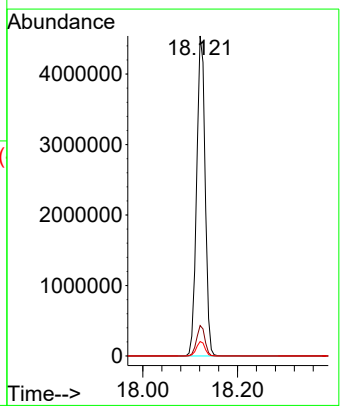


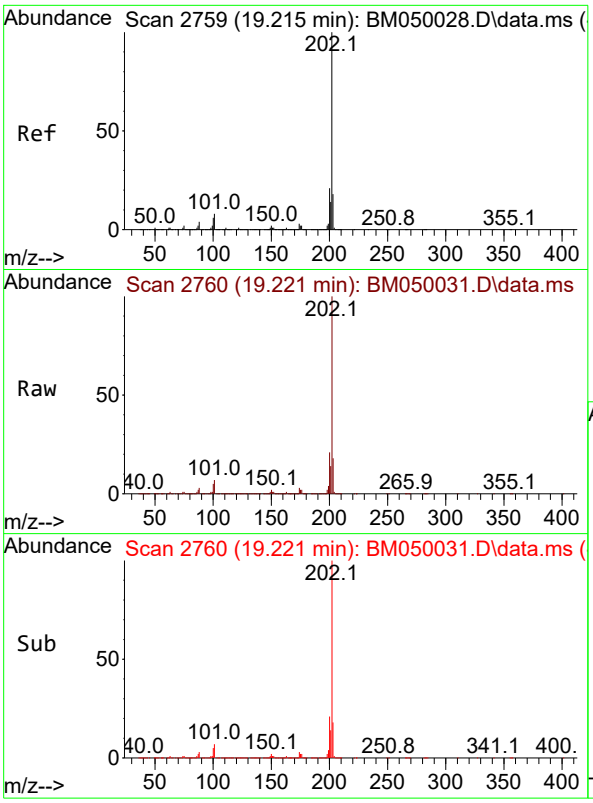


#74
Di-n-butylphthalate
Concen: 79.007 ng
RT: 18.121 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:149 Resp: 5649166

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.3	10.9
104	4.5	3.8	5.6



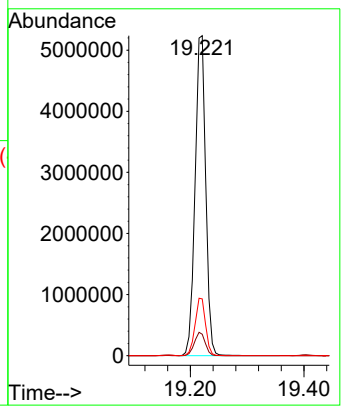


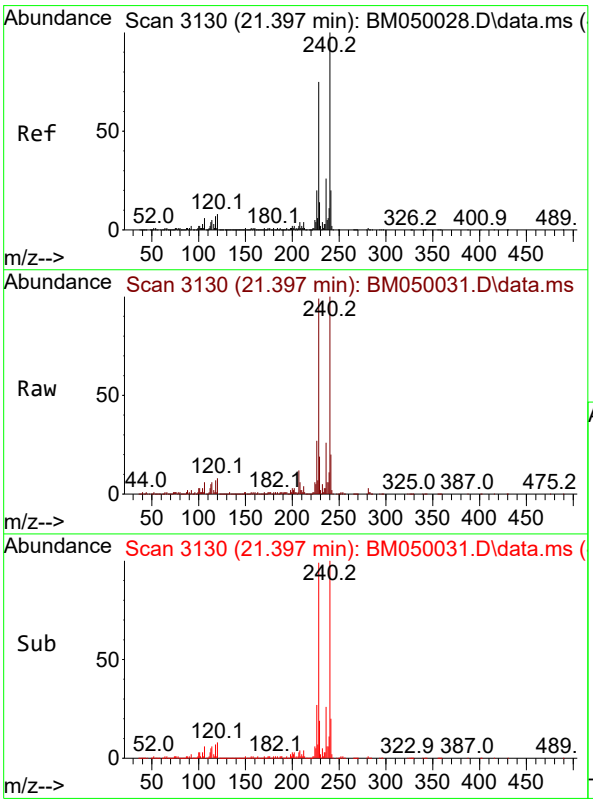
#75
Fluoranthene
Concen: 85.234 ng
RT: 19.221 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 6841999

Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	28.0
203	17.7	0.0	37.7

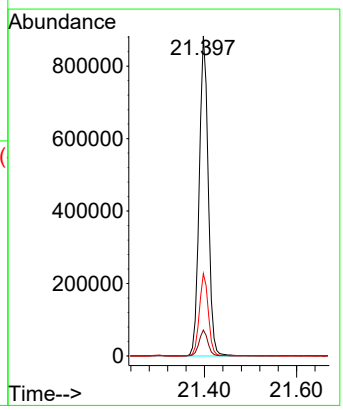


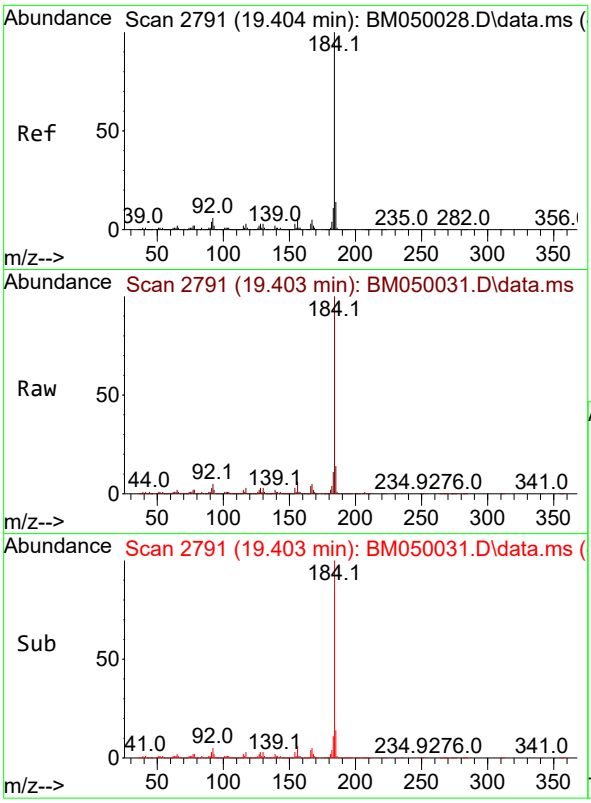


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:240 Resp: 1197780

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.5	9.7
236	25.8	20.9	31.3



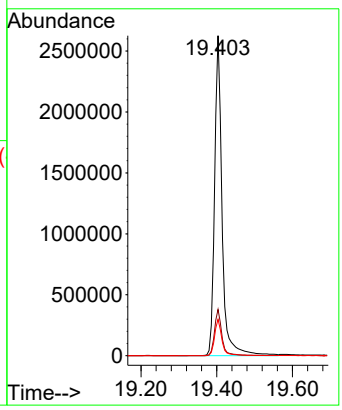


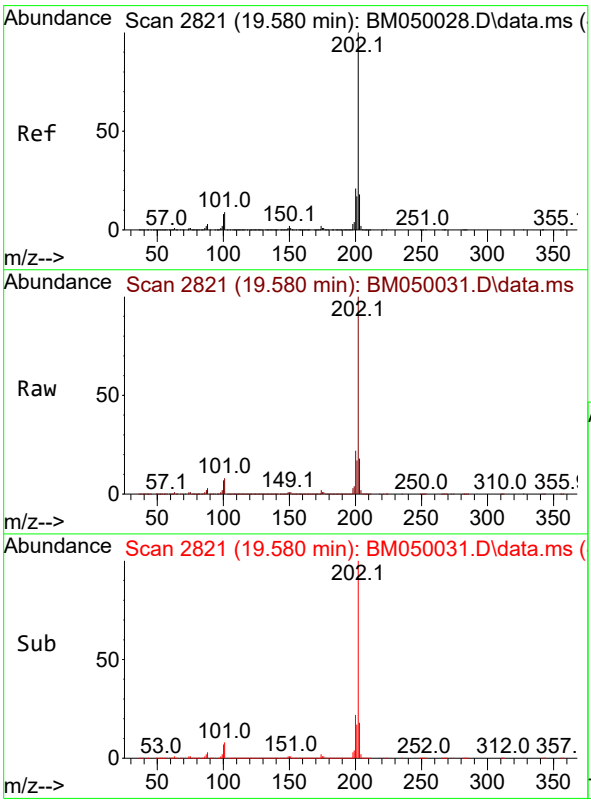
#77
Benzidine
Concen: 84.575 ng
RT: 19.403 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 3598340

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	11.3	8.9	13.3

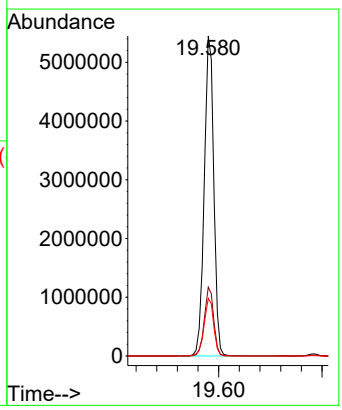


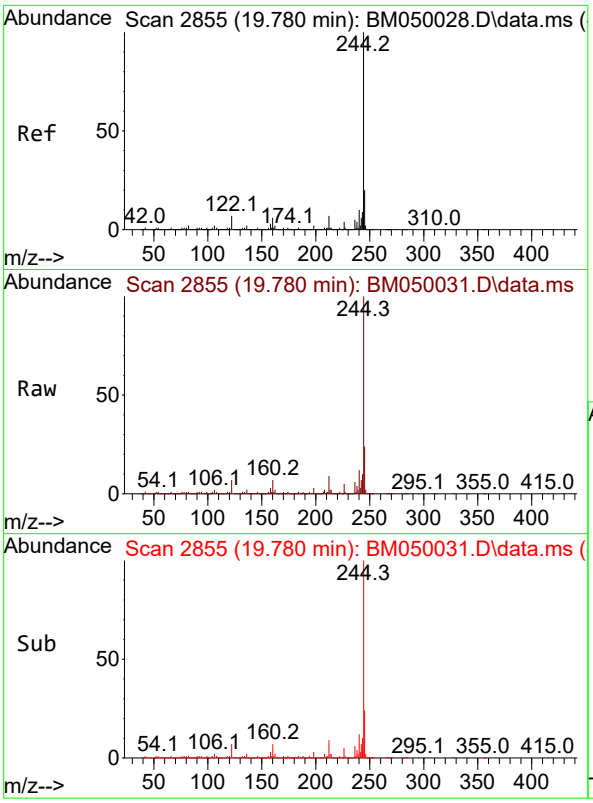


#78
Pyrene
Concen: 82.738 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:202 Resp: 6959279

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.7	25.1
203	18.0	14.1	21.1



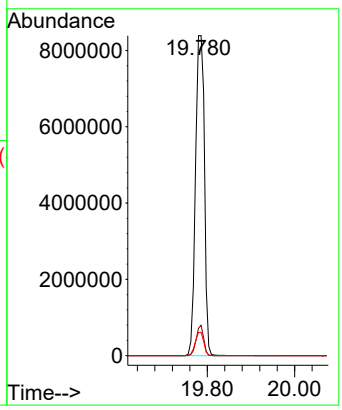


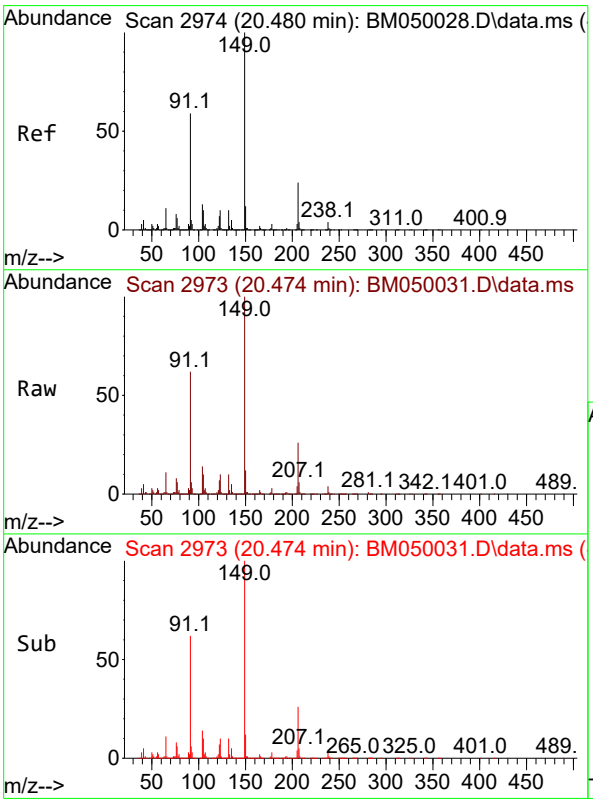
#79
Terphenyl-d14
Concen: 146.730 ng
RT: 19.780 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:244 Resp:11877110

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.6	8.4#
122	7.3	5.6	8.4

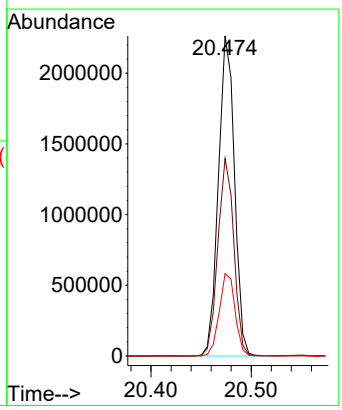


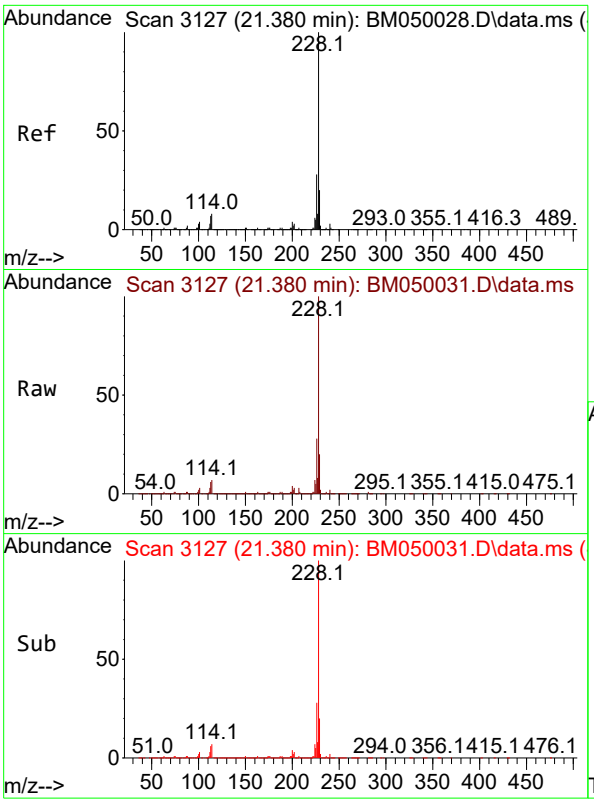


#80
Butylbenzylphthalate
Concen: 79.760 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:149 Resp: 2512705

Ion	Ratio	Lower	Upper
149	100		
91	61.7	47.4	71.2
206	25.7	19.4	29.0



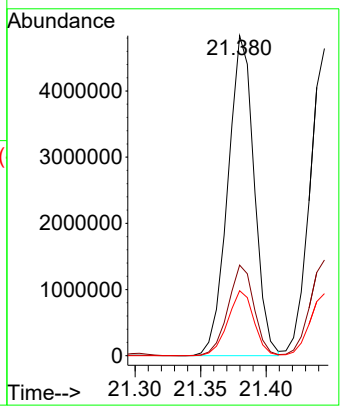


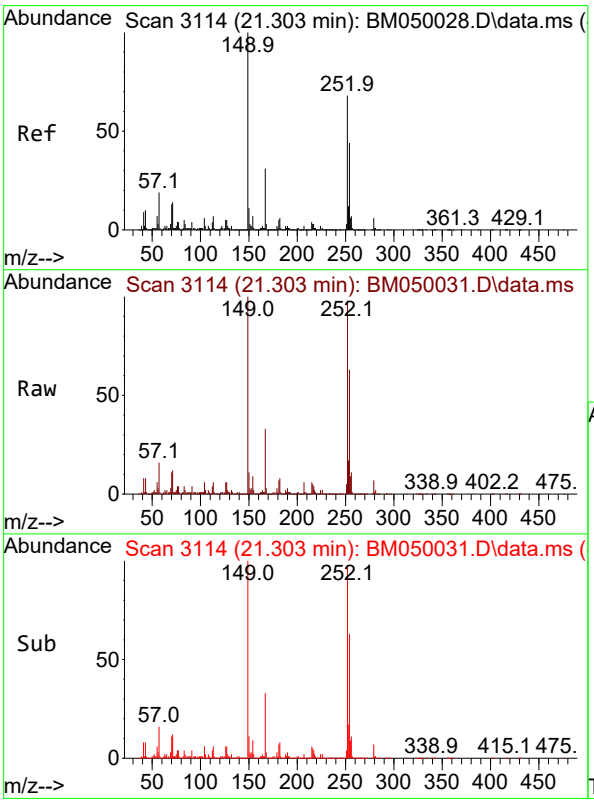
#81
Benzo(a)anthracene
Concen: 81.808 ng
RT: 21.380 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 6747718

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.1	33.1
229	20.3	15.7	23.5

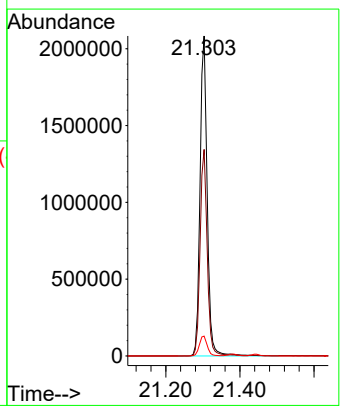


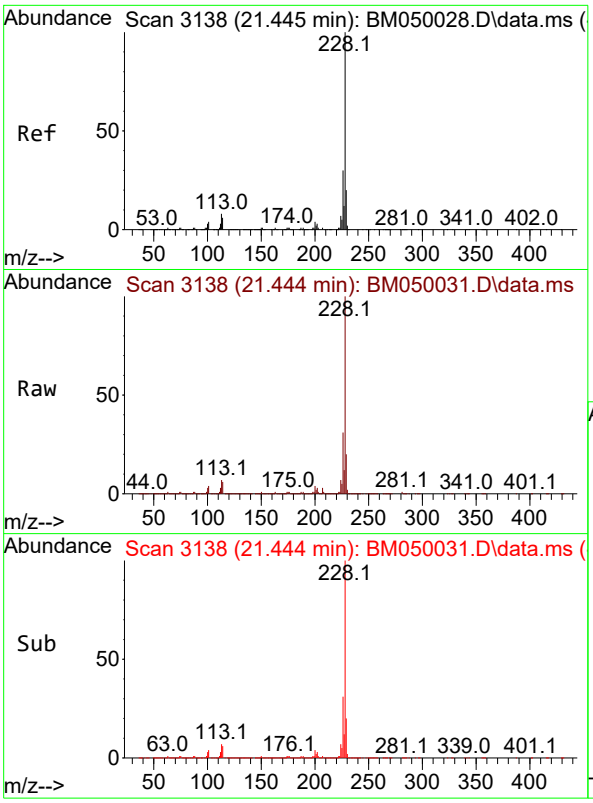


#82
3,3'-Dichlorobenzidine
Concen: 88.111 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:252 Resp: 2782107

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.8	77.6
126	6.2	6.0	9.0



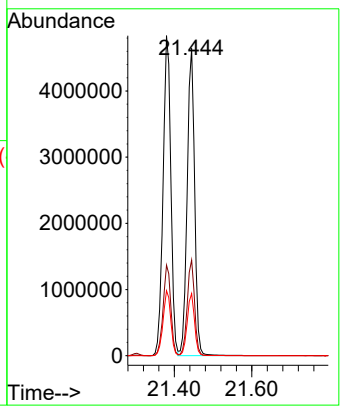


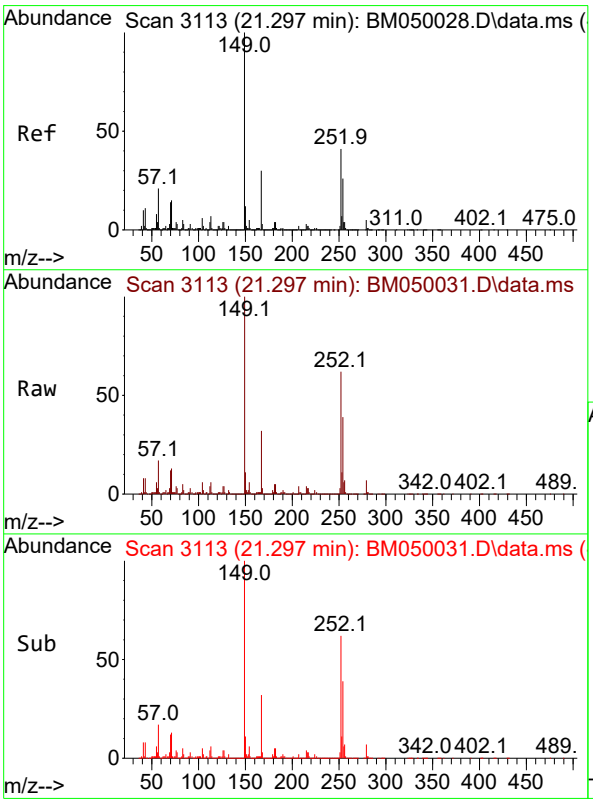
#83
Chrysene
Concen: 81.316 ng
RT: 21.444 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 6207632

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.2	36.2
229	20.2	15.7	23.5

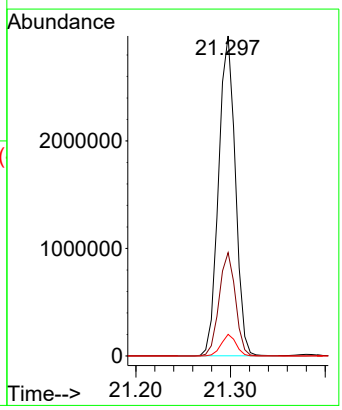


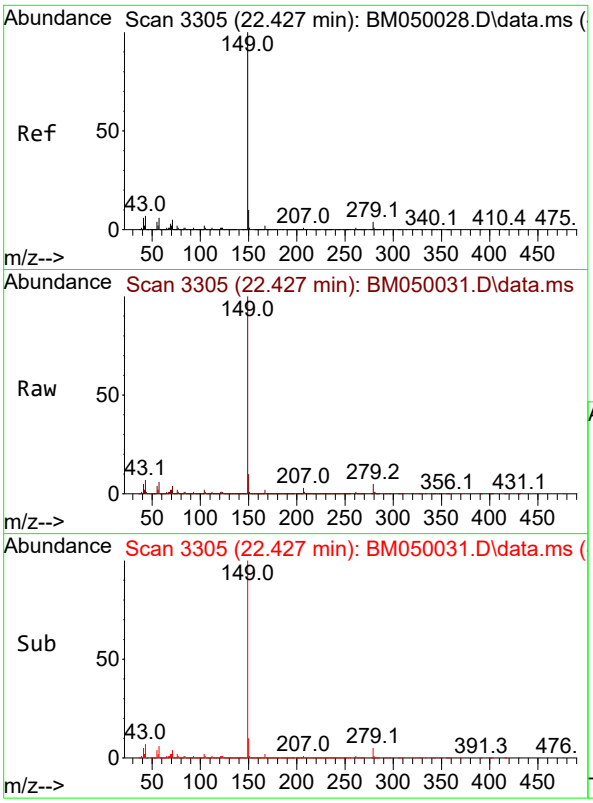


#84
Bis(2-ethylhexyl)phthalate
Concen: 77.905 ng
RT: 21.297 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:149 Resp: 3665836

Ion	Ratio	Lower	Upper
149	100		
167	32.3	24.1	36.1
279	6.7	3.9	5.9#



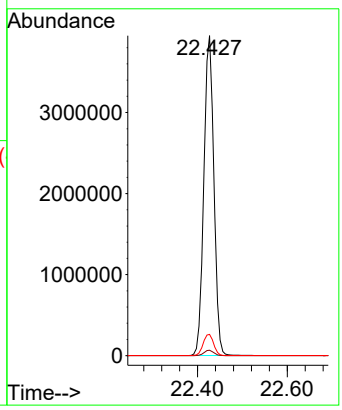


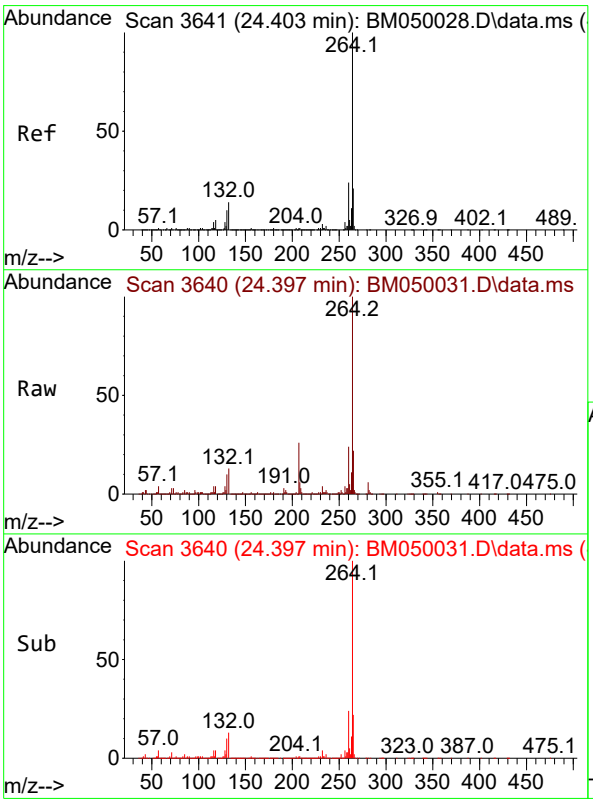
#85
Di-n-octyl phthalate
Concen: 78.732 ng
RT: 22.427 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 6109632

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.0	5.8	8.8

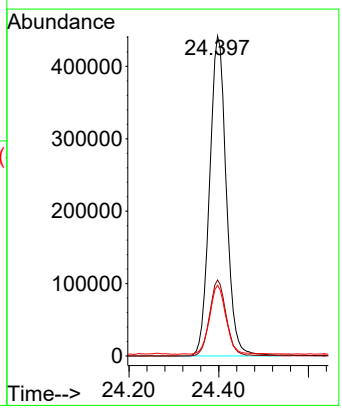


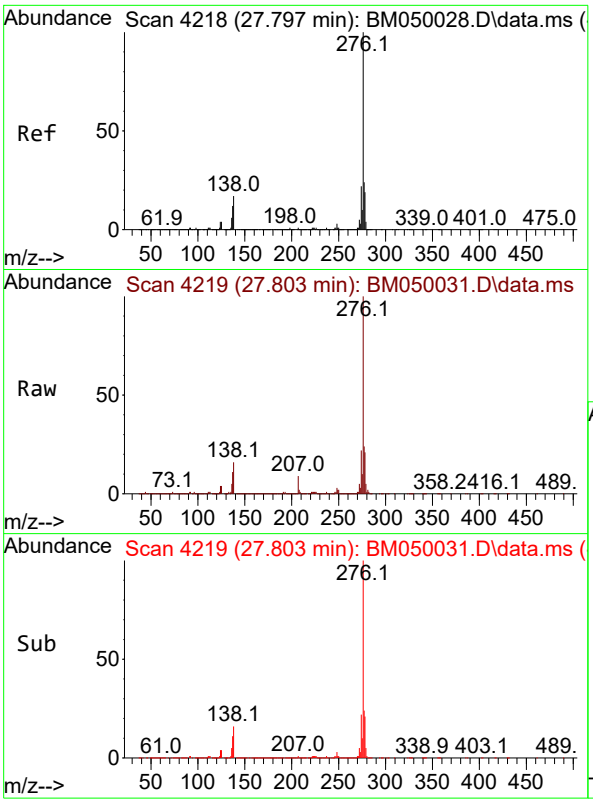


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:264 Resp: 1141905

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	22.1	17.0	25.4



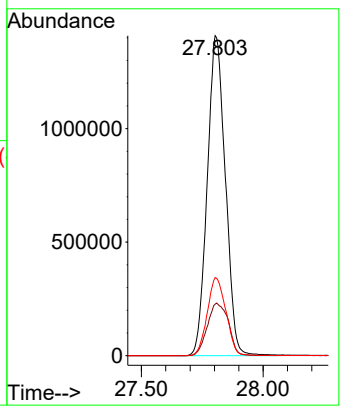


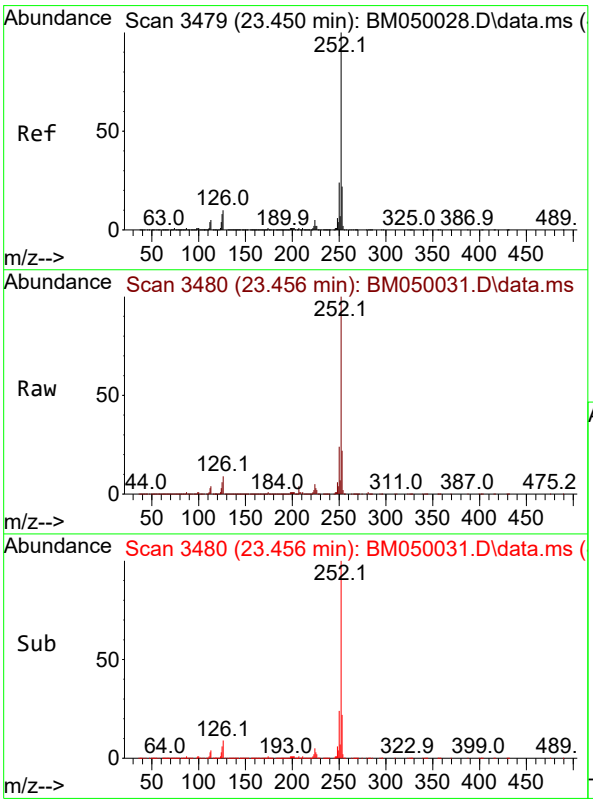
#87
Indeno(1,2,3-cd)pyrene
Concen: 85.629 ng
RT: 27.803 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp: 7285836

Ion	Ratio	Lower	Upper
276	100		
138	19.2	16.4	24.6
277	25.1	19.8	29.8

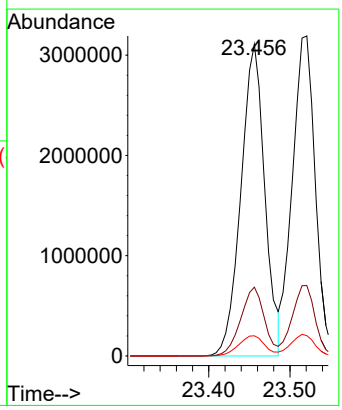


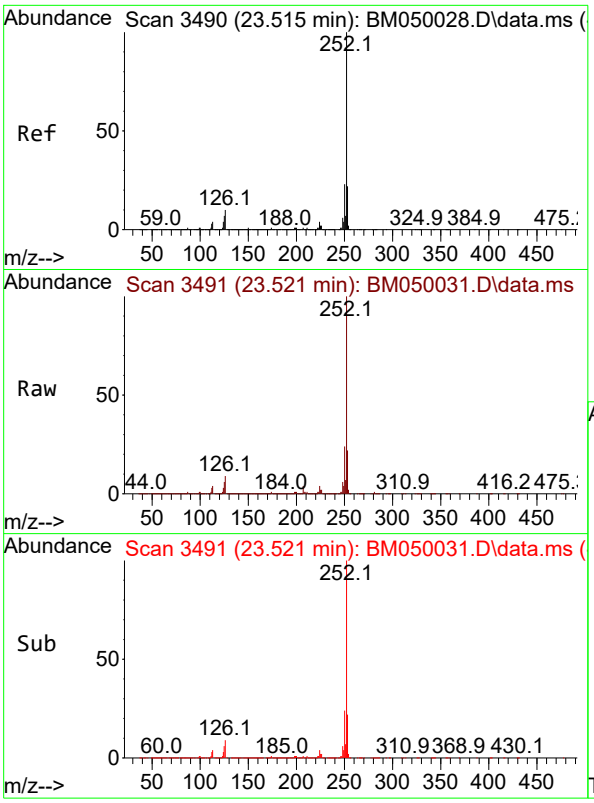


#88
Benzo(b)fluoranthene
Concen: 85.480 ng
RT: 23.456 min Scan# 3480
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:252 Resp: 6347901

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	6.5	6.1	9.1



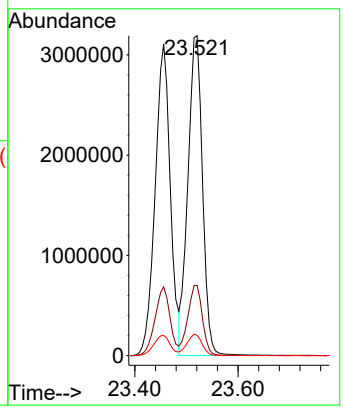


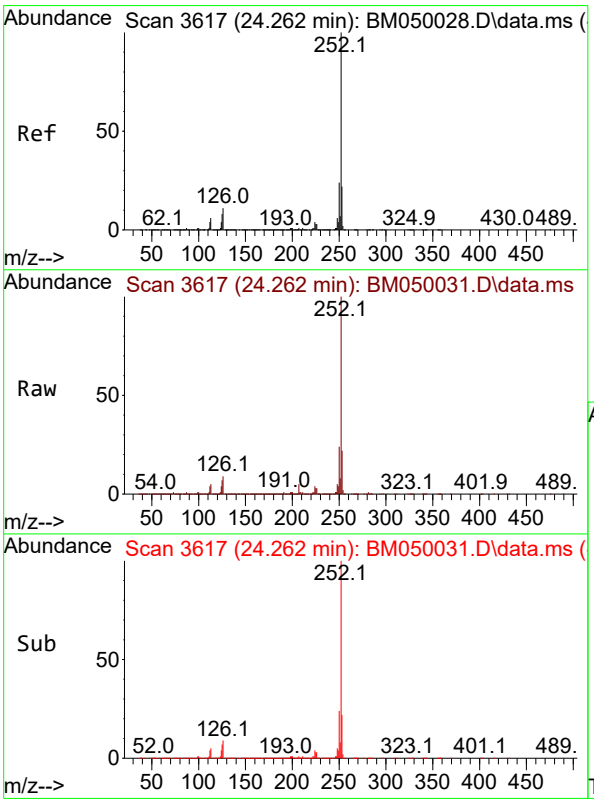
#89
Benzo(k)fluoranthene
Concen: 83.396 ng
RT: 23.521 min Scan# 34
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 6265924

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	6.4	5.8	8.8

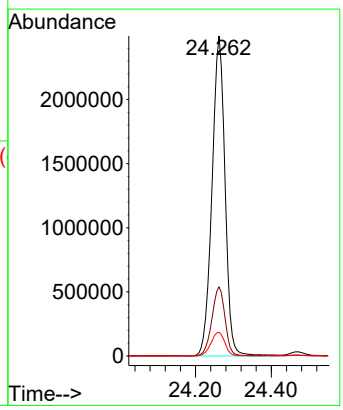


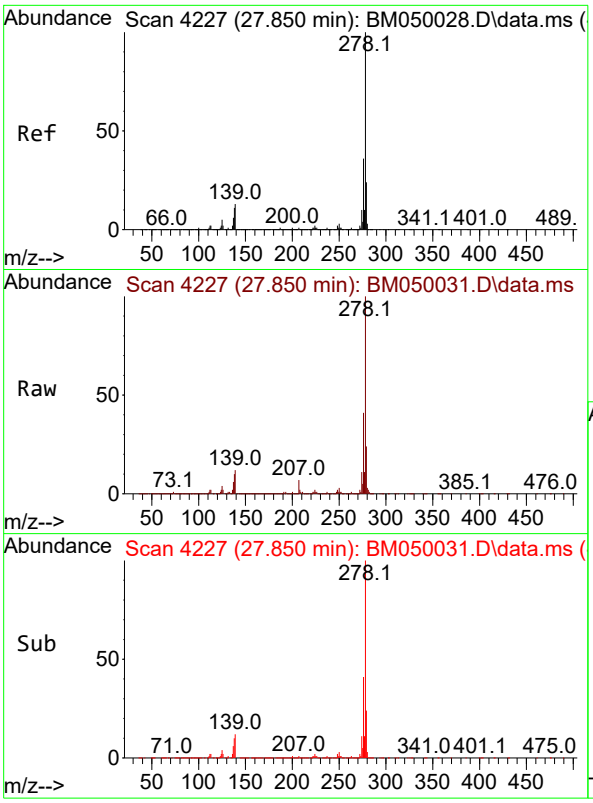


#90
Benzo(a)pyrene
Concen: 85.195 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:252 Resp: 5925652

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	7.4	6.6	9.8



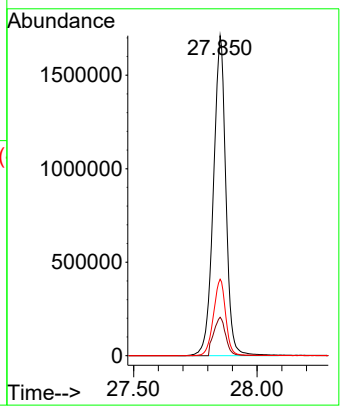


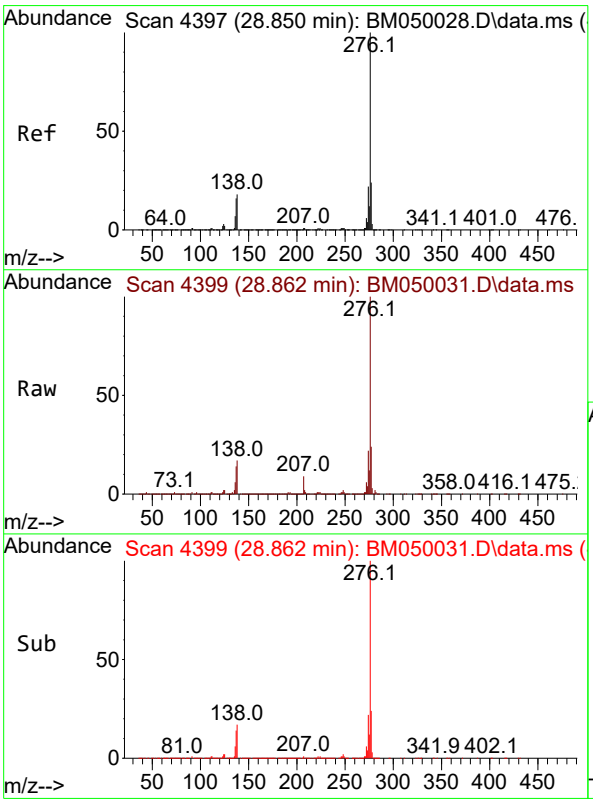
#91
Dibenzo(a,h)anthracene
Concen: 86.239 ng
RT: 27.850 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 5981478

Ion	Ratio	Lower	Upper
278	100		
139	12.0	10.5	15.7
279	23.9	19.4	29.0

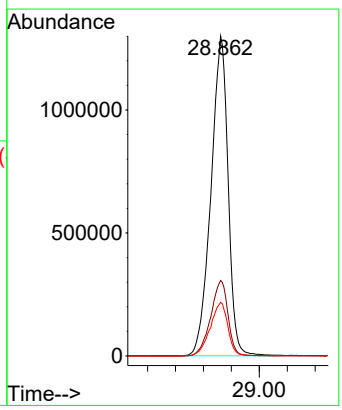




#92
Benzo(g,h,i)perylene
Concen: 83.395 ng
RT: 28.862 min Scan# 4399
Delta R.T. 0.012 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:276 Resp: 5537637

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	16.7	14.3	21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	230127	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	877692	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	605832	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1251563	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1285998	20.000	ng	0.00
86) Perylene-d12	24.397	264	1266367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1155553	87.928	ng	0.00
7) Phenol-d6	6.951	99	1488919	90.140	ng	0.00
23) Nitrobenzene-d5	8.928	82	1385703	77.798	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	810732	90.503	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	3905385	76.259	ng	0.00
79) Terphenyl-d14	19.780	244	6863055	78.970	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	253433	44.976	ng	99
3) Pyridine	3.657	79	673723	46.534	ng	98
4) n-Nitrosodimethylamine	3.569	42	260951	45.956	ng	99
6) Aniline	7.098	93	974989	46.744	ng	98
8) 2-Chlorophenol	7.339	128	649705	45.724	ng	99
9) Benzaldehyde	6.910	77	485673m	43.937	ng	
10) Phenol	6.981	94	784469	46.913	ng	98
11) bis(2-Chloroethyl)ether	7.192	93	635601	45.521	ng	98
12) 1,3-Dichlorobenzene	7.657	146	766772	44.672	ng	99
13) 1,4-Dichlorobenzene	7.804	146	774954	44.941	ng	100
14) 1,2-Dichlorobenzene	8.122	146	752460	45.174	ng	100
15) Benzyl Alcohol	8.016	79	551757	48.167	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.298	45	762583	44.929	ng	99
17) 2-Methylphenol	8.222	107	519426	47.153	ng	99
18) Hexachloroethane	8.845	117	274239	44.738	ng	99
19) n-Nitroso-di-n-propyla...	8.575	70	507362	47.892	ng	99
20) 3+4-Methylphenols	8.551	107	713683	47.974	ng	97
22) Acetophenone	8.592	105	985275	45.153	ng	100
24) Nitrobenzene	8.969	77	694640	45.104	ng	99
25) Isophorone	9.498	82	1384372	45.596	ng	99
26) 2-Nitrophenol	9.681	139	370477	47.087	ng	99
27) 2,4-Dimethylphenol	9.751	122	605475	46.404	ng	100
28) bis(2-Chloroethoxy)met...	9.975	93	842968	44.920	ng	100
29) 2,4-Dichlorophenol	10.228	162	677885	46.375	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	789816	44.348	ng	100
31) Naphthalene	10.610	128	1984698	44.651	ng	100
32) Benzoic acid	9.916	122	384400	46.063	ng	98
33) 4-Chloroaniline	10.727	127	863111	47.375	ng	99
34) Hexachlorobutadiene	10.898	225	497792	44.034	ng	99
35) Caprolactam	11.522	113	198108	46.481	ng	95
36) 4-Chloro-3-methylphenol	11.869	107	632365	46.825	ng	100
37) 2-Methylnaphthalene	12.227	142	1352170	45.374	ng	100
38) 1-Methylnaphthalene	12.445	142	1425407	45.198	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	925725	44.140	ng	100
41) Hexachlorocyclopentadiene	12.574	237	568717	44.374	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	613142	46.094	ng	97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	663718	46.271	ng	99
46) 1,1'-Biphenyl	13.239	154	1990852	44.207	ng	99
47) 2-Chloronaphthalene	13.286	162	1593769	44.684	ng	100
48) 2-Nitroaniline	13.498	65	398645	47.621	ng	99
49) Acenaphthylene	14.133	152	2548342	45.315	ng	100
50) Dimethylphthalate	13.868	163	2007342	45.338	ng	100
51) 2,6-Dinitrotoluene	13.992	165	435925	47.554	ng	98
52) Acenaphthene	14.474	154	1471672	45.210	ng	100
53) 3-Nitroaniline	14.327	138	427464	48.843	ng	99
54) 2,4-Dinitrophenol	14.545	184	249307	45.189	ng	98
55) Dibenzofuran	14.810	168	2427830	44.828	ng	99
56) 4-Nitrophenol	14.663	139	313065	46.012	ng	99
57) 2,4-Dinitrotoluene	14.786	165	611943	48.311	ng	97
58) Fluorene	15.462	166	2044284	46.115	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	583198	46.970	ng	98
60) Diethylphthalate	15.233	149	1889827	45.299	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1118837	45.950	ng	99
62) 4-Nitroaniline	15.492	138	427339	50.610	ng	100
63) Azobenzene	15.745	77	1599489	45.747	ng	100
65) 4,6-Dinitro-2-methylph...	15.557	198	367586	46.920	ng	97
66) n-Nitrosodiphenylamine	15.668	169	1709666	44.485	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	665088	43.944	ng	97
68) Hexachlorobenzene	16.468	284	770651	44.174	ng	98
69) Atrazine	16.627	200	616670	44.483	ng	99
70) Pentachlorophenol	16.821	266	452303	46.059	ng	99
71) Phenanthrene	17.198	178	3169143	44.895	ng	99
72) Anthracene	17.292	178	3241829	45.381	ng	100
73) Carbazole	17.562	167	2851516	46.001	ng	100
74) Di-n-butylphthalate	18.121	149	3370238	45.654	ng	100
75) Fluoranthene	19.215	202	3895046	46.998	ng	100
77) Benzidine	19.403	184	2019202	44.204	ng	100
78) Pyrene	19.580	202	3992384	44.209	ng	100
80) Butylbenzylphthalate	20.474	149	1512498	44.718	ng	96
81) Benzo(a)anthracene	21.380	228	4029064	45.497	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1487254	43.871	ng	98
83) Chrysene	21.439	228	3685603	44.967	ng	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	2284769	45.224	ng	99
85) Di-n-octyl phthalate	22.427	149	3747091	44.974	ng	100
87) Indeno(1,2,3-cd)pyrene	27.791	276	4364032	46.249	ng	99
88) Benzo(b)fluoranthene	23.450	252	3711451	45.066	ng	100
89) Benzo(k)fluoranthene	23.515	252	3813739	45.780	ng	100
90) Benzo(a)pyrene	24.262	252	3515582	45.577	ng	100
91) Dibenzo(a,h)anthracene	27.838	278	3545295	46.091	ng	100
92) Benzo(g,h,i)perylene	28.850	276	3345997	45.437	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
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Misc :
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QLast Update : Mon Apr 28 18:09:16 2025
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Instrument :
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ClientSampleId :
ICVBM042825

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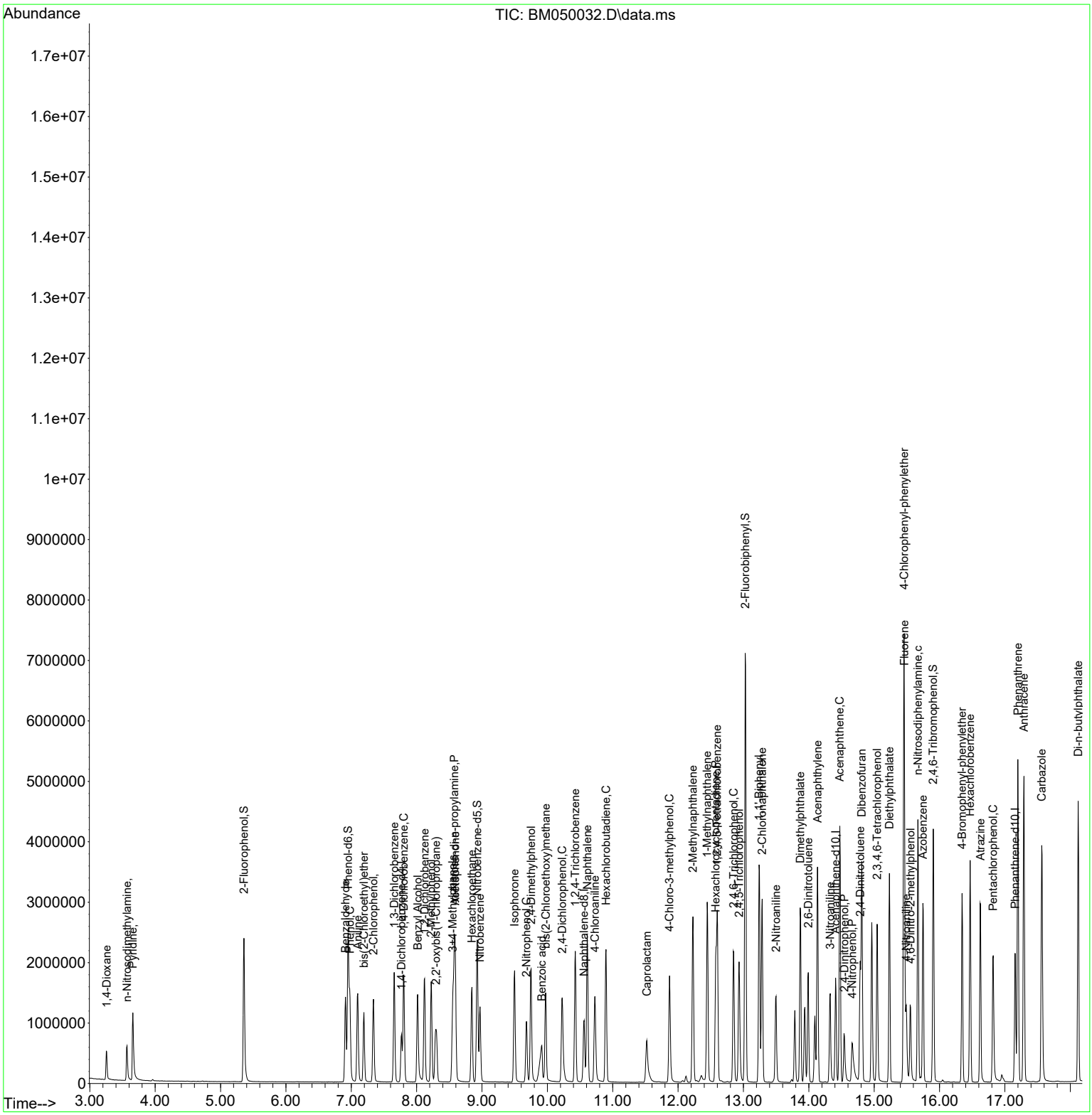

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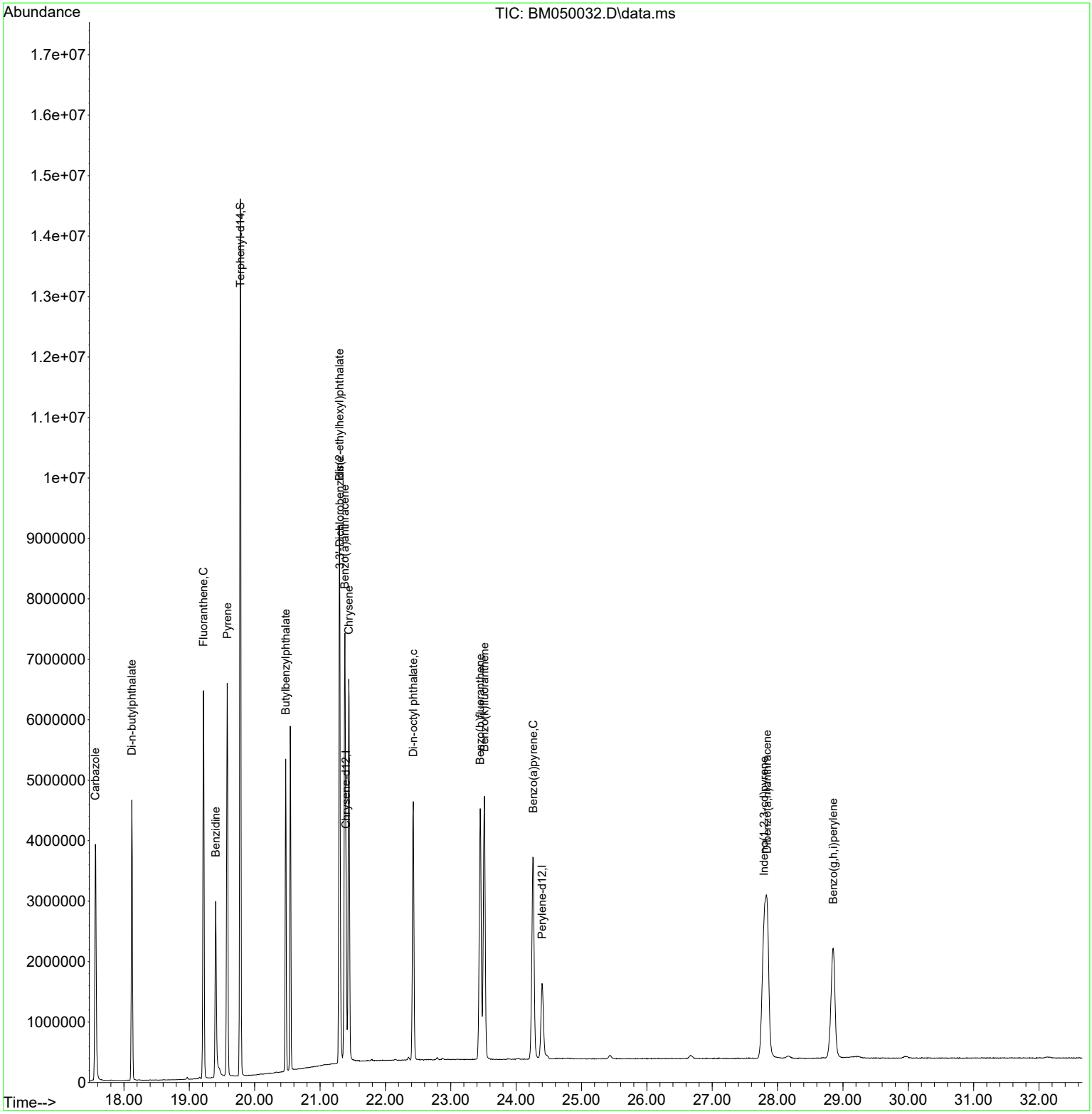
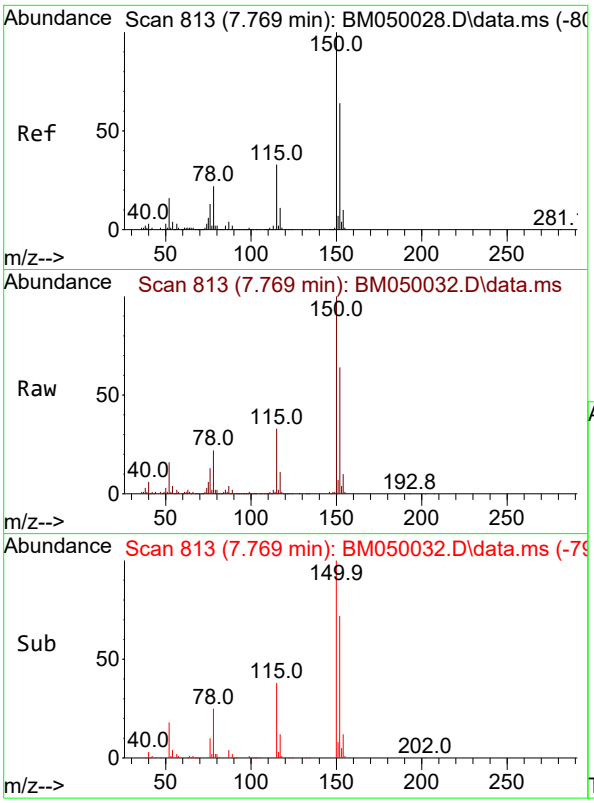
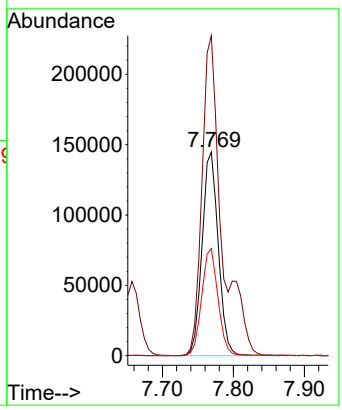




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:152 Resp: 23012

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.1	186.1
115	52.6	41.2	61.8



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations APPROVED

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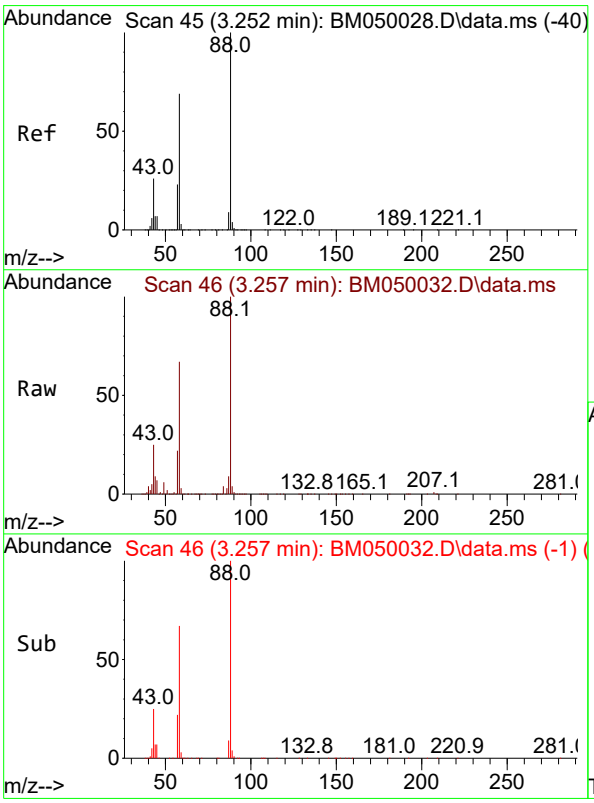
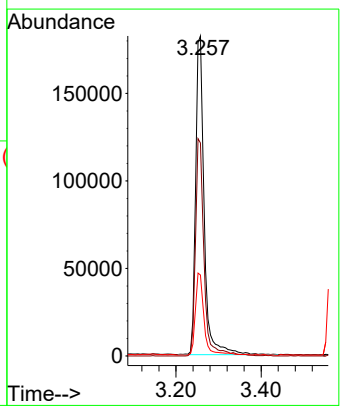
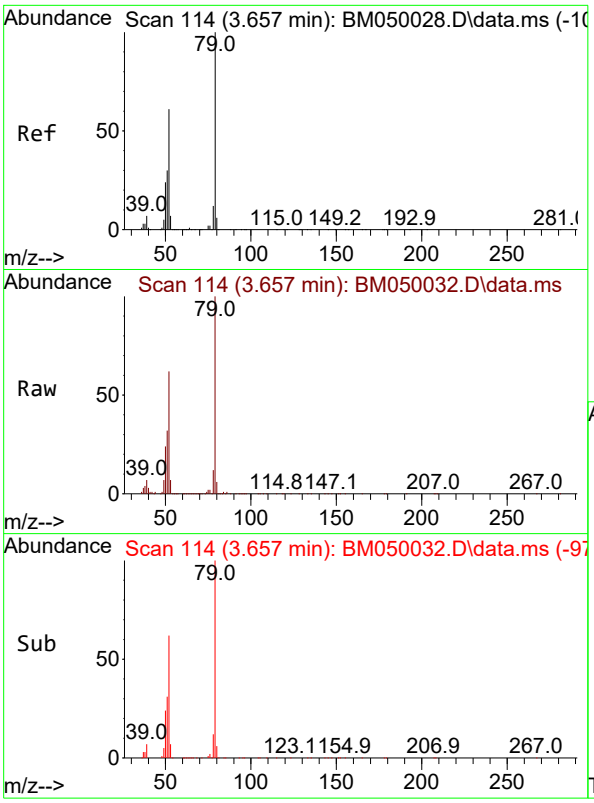


#2
1,4-Dioxane
Concen: 44.976 ng
RT: 3.257 min Scan# 46
Delta R.T. 0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 88 Resp: 253433

Ion	Ratio	Lower	Upper
88	100		
58	67.9	55.1	82.7
43	25.9	20.9	31.3

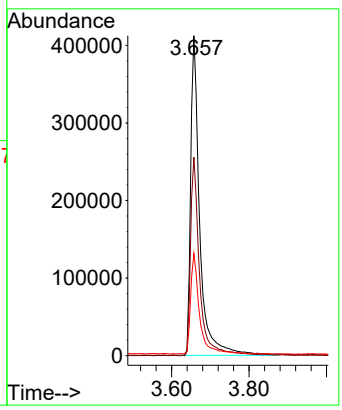




#3
Pyridine
Concen: 46.534 ng
RT: 3.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 79 Resp: 67372

Ion	Ratio	Lower	Upper
79	100		
52	62.0	48.6	72.8
51	31.9	24.6	37.0



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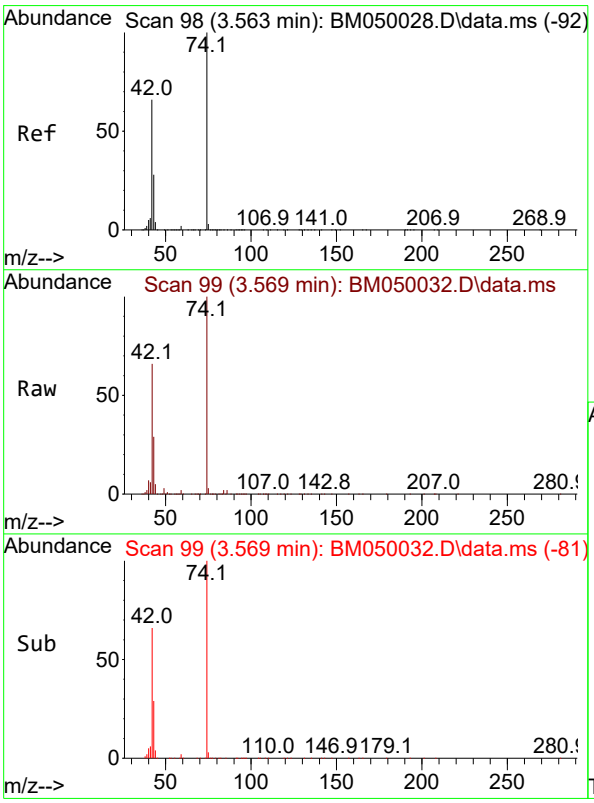
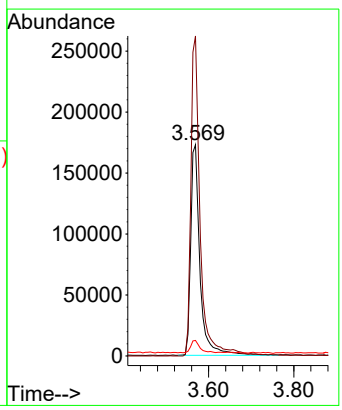
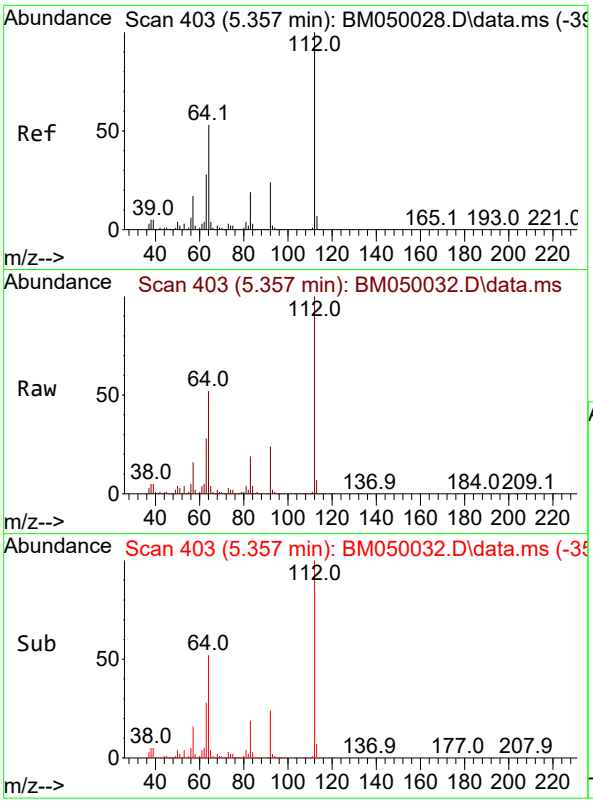


#4
n-Nitrosodimethylamine
Concen: 45.956 ng
RT: 3.569 min Scan# 99
Delta R.T. 0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 42 Resp: 260951

Ion	Ratio	Lower	Upper
42	100		
74	151.5	120.2	180.2
44	7.3	6.2	9.2

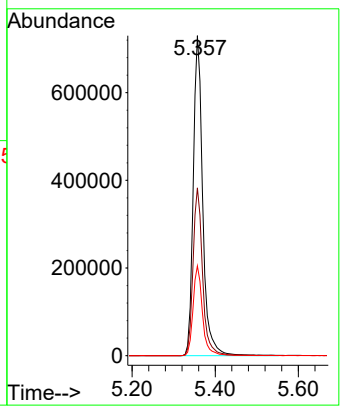




#5
2-Fluorophenol
Concen: 87.928 ng
RT: 5.357 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:112 Resp: 115555

Ion	Ratio	Lower	Upper
112	100		
64	52.4	42.6	64.0
63	28.0	22.2	33.4



Instrument :
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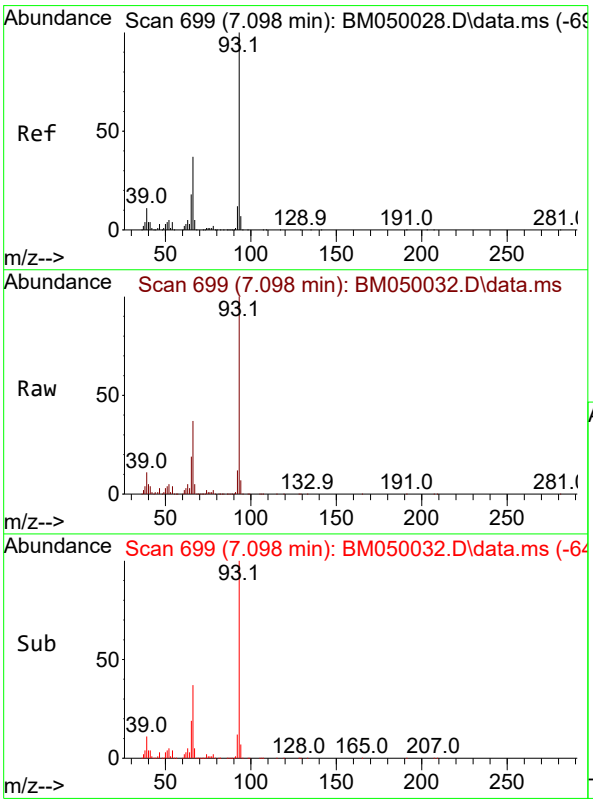
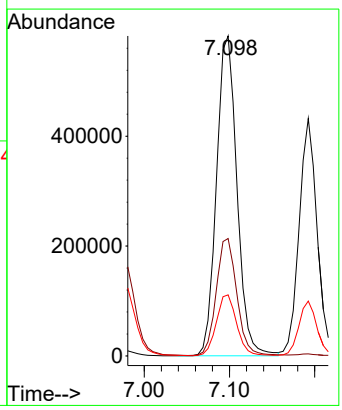
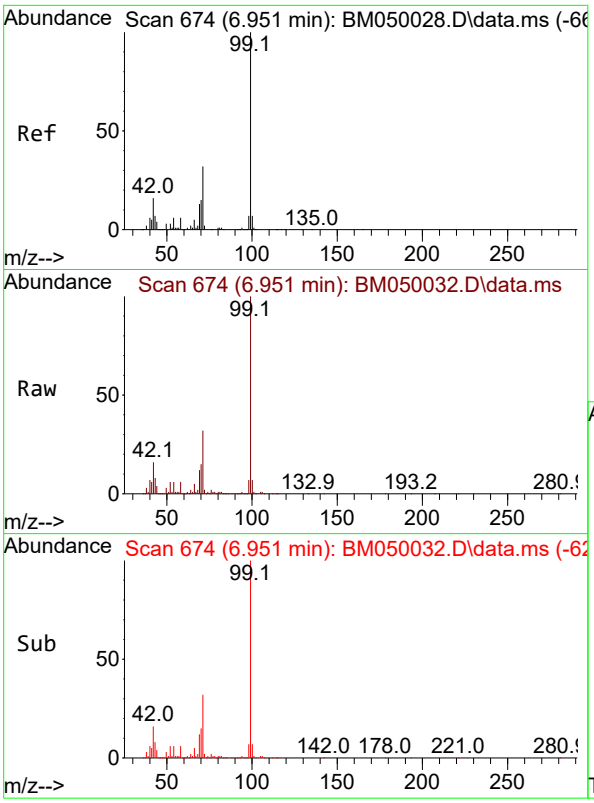


#6
Aniline
Concen: 46.744 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 93 Resp: 974989

Ion	Ratio	Lower	Upper
93	100		
66	36.7	29.9	44.9
65	19.1	14.5	21.7





#7
Phenol-d6
Concen: 90.140 ng
RT: 6.951 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 99 Resp: 148891

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.0	19.4
71	31.9	25.6	38.4

Instrument :
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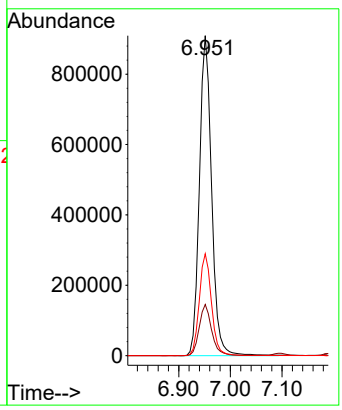
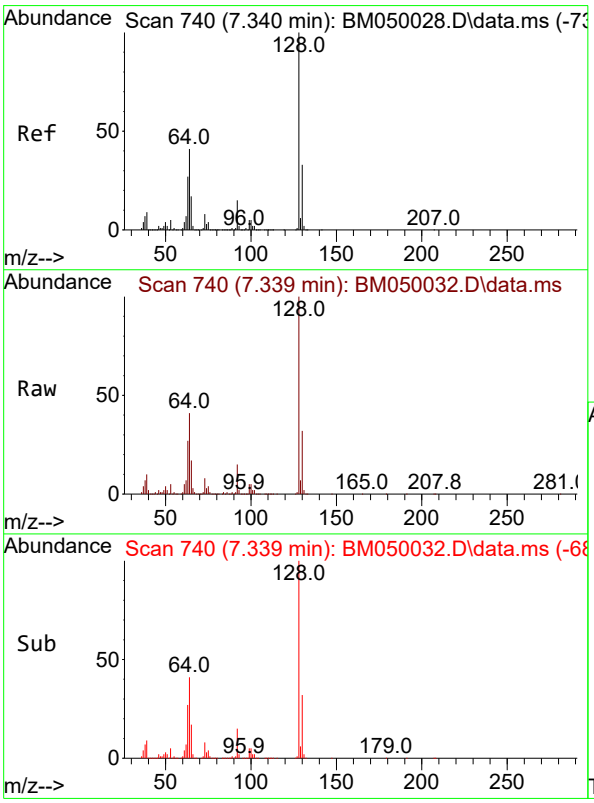
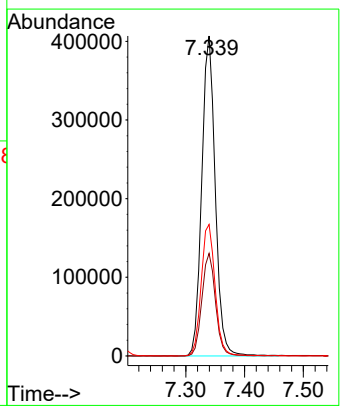


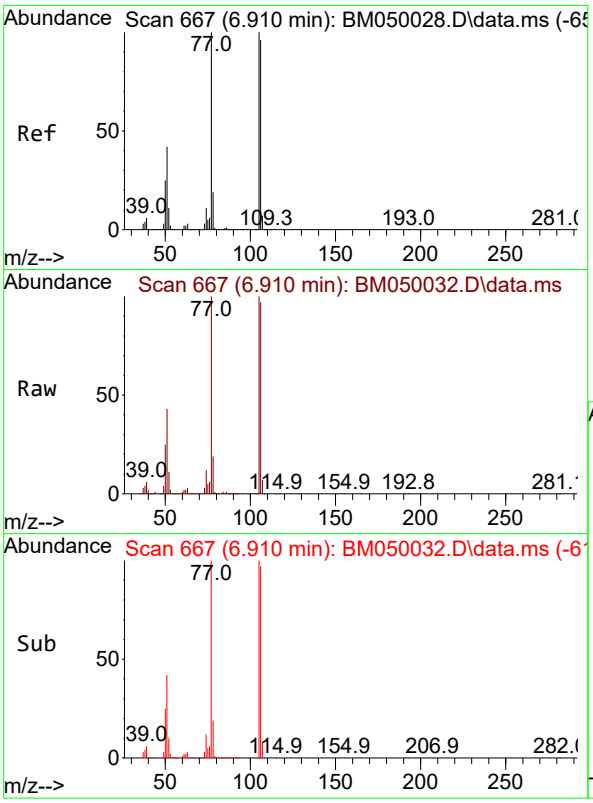


#8
2-Chlorophenol
Concen: 45.724 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:128 Resp: 649705

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.8	52.8
64	41.1	21.2	61.2

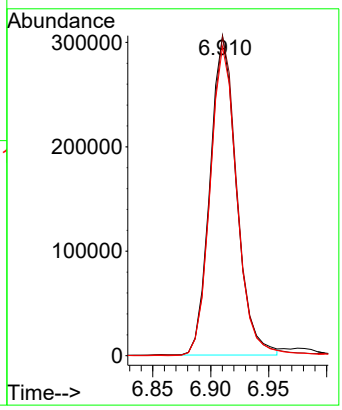




#9
Benzaldehyde
Concen: 43.937 ng m
RT: 6.910 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 77 Resp: 48567

Ion	Ratio	Lower	Upper
77	100		
105	99.8	80.5	120.5
106	96.6	76.1	116.1



Instrument :
BNA_M
ClientSampleId :
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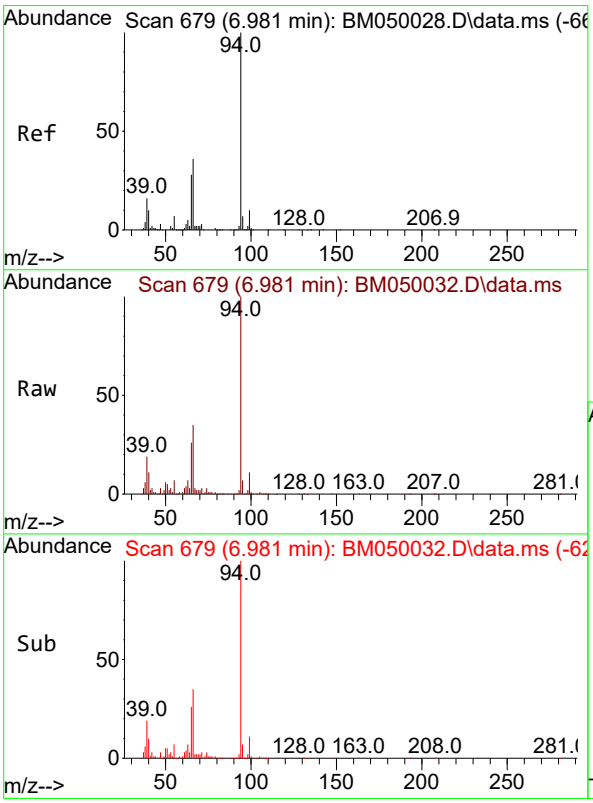
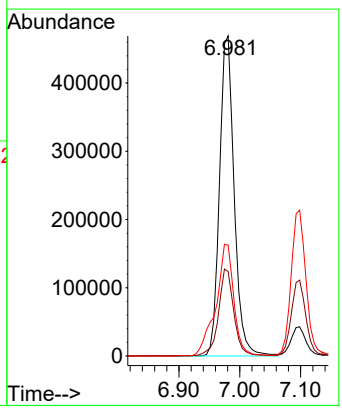
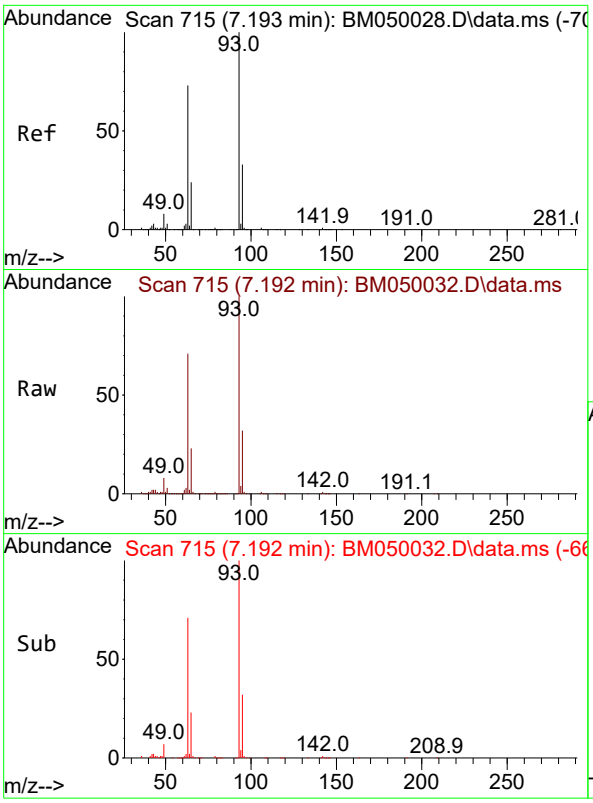


#10
Phenol
Concen: 46.913 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 94 Resp: 784469

Ion	Ratio	Lower	Upper
94	100		
65	26.4	7.6	47.6
66	34.6	15.8	55.8

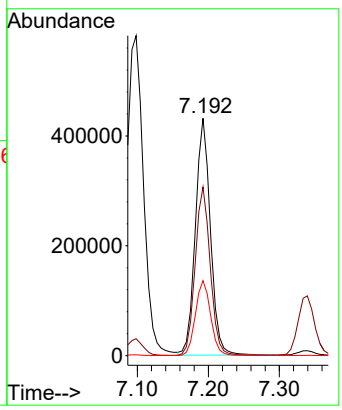




#11
bis(2-Chloroethyl)ether
Concen: 45.521 ng
RT: 7.192 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 93 Resp: 63560

Ion	Ratio	Lower	Upper
93	100		
63	71.0	52.3	92.3
95	31.6	12.8	52.8



Instrument :
BNA_M
ClientSampleId :
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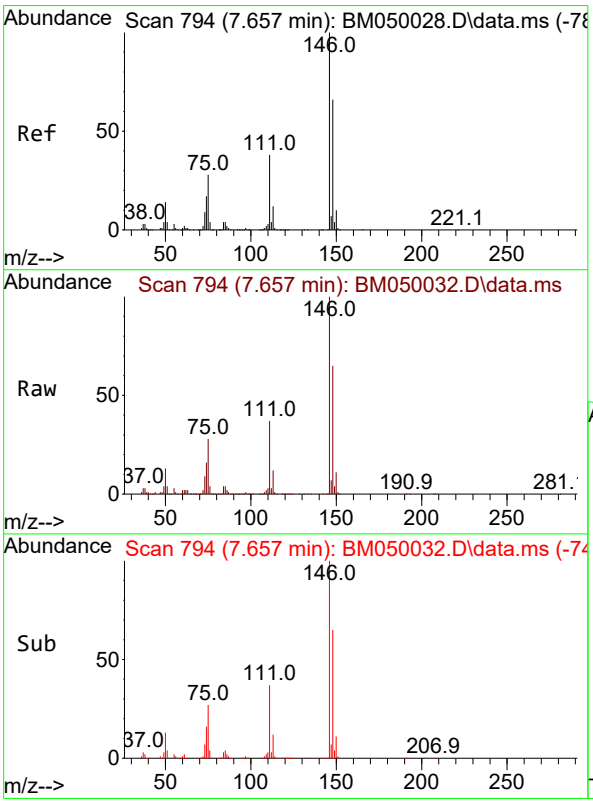
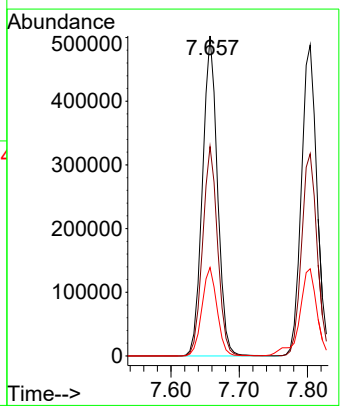
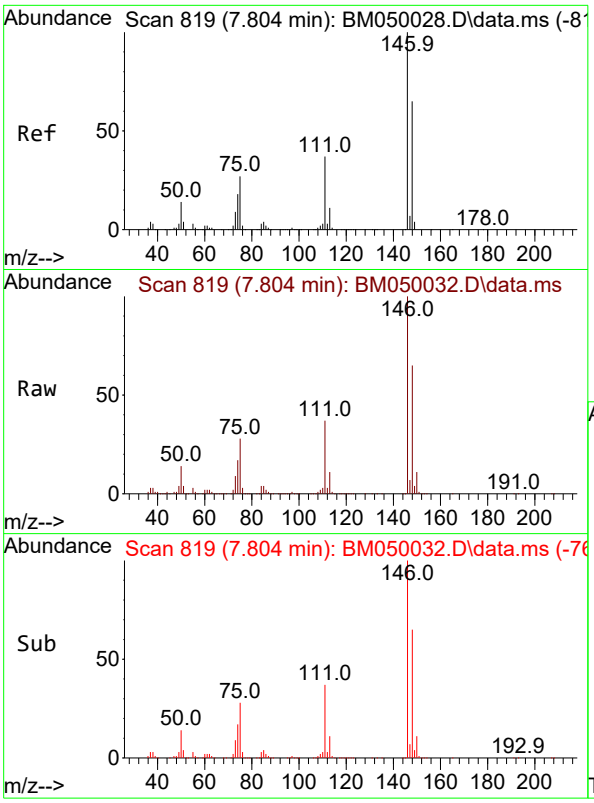


#12
1,3-Dichlorobenzene
Concen: 44.672 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:146 Resp: 766772

Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.5	78.7
75	27.6	22.6	34.0

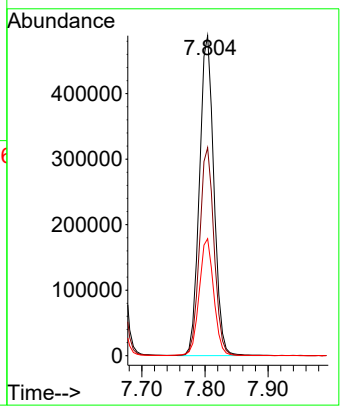




#13
1,4-Dichlorobenzene
Concen: 44.941 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:146 Resp: 77495

Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.2	78.2
111	36.6	29.3	43.9



Instrument :
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ClientSampleId :
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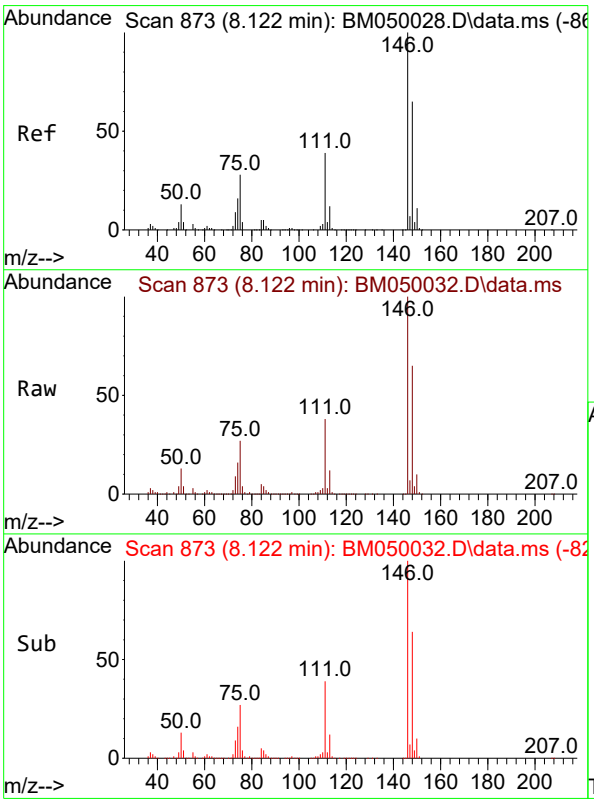
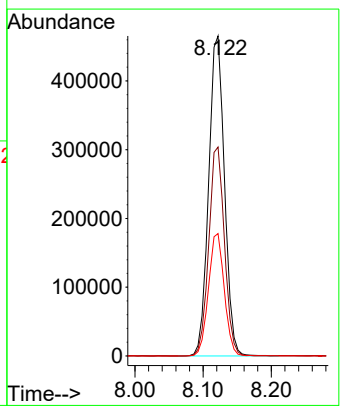
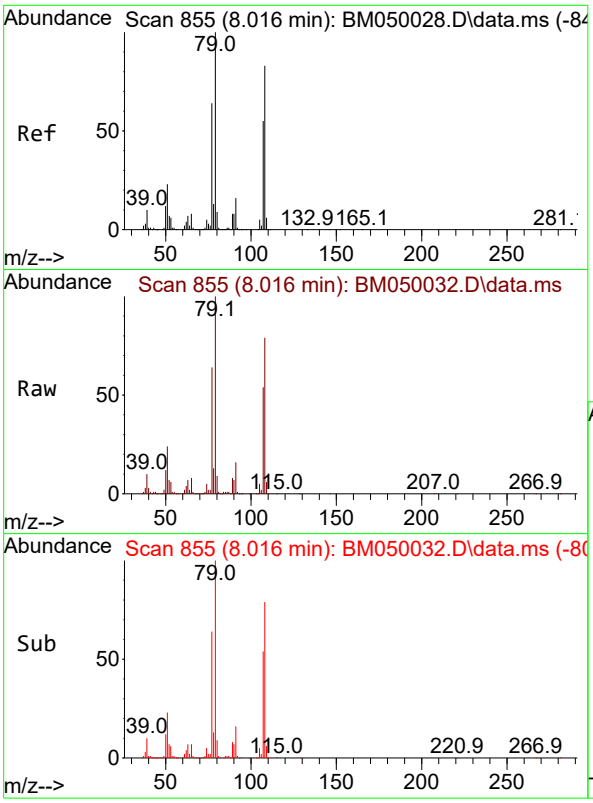


#14
1,2-Dichlorobenzene
Concen: 45.174 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:146 Resp: 752460

Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.4	78.6
111	38.3	31.0	46.6





#15
Benzyl Alcohol
Concen: 48.167 ng
RT: 8.016 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 79 Resp: 55175

Ion	Ratio	Lower	Upper
79	100		
108	79.4	66.0	99.0
77	64.4	51.6	77.4

Instrument :
BNA_M
ClientSampleId :
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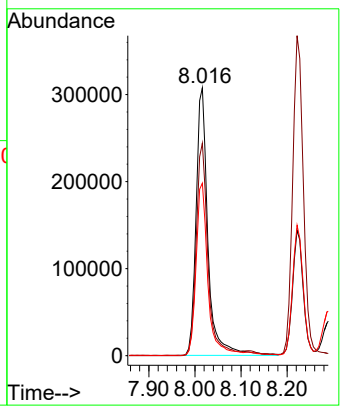
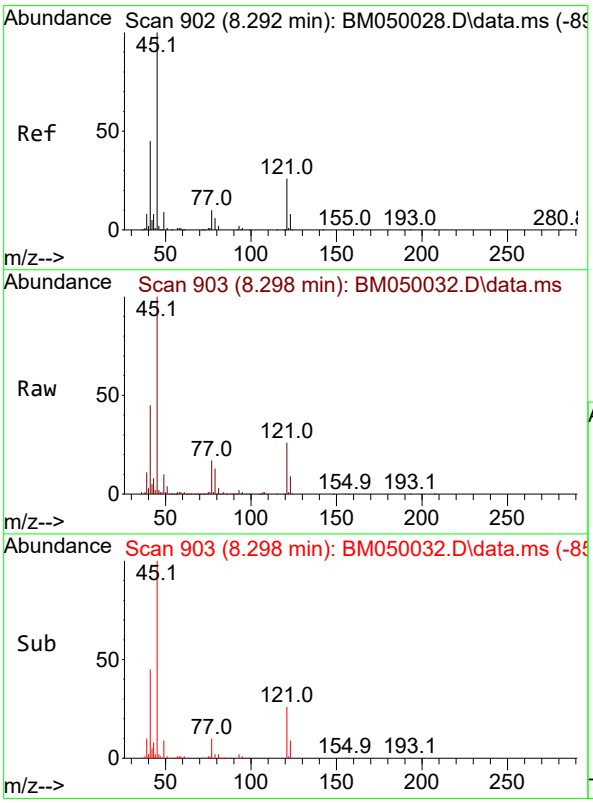
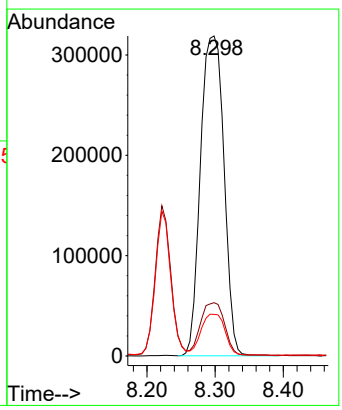


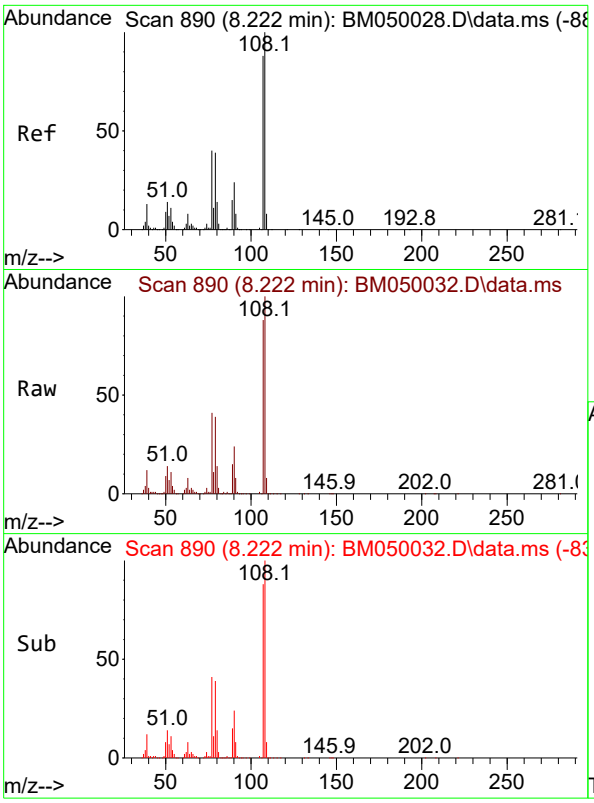


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.929 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 45 Resp: 762583

Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.0	36.4
79	13.0	0.0	32.7

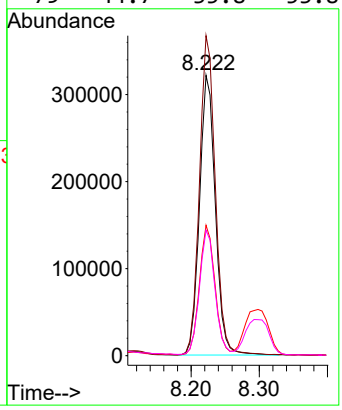




#17
2-Methylphenol
Concen: 47.153 ng
RT: 8.222 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:107 Resp: 51942

Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.1	136.7
77	46.5	36.2	54.4
79	44.7	35.8	53.8



Instrument :
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ClientSampleId :
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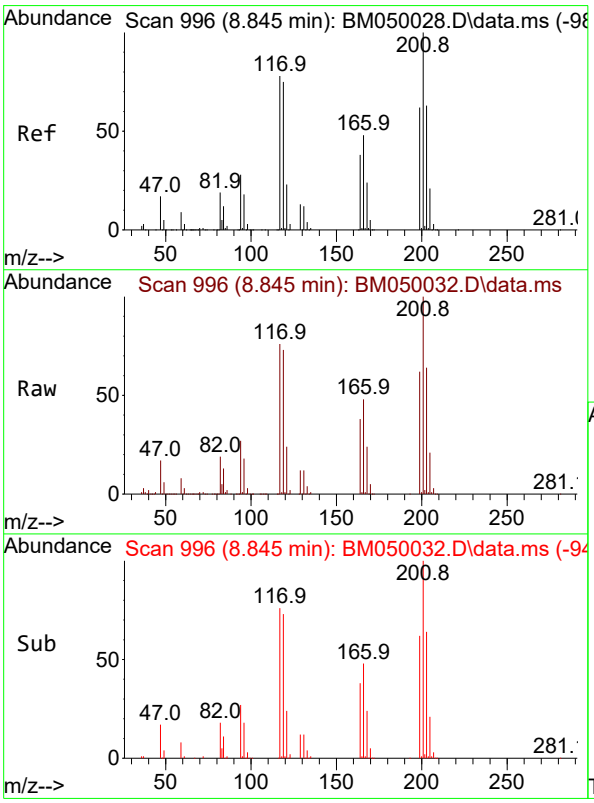
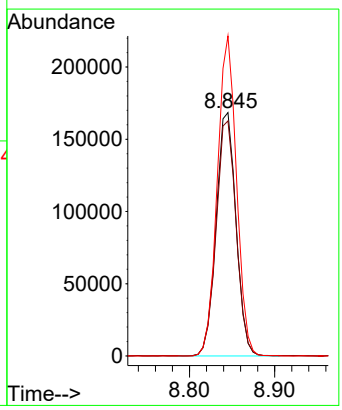
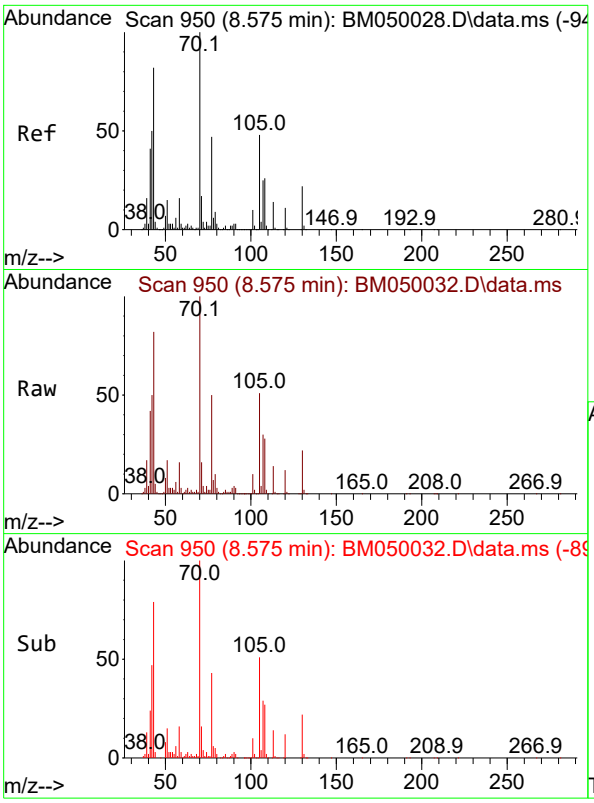


#18
Hexachloroethane
Concen: 44.738 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:117 Resp: 274239

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.3	115.9
201	131.4	102.8	154.2

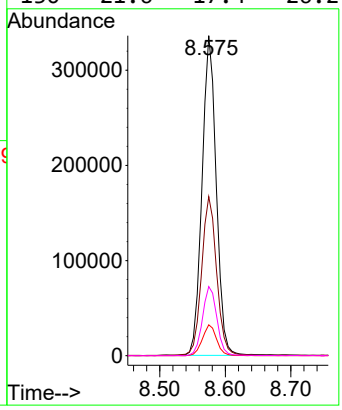




#19
n-Nitroso-di-n-propylamine
Concen: 47.892 ng
RT: 8.575 min Scan# 9
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 70 Resp: 50736

Ion	Ratio	Lower	Upper
70	100		
42	49.7	40.5	60.7
101	9.7	7.8	11.6
130	21.6	17.4	26.2



Instrument :
BNA_M
ClientSampleId :
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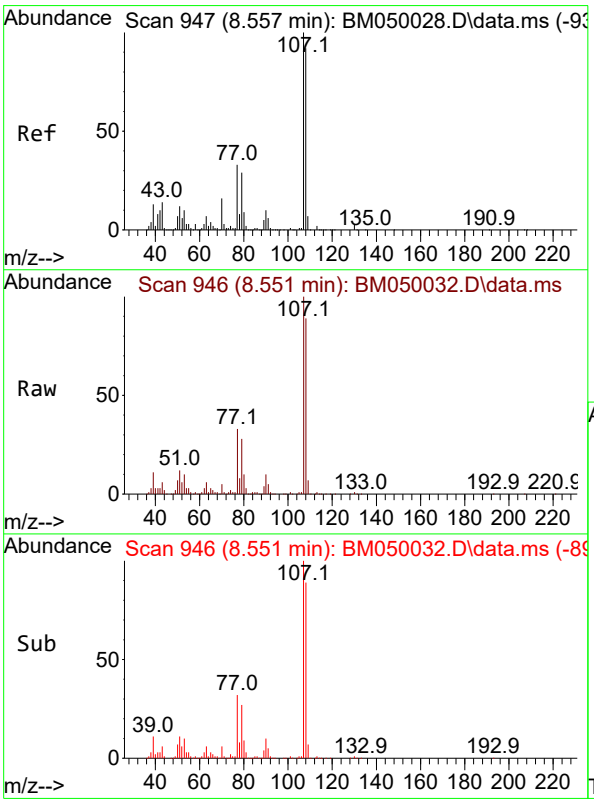
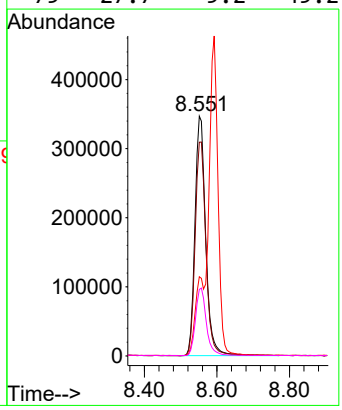
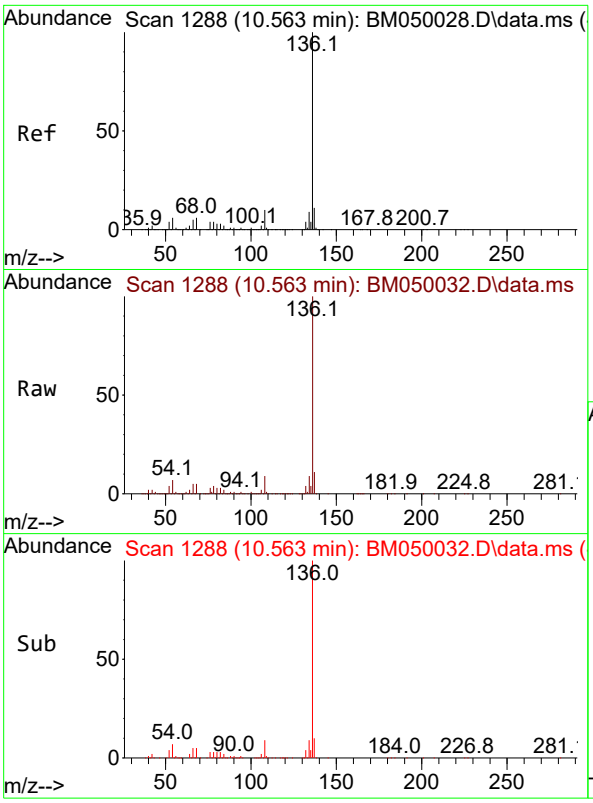


#20
3+4-Methylphenols
Concen: 47.974 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:107 Resp: 713683

Ion	Ratio	Lower	Upper
107	100		
108	89.1	72.4	112.4
77	33.0	13.6	53.6
79	27.7	9.2	49.2

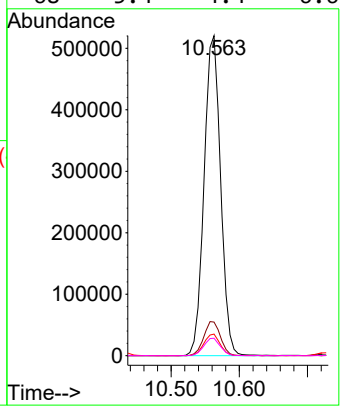




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:136 Resp: 87769

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.7	5.1	7.7
68	5.4	4.4	6.6



Instrument :
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ClientSampleId :
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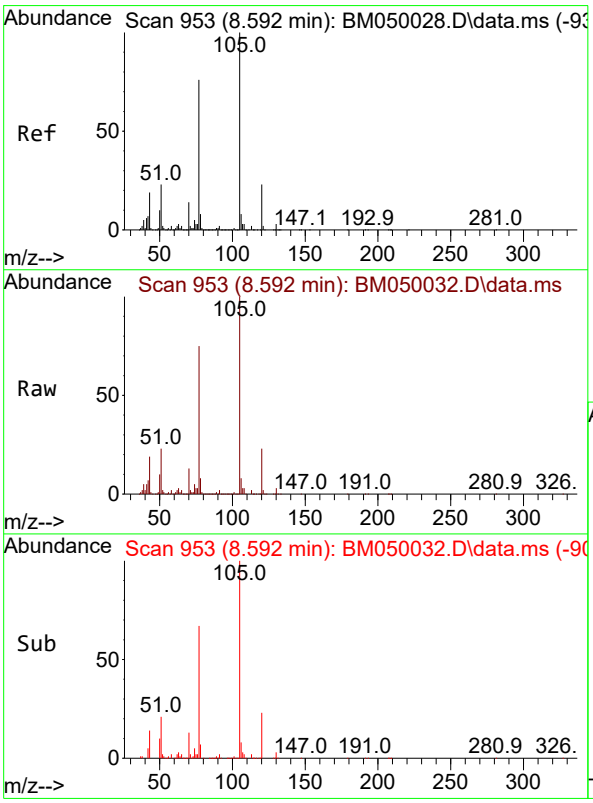
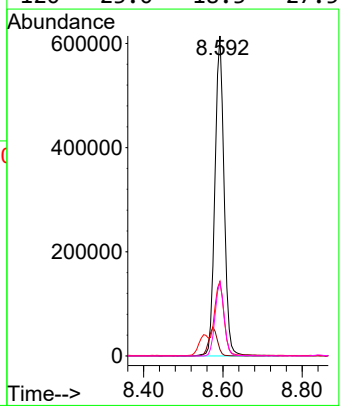
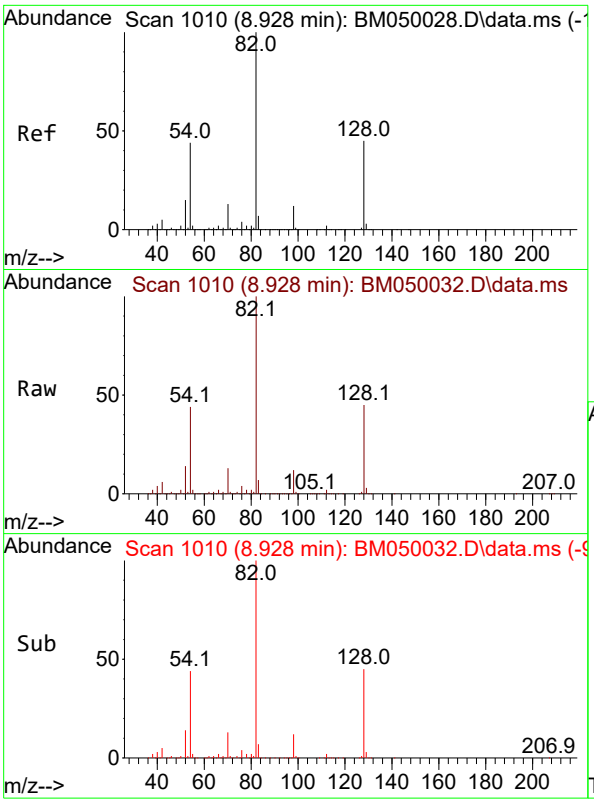


#22
Acetophenone
Concen: 45.153 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:105 Resp: 985275

Ion	Ratio	Lower	Upper
105	100		
71	2.0	1.7	2.5
51	23.3	18.6	27.8
120	23.0	18.3	27.5





#23
Nitrobenzene-d5
Concen: 77.798 ng
RT: 8.928 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 82 Resp: 138570

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.7	53.5
54	44.4	35.4	53.2

Instrument :
BNA_M
ClientSampleId :
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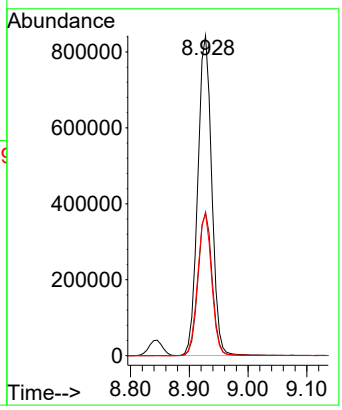
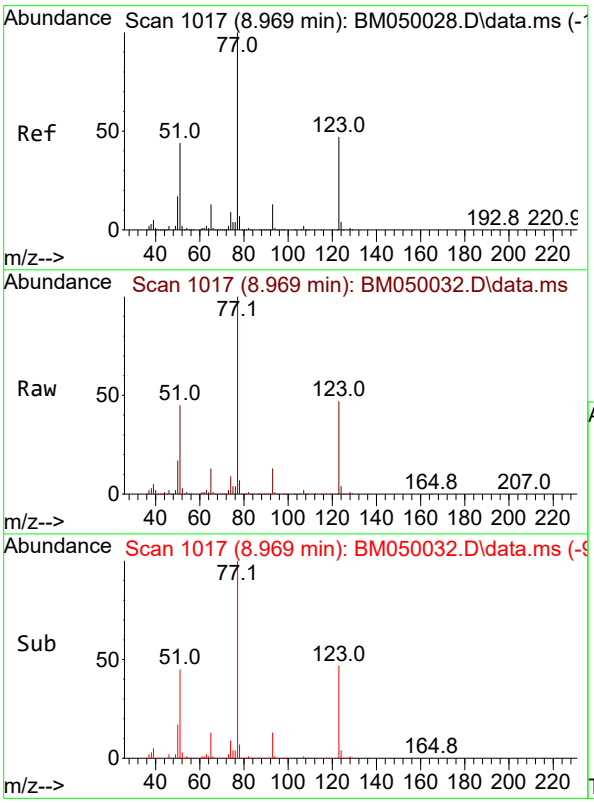
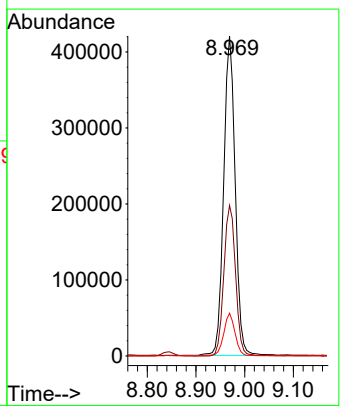


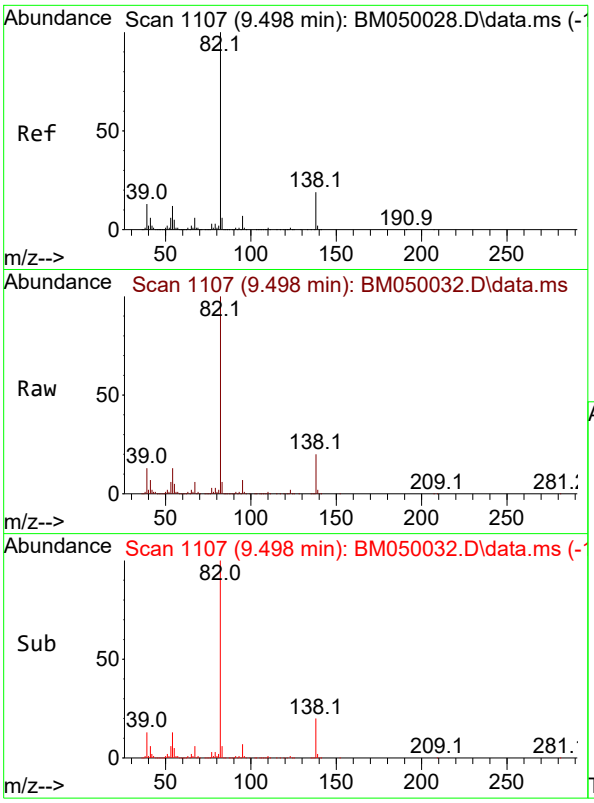


#24
Nitrobenzene
Concen: 45.104 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 77 Resp: 694640

Ion	Ratio	Lower	Upper
77	100		
123	47.1	37.9	56.9
65	13.3	10.1	15.1

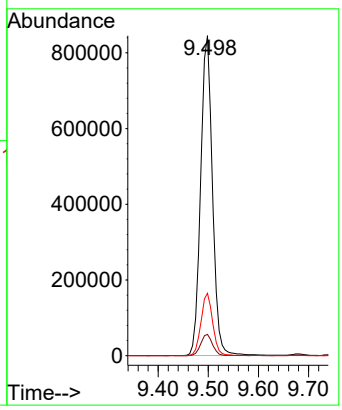




#25
Isophorone
Concen: 45.596 ng
RT: 9.498 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 82 Resp: 138437

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.7	8.5
138	19.5	15.5	23.3



Instrument :
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ClientSampleId :
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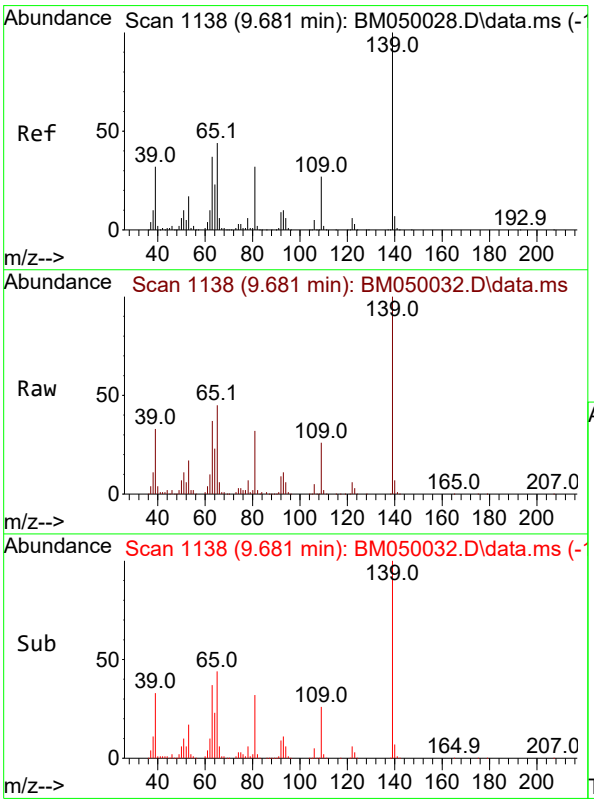
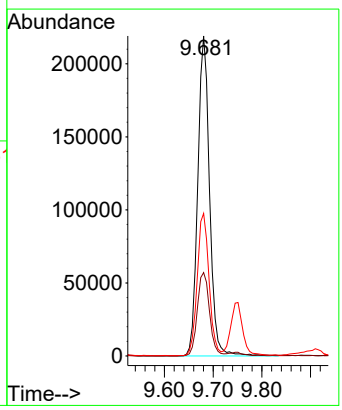
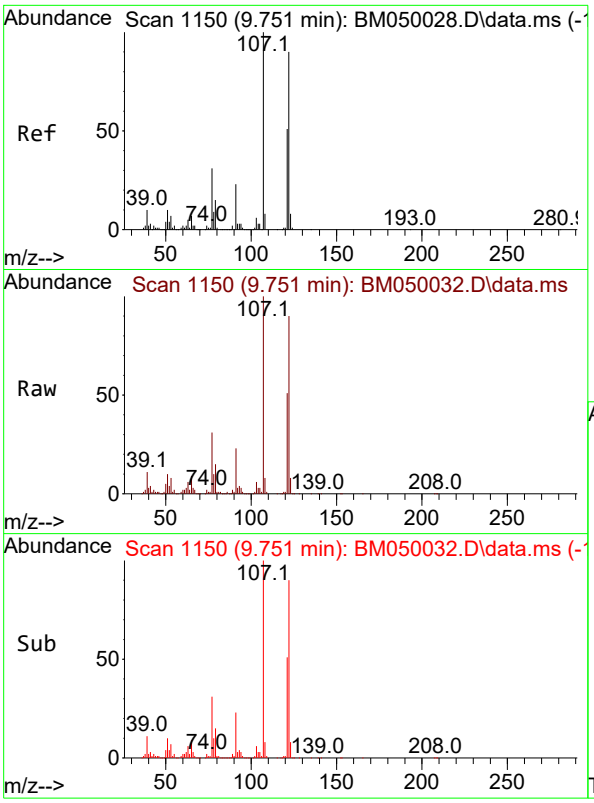


#26
2-Nitrophenol
Concen: 47.087 ng
RT: 9.681 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:139 Resp: 370477

Ion	Ratio	Lower	Upper
139	100		
109	26.1	21.9	32.9
65	44.5	35.4	53.2

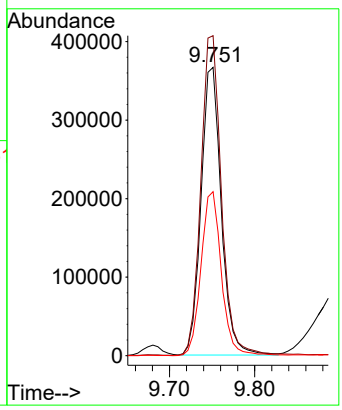




#27
2,4-Dimethylphenol
Concen: 46.404 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:122 Resp: 60547

Ion	Ratio	Lower	Upper
122	100		
107	111.0	89.0	133.6
121	56.9	45.6	68.4



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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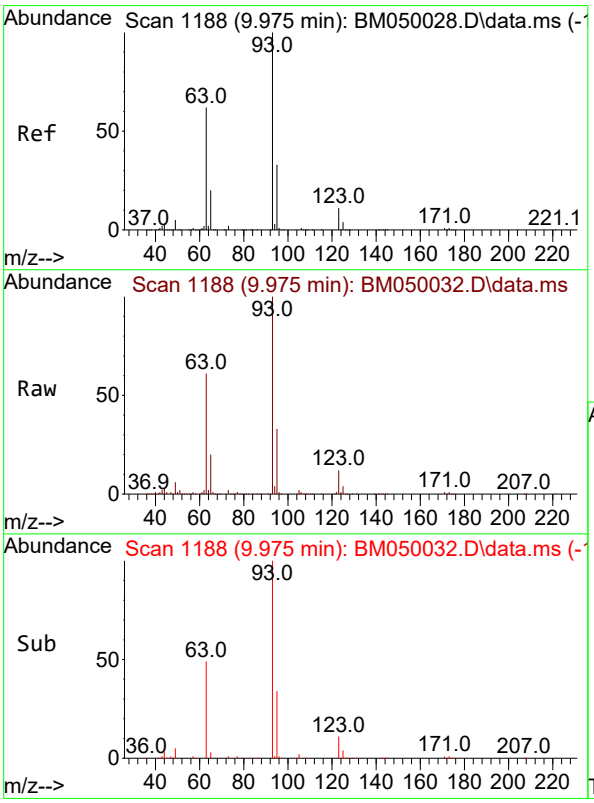
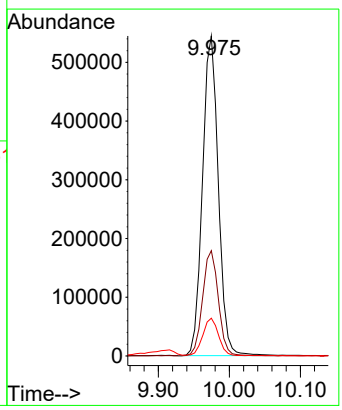
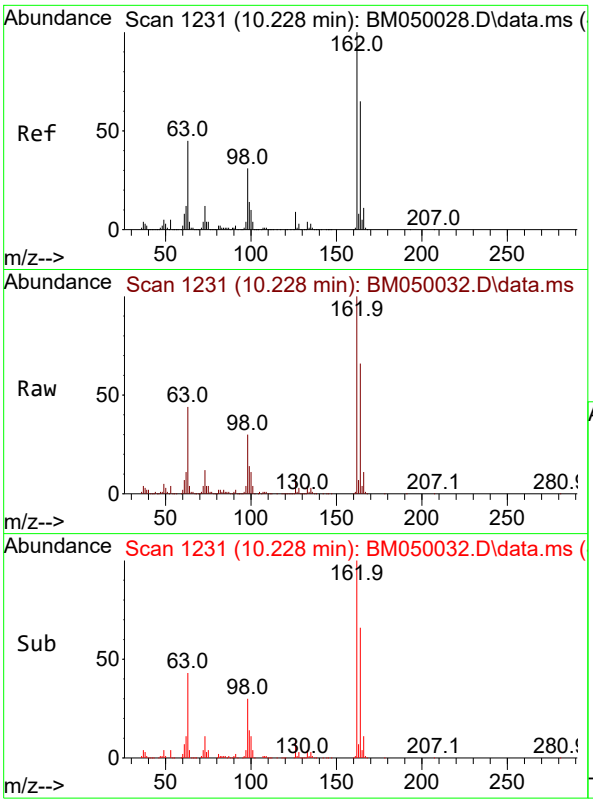


#28
bis(2-Chloroethoxy)methane
Concen: 44.920 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 93 Resp: 842968

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.1	39.1
123	11.8	9.5	14.3





#29
2,4-Dichlorophenol
Concen: 46.375 ng
RT: 10.228 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:162 Resp: 67788

Ion	Ratio	Lower	Upper
162	100		
164	66.0	45.4	85.4
98	30.5	11.3	51.3

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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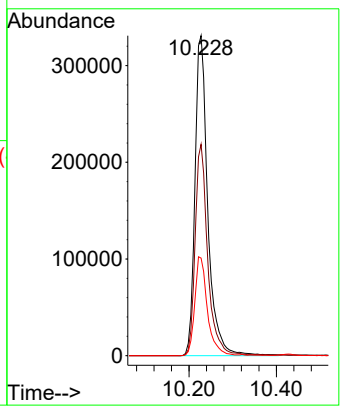
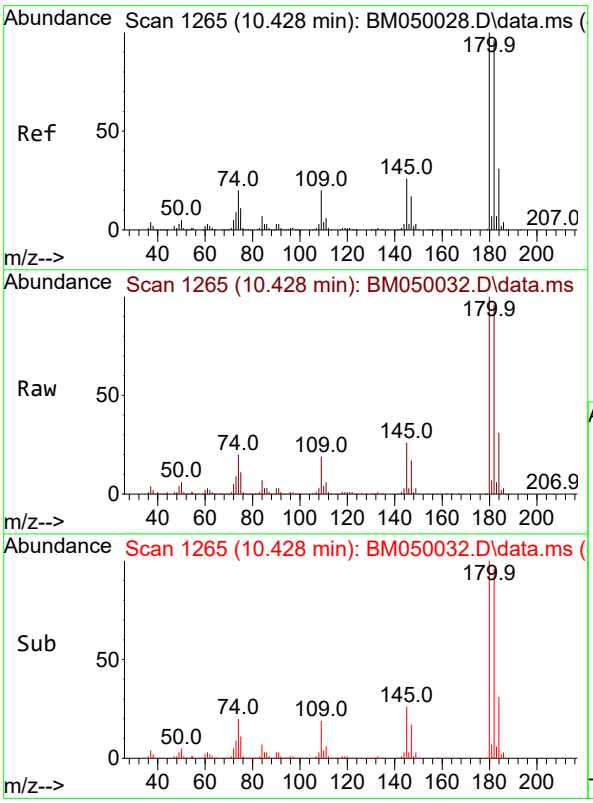
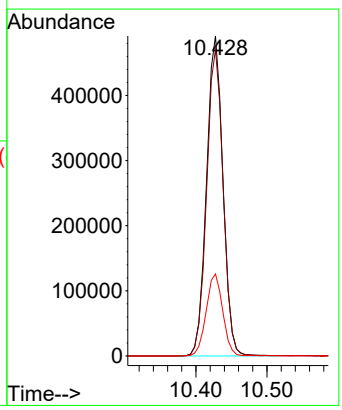


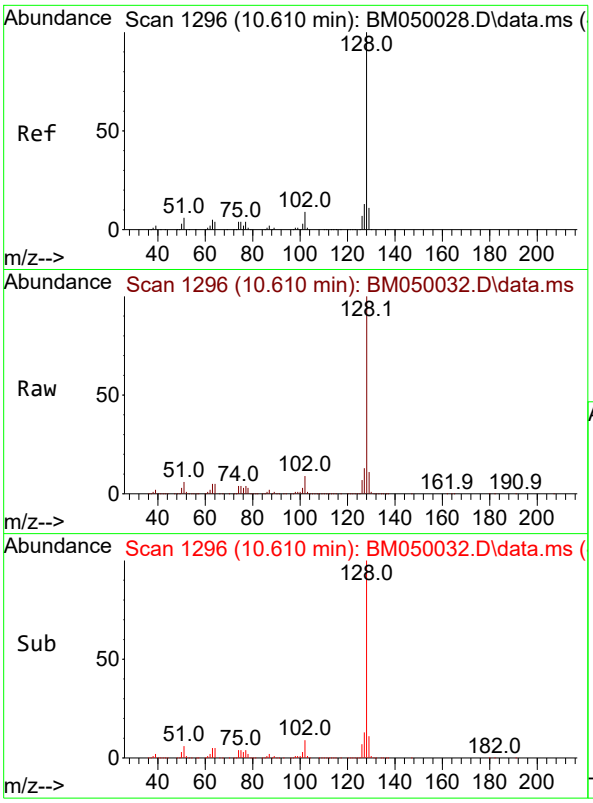


#30
1,2,4-Trichlorobenzene
Concen: 44.348 ng
RT: 10.428 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:180 Resp: 789816

Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.0	115.4
145	25.7	20.6	30.8

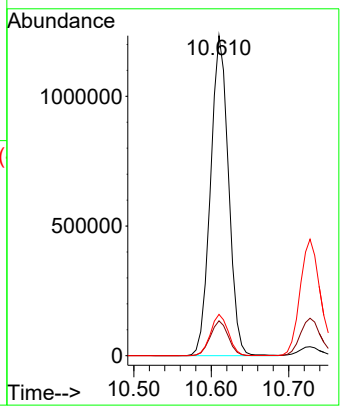




#31
Naphthalene
Concen: 44.651 ng
RT: 10.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:128 Resp: 198469

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.9	10.4	15.6



Instrument :
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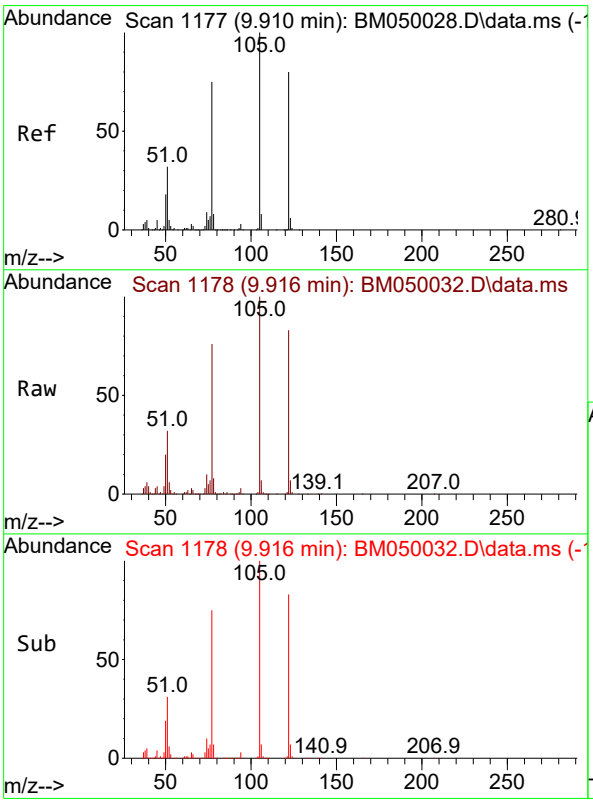
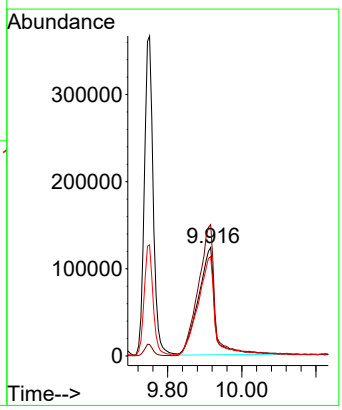
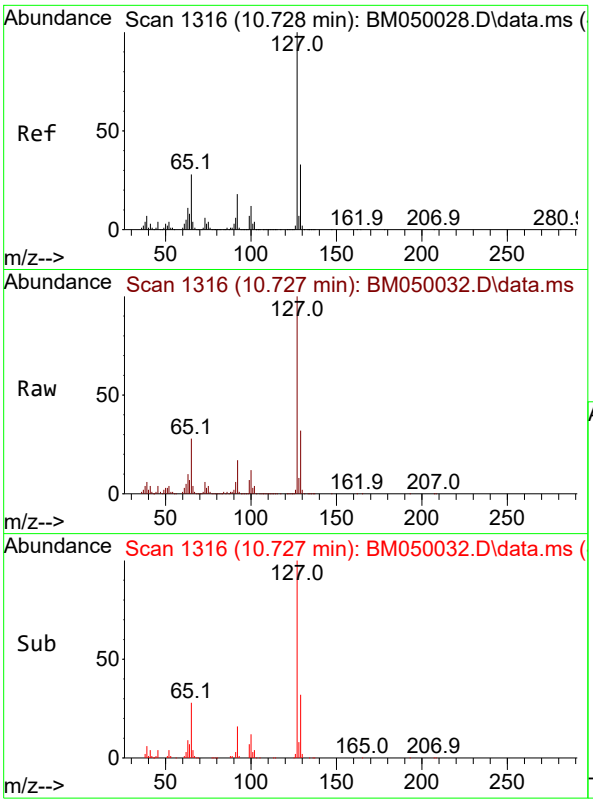


#32
Benzoic acid
Concen: 46.063 ng
RT: 9.916 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:122 Resp: 384400

Ion	Ratio	Lower	Upper
122	100		
105	121.1	103.6	143.6
77	91.7	73.7	113.7

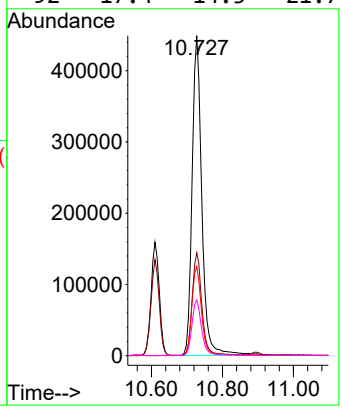




#33
4-Chloroaniline
Concen: 47.375 ng
RT: 10.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:127 Resp: 86311

Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	27.9	22.5	33.7
92	17.4	14.5	21.7



Instrument :
BNA_M
ClientSampleId :
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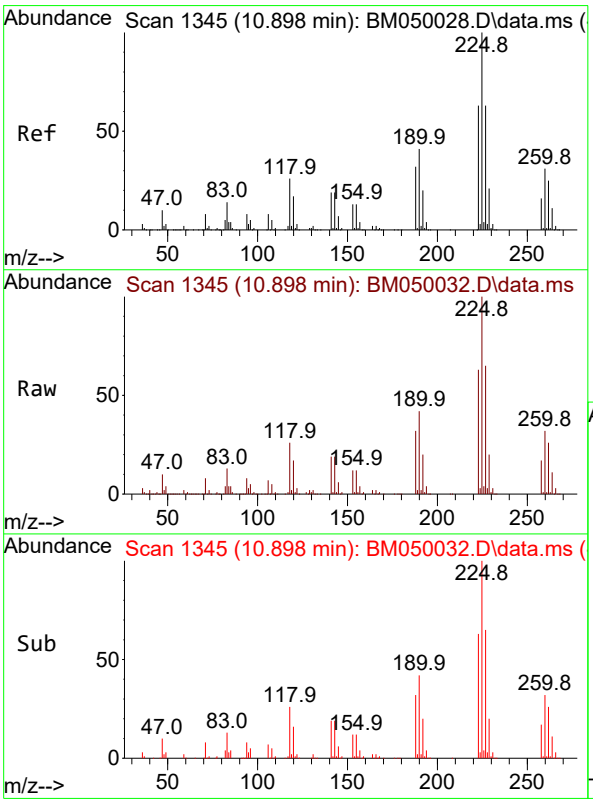
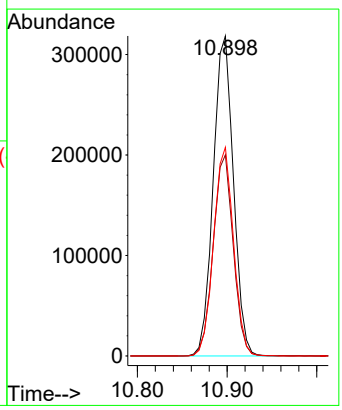
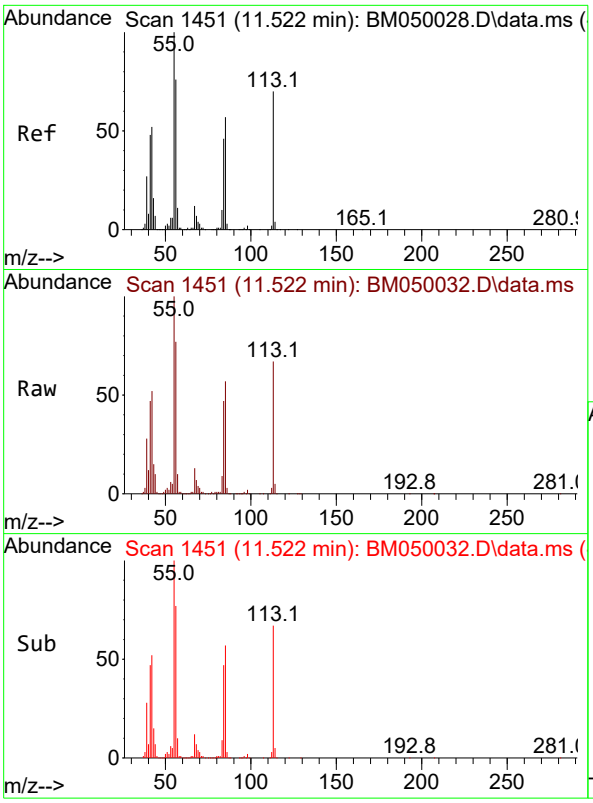


#34
Hexachlorobutadiene
Concen: 44.034 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:225 Resp: 497792

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.2
227	65.2	50.6	76.0

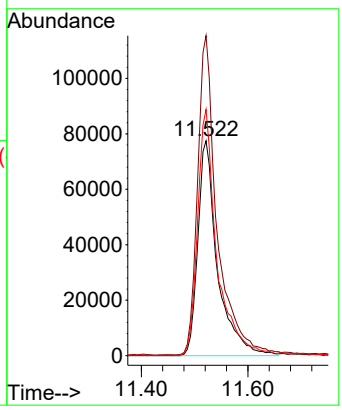




#35
Caprolactam
Concen: 46.481 ng
RT: 11.522 min Scan# 14
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:113 Resp: 19810

Ion	Ratio	Lower	Upper
113	100		
55	148.9	122.9	162.9
56	114.6	88.1	128.1



Instrument :
BNA_M
ClientSampleId :
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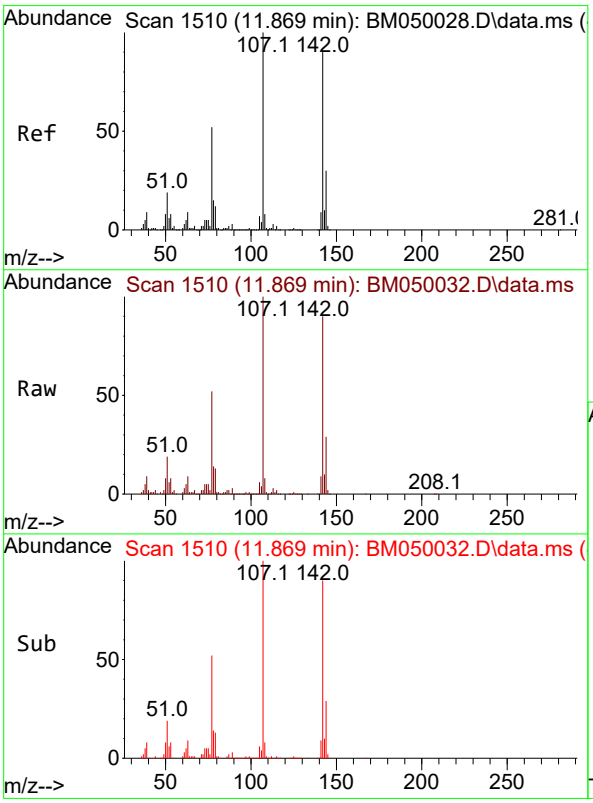
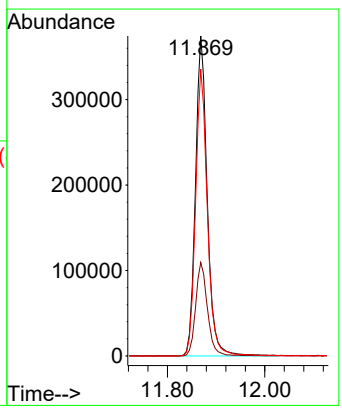
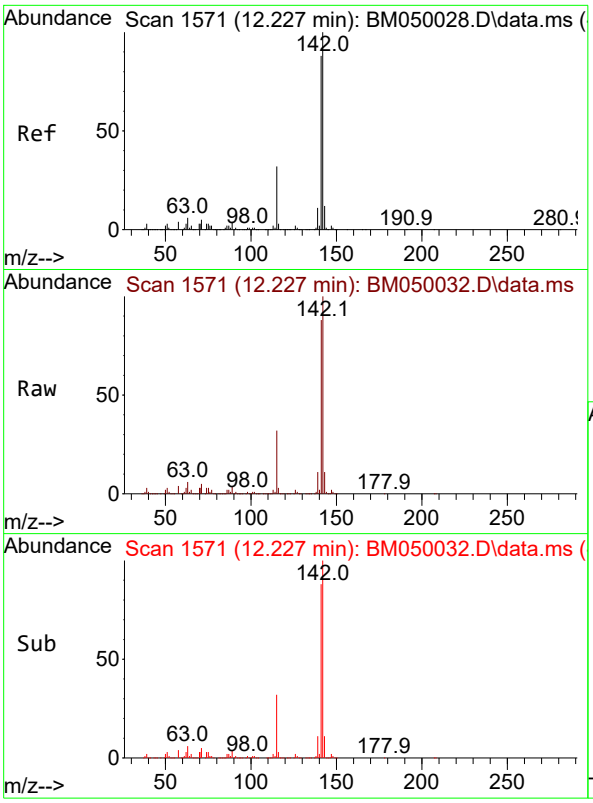


#36
4-Chloro-3-methylphenol
Concen: 46.825 ng
RT: 11.869 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:107 Resp: 632365

Ion	Ratio	Lower	Upper
107	100		
144	29.2	23.8	35.6
142	89.6	71.9	107.9

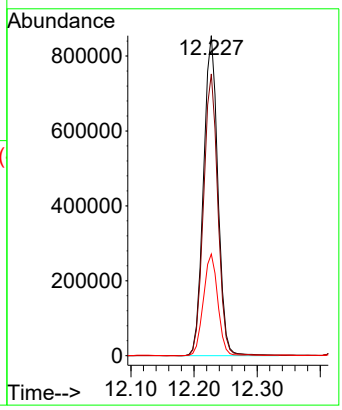




#37
2-Methylnaphthalene
Concen: 45.374 ng
RT: 12.227 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:142 Resp: 135217

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.4	105.6
115	31.8	25.4	38.2



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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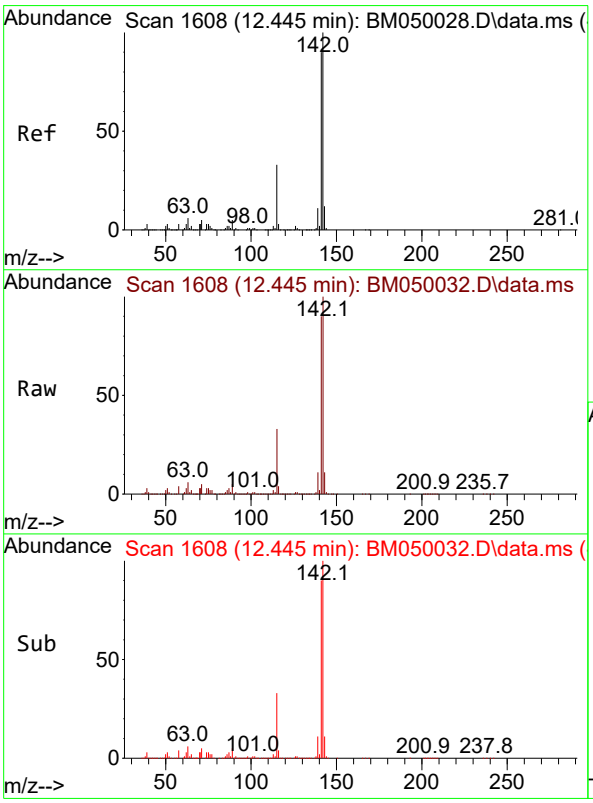
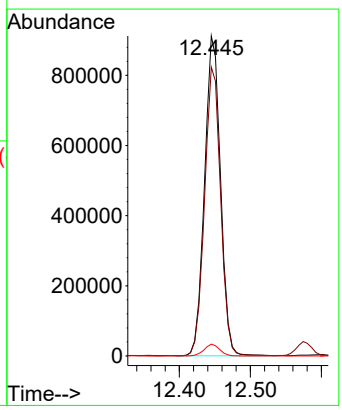
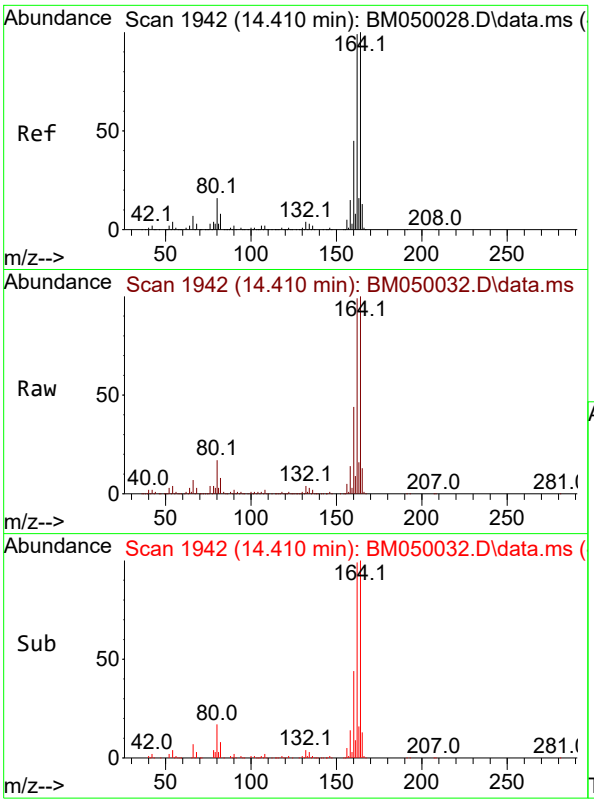


#38
1-Methylnaphthalene
Concen: 45.198 ng
RT: 12.445 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:142 Resp: 1425407

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.1	108.1
116	3.7	2.7	4.1

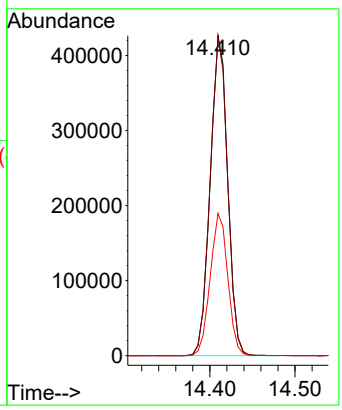




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:164 Resp: 60583

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.4	119.0
160	44.5	36.2	54.4



Instrument :
BNA_M
ClientSampleId :
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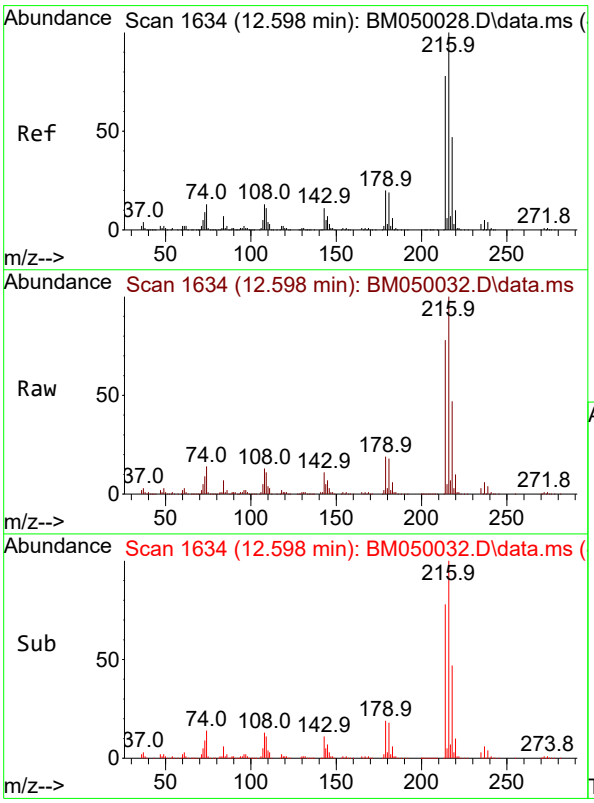
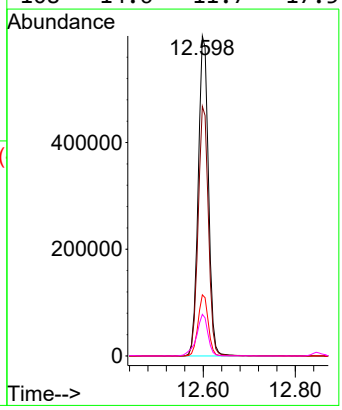
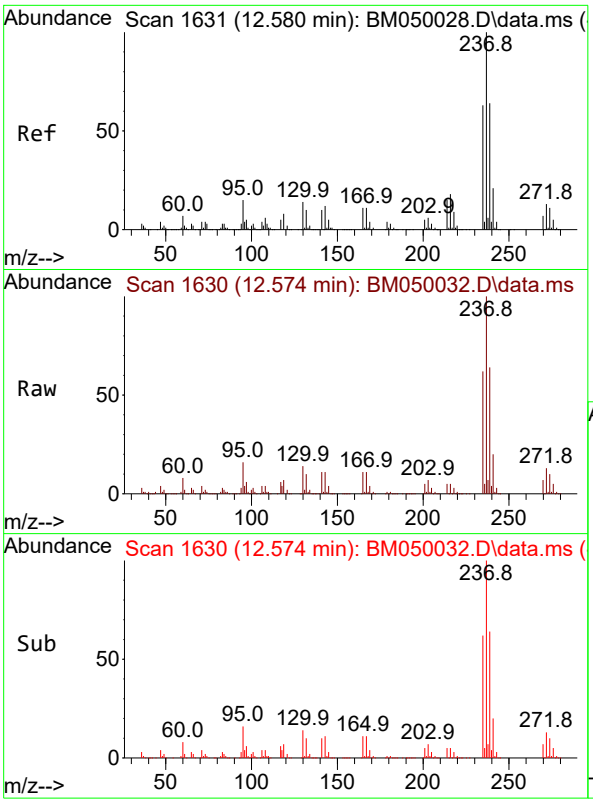


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.140 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:216 Resp: 925725

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.3	93.5
179	19.1	15.4	23.0
108	14.6	11.7	17.5

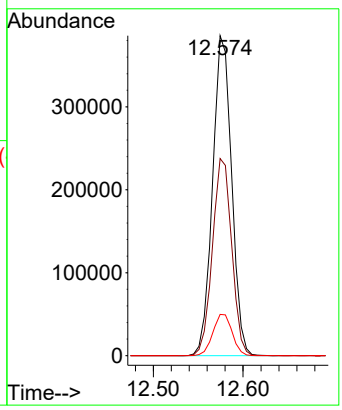




#41
Hexachlorocyclopentadiene
Concen: 44.374 ng
RT: 12.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:237 Resp: 56871

Ion	Ratio	Lower	Upper
237	100		
235	61.6	42.9	82.9
272	12.9	0.0	32.9



Instrument :
BNA_M
ClientSampleId :
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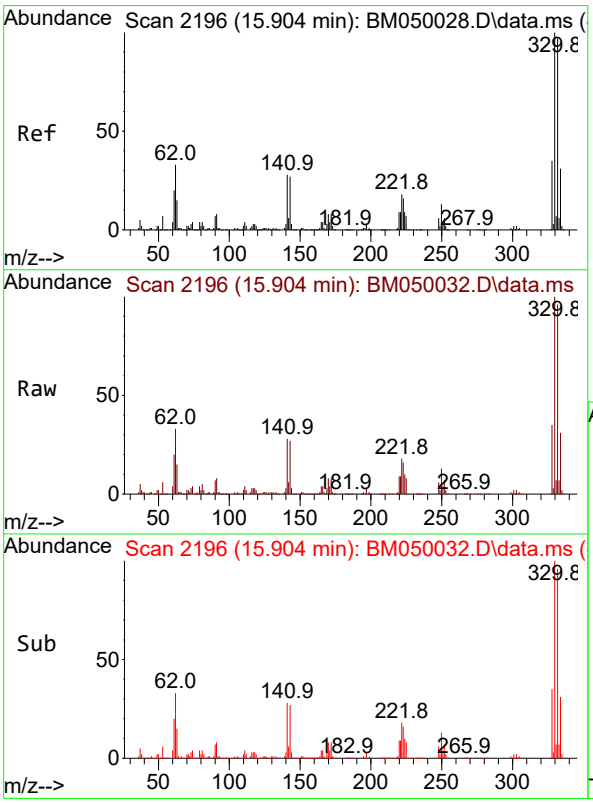
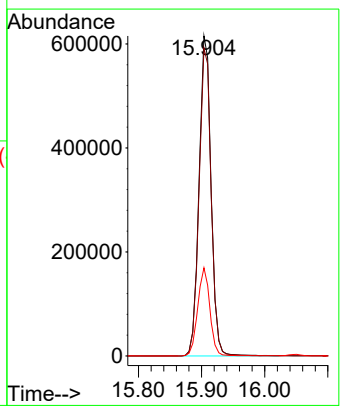
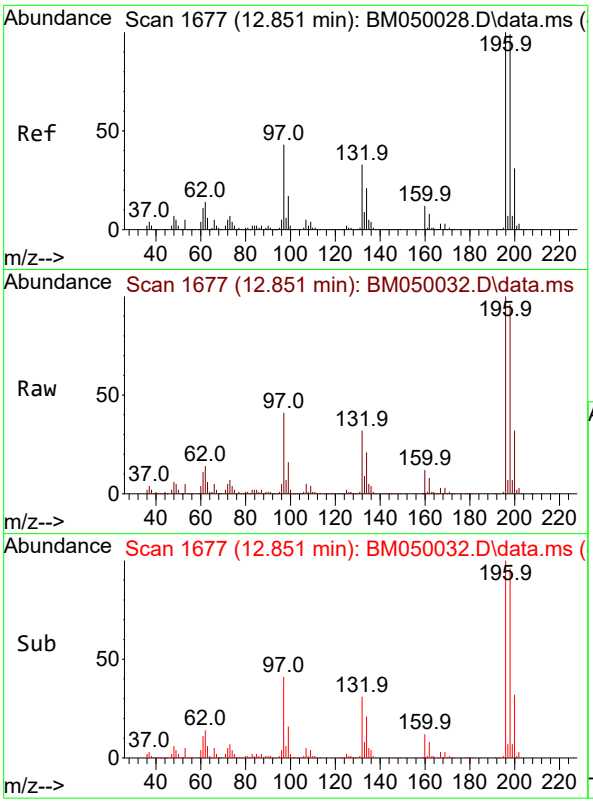


#42
2,4,6-Tribromophenol
Concen: 90.503 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:330 Resp: 810732

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	28.0	22.5	33.7

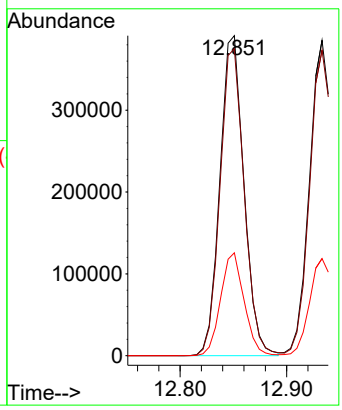




#43
2,4,6-Trichlorophenol
Concen: 46.094 ng
RT: 12.851 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:196 Resp: 61314

Ion	Ratio	Lower	Upper
196	100		
198	95.9	79.0	118.6
200	32.2	25.1	37.7



Instrument :
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ClientSampleId :
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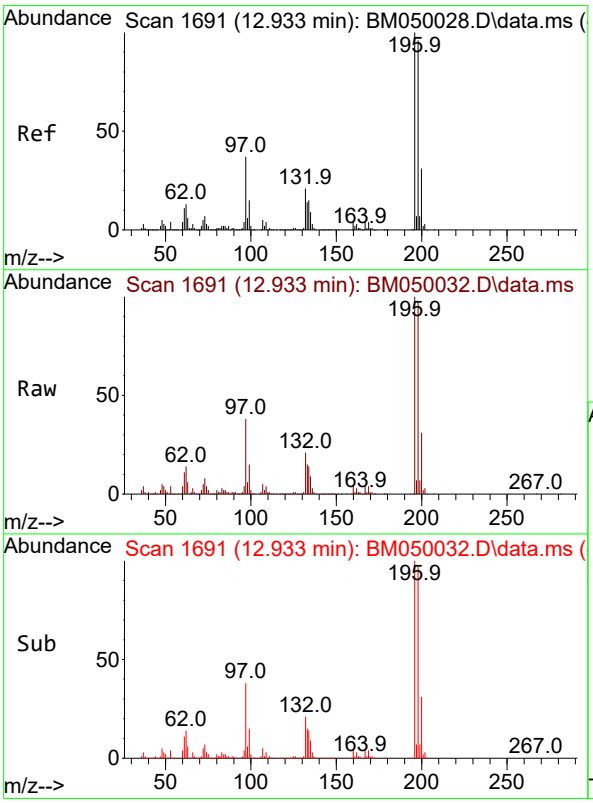
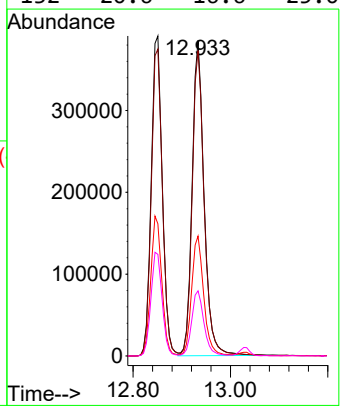
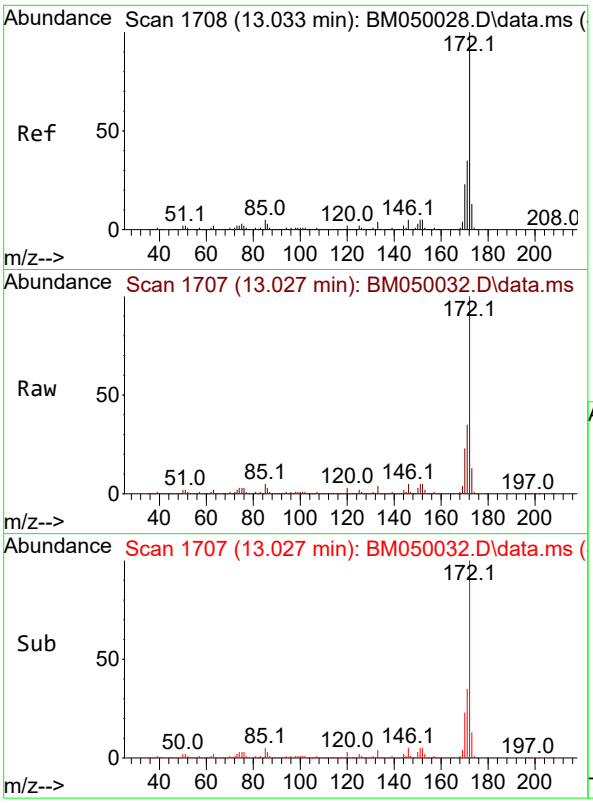


#44
2,4,5-Trichlorophenol
Concen: 46.271 ng
RT: 12.933 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:196 Resp: 663718

Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.7	115.1
97	38.0	30.1	45.1
132	20.6	16.6	25.0

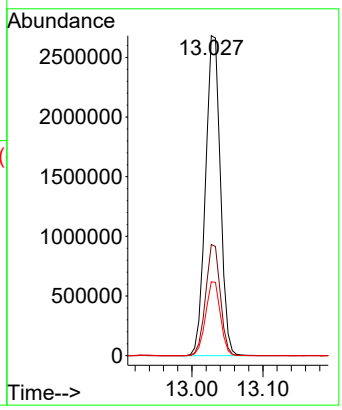




#45
2-Fluorobiphenyl
Concen: 76.259 ng
RT: 13.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:172 Resp: 390538

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.1	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
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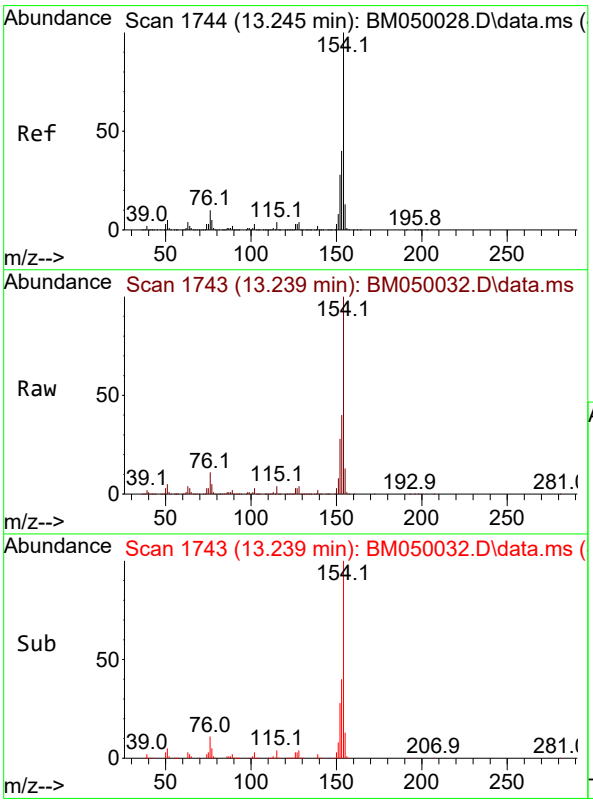
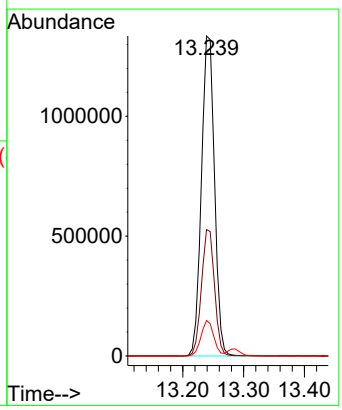
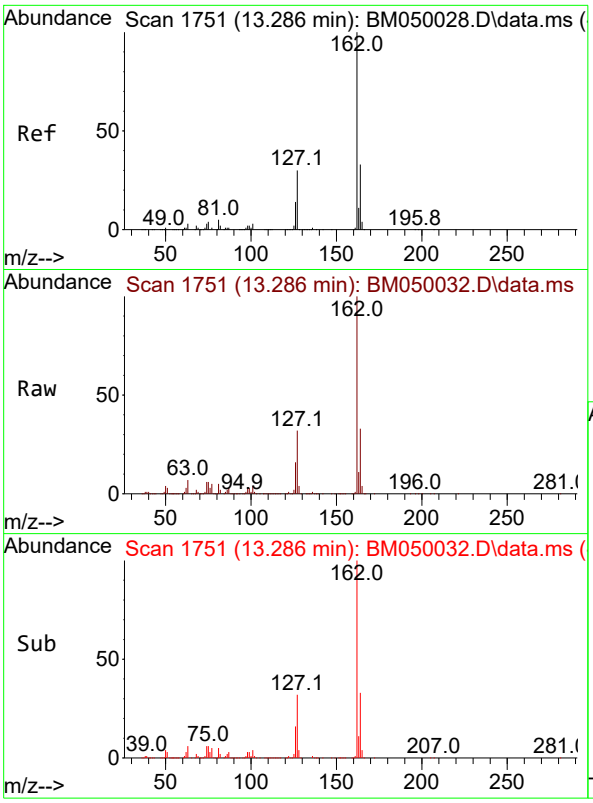


#46
1,1'-Biphenyl
Concen: 44.207 ng
RT: 13.239 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:154 Resp: 1990852

Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.0	60.0
76	11.1	0.0	30.3

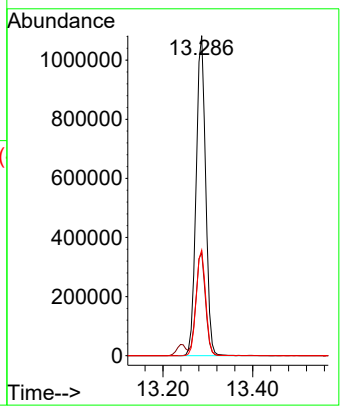




#47
2-Chloronaphthalene
Concen: 44.684 ng
RT: 13.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:162 Resp: 159376

Ion	Ratio	Lower	Upper
162	100		
127	32.2	25.9	38.9
164	33.0	26.6	40.0



Instrument :
BNA_M
ClientSampleId :
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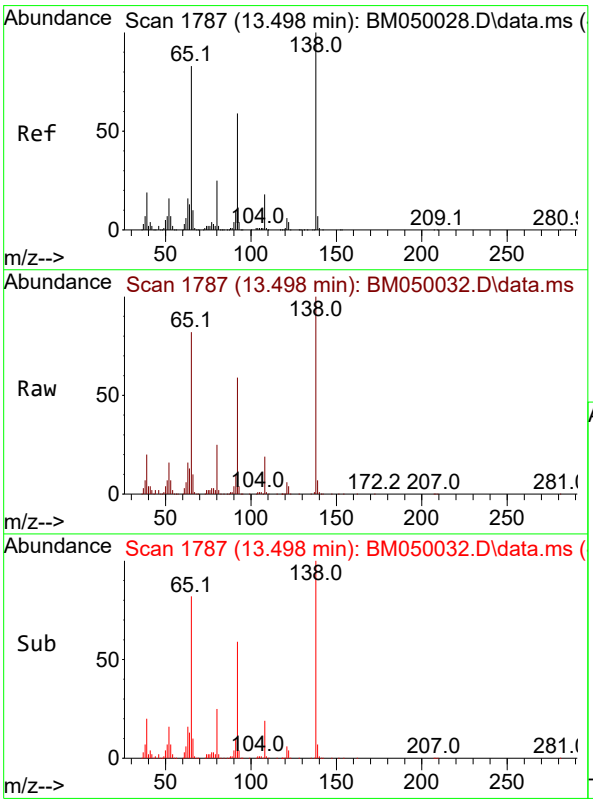
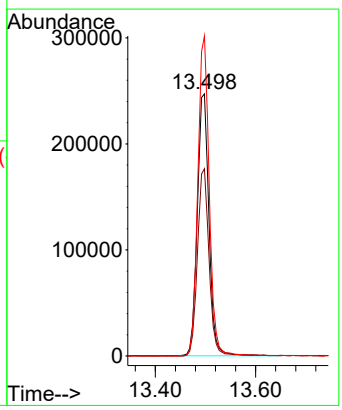
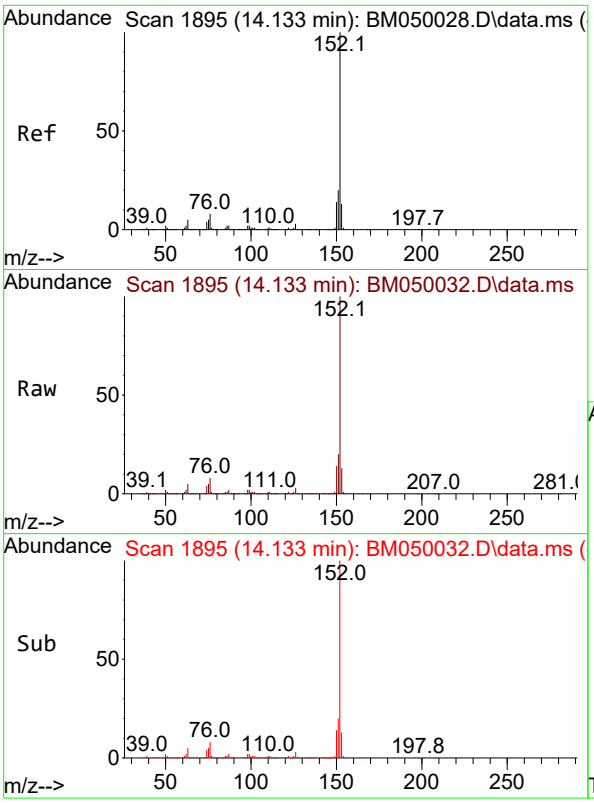


#48
2-Nitroaniline
Concen: 47.621 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 65 Resp: 398645

Ion	Ratio	Lower	Upper
65	100		
92	71.5	57.1	85.7
138	122.1	97.0	145.4

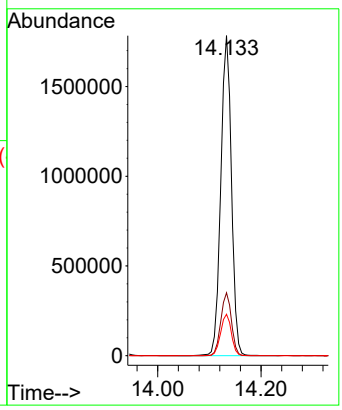




#49
Acenaphthylene
Concen: 45.315 ng
RT: 14.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:152 Resp: 254834

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	13.0	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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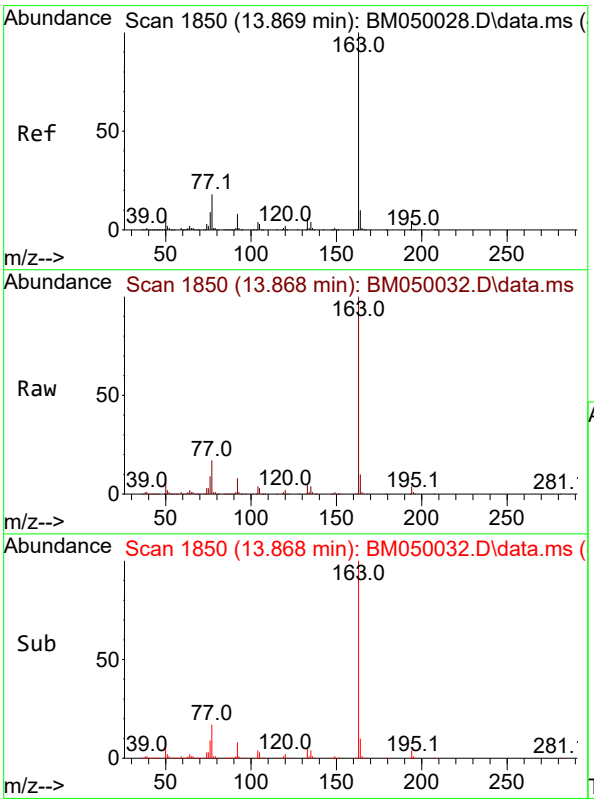
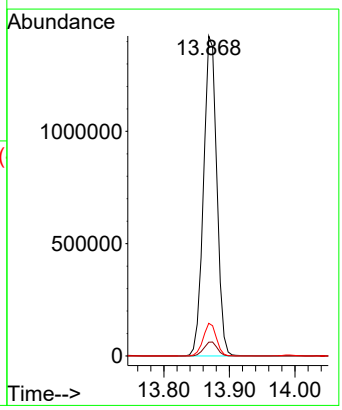
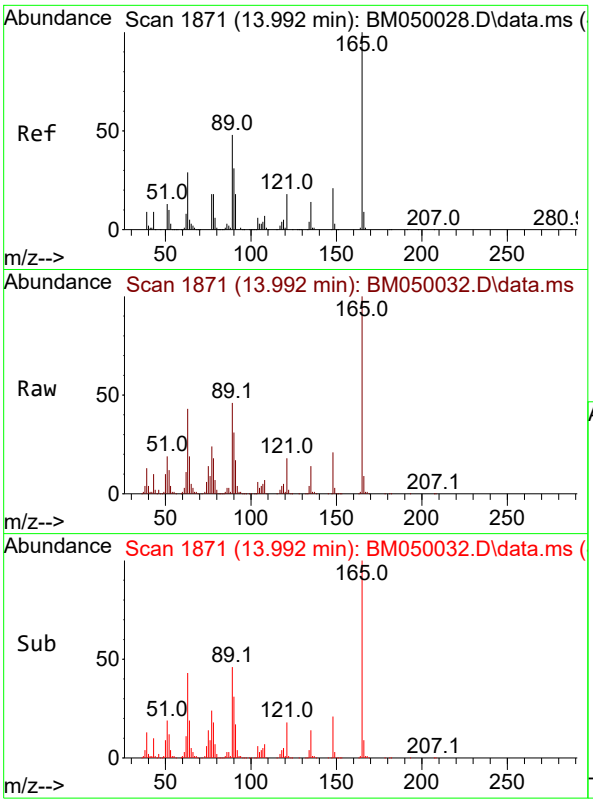


#50
Dimethylphthalate
Concen: 45.338 ng
RT: 13.868 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:163 Resp: 2007342

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.2	8.2	12.2

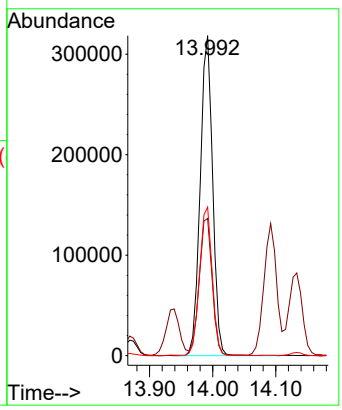




#51
2,6-Dinitrotoluene
Concen: 47.554 ng
RT: 13.992 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:165 Resp: 43592

Ion	Ratio	Lower	Upper
165	100		
63	42.9	35.1	52.7
89	46.4	38.4	57.6



Instrument :
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ClientSampleId :
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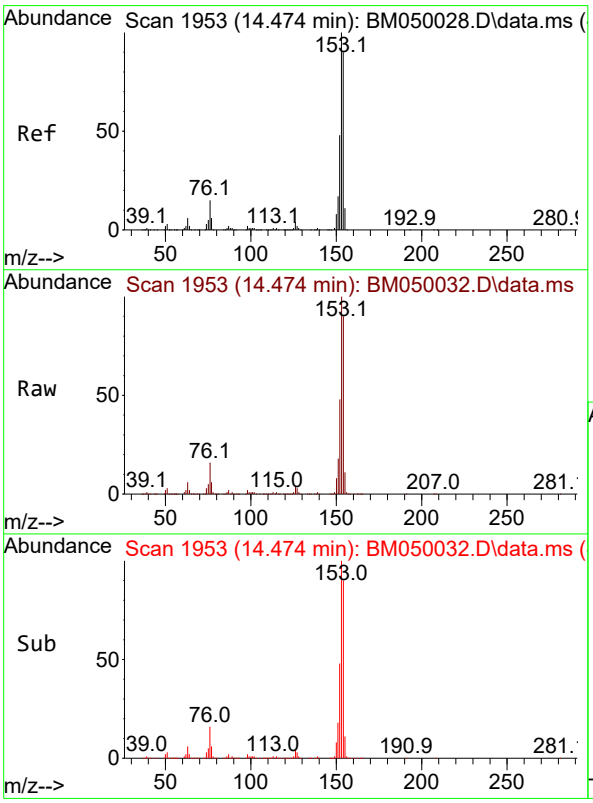
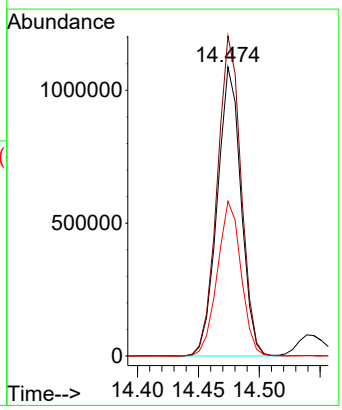
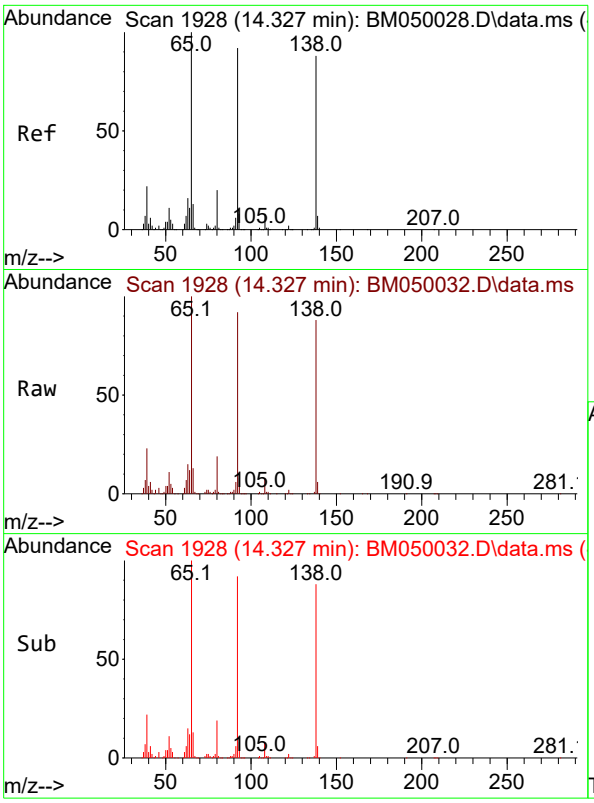


#52
Acenaphthene
Concen: 45.210 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:154 Resp: 1471672

Ion	Ratio	Lower	Upper
154	100		
153	110.7	89.0	133.4
152	53.5	43.0	64.6





#53
3-Nitroaniline
Concen: 48.843 ng
RT: 14.327 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:138 Resp: 42746

Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.4	11.2
92	104.5	84.0	126.0

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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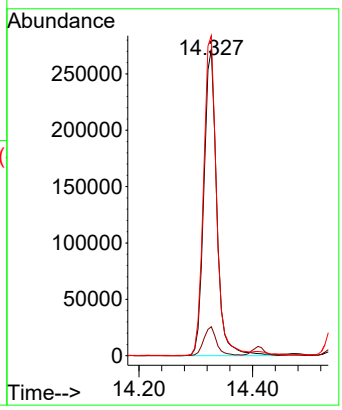
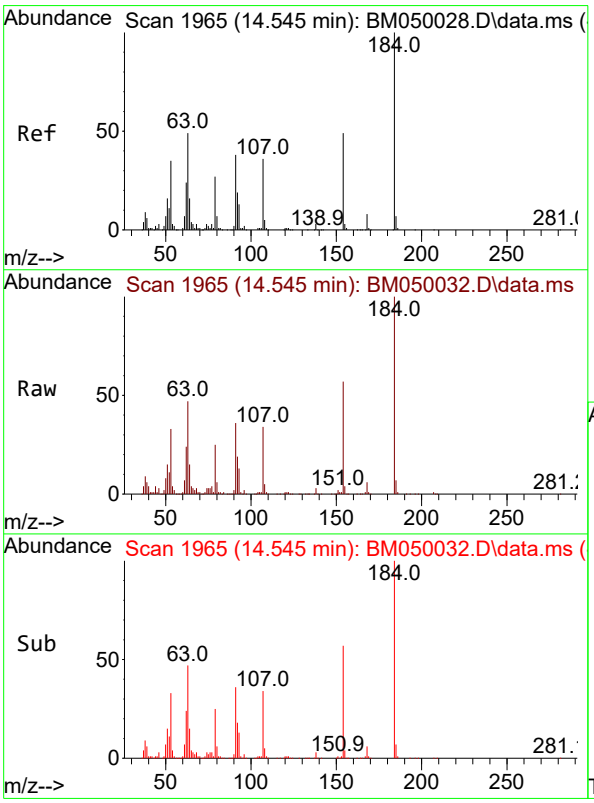
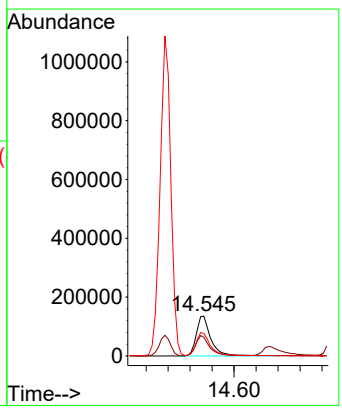


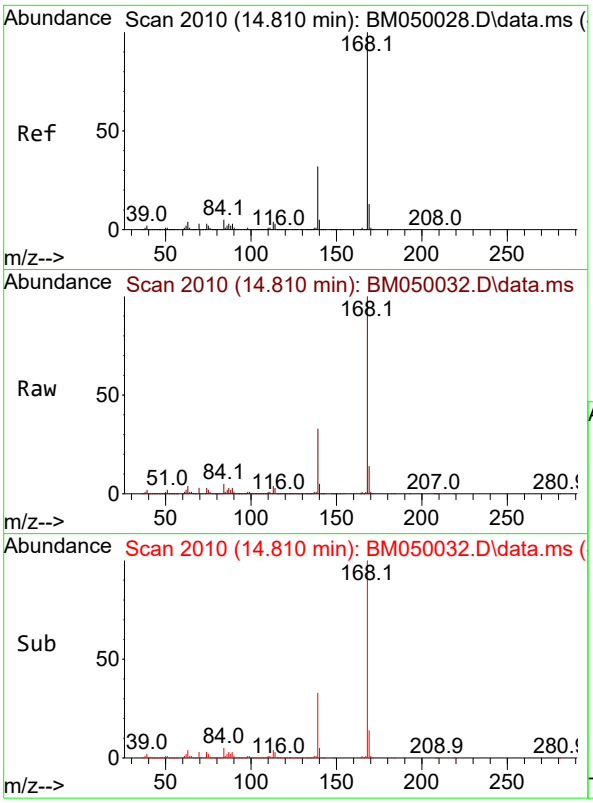


#54
2,4-Dinitrophenol
Concen: 45.189 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:184 Resp: 249307

Ion	Ratio	Lower	Upper
184	100		
63	47.3	39.8	59.6
154	56.7	46.1	69.1

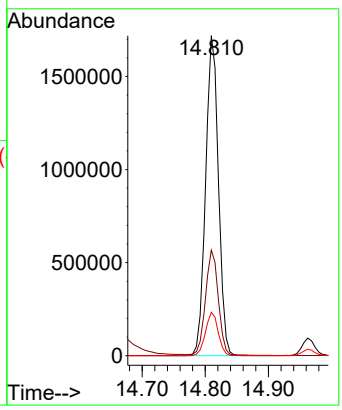




#55
Dibenzofuran
Concen: 44.828 ng
RT: 14.810 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:168 Resp: 242783

Ion	Ratio	Lower	Upper
168	100		
139	33.0	26.1	39.1
169	13.5	10.8	16.2



Instrument :
BNA_M
ClientSampleId :
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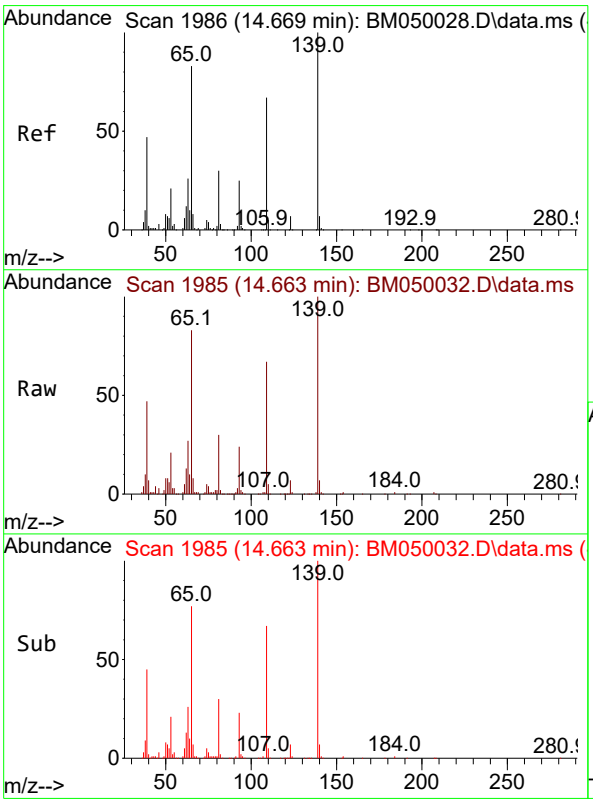
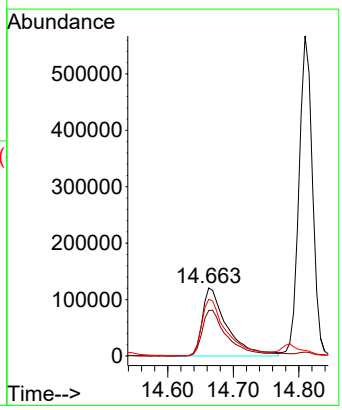
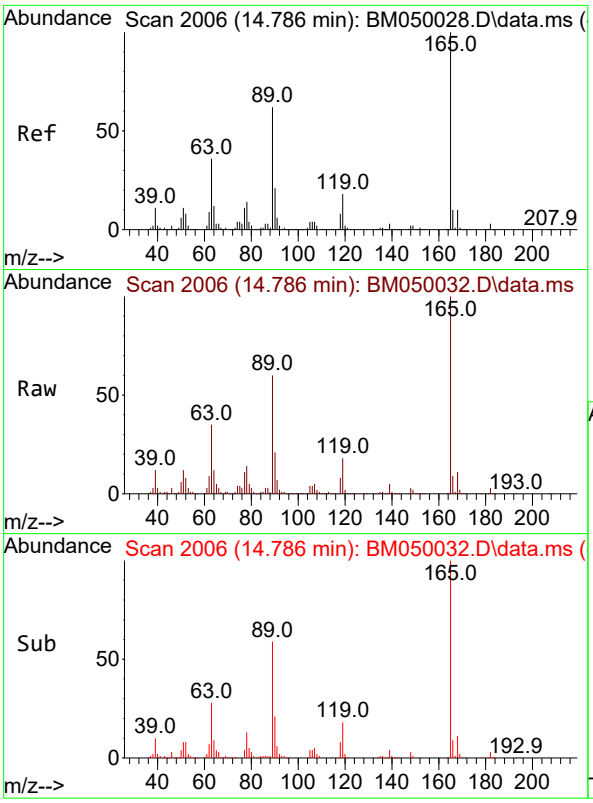


#56
4-Nitrophenol
Concen: 46.012 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:139 Resp: 313065

Ion	Ratio	Lower	Upper
139	100		
109	66.8	47.0	87.0
65	83.4	64.3	104.3

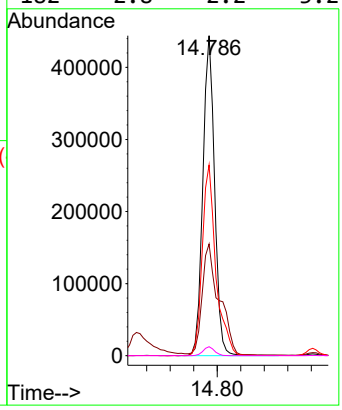




#57
2,4-Dinitrotoluene
Concen: 48.311 ng
RT: 14.786 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:165 Resp: 61194

Ion	Ratio	Lower	Upper
165	100		
63	34.9	29.0	43.6
89	59.6	49.4	74.2
182	2.8	2.2	3.2



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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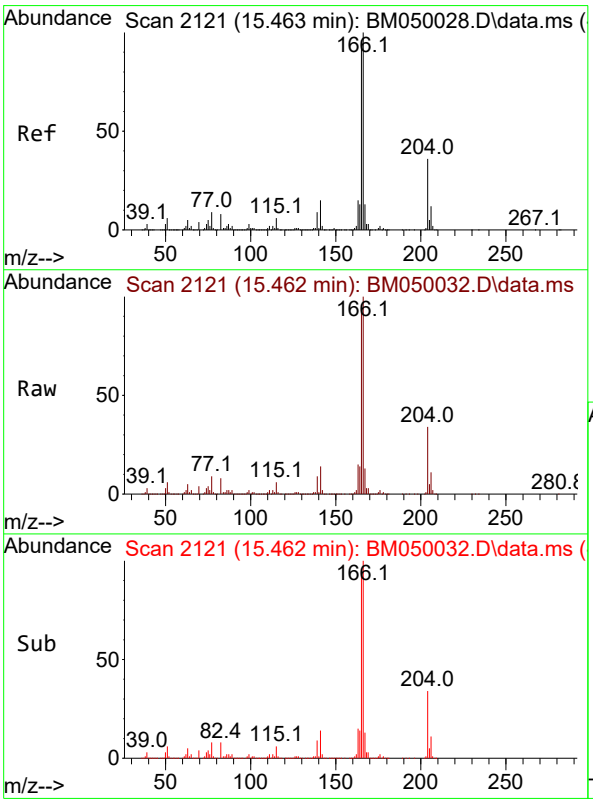
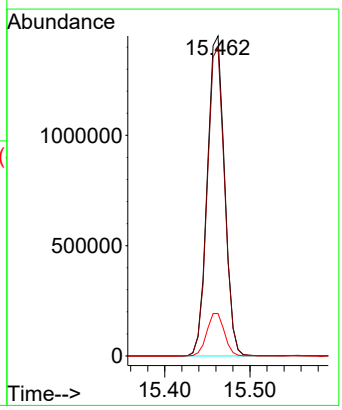
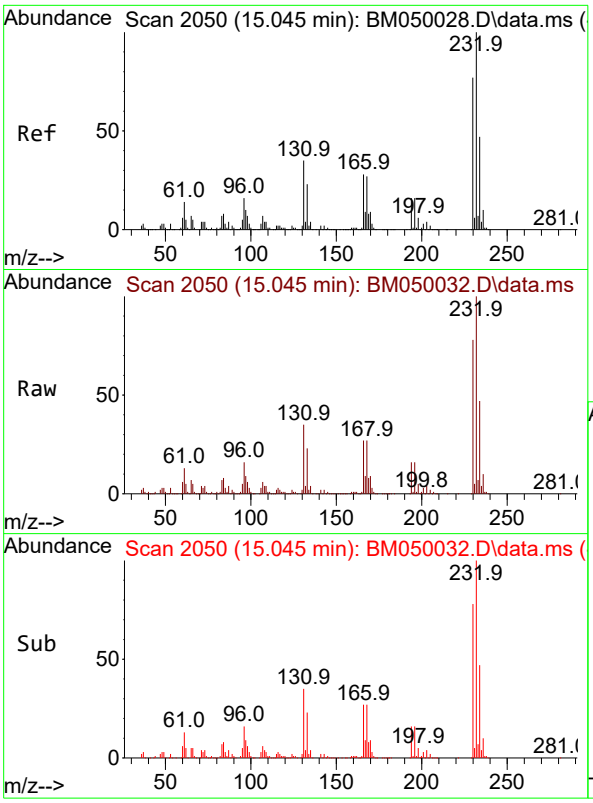


#58
Fluorene
Concen: 46.115 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:166 Resp: 2044284

Ion	Ratio	Lower	Upper
166	100		
165	96.4	76.6	115.0
167	13.3	10.6	16.0

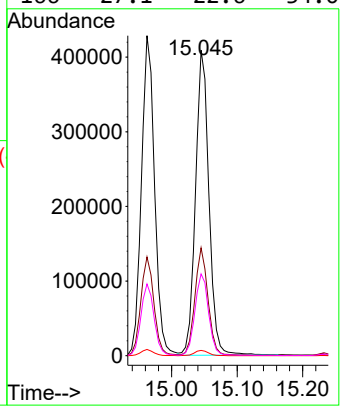




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.970 ng
RT: 15.045 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:232 Resp: 583198

Ion	Ratio	Lower	Upper
232	100		
131	34.5	28.2	42.4
130	1.8	1.5	2.3
166	27.1	22.6	34.0



Instrument :
BNA_M
ClientSampleId :
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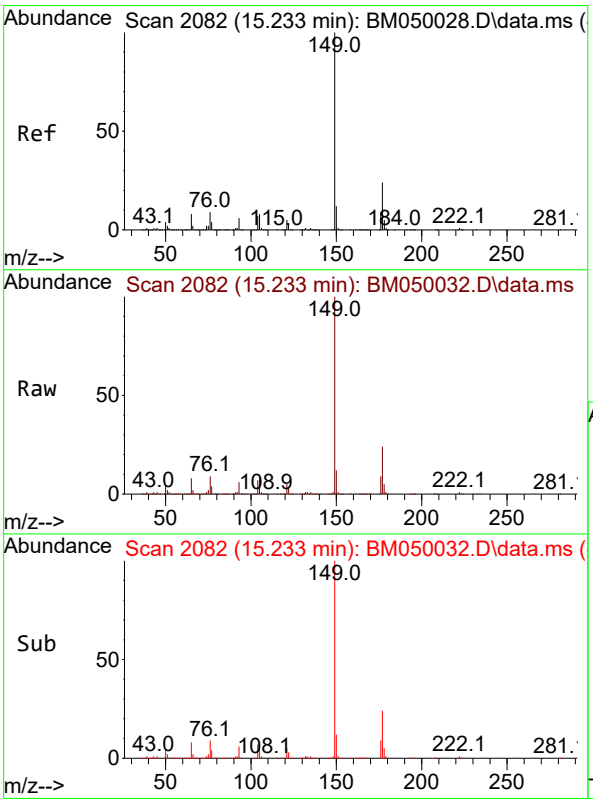
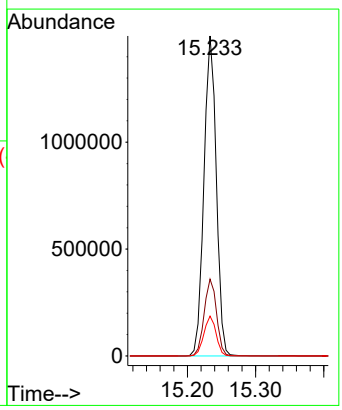
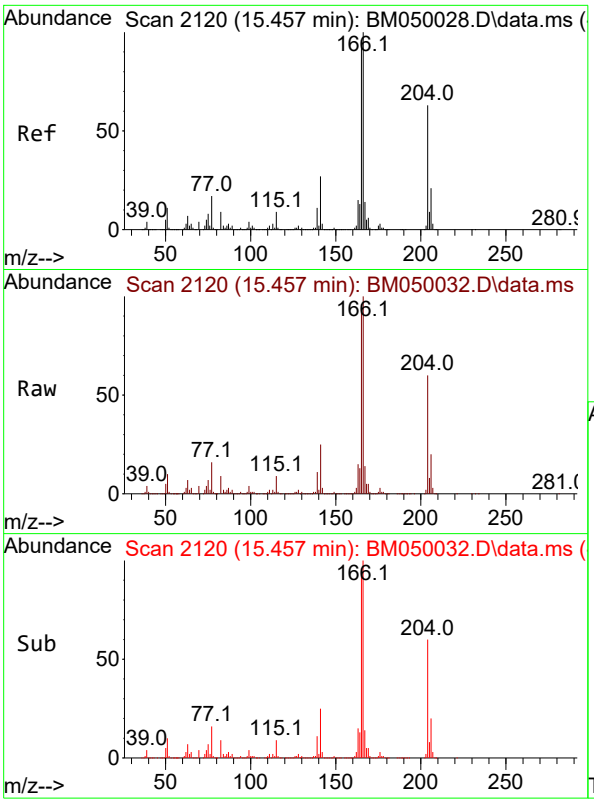


#60
Diethylphthalate
Concen: 45.299 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:149 Resp: 1889827

Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.1	28.7
150	12.4	9.6	14.4





#61
4-Chlorophenyl-phenylether
Concen: 45.950 ng
RT: 15.457 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:204 Resp: 111883

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.3	39.5
141	41.1	34.0	51.0

Instrument :
BNA_M
ClientSampleId :
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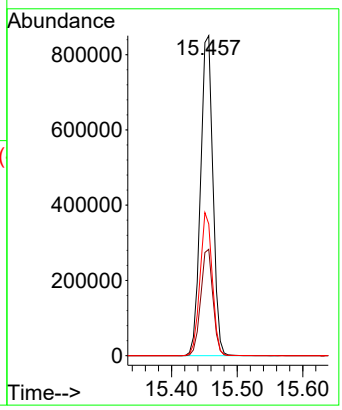
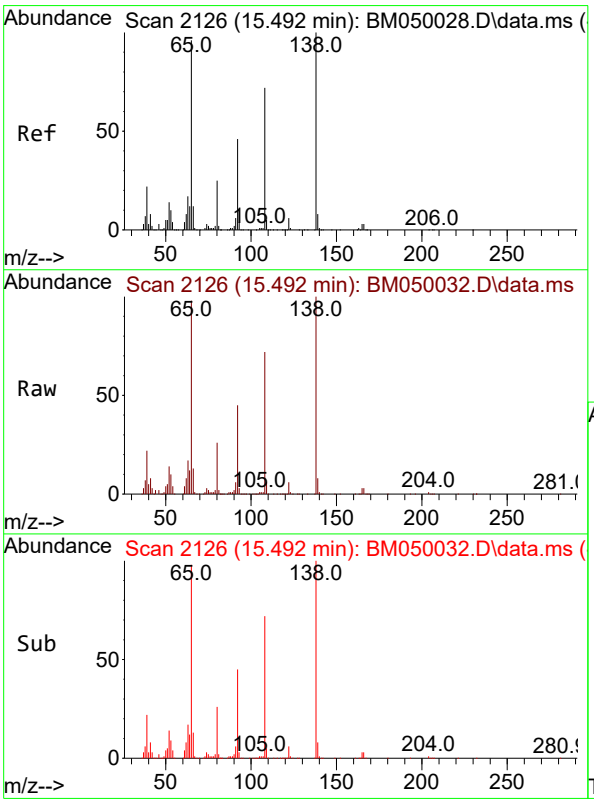
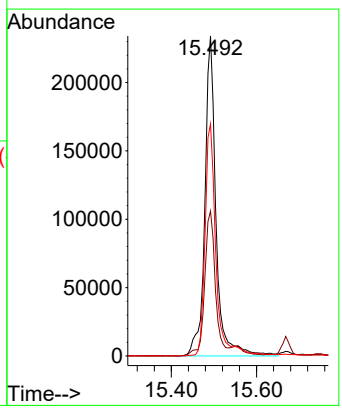


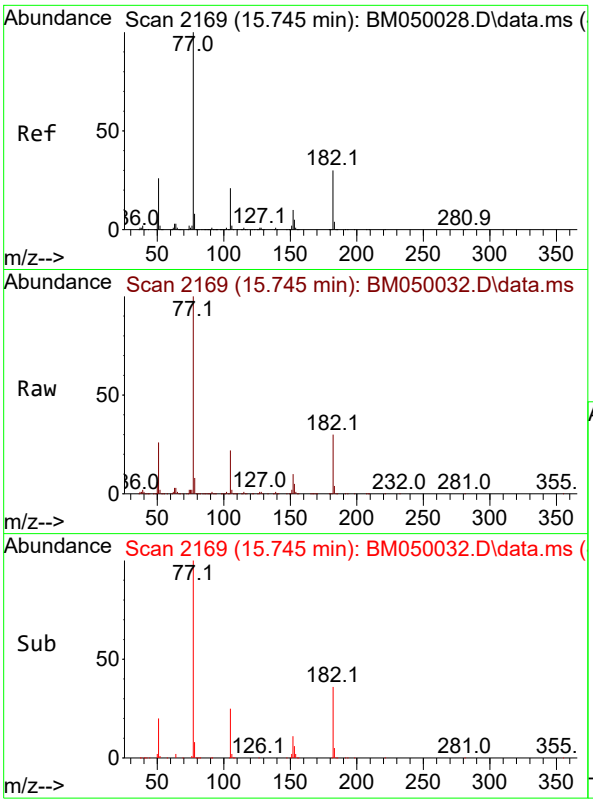


#62
4-Nitroaniline
Concen: 50.610 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:138 Resp: 427339

Ion	Ratio	Lower	Upper
138	100		
92	45.3	25.9	65.9
108	72.5	52.4	92.4

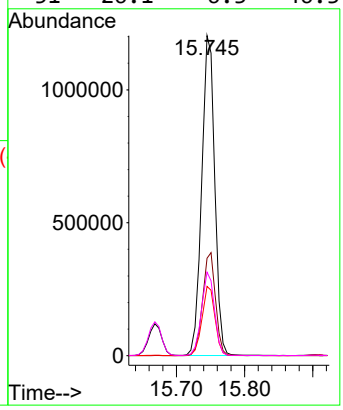




#63
Azobenzene
Concen: 45.747 ng
RT: 15.745 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 77 Resp: 159948

Ion	Ratio	Lower	Upper
77	100		
182	30.5	10.5	50.5
105	21.6	1.1	41.1
51	26.1	6.3	46.3



Instrument :
BNA_M
ClientSampleId :
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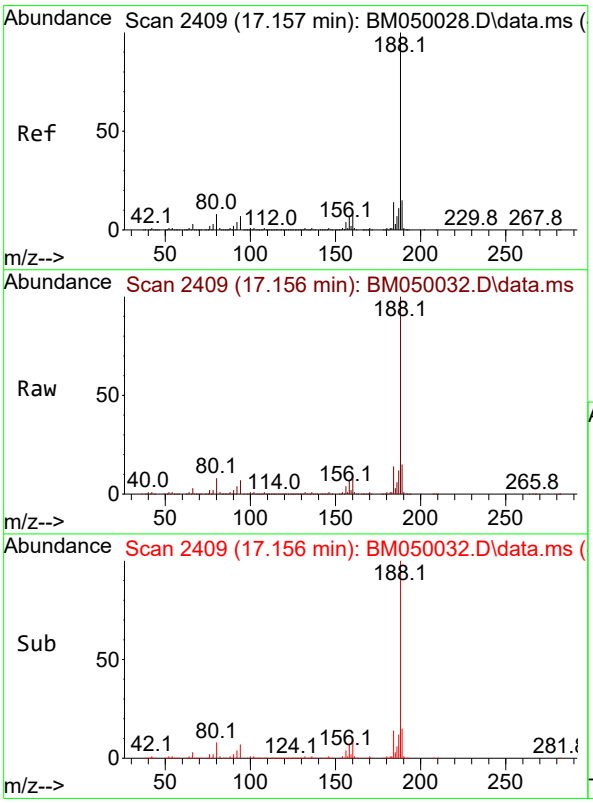
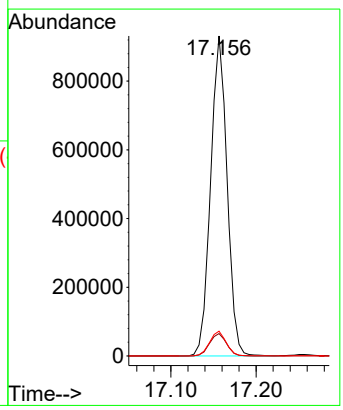
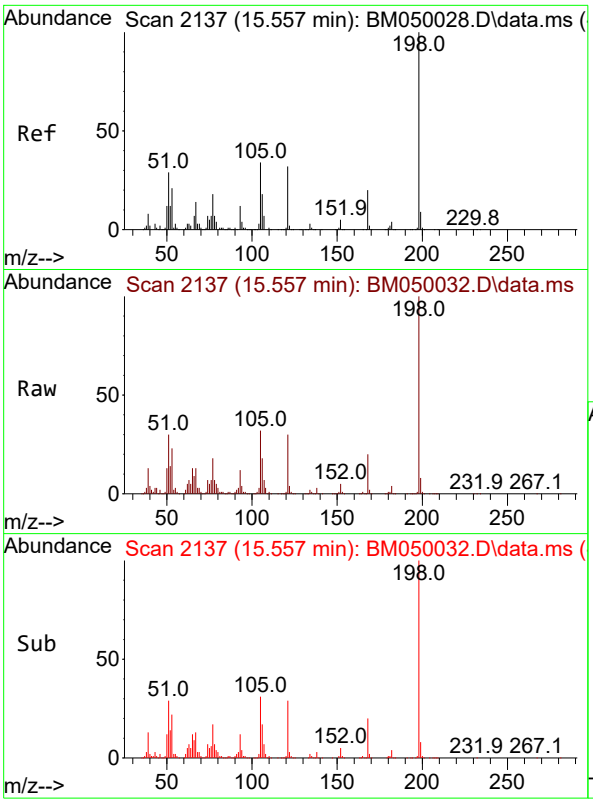


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2409
Delta R.T. -0.001 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:188 Resp: 1251563

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.7	8.5
80	7.7	6.2	9.4

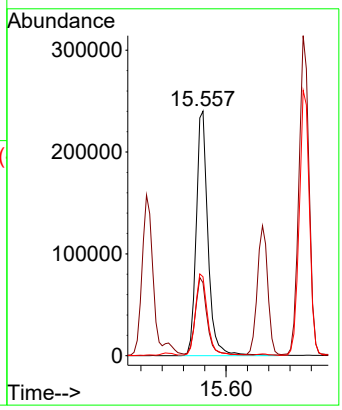




#65
4,6-Dinitro-2-methylphenol
Concen: 46.920 ng
RT: 15.557 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:198 Resp: 36758

Ion	Ratio	Lower	Upper
198	100		
51	29.9	10.4	50.4
105	32.3	14.6	54.6



Instrument :
BNA_M
ClientSampleId :
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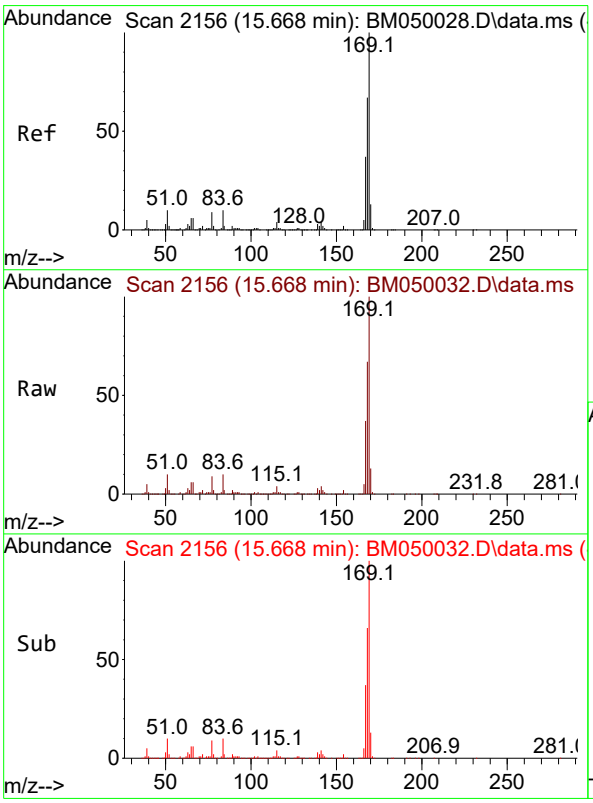
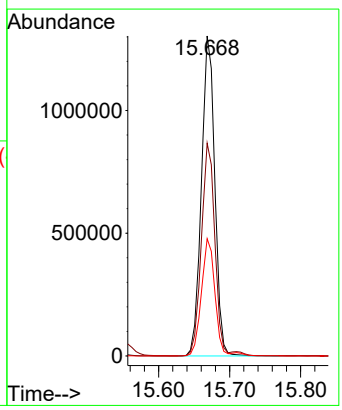
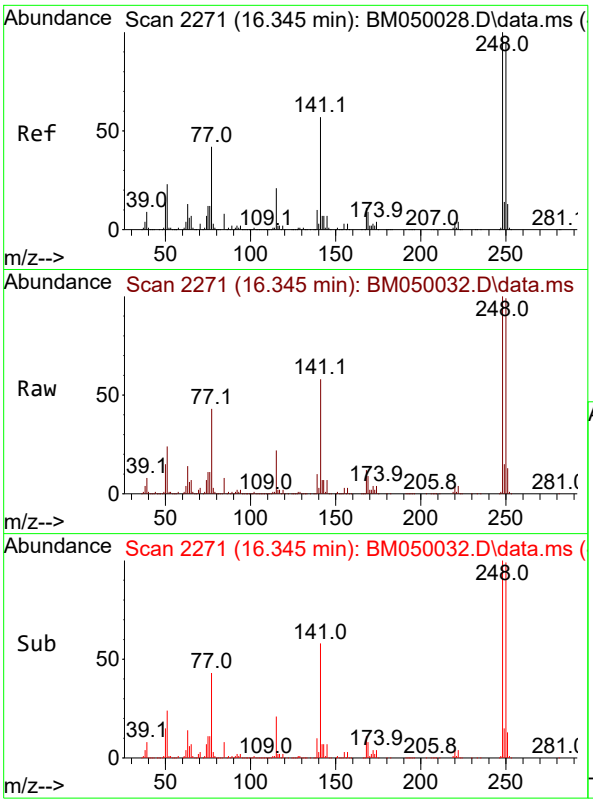


#66
n-Nitrosodiphenylamine
Concen: 44.485 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:169 Resp: 1709666

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.4	80.2
167	36.6	29.4	44.0

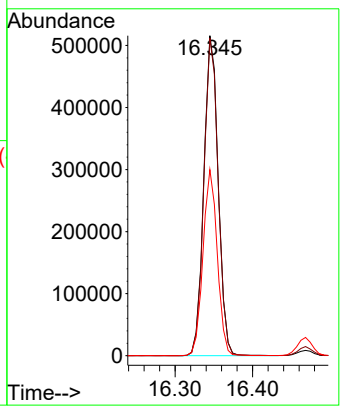




#67
4-Bromophenyl-phenylether
Concen: 43.944 ng
RT: 16.345 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:248 Resp: 66508

Ion	Ratio	Lower	Upper
248	100		
250	99.3	76.2	114.2
141	58.1	45.9	68.9



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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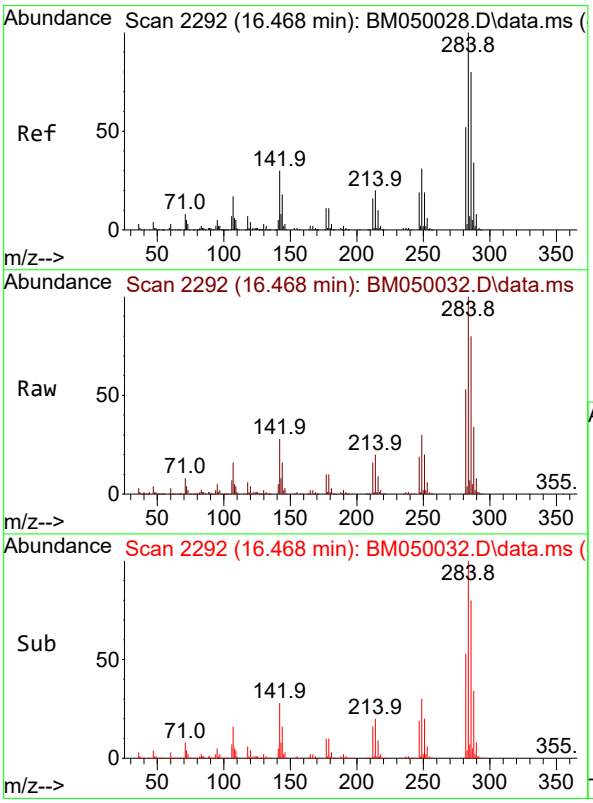
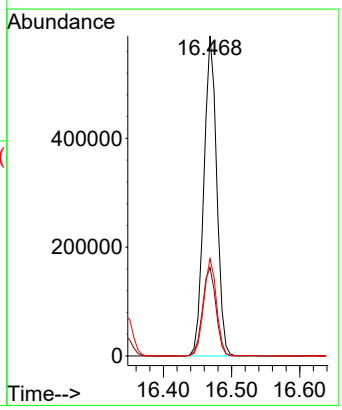
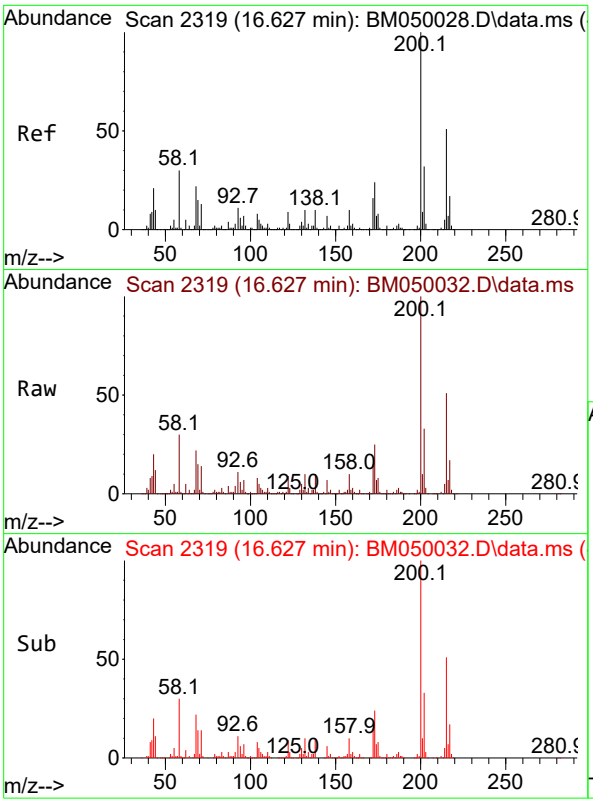


#68
Hexachlorobenzene
Concen: 44.174 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:284 Resp: 770651

Ion	Ratio	Lower	Upper
284	100		
142	27.6	23.9	35.9
249	30.4	24.5	36.7





#69
Atrazine
Concen: 44.483 ng
RT: 16.627 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:200 Resp: 61667

Ion	Ratio	Lower	Upper
200	100		
173	24.7	4.3	44.3
215	51.1	30.6	70.6

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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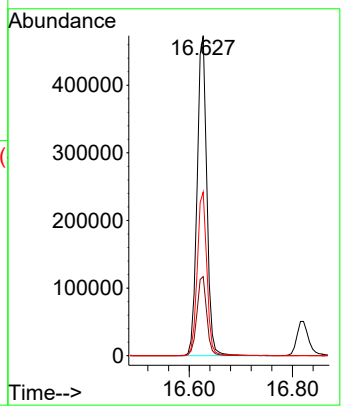
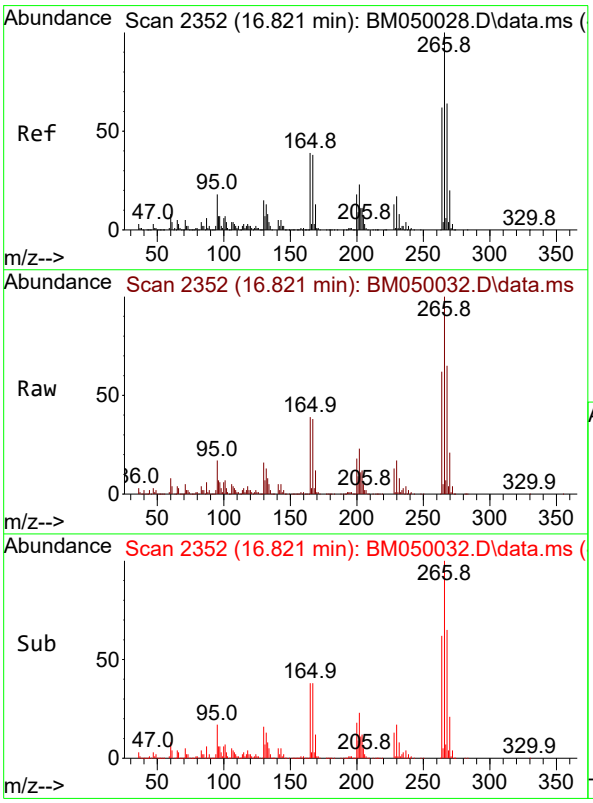
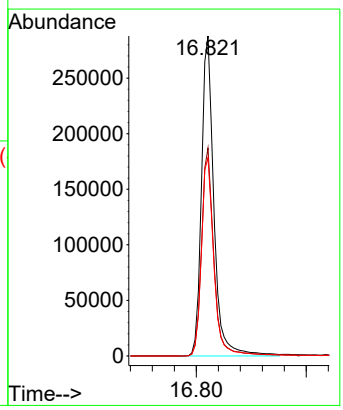


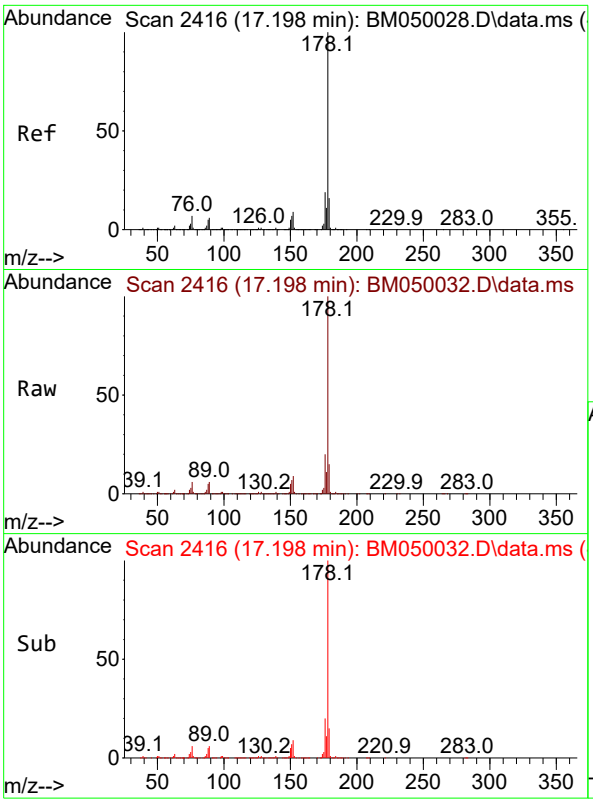


#70
Pentachlorophenol
Concen: 46.059 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:266 Resp: 452303

Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.2	76.8
264	61.9	49.6	74.4

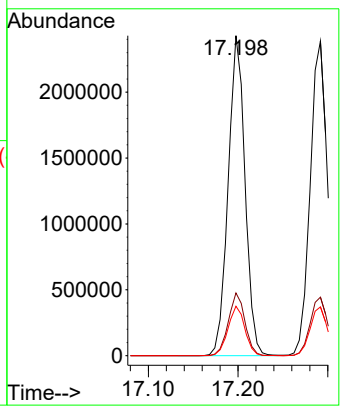




#71
Phenanthrene
Concen: 44.895 ng
RT: 17.198 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:178 Resp: 316914

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.4	12.4	18.6



Instrument :
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ClientSampleId :
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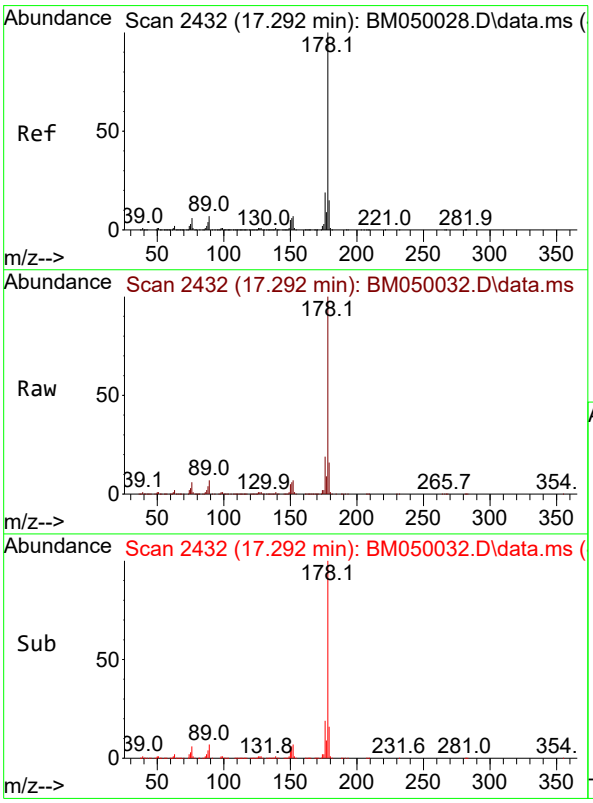
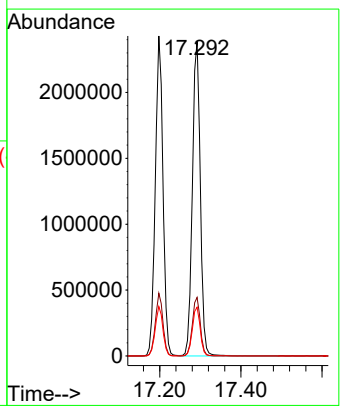
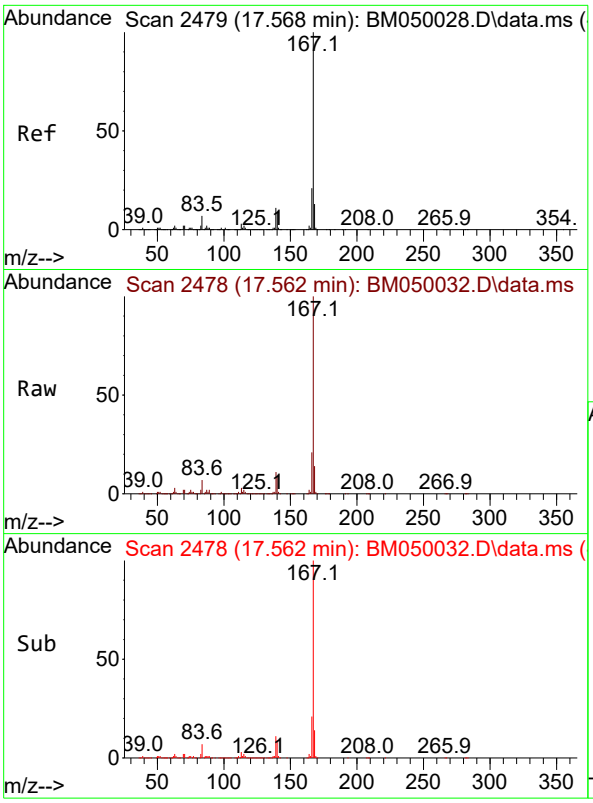


#72
Anthracene
Concen: 45.381 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:178 Resp: 3241829

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.5	12.2	18.4

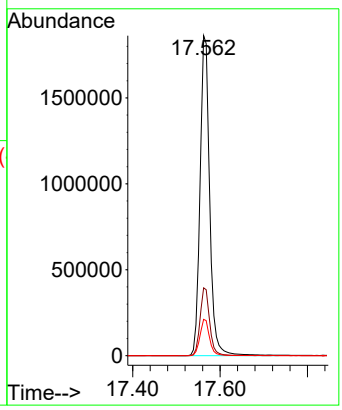




#73
Carbazole
Concen: 46.001 ng
RT: 17.562 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:167 Resp: 285151

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	11.3	9.0	13.6



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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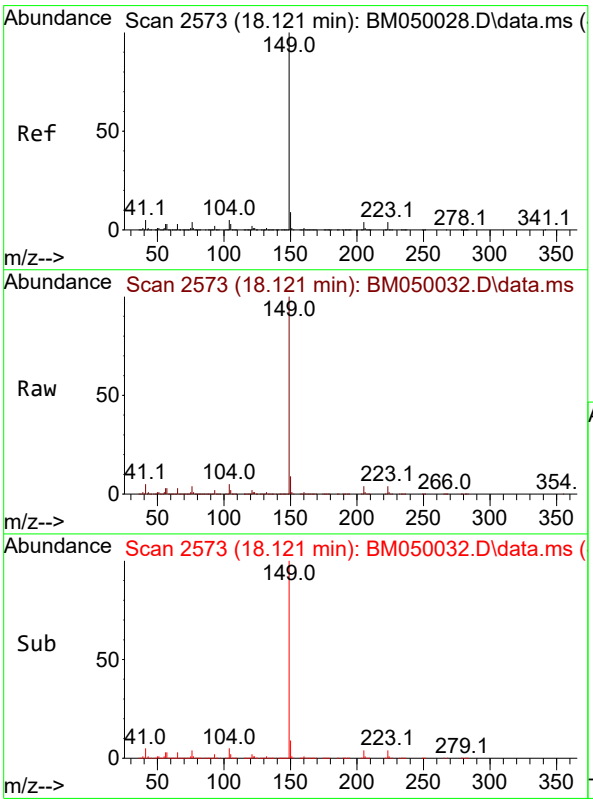
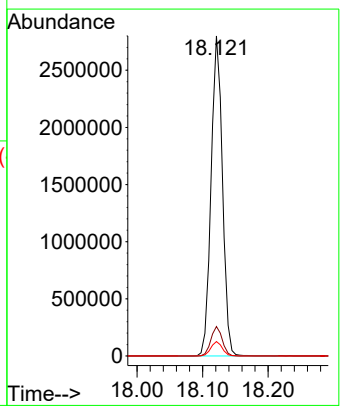
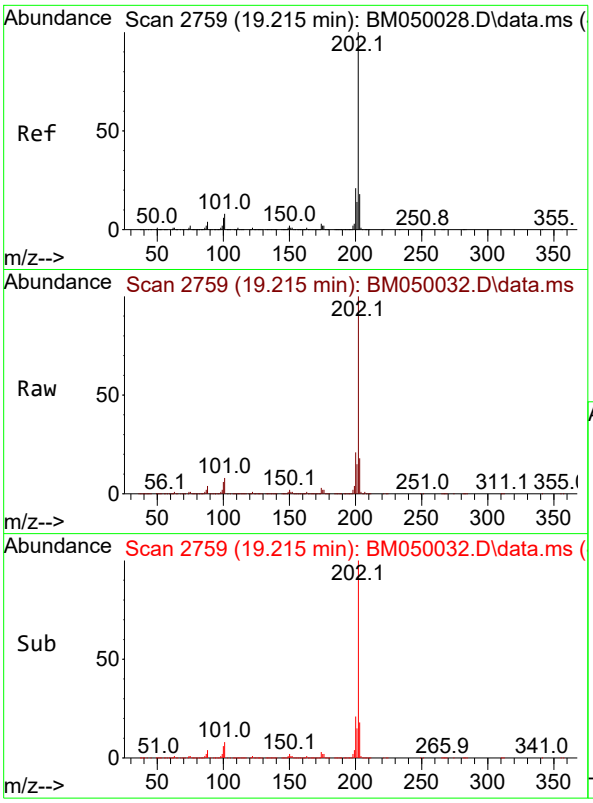


#74
Di-n-butylphthalate
Concen: 45.654 ng
RT: 18.121 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:149 Resp: 3370238

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.5	3.8	5.6

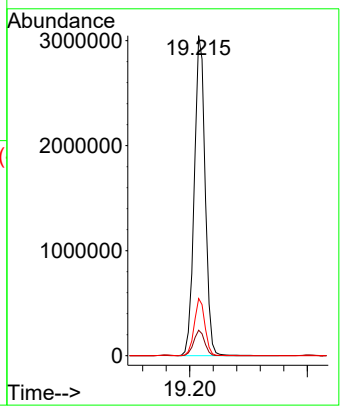




#75
Fluoranthene
Concen: 46.998 ng
RT: 19.215 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:202 Resp: 389504

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	28.0
203	17.9	0.0	37.7



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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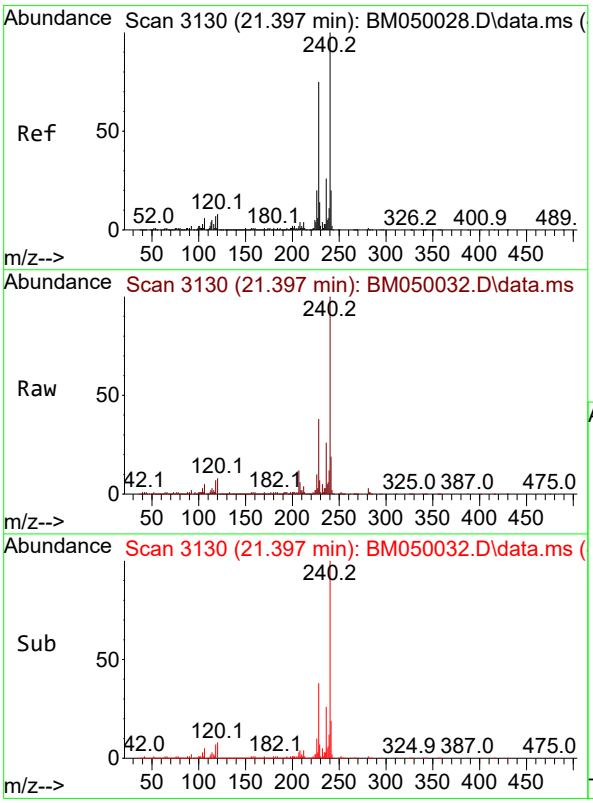
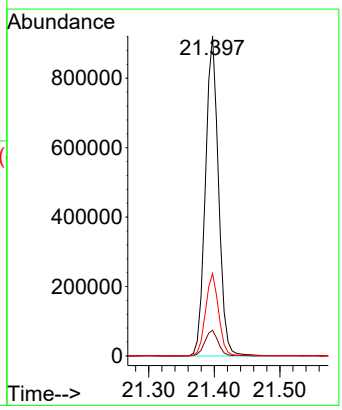
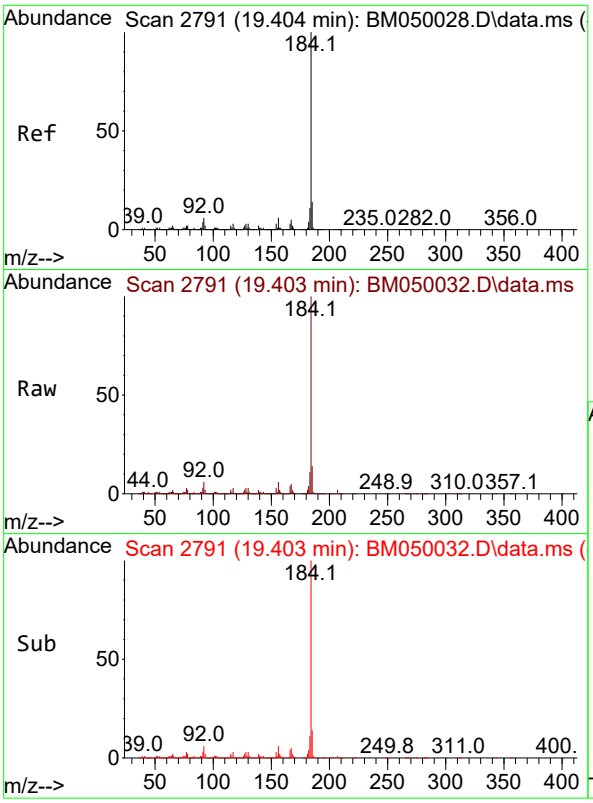


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:240 Resp: 1285998

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.5	9.7
236	25.8	20.9	31.3

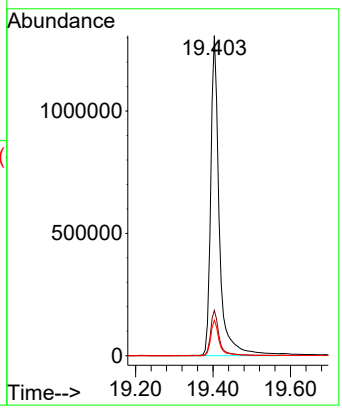




#77
Benzidine
Concen: 44.204 ng
RT: 19.403 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:184 Resp: 201920

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.5	17.3
183	11.0	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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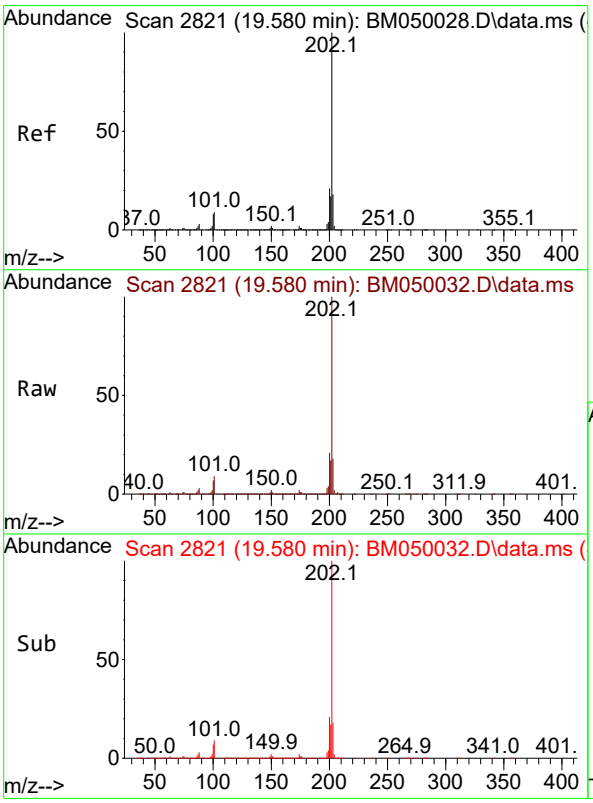
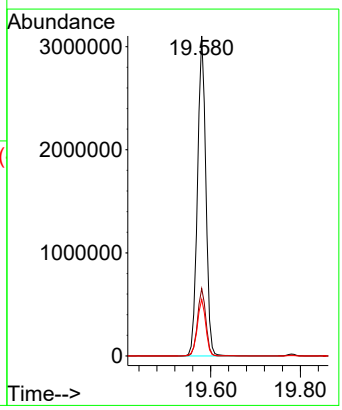
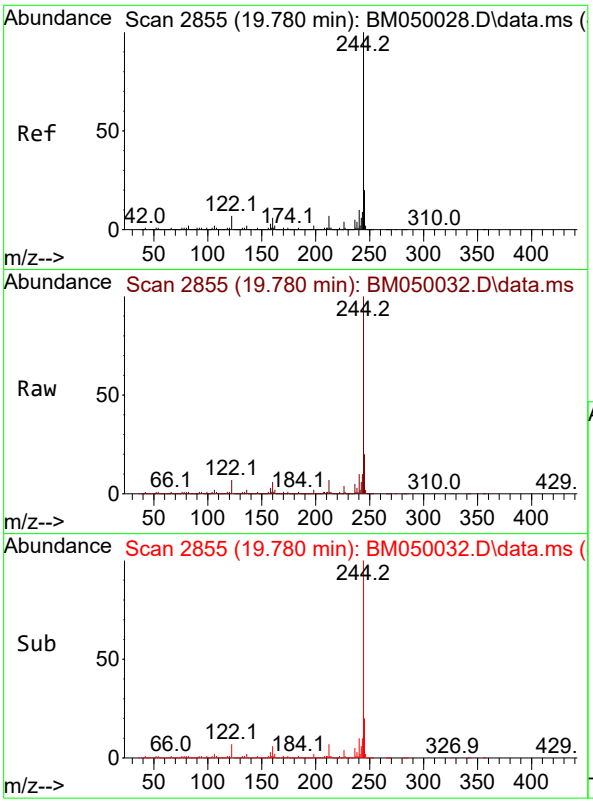


#78
Pyrene
Concen: 44.209 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:202 Resp: 3992384

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.7	14.1	21.1

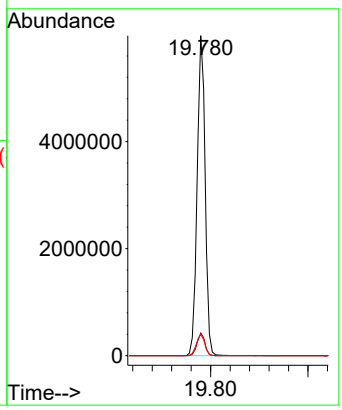




#79
Terphenyl-d14
Concen: 78.970 ng
RT: 19.780 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:244 Resp: 686305

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	6.6	5.6	8.4



Instrument :
BNA_M
ClientSampleId :
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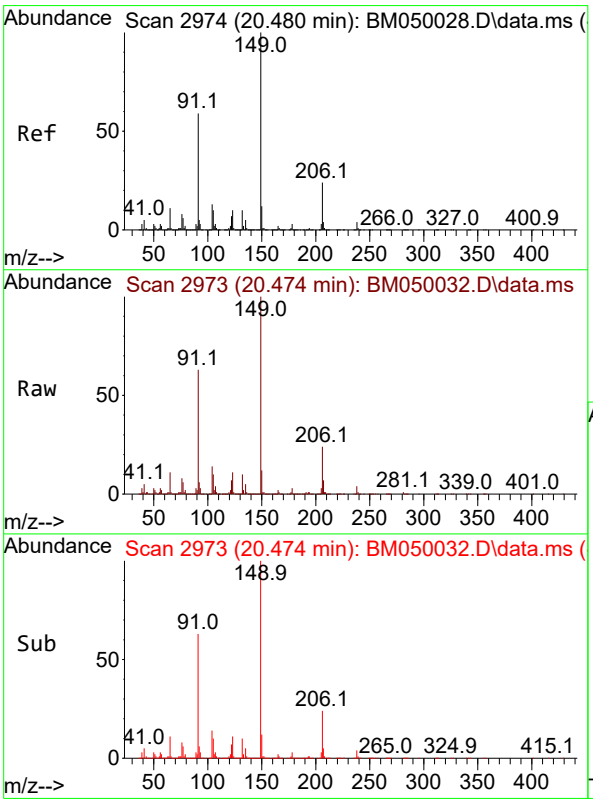
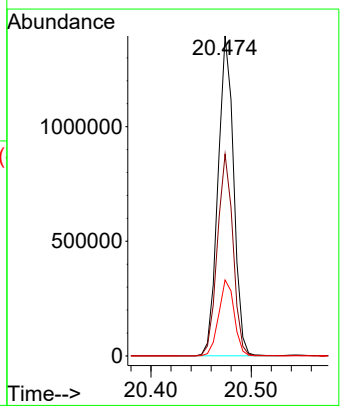
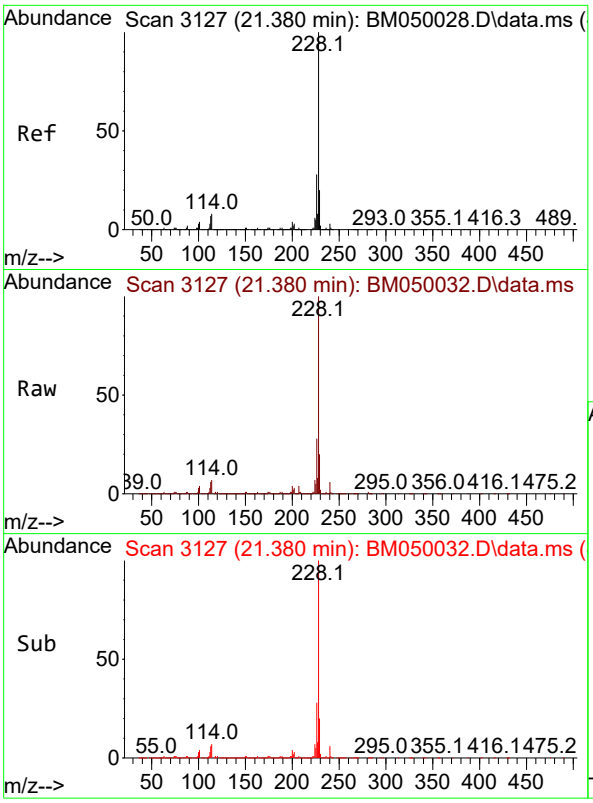


#80
Butylbenzylphthalate
Concen: 44.718 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:149 Resp: 1512498

Ion	Ratio	Lower	Upper
149	100		
91	63.0	47.4	71.2
206	23.7	19.4	29.0

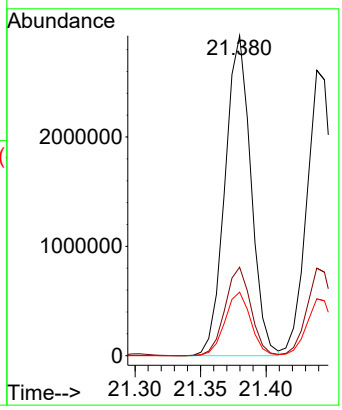




#81
Benzo(a)anthracene
Concen: 45.497 ng
RT: 21.380 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:228 Resp: 402906

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	19.8	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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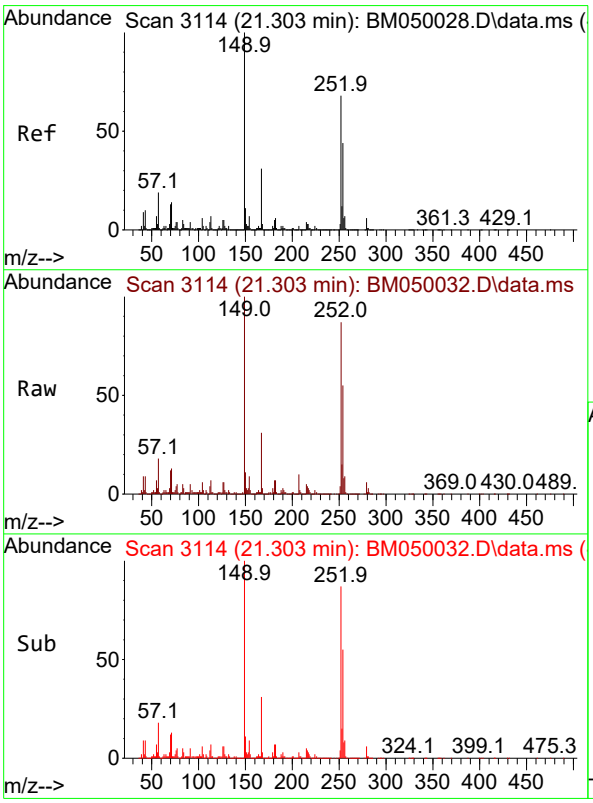
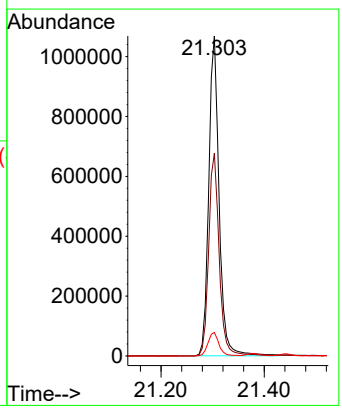
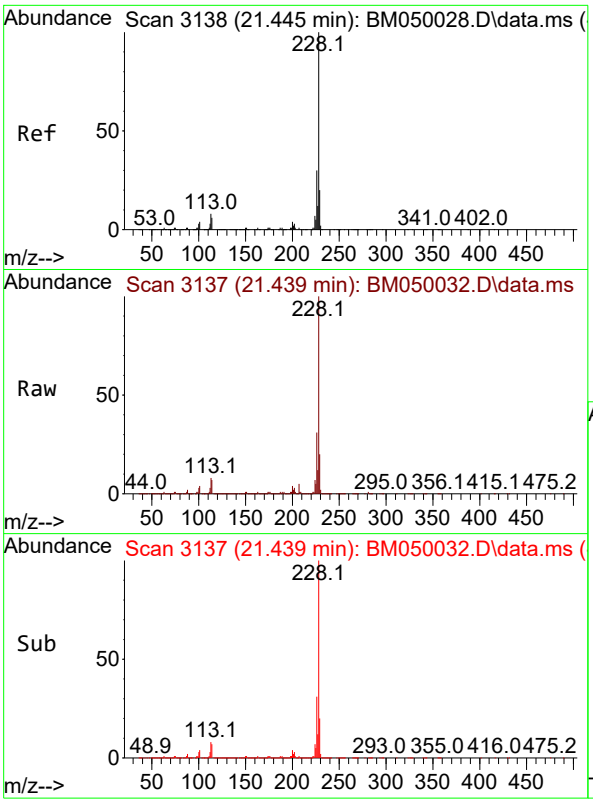


#82
3,3'-Dichlorobenzidine
Concen: 43.871 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:252 Resp: 1487254

Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.8	77.6
126	7.4	6.0	9.0

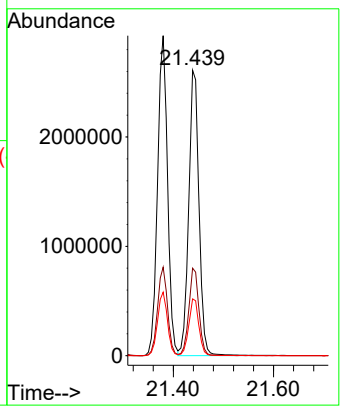




#83
Chrysene
Concen: 44.967 ng
RT: 21.439 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:228 Resp: 368560

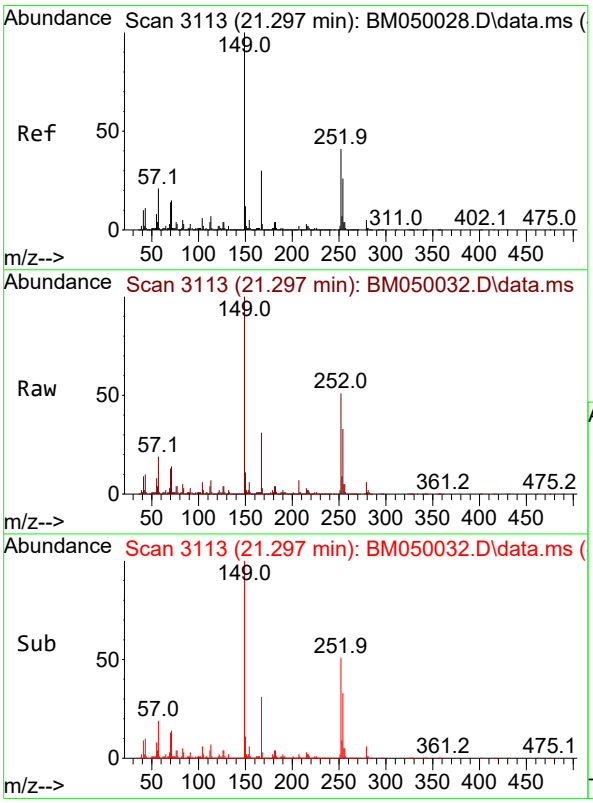
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	19.9	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations APPROVED

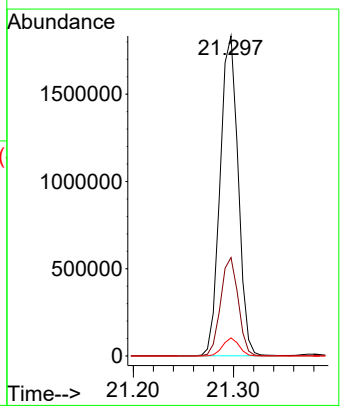
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

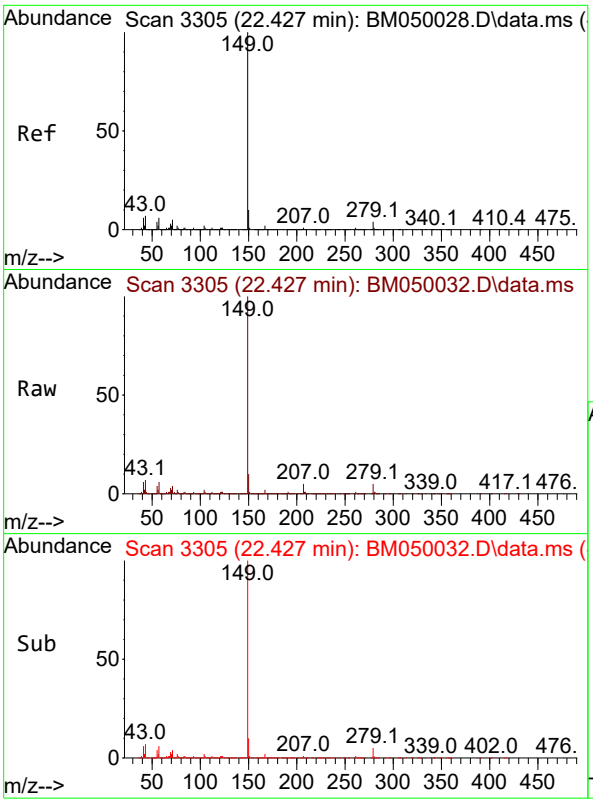


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.224 ng
RT: 21.297 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:149 Resp: 2284769

Ion	Ratio	Lower	Upper
149	100		
167	30.7	24.1	36.1
279	5.6	3.9	5.9





#85
Di-n-octyl phthalate
Concen: 44.974 ng
RT: 22.427 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

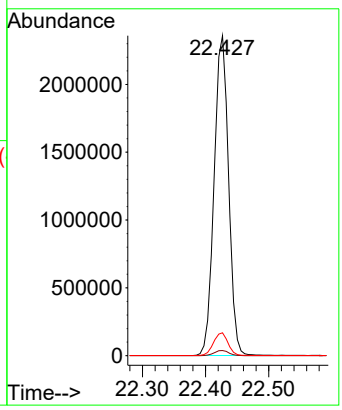
Tgt Ion:149 Resp: 374709

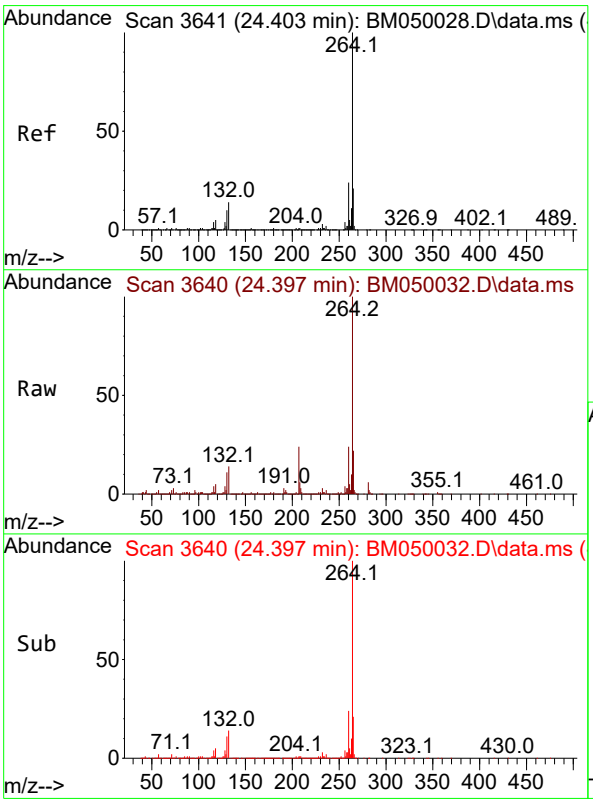
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.2	5.8	8.8

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

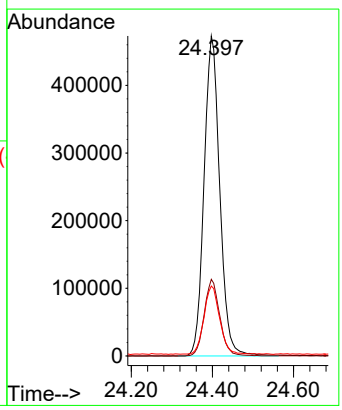


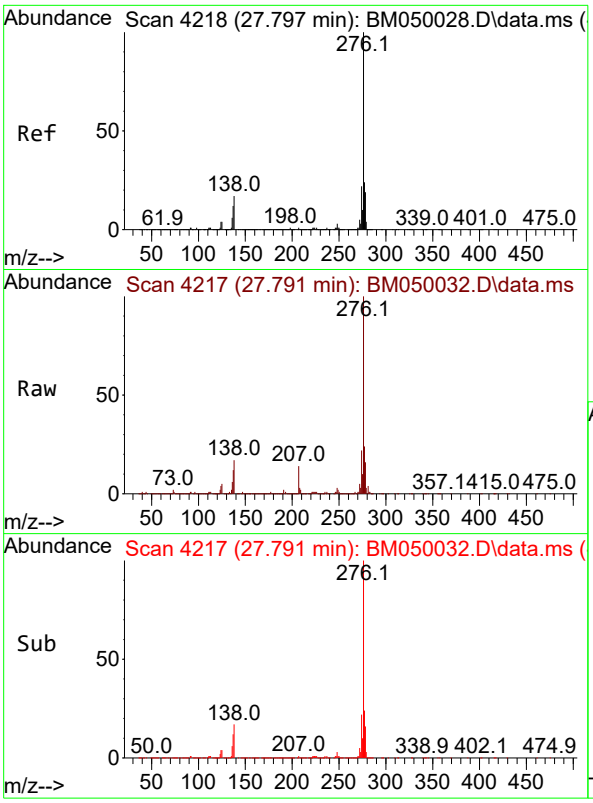


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:264 Resp: 1266367

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.9	17.0	25.4

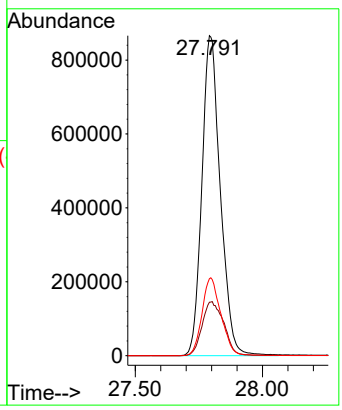




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.249 ng
RT: 27.791 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:276 Resp: 436403

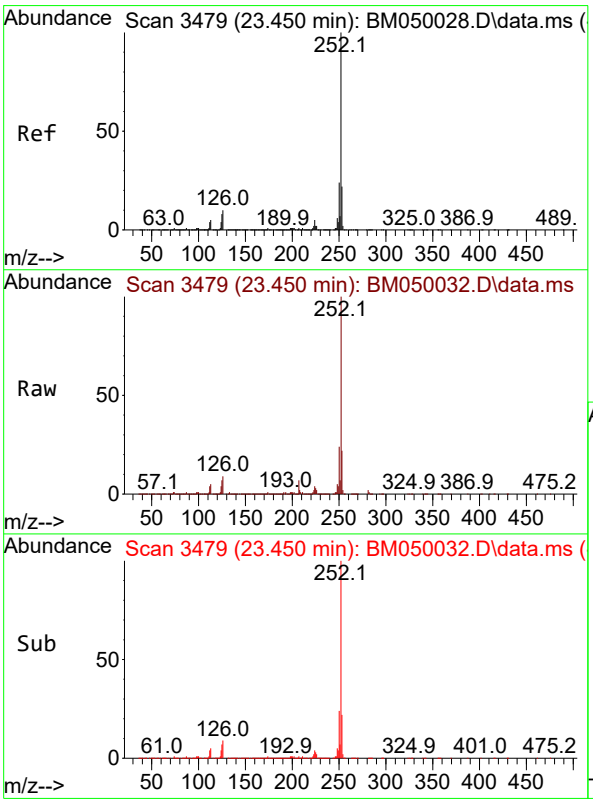
Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.4	24.6
277	25.0	19.8	29.8



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations APPROVED

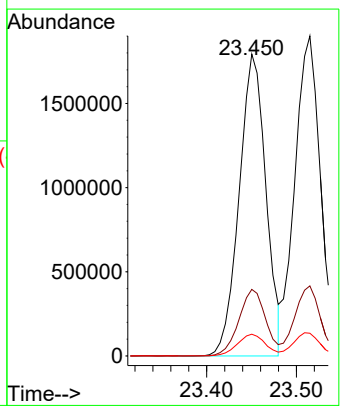
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

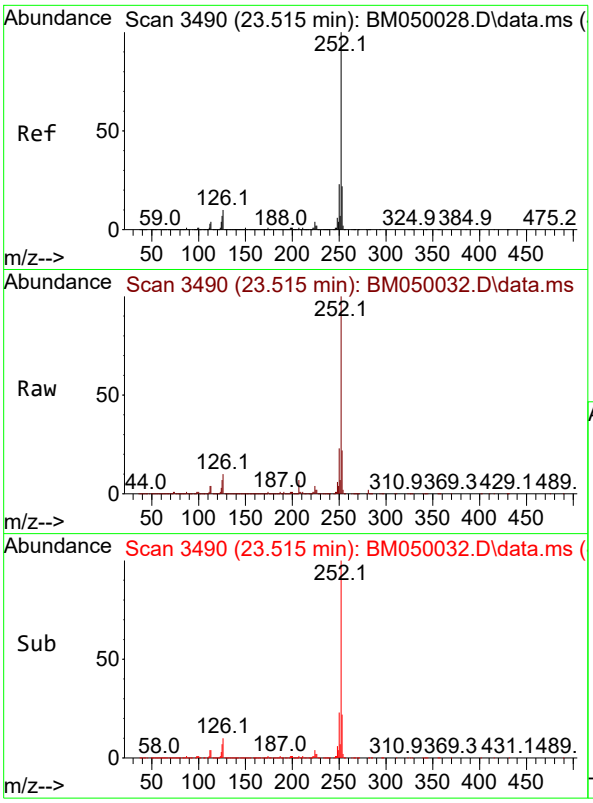


#88
Benzo(b)fluoranthene
Concen: 45.066 ng
RT: 23.450 min Scan# 3479
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:252 Resp: 3711451

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	7.2	6.1	9.1

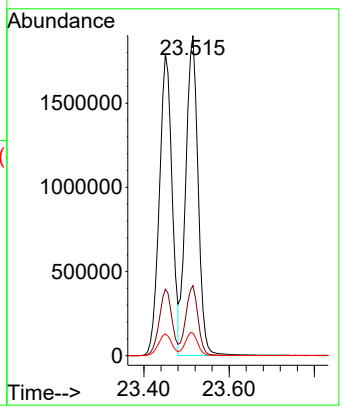




#89
Benzo(k)fluoranthene
Concen: 45.780 ng
RT: 23.515 min Scan# 34
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:252 Resp: 381373

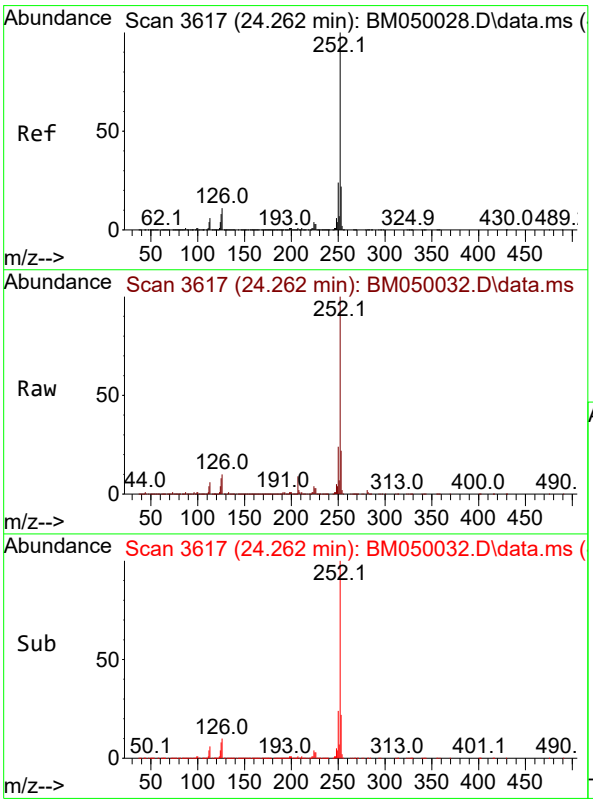
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	7.1	5.8	8.8



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations APPROVED

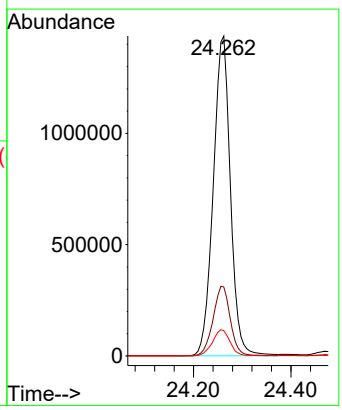
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

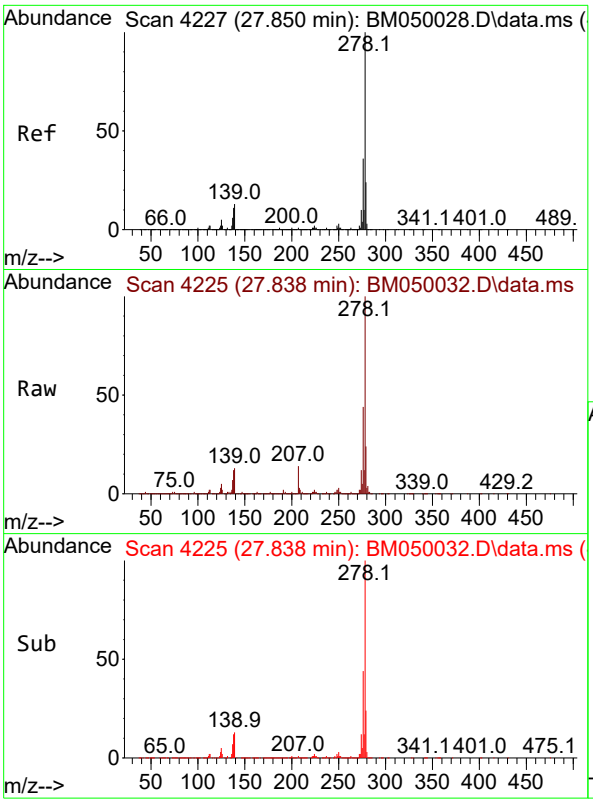


#90
Benzo(a)pyrene
Concen: 45.577 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:252 Resp: 3515582

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	7.9	6.6	9.8

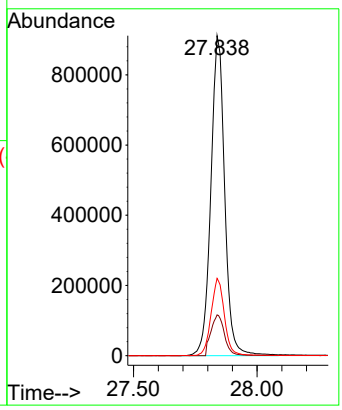




#91
Dibenzo(a,h)anthracene
Concen: 46.091 ng
RT: 27.838 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:278 Resp: 354529

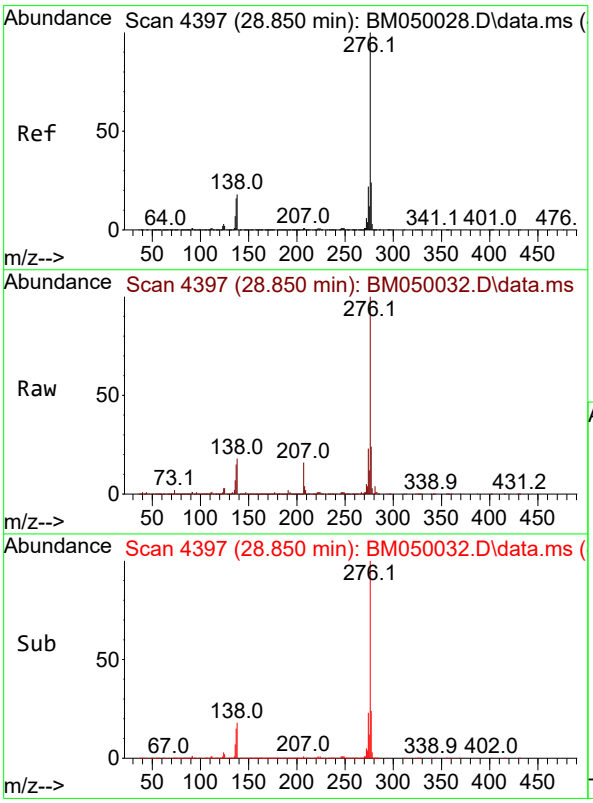
Ion	Ratio	Lower	Upper
278	100		
139	12.7	10.5	15.7
279	24.1	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

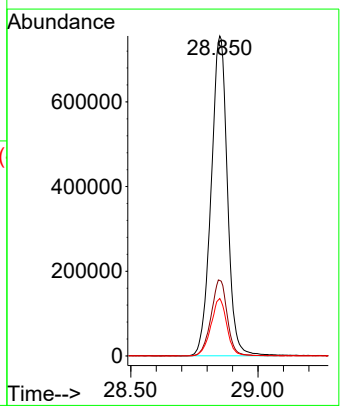
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#92
Benzo(g,h,i)perylene
Concen: 45.437 ng
RT: 28.850 min Scan# 4397
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:276 Resp: 3345997

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	17.9	14.3	21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
2		1,4-Dioxane	0.490	0.551	-12.4	103	0.00
3		Pyridine	1.258	1.464	-16.4	105	0.00
4		n-Nitrosodimethylamine	0.493	0.567	-15.0	104	0.00
5	S	2-Fluorophenol	1.142	1.255	-9.9	99	0.00
6		Aniline	1.813	2.118	-16.8	104	0.00
7	S	Phenol-d6	1.436	1.617	-12.6	100	0.00
8		2-Chlorophenol	1.235	1.412	-14.3	103	0.00
9		Benzaldehyde	0.961	1.055	-9.8	98	0.00
10	C	Phenol	1.453	1.704	-17.3	106	0.00
11		bis(2-Chloroethyl)ether	1.213	1.381	-13.8	103	0.00
12		1,3-Dichlorobenzene	1.492	1.666	-11.7	102	0.00
13	C	1,4-Dichlorobenzene	1.499	1.684	-12.3	103	0.00
14		1,2-Dichlorobenzene	1.448	1.635	-12.9	103	0.00
15		Benzyl Alcohol	0.996	1.199	-20.4	106	0.00
16		2,2'-oxybis(1-Chloropropane	1.475	1.657	-12.3	102	0.00
17		2-Methylphenol	0.957	1.129	-18.0	104	0.00
18		Hexachloroethane	0.533	0.596	-11.8	102	0.00
19	P	n-Nitroso-di-n-propylamine	0.921	1.102	-19.7	105	0.00
20		3+4-Methylphenols	1.293	1.551	-20.0	106	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	99	0.00
22		Acetophenone	0.497	0.561	-12.9	104	0.00
23	S	Nitrobenzene-d5	0.406	0.395	2.7	90	0.00
24		Nitrobenzene	0.351	0.396	-12.8	104	0.00
25		Isophorone	0.692	0.789	-14.0	107	0.00
26	C	2-Nitrophenol	0.179	0.211	-17.9	106	0.00
27		2,4-Dimethylphenol	0.297	0.345	-16.2	105	0.00
28		bis(2-Chloroethoxy)methane	0.428	0.480	-12.1	104	0.00
29	C	2,4-Dichlorophenol	0.333	0.386	-15.9	105	0.00
30		1,2,4-Trichlorobenzene	0.406	0.450	-10.8	104	0.00
31		Naphthalene	1.013	1.131	-11.6	105	0.00
32		Benzoic acid	0.190	0.219	-15.3	109	0.00
33		4-Chloroaniline	0.415	0.492	-18.6	110	0.00
34	C	Hexachlorobutadiene	0.258	0.284	-10.1	103	0.00
35		Caprolactam	0.097	0.113	-16.5	107	0.00
36	C	4-Chloro-3-methylphenol	0.308	0.360	-16.9	109	0.00
37		2-Methylnaphthalene	0.679	0.770	-13.4	107	0.00
38		1-Methylnaphthalene	0.719	0.812	-12.9	106	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	102	0.00
40		1,2,4,5-Tetrachlorobenzene	0.692	0.764	-10.4	105	0.00
41	P	Hexachlorocyclopentadiene	0.423	0.469	-10.9	106	0.00
42	S	2,4,6-Tribromophenol	0.296	0.335	-13.2	108	0.00
43	C	2,4,6-Trichlorophenol	0.439	0.506	-15.3	109	0.00
44		2,4,5-Trichlorophenol	0.474	0.548	-15.6	108	0.00
45	S	2-Fluorobiphenyl	1.691	1.612	4.7	91	0.00
46		1,1'-Biphenyl	1.487	1.643	-10.5	107	0.00
47		2-Chloronaphthalene	1.177	1.315	-11.7	108	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.276	0.329	-19.2	112	0.00
49		Acenaphthylene	1.857	2.103	-13.2	109	0.00
50		Dimethylphthalate	1.462	1.657	-13.3	111	0.00
51		2,6-Dinitrotoluene	0.303	0.360	-18.8	113	0.00
52	C	Acenaphthene	1.075	1.215	-13.0	110	0.00
53		3-Nitroaniline	0.289	0.353	-22.1	113	0.00
54	P	2,4-Dinitrophenol	0.164	0.206	-25.6#	119	0.00
55		Dibenzofuran	1.788	2.004	-12.1	109	0.00
56	P	4-Nitrophenol	0.205	0.258	-25.9#	118	0.00
57		2,4-Dinitrotoluene	0.418	0.505	-20.8	113	0.00
58		Fluorene	1.463	1.687	-15.3	111	0.00
59		2,3,4,6-Tetrachlorophenol	0.410	0.481	-17.3	113	0.00
60		Diethylphthalate	1.377	1.560	-13.3	111	0.00
61		4-Chlorophenyl-phenylether	0.804	0.923	-14.8	110	0.00
62		4-Nitroaniline	0.279	0.353	-26.5#	115	0.00
63		Azobenzene	1.154	1.320	-14.4	111	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	108	0.00
65		4,6-Dinitro-2-methylphenol	0.125	0.147	-17.6	117	0.00
66	c	n-Nitrosodiphenylamine	0.614	0.683	-11.2	112	0.00
67		4-Bromophenyl-phenylether	0.242	0.266	-9.9	111	0.00
68		Hexachlorobenzene	0.279	0.308	-10.4	113	0.00
69		Atrazine	0.222	0.246	-10.8	112	0.00
70	C	Pentachlorophenol	0.157	0.181	-15.3	117	0.00
71		Phenanthrene	1.128	1.266	-12.2	115	0.00
72		Anthracene	1.142	1.295	-13.4	115	0.00
73		Carbazole	0.991	1.139	-14.9	116	0.00
74		Di-n-butylphthalate	1.180	1.346	-14.1	116	0.00
75	C	Fluoranthene	1.324	1.556	-17.5	119	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	115	0.00
77		Benzidine	0.710	0.785	-10.6	117	0.00
78		Pyrene	1.404	1.552	-10.5	118	0.00
79	S	Terphenyl-d14	1.352	1.334	1.3	101	0.00
80		Butylbenzylphthalate	0.526	0.588	-11.8	121	0.00
81		Benzo(a)anthracene	1.377	1.567	-13.8	122	0.00
82		3,3'-Dichlorobenzidine	0.527	0.578	-9.7	115	0.00
83		Chrysene	1.275	1.433	-12.4	123	0.00
84		Bis(2-ethylhexyl)phthalate	0.786	0.888	-13.0	122	0.00
85	c	Di-n-octyl phthalate	1.296	1.457	-12.4	123	0.00
86	I	Perylene-d12	1.000	1.000	0.0	118	0.00
87		Indeno(1,2,3-cd)pyrene	1.490	1.723	-15.6	127	0.00
88		Benzo(b)fluoranthene	1.301	1.465	-12.6	123	0.00
89		Benzo(k)fluoranthene	1.316	1.506	-14.4	128	0.00
90	C	Benzo(a)pyrene	1.218	1.388	-14.0	127	0.00
91		Dibenzo(a,h)anthracene	1.215	1.400	-15.2	127	-0.01
92		Benzo(g,h,i)perylene	1.163	1.321	-13.6	126	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	95	0.00
2		1,4-Dioxane	40.000	44.976	-12.4	103	0.00
3		Pyridine	40.000	46.534	-16.3	105	0.00
4		n-Nitrosodimethylamine	40.000	45.956	-14.9	104	0.00
5	S	2-Fluorophenol	80.000	87.928	-9.9	99	0.00
6		Aniline	40.000	46.744	-16.9	104	0.00
7	S	Phenol-d6	80.000	90.140	-12.7	100	0.00
8		2-Chlorophenol	40.000	45.724	-14.3	103	0.00
9		Benzaldehyde	40.000	43.937	-9.8	98	0.00
10	C	Phenol	40.000	46.913	-17.3	106	0.00
11		bis(2-Chloroethyl)ether	40.000	45.521	-13.8	103	0.00
12		1,3-Dichlorobenzene	40.000	44.672	-11.7	102	0.00
13	C	1,4-Dichlorobenzene	40.000	44.941	-12.4	103	0.00
14		1,2-Dichlorobenzene	40.000	45.174	-12.9	103	0.00
15		Benzyl Alcohol	40.000	48.167	-20.4	106	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	44.929	-12.3	102	0.00
17		2-Methylphenol	40.000	47.153	-17.9	104	0.00
18		Hexachloroethane	40.000	44.738	-11.8	102	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	47.892	-19.7	105	0.00
20		3+4-Methylphenols	40.000	47.974	-19.9	106	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	99	0.00
22		Acetophenone	40.000	45.153	-12.9	104	0.00
23	S	Nitrobenzene-d5	80.000	77.798	2.8	90	0.00
24		Nitrobenzene	40.000	45.104	-12.8	104	0.00
25		Isophorone	40.000	45.596	-14.0	107	0.00
26	C	2-Nitrophenol	40.000	47.087	-17.7	106	0.00
27		2,4-Dimethylphenol	40.000	46.404	-16.0	105	0.00
28		bis(2-Chloroethoxy)methane	40.000	44.920	-12.3	104	0.00
29	C	2,4-Dichlorophenol	40.000	46.375	-15.9	105	0.00
30		1,2,4-Trichlorobenzene	40.000	44.348	-10.9	104	0.00
31		Naphthalene	40.000	44.651	-11.6	105	0.00
32		Benzoic acid	40.000	46.063	-15.2	109	0.00
33		4-Chloroaniline	40.000	47.375	-18.4	110	0.00
34	C	Hexachlorobutadiene	40.000	44.034	-10.1	103	0.00
35		Caprolactam	40.000	46.481	-16.2	107	0.00
36	C	4-Chloro-3-methylphenol	40.000	46.825	-17.1	109	0.00
37		2-Methylnaphthalene	40.000	45.374	-13.4	107	0.00
38		1-Methylnaphthalene	40.000	45.198	-13.0	106	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	102	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	44.140	-10.4	105	0.00
41	P	Hexachlorocyclopentadiene	40.000	44.374	-10.9	106	0.00
42	S	2,4,6-Tribromophenol	80.000	90.503	-13.1	108	0.00
43	C	2,4,6-Trichlorophenol	40.000	46.094	-15.2	109	0.00
44		2,4,5-Trichlorophenol	40.000	46.271	-15.7	108	0.00
45	S	2-Fluorobiphenyl	80.000	76.259	4.7	91	0.00
46		1,1'-Biphenyl	40.000	44.207	-10.5	107	0.00
47		2-Chloronaphthalene	40.000	44.684	-11.7	108	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	47.621	-19.1	112	0.00
49		Acenaphthylene	40.000	45.315	-13.3	109	0.00
50		Dimethylphthalate	40.000	45.338	-13.3	111	0.00
51		2,6-Dinitrotoluene	40.000	47.554	-18.9	113	0.00
52	C	Acenaphthene	40.000	45.210	-13.0	110	0.00
53		3-Nitroaniline	40.000	48.843	-22.1	113	0.00
54	P	2,4-Dinitrophenol	40.000	45.189	-13.0	119	0.00
55		Dibenzofuran	40.000	44.828	-12.1	109	0.00
56	P	4-Nitrophenol	40.000	46.012	-15.0	118	0.00
57		2,4-Dinitrotoluene	40.000	48.311	-20.8	113	0.00
58		Fluorene	40.000	46.115	-15.3	111	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	46.970	-17.4	113	0.00
60		Diethylphthalate	40.000	45.299	-13.2	111	0.00
61		4-Chlorophenyl-phenylether	40.000	45.950	-14.9	110	0.00
62		4-Nitroaniline	40.000	50.610	-26.5#	115	0.00
63		Azobenzene	40.000	45.747	-14.4	111	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	108	0.00
65		4,6-Dinitro-2-methylphenol	40.000	46.920	-17.3	117	0.00
66	c	n-Nitrosodiphenylamine	40.000	44.485	-11.2	112	0.00
67		4-Bromophenyl-phenylether	40.000	43.944	-9.9	111	0.00
68		Hexachlorobenzene	40.000	44.174	-10.4	113	0.00
69		Atrazine	40.000	44.483	-11.2	112	0.00
70	C	Pentachlorophenol	40.000	46.059	-15.1	117	0.00
71		Phenanthrene	40.000	44.895	-12.2	115	0.00
72		Anthracene	40.000	45.381	-13.5	115	0.00
73		Carbazole	40.000	46.001	-15.0	116	0.00
74		Di-n-butylphthalate	40.000	45.654	-14.1	116	0.00
75	C	Fluoranthene	40.000	46.998	-17.5	119	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	115	0.00
77		Benzidine	40.000	44.204	-10.5	117	0.00
78		Pyrene	40.000	44.209	-10.5	118	0.00
79	S	Terphenyl-d14	80.000	78.970	1.3	101	0.00
80		Butylbenzylphthalate	40.000	44.718	-11.8	121	0.00
81		Benzo(a)anthracene	40.000	45.497	-13.7	122	0.00
82		3,3'-Dichlorobenzidine	40.000	43.871	-9.7	115	0.00
83		Chrysene	40.000	44.967	-12.4	123	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	45.224	-13.1	122	0.00
85	c	Di-n-octyl phthalate	40.000	44.974	-12.4	123	0.00
86	I	Perylene-d12	20.000	20.000	0.0	118	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	46.249	-15.6	127	0.00
88		Benzo(b)fluoranthene	40.000	45.066	-12.7	123	0.00
89		Benzo(k)fluoranthene	40.000	45.780	-14.5	128	0.00
90	C	Benzo(a)pyrene	40.000	45.577	-13.9	127	0.00
91		Dibenzo(a,h)anthracene	40.000	46.091	-15.2	127	-0.01
92		Benzo(g,h,i)perylene	40.000	45.437	-13.6	126	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Apr 15 04:48:42 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP024275.D 5 =BP024276.D 10 =BP024277.D 20 =BP024278.D 40 =BP024279.D 50 =BP024280.D 60 =BP024281.D 80 =BP0242
82.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.551	0.517	0.552	0.512	0.481	0.490	0.477	0.512	6.10
3)		Pyridine		1.265	1.280	1.422	1.396	1.333	1.383	1.378	1.351	4.43
4)		n-Nitrosodimet...		0.424	0.443	0.469	0.457	0.442	0.460	0.444	0.448	3.29
5)	S	2-Fluorophenol		1.123	1.145	1.262	1.254	1.210	1.277	1.196	1.210	4.93
6)		Aniline		1.439	1.487	1.636	1.587	1.403	1.428	1.380	1.480	6.52
7)	S	Phenol-d6		1.463	1.552	1.718	1.748	1.697	1.769	1.647	1.656	6.75
8)		2-Chlorophenol		1.260	1.297	1.412	1.399	1.359	1.400	1.328	1.350	4.30
9)		Benzaldehyde		0.943	0.934	0.942	0.836	0.732	0.726	0.621	0.819	15.70
10)	C	Phenol		1.475	1.565	1.720	1.750	1.698	1.779	1.643	1.661	6.54
11)		bis(2-Chloroet...		1.278	1.317	1.399	1.398	1.321	1.358	1.300	1.339	3.56
12)		1,3-Dichlorobe...		1.464	1.486	1.534	1.486	1.402	1.433	1.373	1.454	3.79
13)	C	1,4-Dichlorobe...		1.496	1.489	1.550	1.494	1.436	1.463	1.399	1.475	3.28
14)		1,2-Dichlorobe...		1.472	1.441	1.502	1.445	1.362	1.411	1.339	1.424	4.10
15)		Benzyl Alcohol		0.857	0.935	1.106	1.158	1.142	1.178	1.122	1.071	11.58
16)		2,2'-oxybis(1-...		1.452	1.496	1.517	1.514	1.405	1.397	1.348	1.447	4.54
17)		2-Methylphenol		0.915	1.002	1.123	1.140	1.105	1.150	1.087	1.075	7.97
18)		Hexachloroethane		0.532	0.537	0.558	0.542	0.521	0.533	0.510	0.533	2.88
19)	P	n-Nitroso-di-n...	0.941	1.008	1.008	1.088	1.084	1.041	1.038	0.989	1.025	4.76
20)		3+4-Methylphenols		1.224	1.365	1.560	1.592	1.567	1.607	1.525	1.491	9.57
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.470	0.487	0.522	0.519	0.490	0.495	0.483	0.495	3.85
23)	S	Nitrobenzene-d5		0.322	0.337	0.367	0.368	0.357	0.356	0.347	0.351	4.76
24)		Nitrobenzene		0.328	0.334	0.362	0.364	0.349	0.353	0.340	0.347	3.96
25)		Isophorone		0.575	0.601	0.653	0.673	0.650	0.654	0.639	0.635	5.41
26)	C	2-Nitrophenol		0.130	0.143	0.172	0.183	0.184	0.191	0.186	0.170	13.97
27)		2,4-Dimethylph...		0.180	0.194	0.219	0.226	0.225	0.228	0.221	0.213	8.81
28)		bis(2-Chloroet...		0.412	0.426	0.444	0.452	0.430	0.425	0.412	0.429	3.51
29)	C	2,4-Dichloroph...		0.242	0.268	0.297	0.308	0.307	0.311	0.302	0.291	8.94
30)		1,2,4-Trichlor...		0.308	0.305	0.318	0.321	0.309	0.315	0.306	0.311	2.00
31)		Naphthalene		1.044	1.054	1.091	1.079	1.037	1.048	1.023	1.054	2.27
32)		Benzoic acid			0.185	0.226	0.242	0.270	0.285	0.282	0.248	15.56
33)		4-Chloroaniline		0.328	0.349	0.389	0.397	0.378	0.379	0.378	0.371	6.46
34)	C	Hexachlorobuta...		0.181	0.181	0.186	0.189	0.181	0.182	0.182	0.183	1.62
35)		Caprolactam		0.085	0.092	0.111	0.112	0.115	0.121	0.115	0.107	12.53
36)	C	4-Chloro-3-met...		0.284	0.310	0.349	0.357	0.356	0.363	0.351	0.339	8.82
37)		2-Methylnaphth...		0.700	0.720	0.755	0.755	0.733	0.740	0.712	0.731	2.89
38)		1-Methylnaphth...		0.700	0.714	0.737	0.731	0.712	0.718	0.691	0.715	2.25

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP041425.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.522	0.538	0.568	0.576	0.544	0.549	0.552	0.550	3.33
41)	P	Hexachlorocycl...	0.162	0.185	0.197	0.218	0.199	0.197	0.204	0.195	8.92
42)	S	2,4,6-Tribromo...	0.235	0.256	0.278	0.289	0.289	0.296	0.294	0.277	8.29
43)	C	2,4,6-Trichlor...	0.301	0.335	0.369	0.389	0.386	0.390	0.390	0.366	9.51
44)		2,4,5-Trichlor...	0.332	0.371	0.409	0.427	0.429	0.436	0.430	0.405	9.62
45)	S	2-Fluorobiphenyl	1.332	1.334	1.359	1.366	1.263	1.251	1.240	1.306	4.08
46)		1,1'-Biphenyl	1.454	1.489	1.528	1.529	1.434	1.428	1.429	1.470	3.07
47)		2-Chloronaphth...	1.063	1.100	1.135	1.139	1.085	1.090	1.078	1.099	2.60
48)		2-Nitroaniline	0.250	0.270	0.317	0.330	0.324	0.335	0.331	0.308	10.98
49)		Acenaphthylene	1.604	1.680	1.793	1.814	1.726	1.763	1.730	1.730	4.11
50)		Dimethylphthalate	1.429	1.416	1.495	1.495	1.460	1.460	1.426	1.454	2.22
51)		2,6-Dinitrotol...	0.264	0.290	0.319	0.325	0.319	0.328	0.317	0.309	7.58
52)	C	Acenaphthene	1.087	1.087	1.141	1.126	1.081	1.079	1.076	1.097	2.35
53)		3-Nitroaniline	0.250	0.289	0.338	0.354	0.342	0.340	0.358	0.325	12.25
54)	P	2,4-Dinitrophenol		0.125	0.163	0.186	0.196	0.210	0.211	0.182	18.22
55)		Dibenzofuran	1.801	1.807	1.871	1.833	1.746	1.768	1.723	1.793	2.84
56)	P	4-Nitrophenol	0.190	0.231	0.289	0.305	0.306	0.323	0.317	0.280	17.90
57)		2,4-Dinitrotol...	0.334	0.368	0.439	0.448	0.442	0.463	0.456	0.421	11.82
58)		Fluorene	1.376	1.397	1.454	1.398	1.368	1.366	1.356	1.388	2.40
59)		2,3,4,6-Tetrac...	0.327	0.351	0.380	0.389	0.387	0.390	0.389	0.373	6.57
60)		Diethylphthalate	1.451	1.484	1.528	1.550	1.499	1.499	1.481	1.499	2.16
61)		4-Chlorophenyl...	0.667	0.675	0.699	0.680	0.667	0.670	0.659	0.674	1.95
62)		4-Nitroaniline	0.263	0.300	0.353	0.369	0.364	0.380	0.376	0.344	12.99
63)		Azobenzene	1.269	1.383	1.446	1.431	1.385	1.385	1.344	1.378	4.26
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.095	0.118	0.131	0.134	0.140	0.138	0.126	13.50
66)	c	n-Nitrosodiphe...	0.567	0.585	0.616	0.630	0.591	0.608	0.580	0.597	3.71
67)		4-Bromophenyl-...	0.203	0.212	0.220	0.230	0.220	0.225	0.222	0.219	4.11
68)		Hexachlorobenzene	0.247	0.247	0.260	0.271	0.261	0.269	0.263	0.260	3.67
69)		Atrazine	0.176	0.167	0.134	0.121	0.162			0.152	15.57
70)	C	Pentachlorophenol	0.143	0.155	0.175	0.196	0.197	0.203	0.201	0.181	13.35
71)		Phenanthrene	1.098	1.086	1.117	1.127	1.070	1.082	1.058	1.091	2.27
72)		Anthracene	0.995	1.017	1.084	1.111	1.053	1.071	1.030	1.052	3.85
73)		Carbazole	0.968	0.998	1.060	1.084	1.014	1.037	1.031	1.027	3.78
74)		Di-n-butylphth...	1.147	1.230	1.253	1.398	1.310	1.338	1.284	1.280	6.30
75)	C	Fluoranthene	1.289	1.274	1.316	1.347	1.280	1.304	1.274	1.298	2.07
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.144	0.141	0.109	0.436	0.333	0.302	0.307	0.254	48.39
78)		Pyrene	1.192	1.236	1.345	1.305	1.294	1.305	1.219	1.271	4.38
79)	S	Terphenyl-d14	0.967	0.998	1.055	1.032	1.005	0.964	0.926	0.992	4.42
80)		Butylbenzylpht...	0.434	0.488	0.546	0.596	0.580	0.593	0.574	0.544	11.25
81)		Benzo(a)anthra...	1.195	1.214	1.292	1.293	1.234	1.253	1.221	1.243	3.08
82)		3,3'-Dichlorob...	0.345	0.383	0.431	0.486	0.463	0.485	0.460	0.436	12.30
83)		Chrysene	1.180	1.181	1.229	1.213	1.173	1.193	1.167	1.191	1.88
84)		Bis(2-ethylhex...	0.639	0.735	0.779	0.893	0.853	0.867	0.819	0.798	11.09
85)	c	Di-n-octyl pht...	0.945	1.093	1.222	1.461	1.430	1.486	1.446	1.297	16.46

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP041425.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.252	1.304	1.407	1.444	1.401	1.445	1.466	1.388	5.77
88)		Benzo(b)fluora...	1.130	1.174	1.217	1.258	1.196	1.205	1.212	1.199	3.30
89)		Benzo(k)fluora...	1.088	1.131	1.217	1.212	1.154	1.166	1.138	1.158	3.94
90)	C	Benzo(a)pyrene	0.939	0.971	1.057	1.091	1.053	1.070	1.058	1.034	5.44
91)		Dibenzo(a,h)an...	1.046	1.089	1.172	1.203	1.169	1.186	1.202	1.152	5.28
92)		Benzo(g,h,i)pe...	1.073	1.110	1.198	1.218	1.180	1.209	1.224	1.173	4.99

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024275.D
Acq On : 14 Apr 2025 11:06
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 14 17:26:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	229109	20.000	ng	0.00
21) Naphthalene-d8	10.505	136	962244	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	614109	20.000	ng	0.00
64) Phenanthrene-d10	17.181	188	1238206	20.000	ng	0.02
76) Chrysene-d12	21.616	240	1367665	20.000	ng	0.00
86) Perylene-d12	24.980	264	1473609	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.528	70	26959	2.285	ng	96

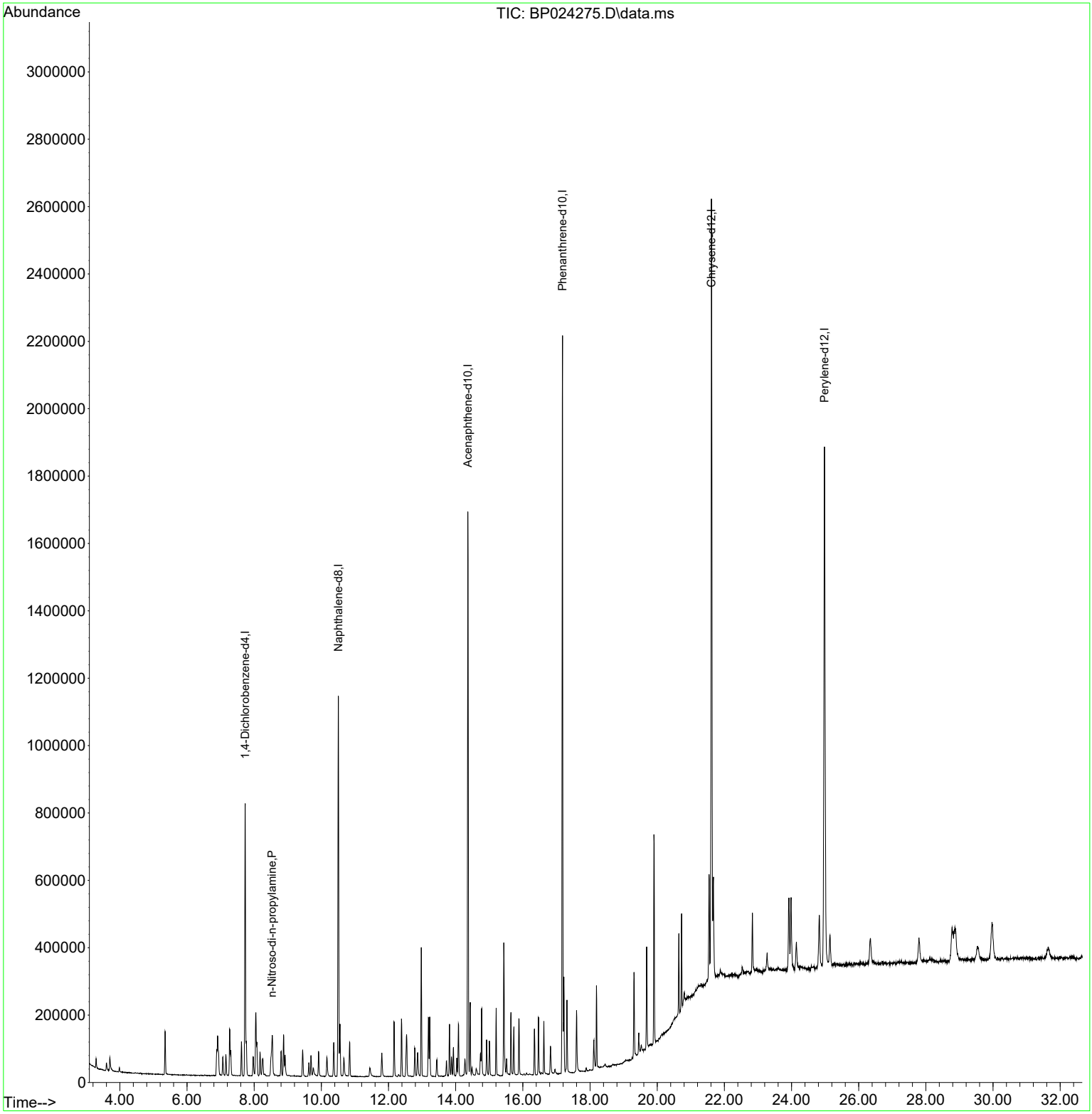
(#) = qualifier out of range (m) = manual integration (+) = signals summed

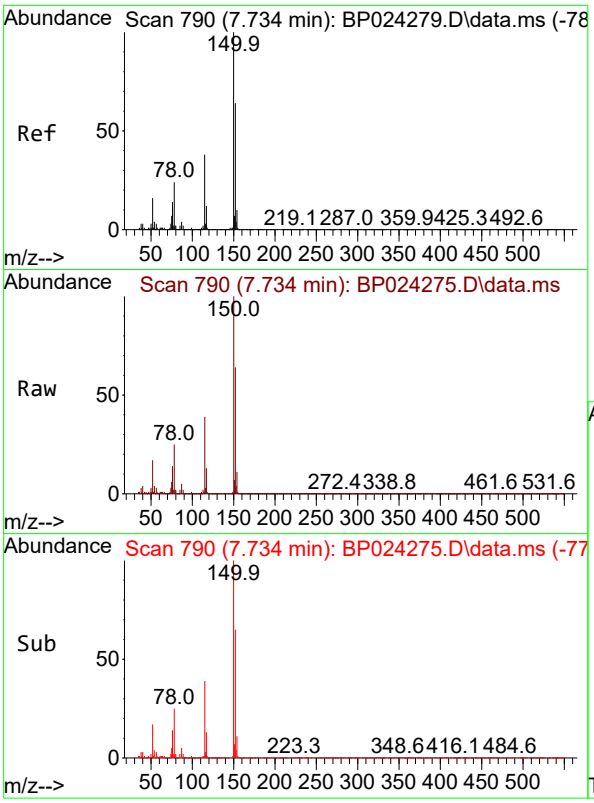
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024275.D
Acq On : 14 Apr 2025 11:06
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 14 17:26:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration



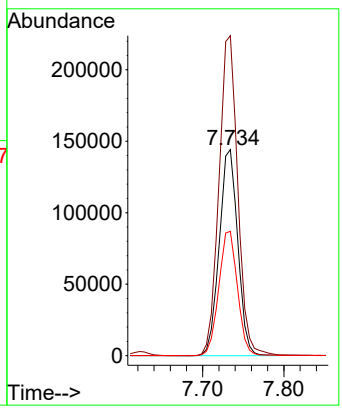


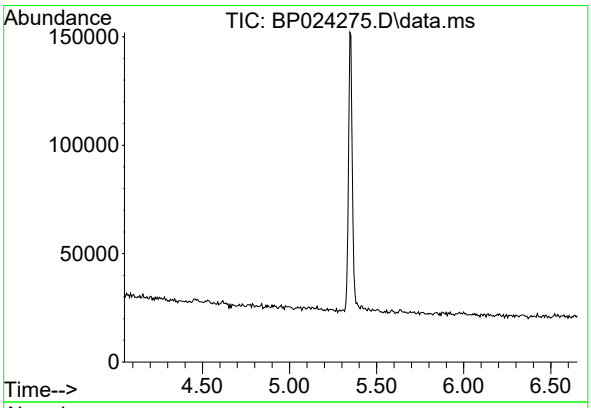
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 229109

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.9	187.3
115	60.4	47.7	71.5



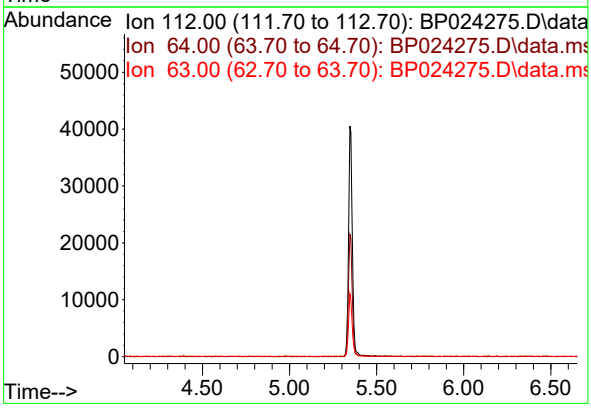


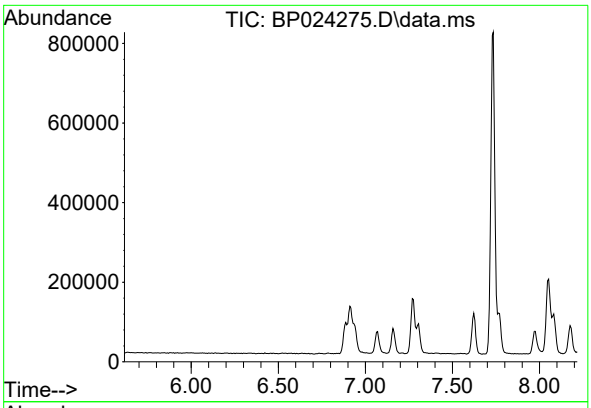
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.35 min

Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	51.4
63	25.7





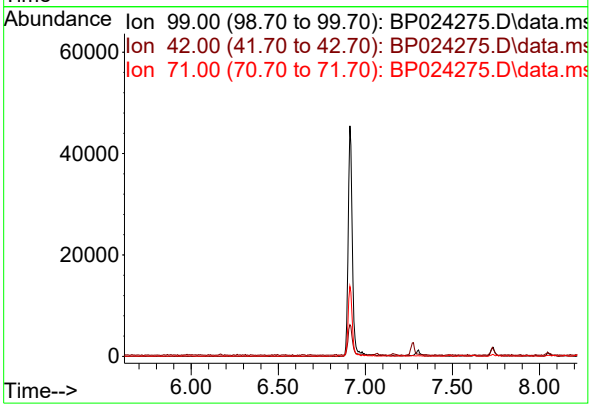
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.92 min

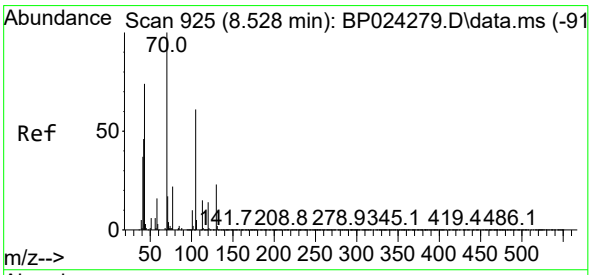
Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

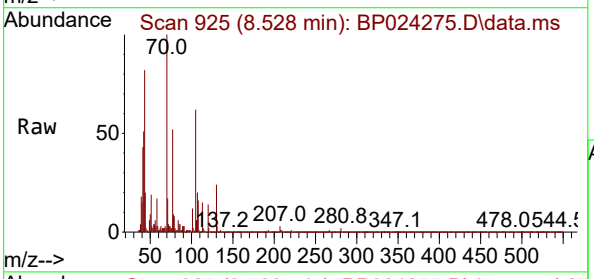
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

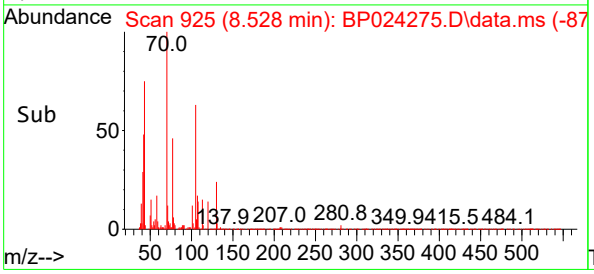
Tgt Ion: 99

Sig	Exp Ratio
99	100
42	13.3
71	29.6





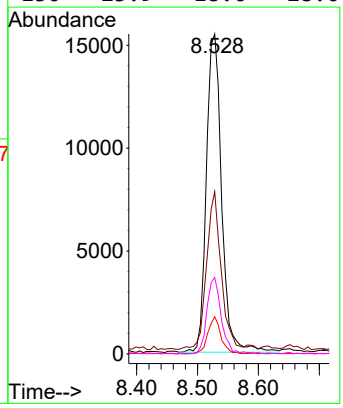


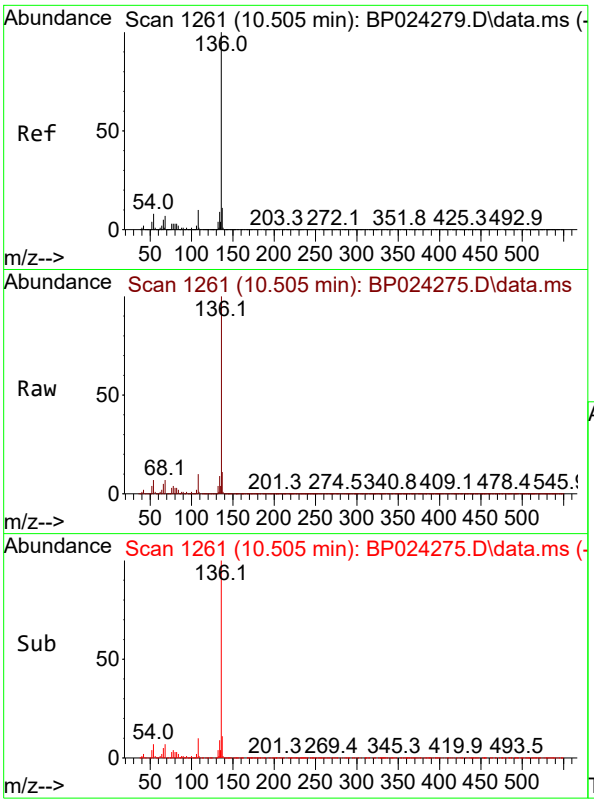


#19
n-Nitroso-di-n-propylamine
Concen: 2.285 ng
RT: 8.528 min Scan# 925
Delta R.T. 0.000 min
Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 70 Resp: 26959

Ion	Ratio	Lower	Upper
70	100		
42	50.7	37.3	55.9
101	11.7	8.2	12.4
130	23.9	18.6	28.0



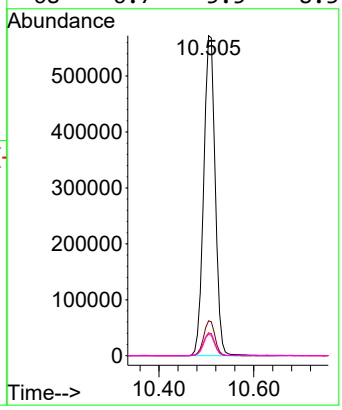


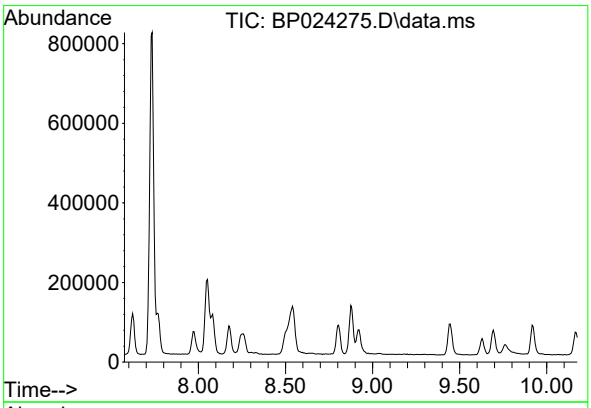
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 962244

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.2	6.0	9.0
68	6.7	5.5	8.3



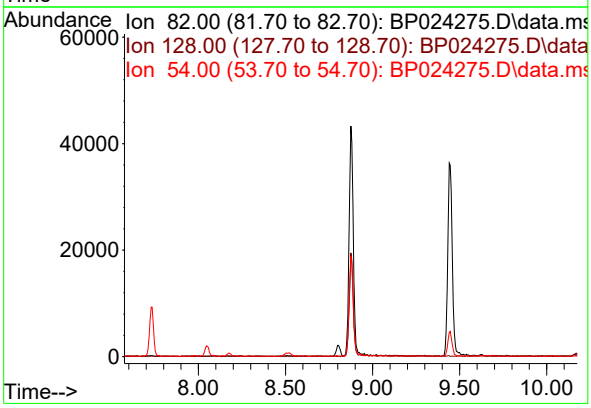


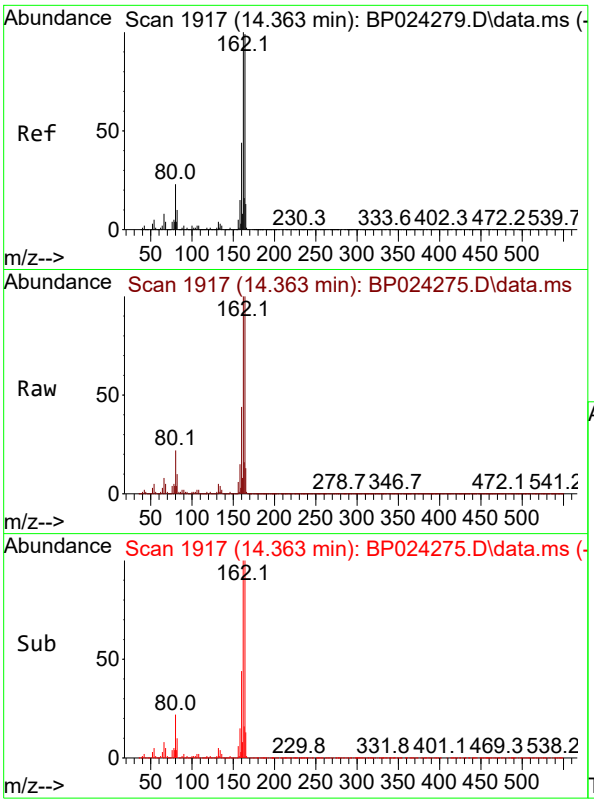
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.88 min

Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	45.6
54	41.8



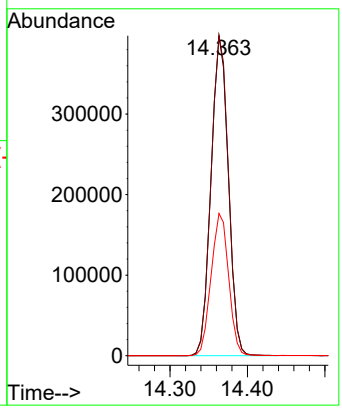


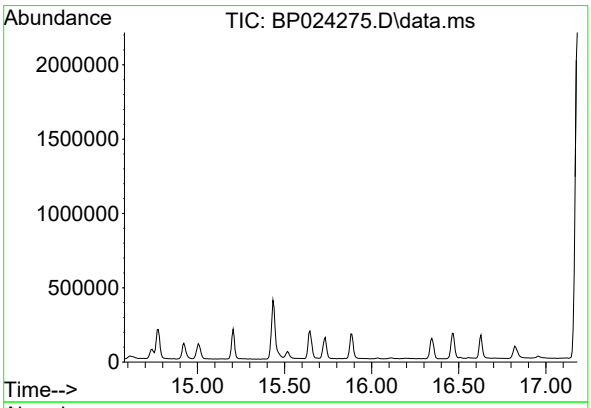
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 614109

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	120.8
160	44.5	35.3	52.9



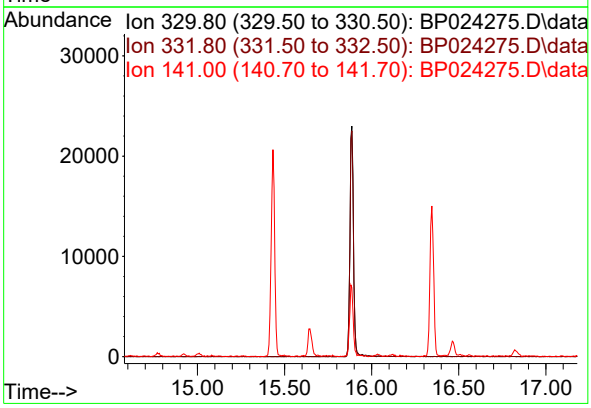


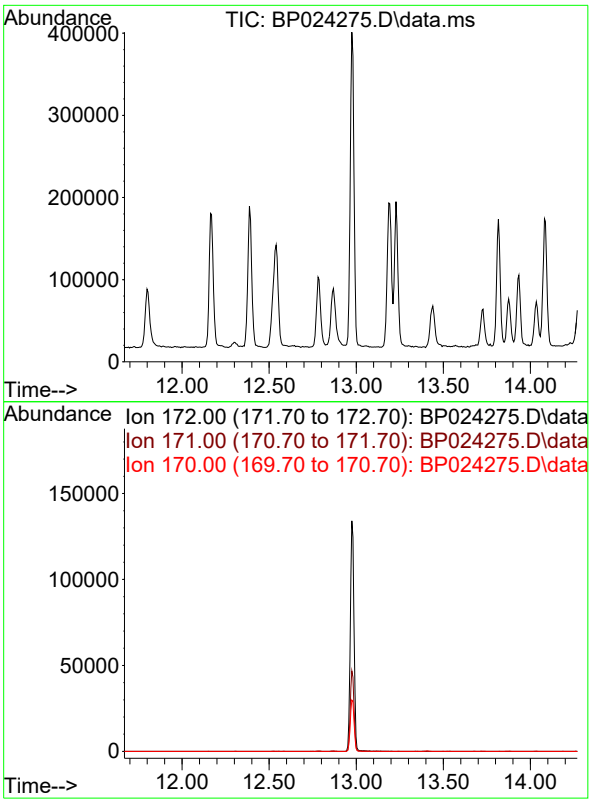
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.88 min

Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.4
141	30.9





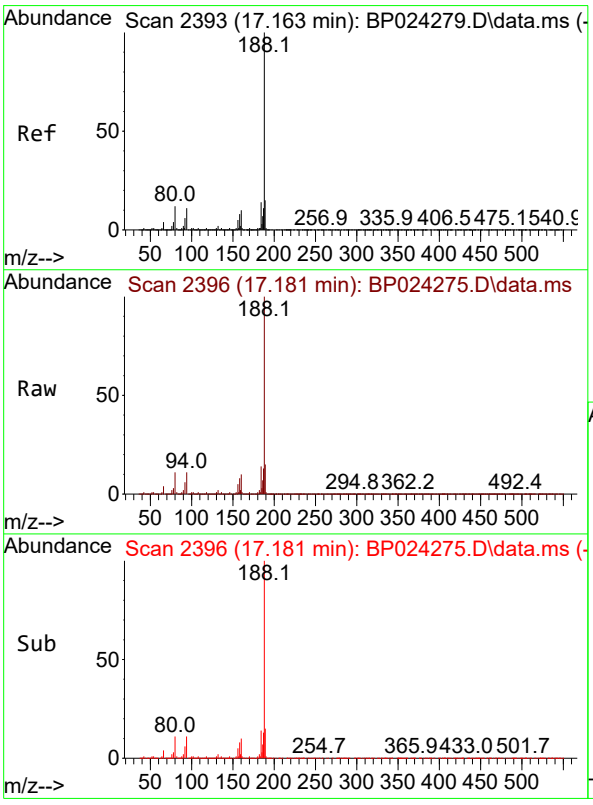
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.97 min

Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

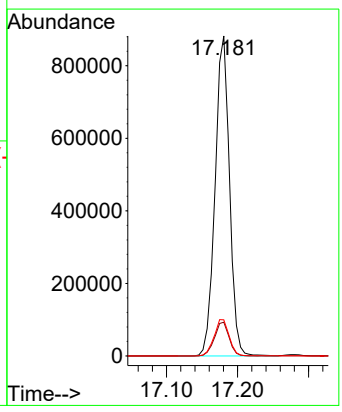
Sig	Exp Ratio
172	100
171	35.2
170	23.2

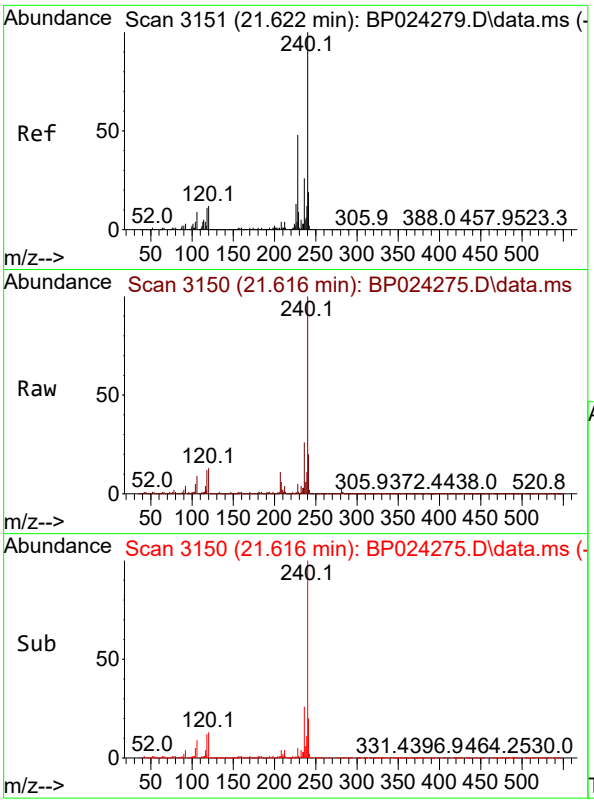


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 2396
Delta R.T. 0.018 min
Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Tgt Ion:188 Resp: 1238206

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.6	13.0
80	11.3	9.8	14.6



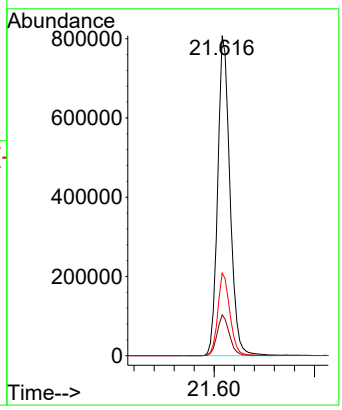


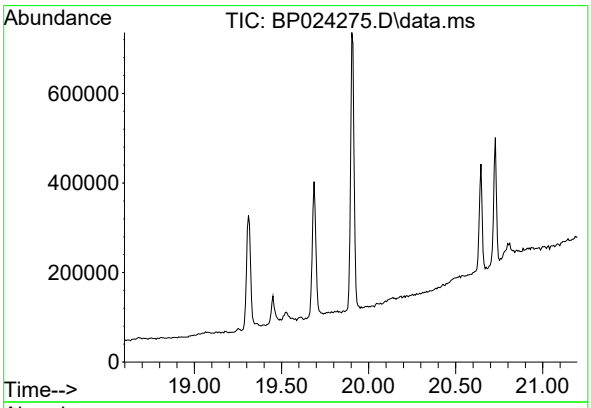
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.616 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 1367665

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.8	14.8
236	25.9	20.9	31.3



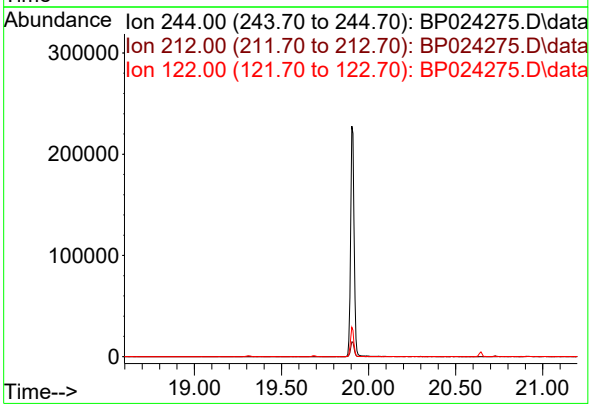


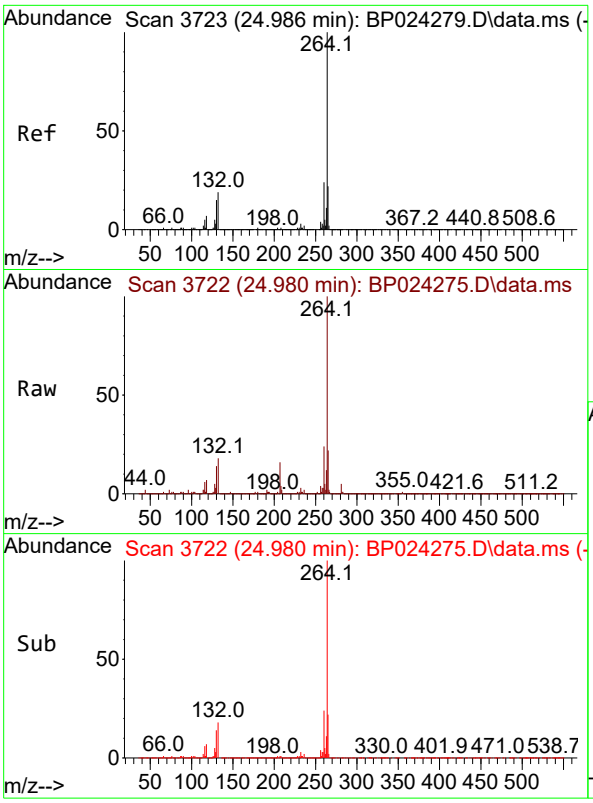
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.90 min

Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.0
122	11.7



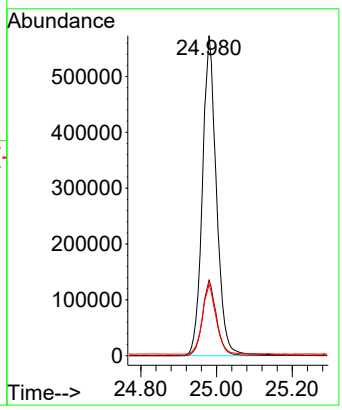


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.980 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 1473609

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.3	17.8	26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024276.D
Acq On : 14 Apr 2025 11:47
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Apr 14 17:26:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.734	152	223010	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	946483	20.000	ng		0.00
39) Acenaphthene-d10	14.369	164	609743	20.000	ng		0.00
64) Phenanthrene-d10	17.163	188	1234074	20.000	ng		0.00
76) Chrysene-d12	21.610	240	1401979	20.000	ng		-0.01
86) Perylene-d12	24.968	264	1519057	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	125173	9.263	ng		0.00
7) Phenol-d6	6.916	99	163122	8.824	ng		0.00
23) Nitrobenzene-d5	8.875	82	152286	9.160	ng		0.00
42) 2,4,6-Tribromophenol	15.875	330	71560	8.571	ng		0.00
45) 2-Fluorobiphenyl	12.975	172	406060	10.111	ng		0.00
79) Terphenyl-d14	19.886	244	677812	9.638	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	30738	5.328	ng		100
3) Pyridine	3.699	79	70539	4.697	ng		97
4) n-Nitrosodimethylamine	3.599	42	23634	4.720	ng	#	90
6) Aniline	7.069	93	80239	4.808	ng		99
8) 2-Chlorophenol	7.305	128	70239	4.651	ng		98
9) Benzaldehyde	6.887	77	52595m	5.493	ng		
10) Phenol	6.940	94	82245	4.431	ng		97
11) bis(2-Chloroethyl)ether	7.163	93	71228	4.749	ng		97
12) 1,3-Dichlorobenzene	7.622	146	81600	4.987	ng		98
13) 1,4-Dichlorobenzene	7.769	146	83408	5.027	ng		99
14) 1,2-Dichlorobenzene	8.081	146	82066	5.115	ng		98
15) Benzyl Alcohol	7.975	79	47777	4.032	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.258	45	80975	4.962	ng		97
17) 2-Methylphenol	8.175	107	51039	4.267	ng		99
18) Hexachloroethane	8.805	117	29643	4.950	ng		99
19) n-Nitroso-di-n-propyla...	8.528	70	56212	4.896	ng		96
20) 3+4-Methylphenols	8.505	107	68264	4.120	ng		99
22) Acetophenone	8.546	105	111159	4.725	ng		99
24) Nitrobenzene	8.922	77	77593	4.709	ng		96
25) Isophorone	9.446	82	136090	4.534	ng		99
26) 2-Nitrophenol	9.628	139	30712	3.882	ng		99
27) 2,4-Dimethylphenol	9.693	122	42510	4.239	ng		94
28) bis(2-Chloroethoxy)met...	9.922	93	97512	4.774	ng		98
29) 2,4-Dichlorophenol	10.169	162	57301	4.193	ng		97
30) 1,2,4-Trichlorobenzene	10.369	180	72789	4.923	ng		98
31) Naphthalene	10.557	128	246999	4.930	ng		99
33) 4-Chloroaniline	10.669	127	77667	4.437	ng		98
34) Hexachlorobutadiene	10.846	225	42723	4.926	ng		99
35) Caprolactam	11.446	113	20082	4.002	ng		94
36) 4-Chloro-3-methylphenol	11.804	107	67116	4.214	ng		100
37) 2-Methylnaphthalene	12.169	142	165617	4.770	ng		99
38) 1-Methylnaphthalene	12.399	142	165656	4.870	ng		99
40) 1,2,4,5-Tetrachloroben...	12.540	216	79501	4.744	ng		100
41) Hexachlorocyclopentadiene	12.528	237	24696	4.198	ng		96
43) 2,4,6-Trichlorophenol	12.787	196	45925	4.165	ng		95
44) 2,4,5-Trichlorophenol	12.863	196	50675	4.147	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024276.D
Acq On : 14 Apr 2025 11:47
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Apr 14 17:26:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

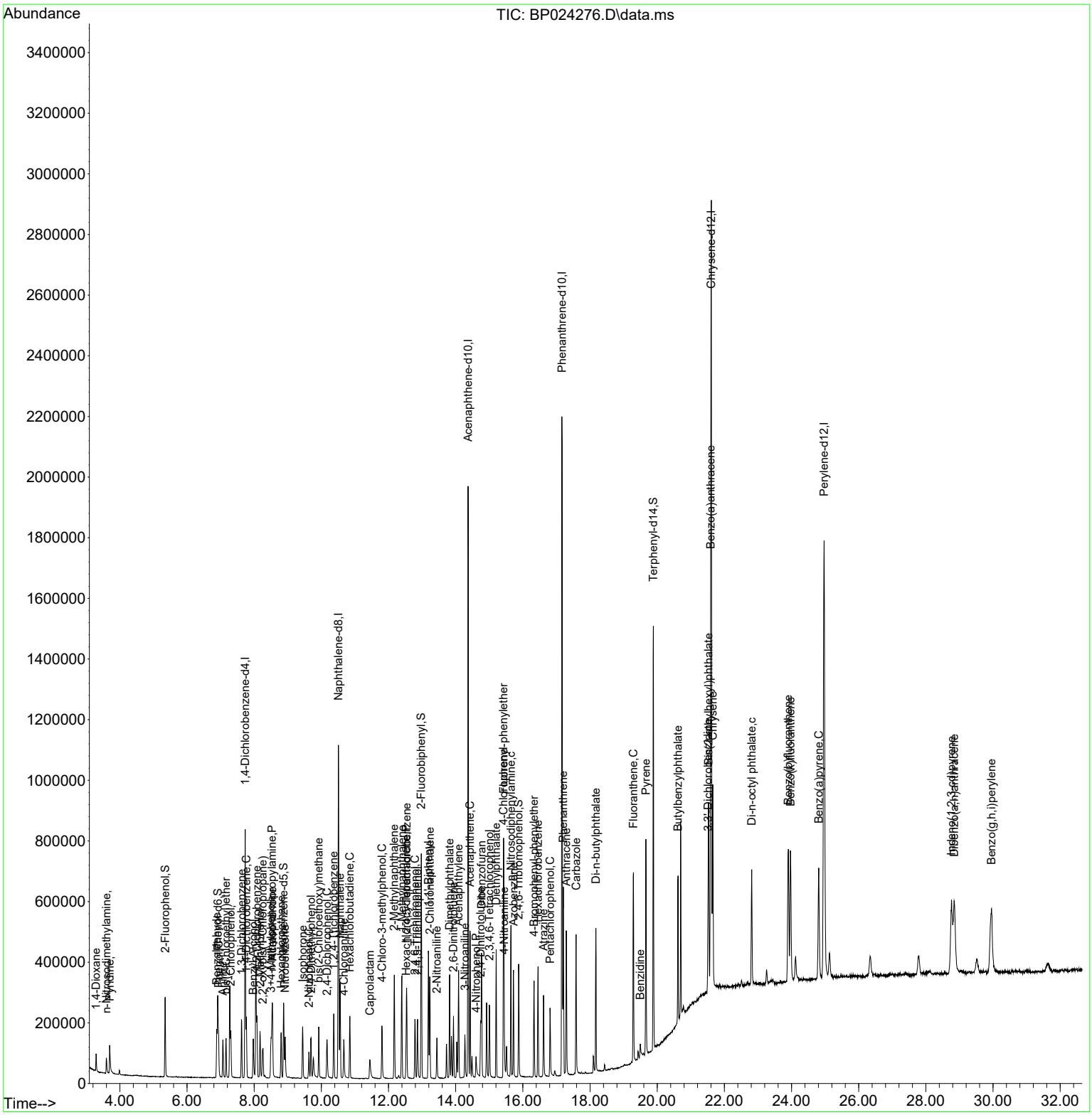
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.187	154	221653	4.922	ng		99
47) 2-Chloronaphthalene	13.234	162	162099	4.824	ng		99
48) 2-Nitroaniline	13.440	65	38152	4.111	ng		90
49) Acenaphthylene	14.087	152	244566	4.637	ng		99
50) Dimethylphthalate	13.822	163	217848	4.897	ng		100
51) 2,6-Dinitrotoluene	13.934	165	40182	4.287	ng		94
52) Acenaphthene	14.428	154	165694	4.940	ng		97
53) 3-Nitroaniline	14.275	138	38178	3.926	ng	#	94
55) Dibenzofuran	14.769	168	274506	4.991	ng		99
56) 4-Nitrophenol	14.610	139	29033	3.473	ng		98
57) 2,4-Dinitrotoluene	14.745	165	50843	4.013	ng		97
58) Fluorene	15.428	166	209763	4.939	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.004	232	49911	4.415	ng		98
60) Diethylphthalate	15.204	149	221119	4.830	ng		99
61) 4-Chlorophenyl-phenyle...	15.422	204	101636	4.928	ng		99
62) 4-Nitroaniline	15.445	138	40139	3.893	ng		96
63) Azobenzene	15.722	77	193402	4.586	ng		99
66) n-Nitrosodiphenylamine	15.645	169	174867	4.726	ng		99
67) 4-Bromophenyl-phenylether	16.334	248	62558	4.647	ng		97
68) Hexachlorobenzene	16.451	284	76267	4.766	ng		96
69) Atrazine	16.616	200	54439	5.803	ng		98
70) Pentachlorophenol	16.810	266	44119	4.015	ng		98
71) Phenanthrene	17.204	178	338611	5.005	ng		100
72) Anthracene	17.292	178	307065	4.716	ng		99
73) Carbazole	17.586	167	298495	4.711	ng		100
74) Di-n-butylphthalate	18.175	149	354008	4.484	ng		100
75) Fluoranthene	19.292	202	397601	4.951	ng		99
77) Benzidine	19.498	184	50615m	2.925	ng		
78) Pyrene	19.663	202	417746	4.657	ng		99
80) Butylbenzylphthalate	20.622	149	152196	4.024	ng		99
81) Benzo(a)anthracene	21.592	228	418745	4.791	ng		100
82) 3,3'-Dichlorobenzidine	21.516	252	121047	3.994	ng		99
83) Chrysene	21.657	228	413570	4.937	ng		99
84) Bis(2-ethylhexyl)phtha...	21.533	149	223960	4.021	ng		98
85) Di-n-octyl phthalate	22.816	149	331185	3.712	ng		99
87) Indeno(1,2,3-cd)pyrene	28.762	276	475578	4.552	ng	#	92
88) Benzo(b)fluoranthene	23.904	252	429214	4.723	ng		99
89) Benzo(k)fluoranthene	23.968	252	413302	4.686	ng		99
90) Benzo(a)pyrene	24.810	252	356658	4.559	ng		98
91) Dibenzo(a,h)anthracene	28.845	278	397247	4.571	ng		100
92) Benzo(g,h,i)perylene	29.951	276	407522	4.607	ng		99

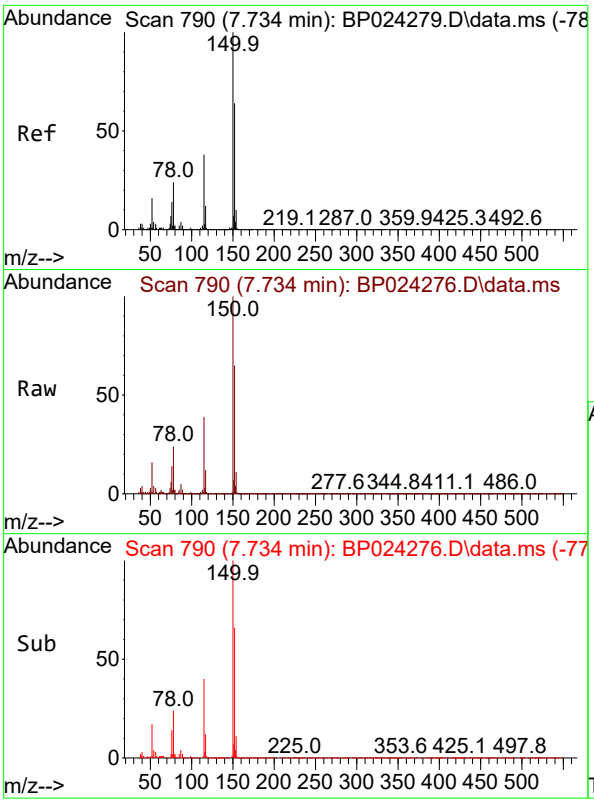
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024276.D
Acq On : 14 Apr 2025 11:47
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Apr 14 17:26:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration



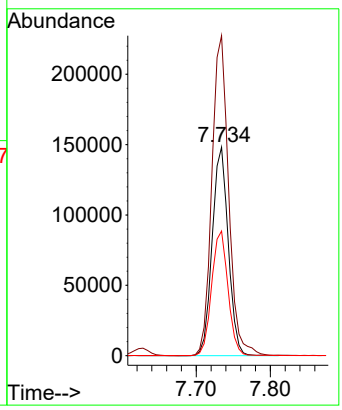


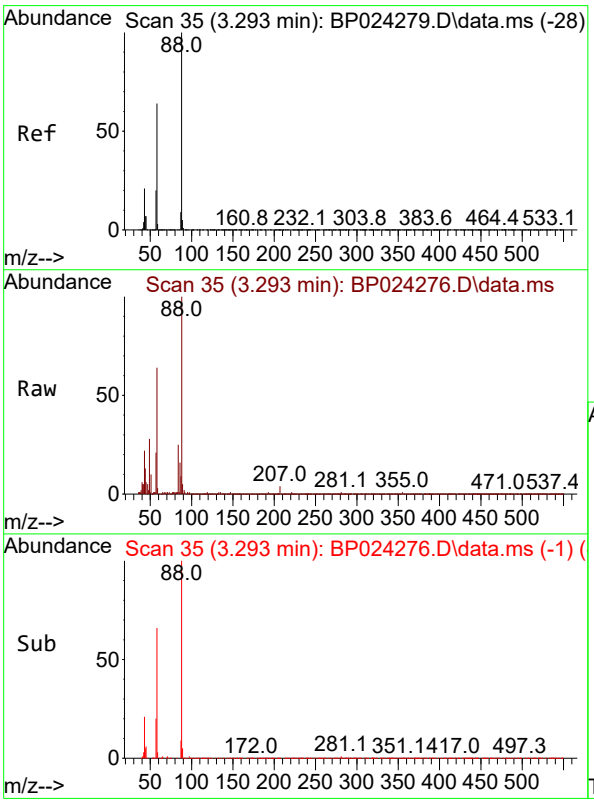
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 223010

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.9	187.3
115	59.8	47.7	71.5

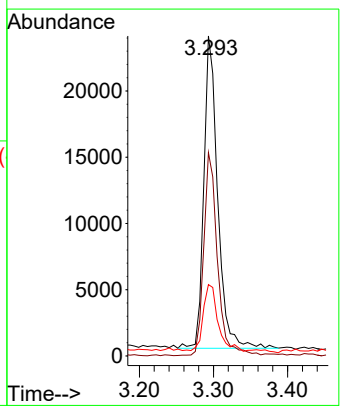


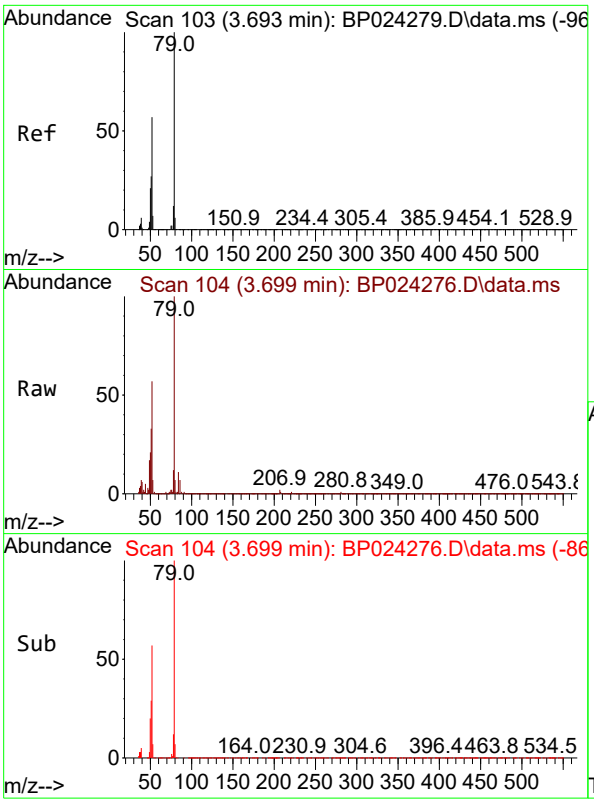


#2
1,4-Dioxane
Concen: 5.328 ng
RT: 3.293 min Scan# 35
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion: 88 Resp: 30738

Ion	Ratio	Lower	Upper
88	100		
58	64.3	51.4	77.2
43	22.3	17.1	25.7



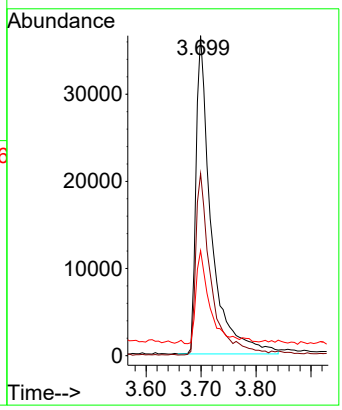


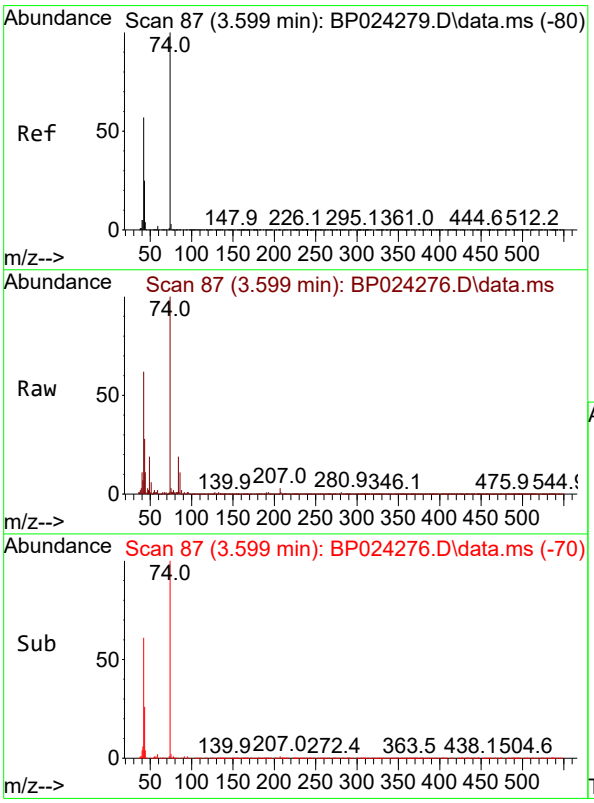
#3
Pyridine
Concen: 4.697 ng
RT: 3.699 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 70539

Ion	Ratio	Lower	Upper
79	100		
52	56.9	45.4	68.2
51	32.8	22.6	33.8

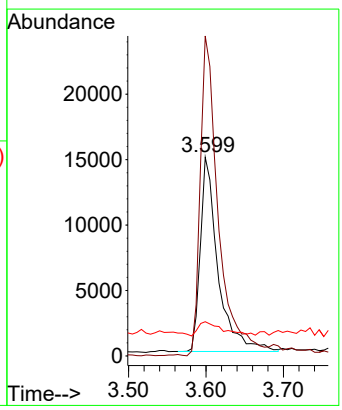


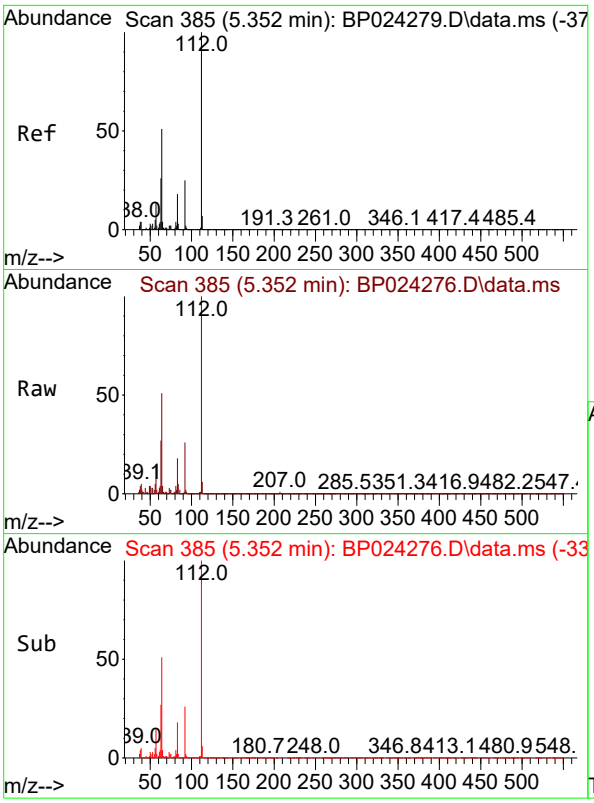


#4
n-Nitrosodimethylamine
Concen: 4.720 ng
RT: 3.599 min Scan# 87
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion: 42 Resp: 23634

Ion	Ratio	Lower	Upper
42	100		
74	161.0	139.5	209.3
44	17.2	5.8	8.8#



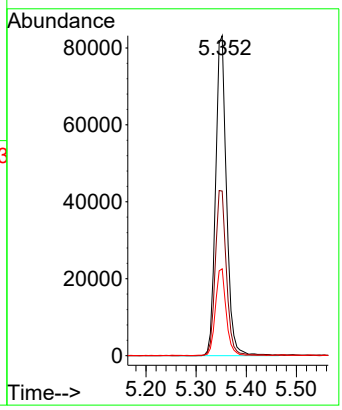


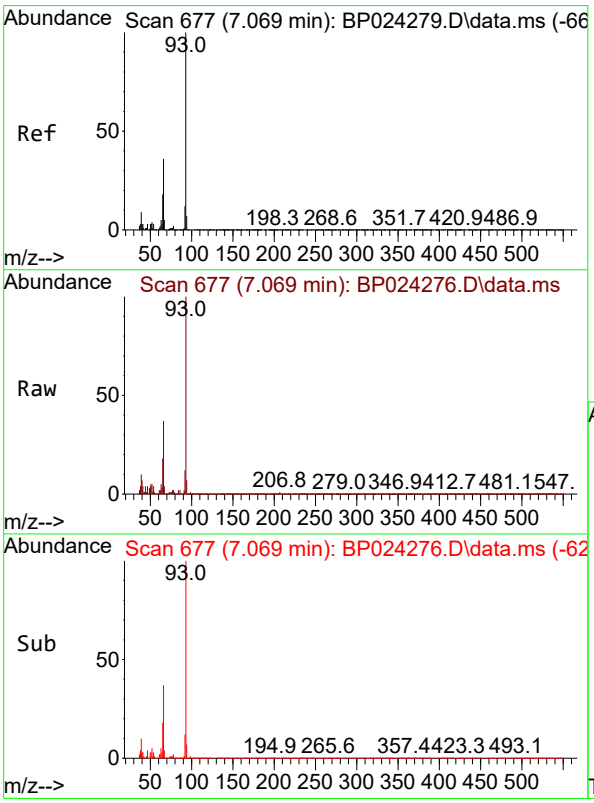
#5
2-Fluorophenol
Concen: 9.263 ng
RT: 5.352 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:112 Resp: 125173

Ion	Ratio	Lower	Upper
112	100		
64	51.4	41.1	61.7
63	27.1	20.6	30.8

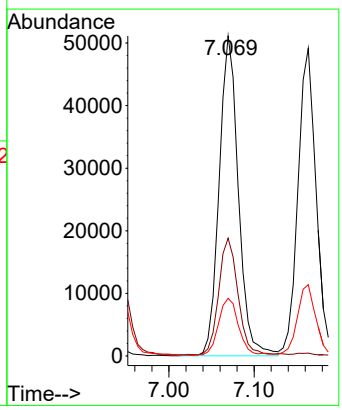


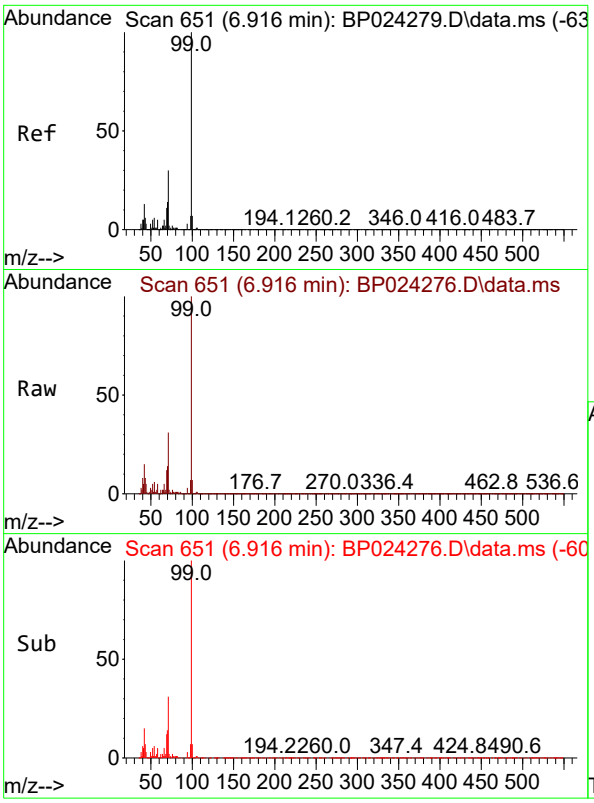


#6
Aniline
Concen: 4.808 ng
RT: 7.069 min Scan# 677
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion: 93 Resp: 80239

Ion	Ratio	Lower	Upper
93	100		
66	36.8	29.1	43.7
65	18.0	14.7	22.1



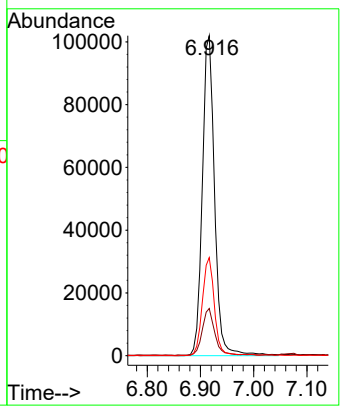


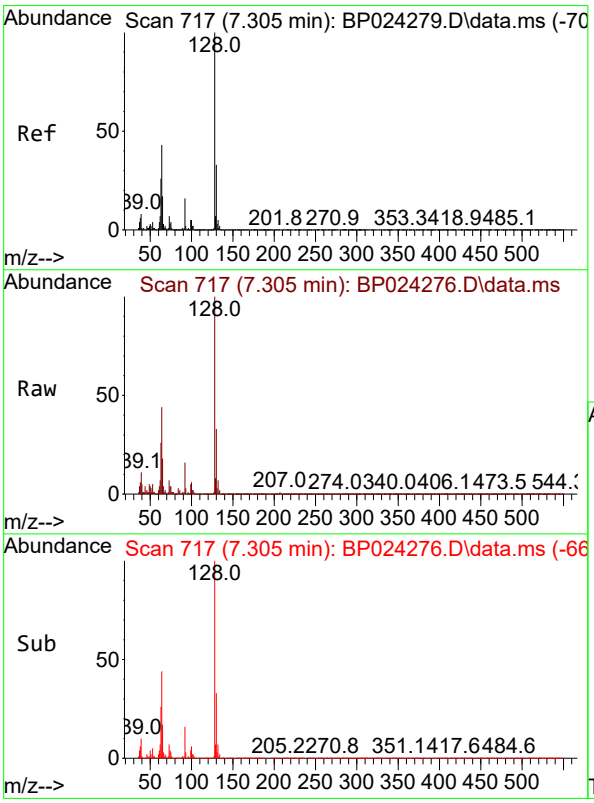
#7
Phenol-d6
Concen: 8.824 ng
RT: 6.916 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 163122

Ion	Ratio	Lower	Upper
99	100		
42	14.7	10.6	16.0
71	30.7	23.7	35.5

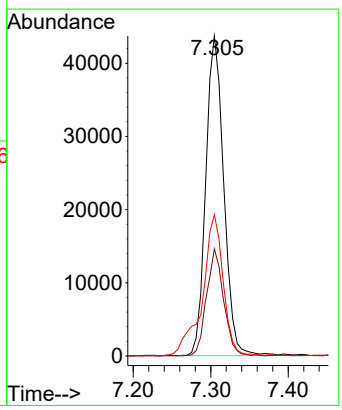


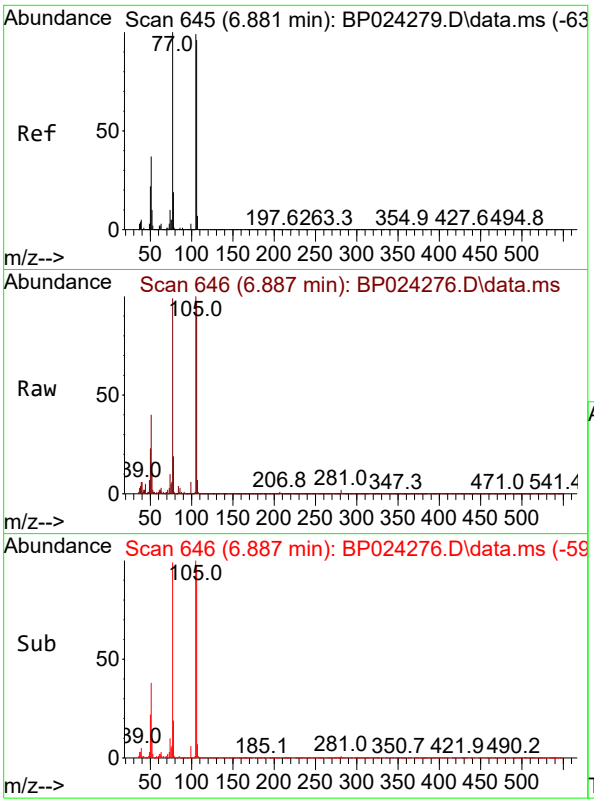


#8
2-Chlorophenol
Concen: 4.651 ng
RT: 7.305 min Scan# 717
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:128 Resp: 70239

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.9	52.9
64	44.2	22.7	62.7



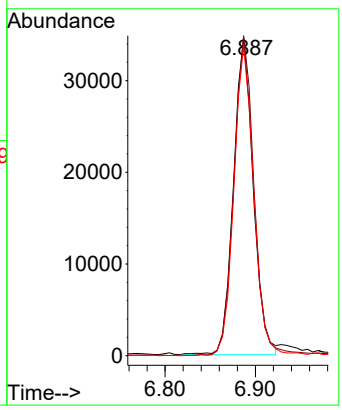


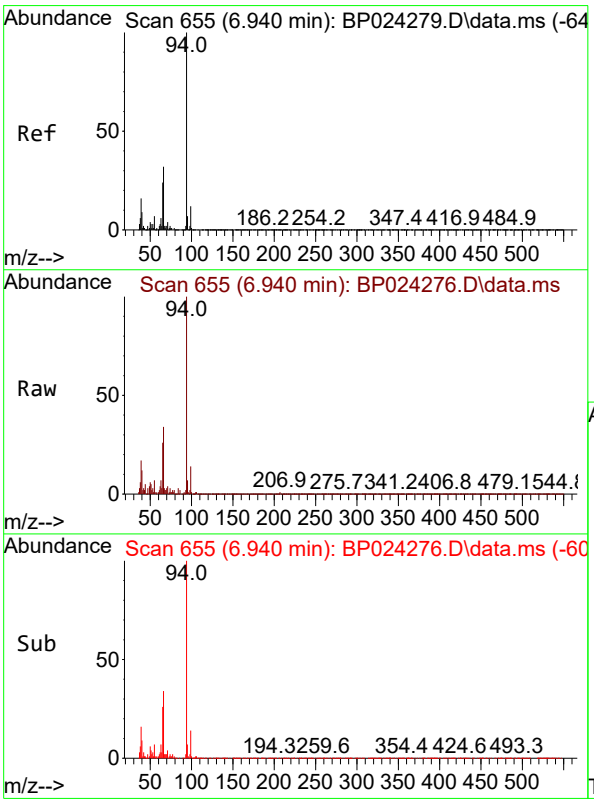
#9
Benzaldehyde
Concen: 5.493 ng m
RT: 6.887 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 52595

Ion	Ratio	Lower	Upper
77	100		
105	100.6	79.2	119.2
106	97.4	76.2	116.2

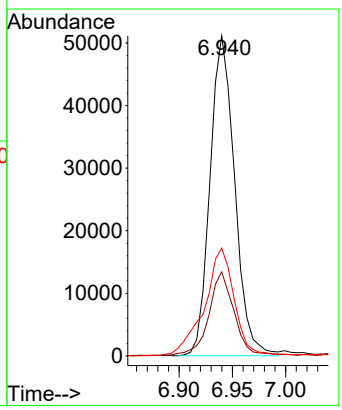


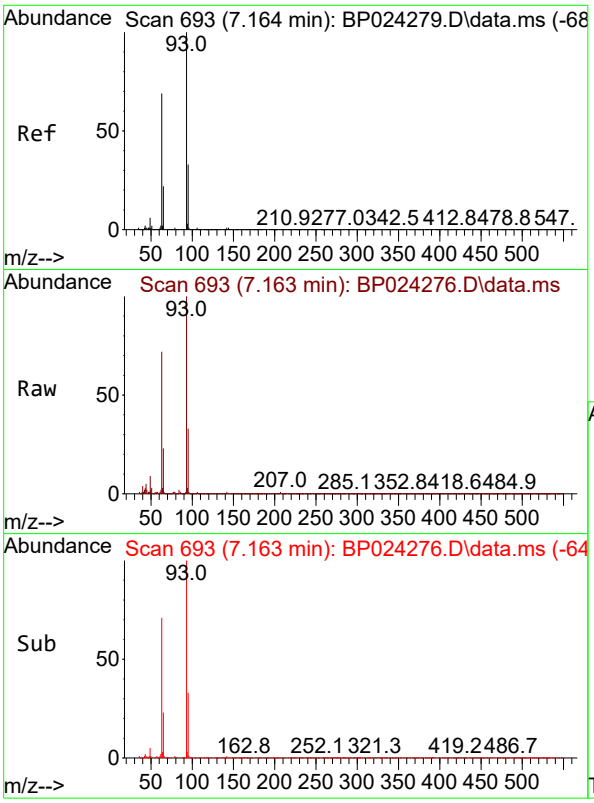


#10
Phenol
Concen: 4.431 ng
RT: 6.940 min Scan# 655
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion: 94 Resp: 82245

Ion	Ratio	Lower	Upper
94	100		
65	26.3	4.5	44.5
66	33.7	12.4	52.4



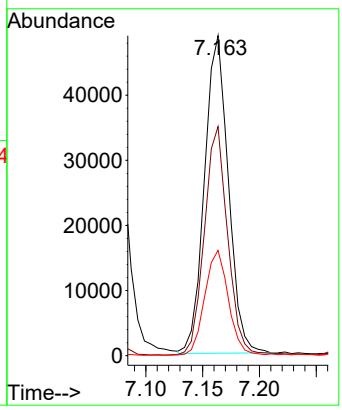


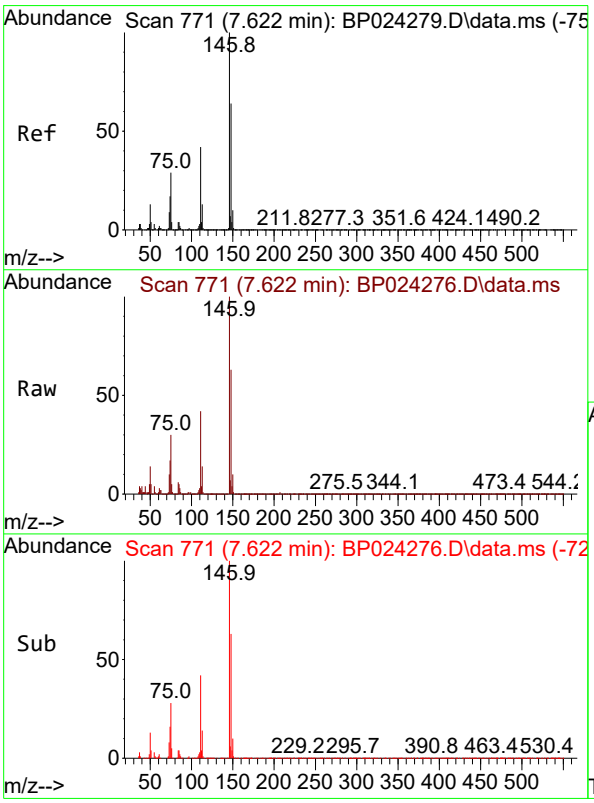
#11
bis(2-Chloroethyl)ether
Concen: 4.749 ng
RT: 7.163 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 71228

Ion	Ratio	Lower	Upper
93	100		
63	71.6	48.6	88.6
95	32.9	12.3	52.3

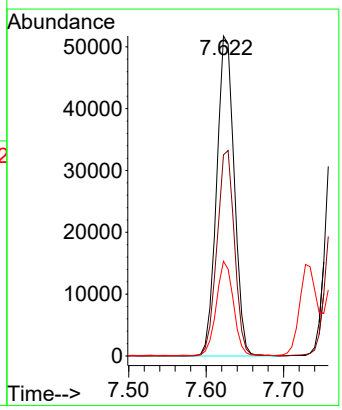


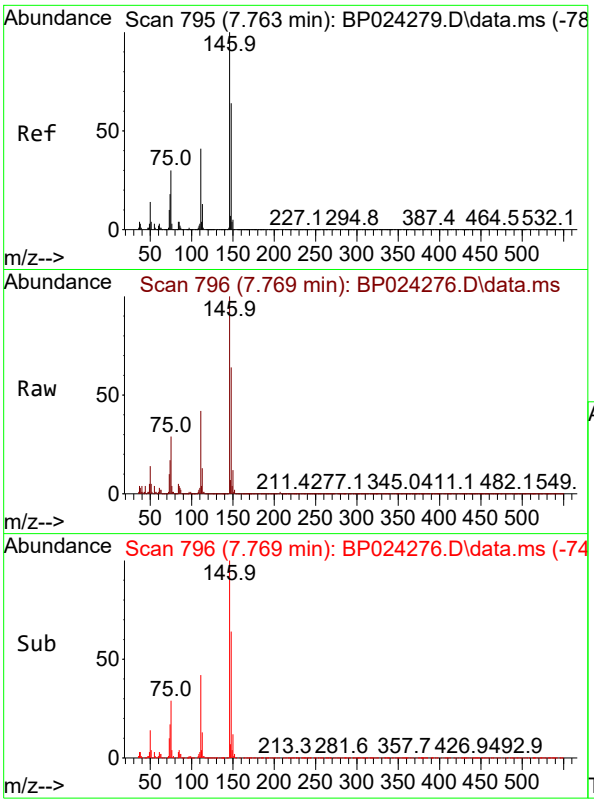


#12
1,3-Dichlorobenzene
Concen: 4.987 ng
RT: 7.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:146 Resp: 81600

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.4	77.0
75	29.6	22.9	34.3



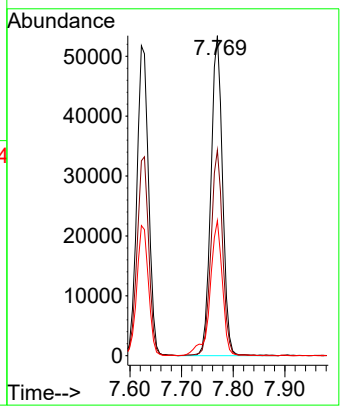


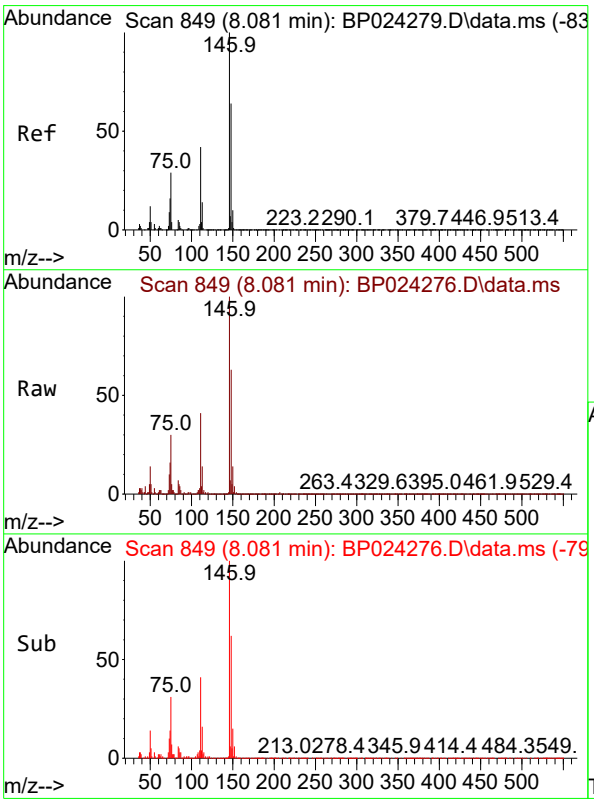
#13
1,4-Dichlorobenzene
Concen: 5.027 ng
RT: 7.769 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 83408

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
111	42.2	32.6	48.8

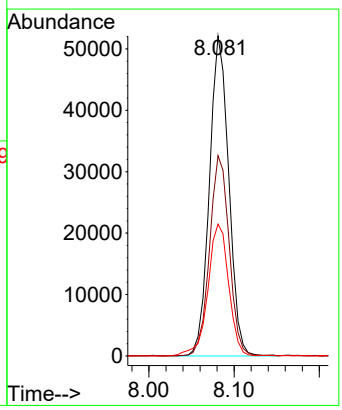


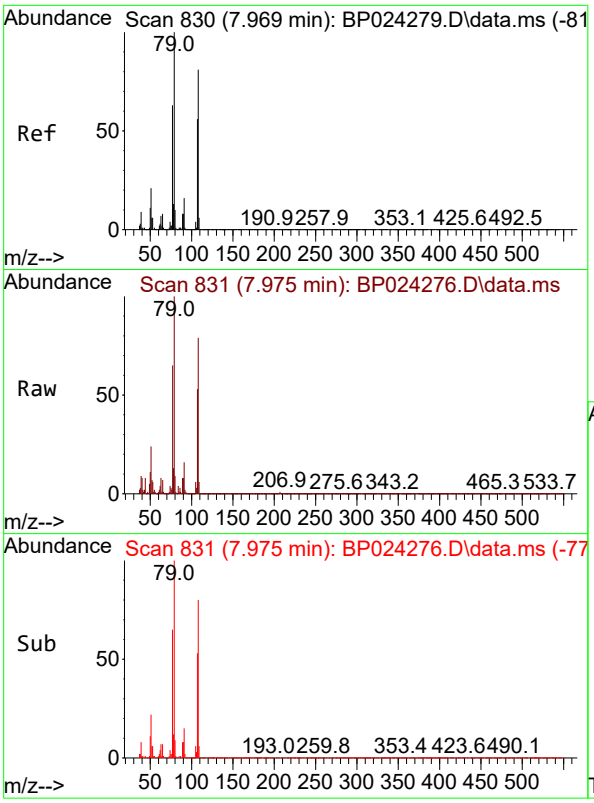


#14
1,2-Dichlorobenzene
Concen: 5.115 ng
RT: 8.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:146 Resp: 82066

Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.0	76.4
111	41.2	33.8	50.8



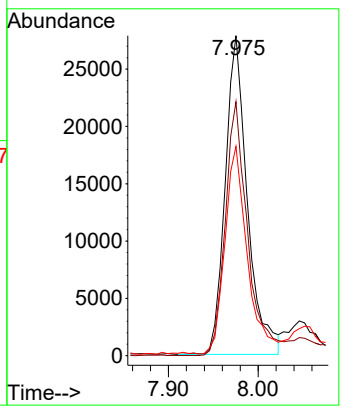


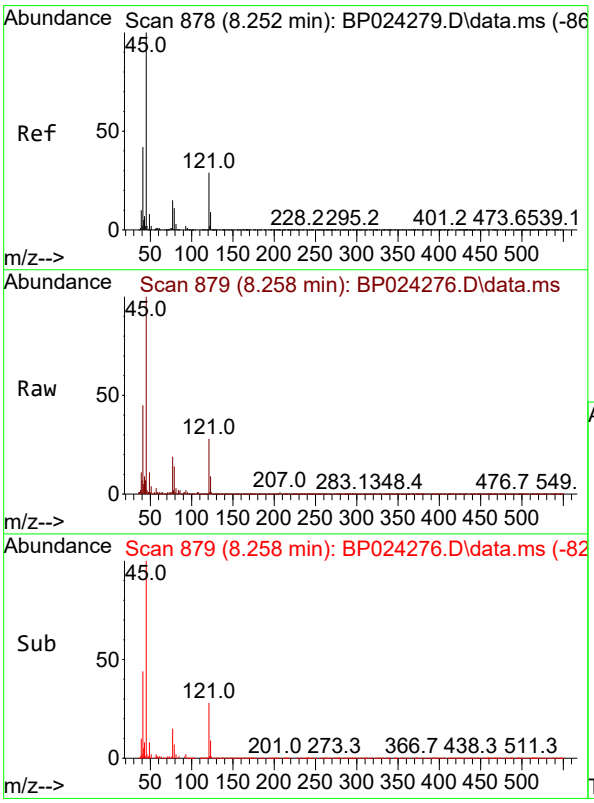
#15
Benzyl Alcohol
Concen: 4.032 ng
RT: 7.975 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 47777

Ion	Ratio	Lower	Upper
79	100		
108	79.4	65.1	97.7
77	65.4	50.7	76.1

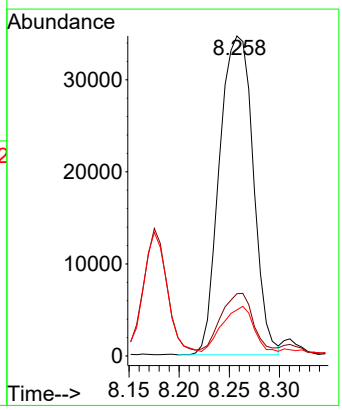


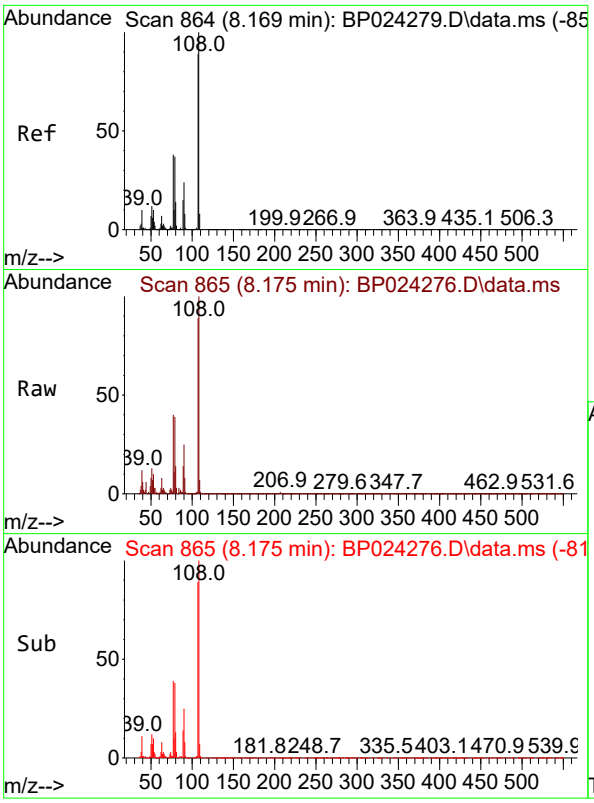


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.962 ng
RT: 8.258 min Scan# 879
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion: 45 Resp: 80975

Ion	Ratio	Lower	Upper
45	100		
77	19.4	0.0	37.7
79	14.4	0.0	33.5



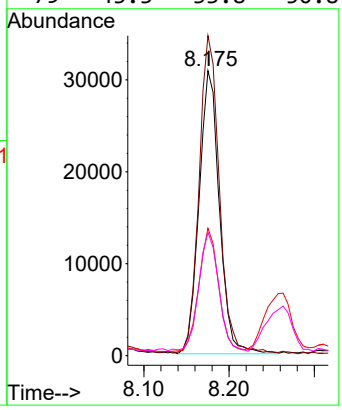


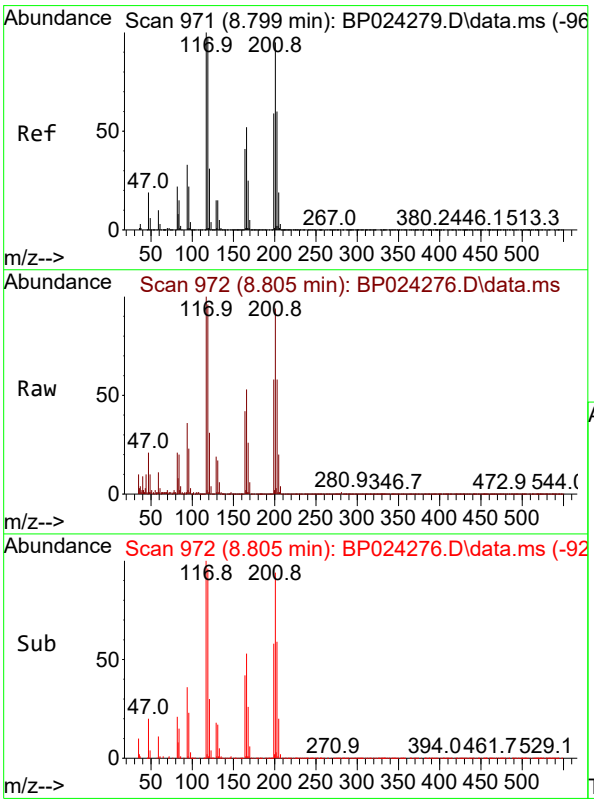
#17
2-Methylphenol
Concen: 4.267 ng
RT: 8.175 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 51039

Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.8	134.6
77	44.7	34.2	51.4
79	43.3	33.8	50.8

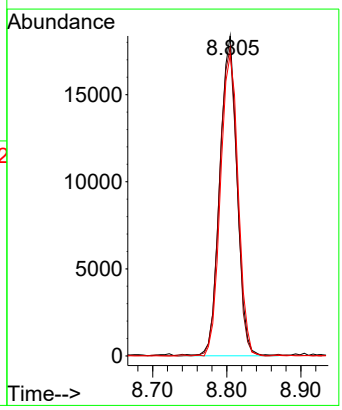


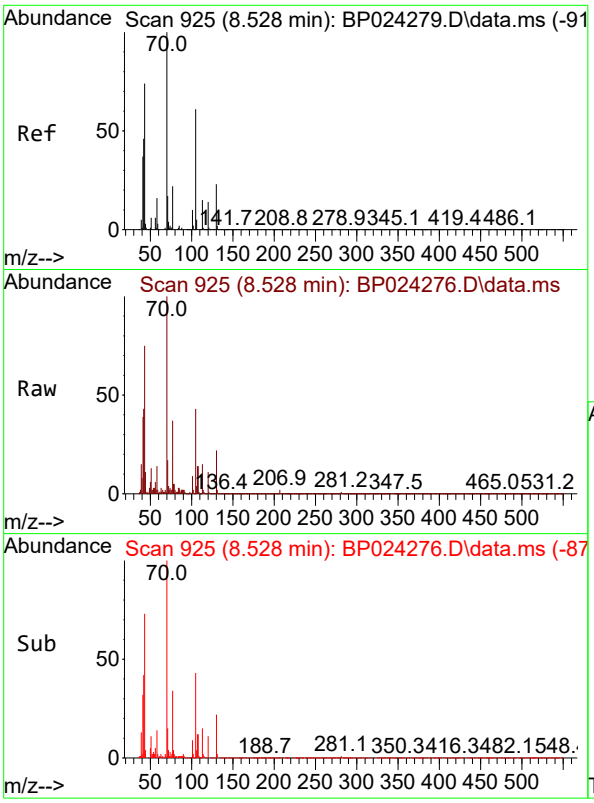


#18
Hexachloroethane
Concen: 4.950 ng
RT: 8.805 min Scan# 972
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:117 Resp: 29643

Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.8	116.6
201	96.8	75.9	113.9



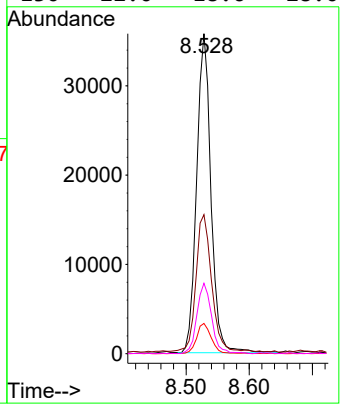


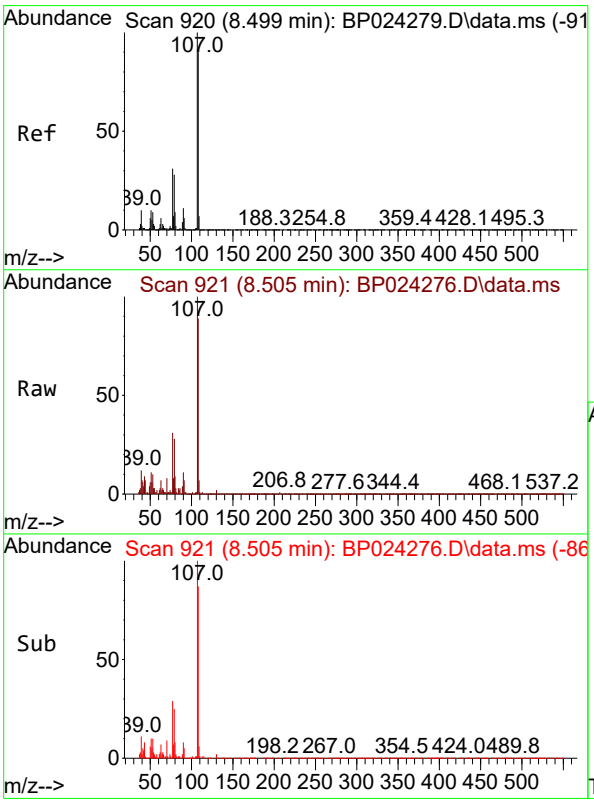
#19
n-Nitroso-di-n-propylamine
Concen: 4.896 ng
RT: 8.528 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 70 Resp: 56212

Ion	Ratio	Lower	Upper
70	100		
42	43.5	37.3	55.9
101	9.4	8.2	12.4
130	22.0	18.6	28.0

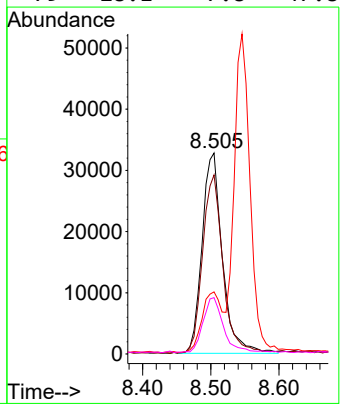


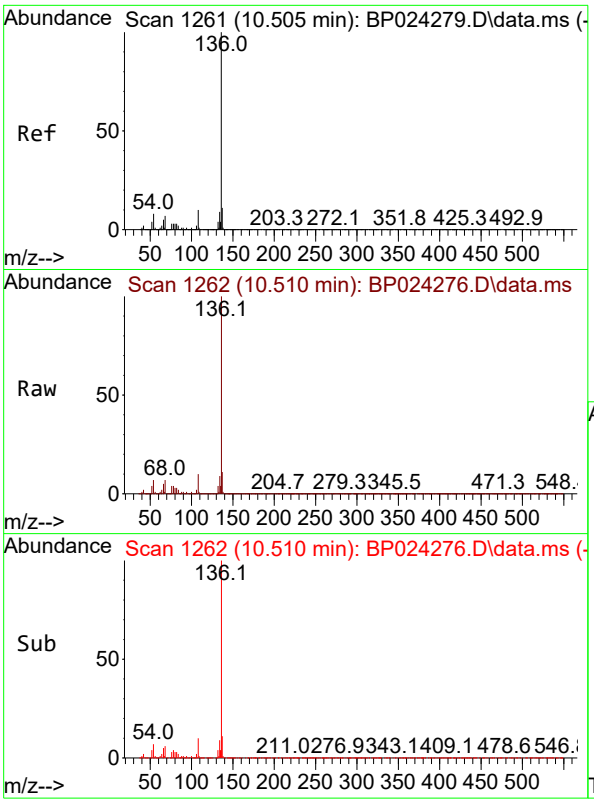


#20
3+4-Methylphenols
Concen: 4.120 ng
RT: 8.505 min Scan# 921
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:107 Resp: 68264

Ion	Ratio	Lower	Upper
107	100		
108	89.1	69.8	109.8
77	30.9	11.5	51.5
79	28.1	7.8	47.8



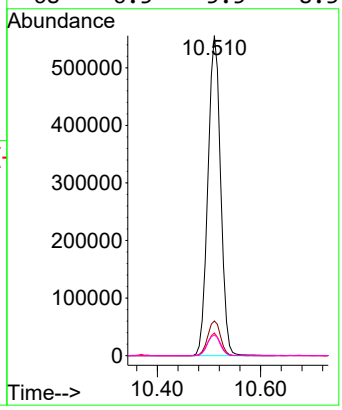


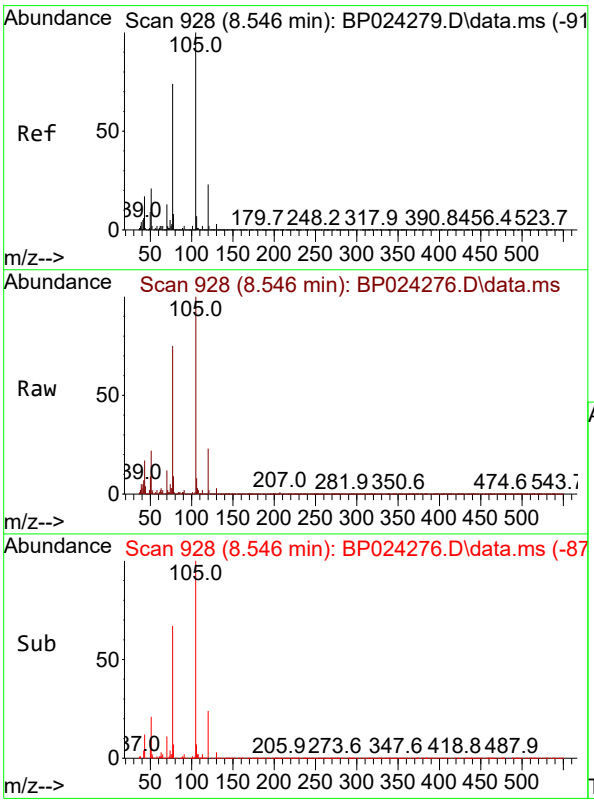
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 946483

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.1	6.0	9.0
68	6.5	5.5	8.3

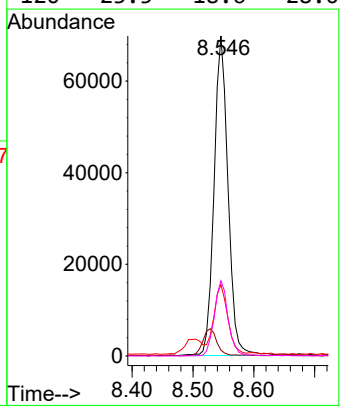


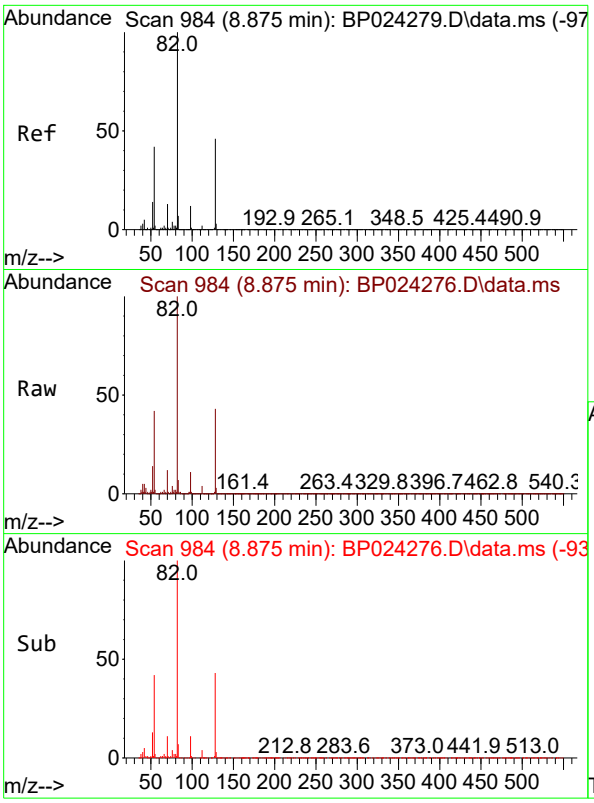


#22
Acetophenone
Concen: 4.725 ng
RT: 8.546 min Scan# 928
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:105 Resp: 111159

Ion	Ratio	Lower	Upper
105	100		
71	1.9	1.7	2.5
51	22.3	16.9	25.3
120	23.5	18.6	28.0



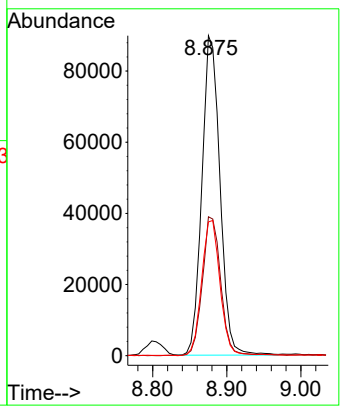


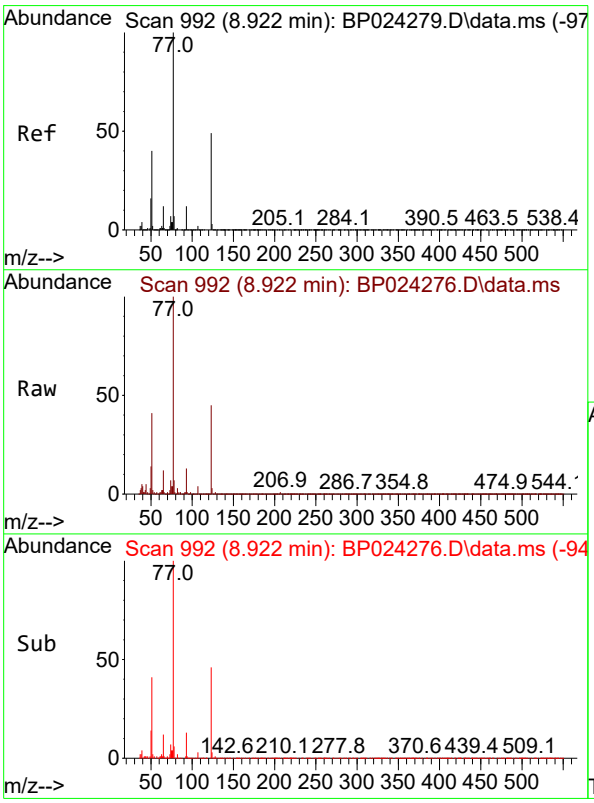
#23
Nitrobenzene-d5
Concen: 9.160 ng
RT: 8.875 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 152286

Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.5	54.7
54	41.8	33.4	50.2

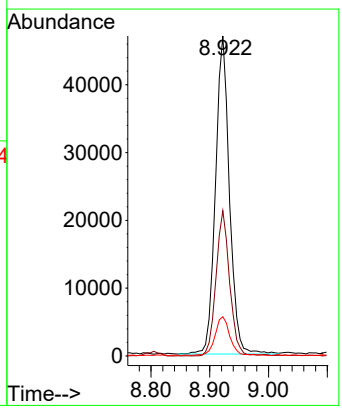


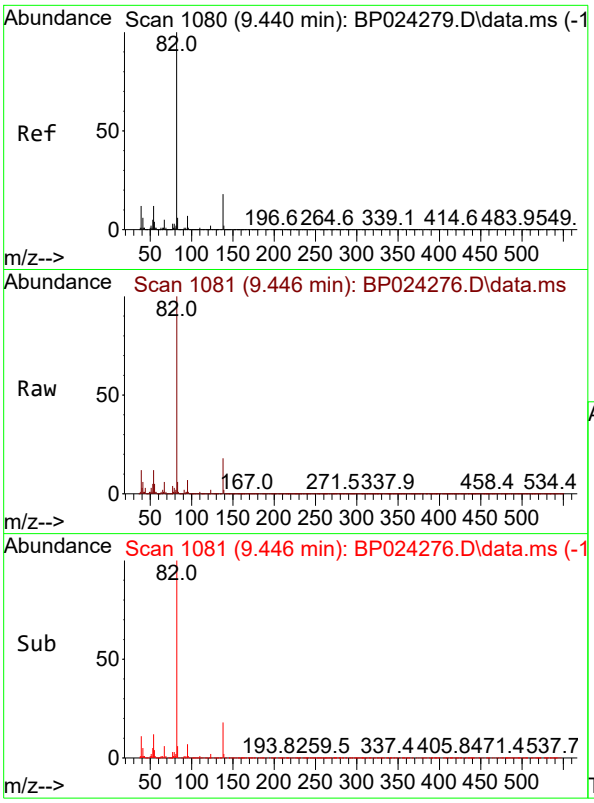


#24
Nitrobenzene
Concen: 4.709 ng
RT: 8.922 min Scan# 992
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion: 77 Resp: 77593

Ion	Ratio	Lower	Upper
77	100		
123	45.4	39.2	58.8
65	12.3	9.8	14.6



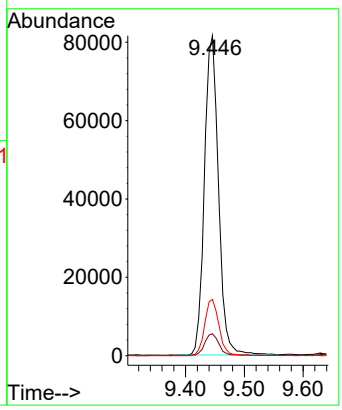


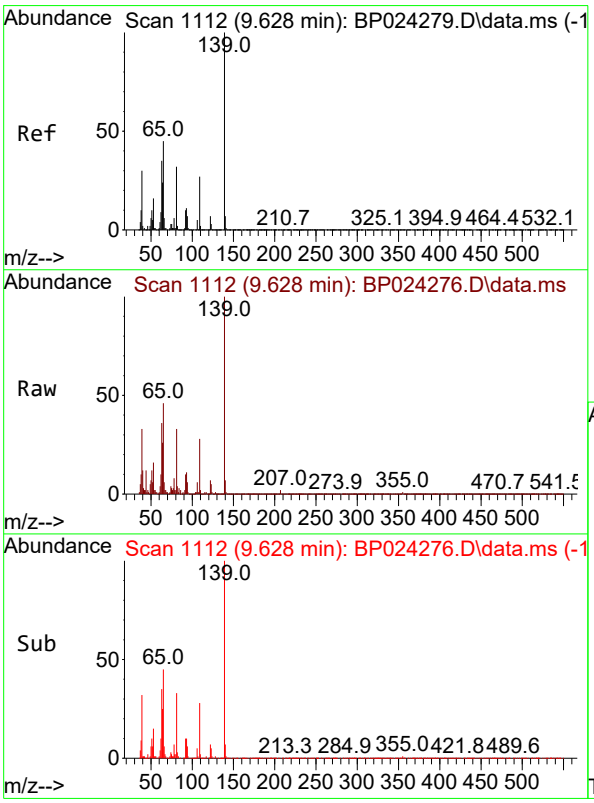
#25
Isophorone
Concen: 4.534 ng
RT: 9.446 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 136090

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	17.6	14.4	21.6

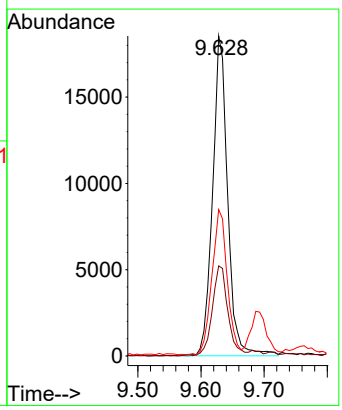


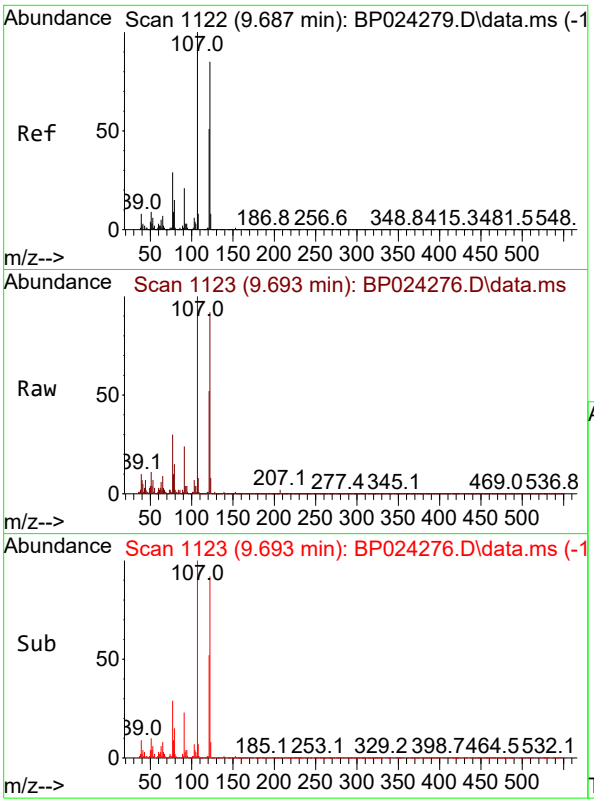


#26
2-Nitrophenol
Concen: 3.882 ng
RT: 9.628 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:139 Resp: 30712

Ion	Ratio	Lower	Upper
139	100		
109	28.1	21.8	32.6
65	45.7	36.2	54.2



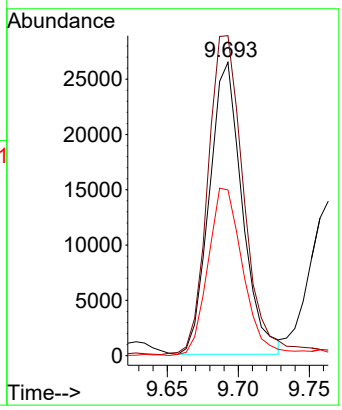


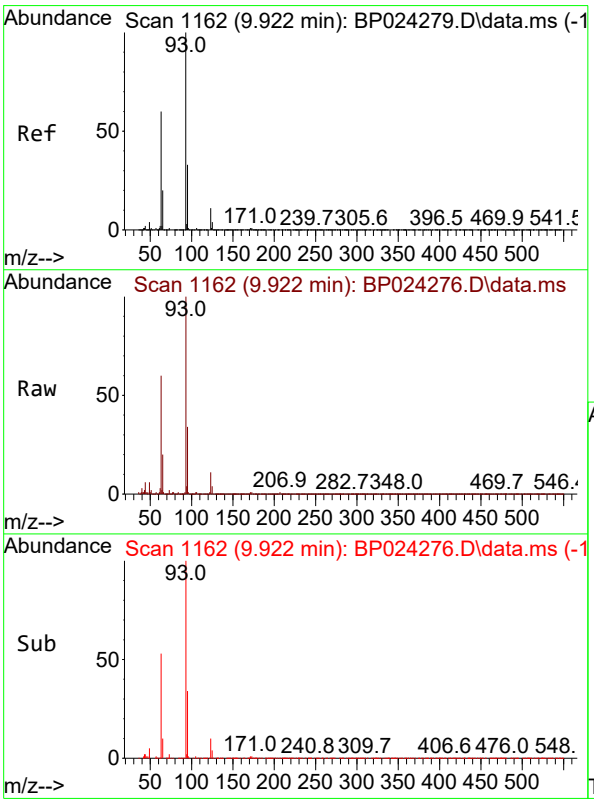
#27
2,4-Dimethylphenol
Concen: 4.239 ng
RT: 9.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 42510

Ion	Ratio	Lower	Upper
122	100		
107	109.1	93.7	140.5
121	56.5	48.2	72.2

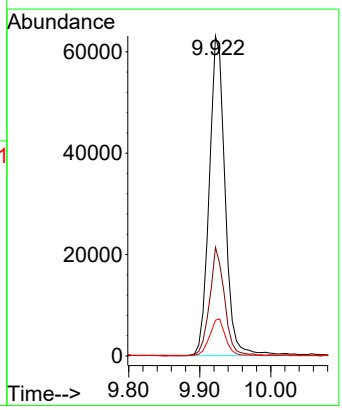


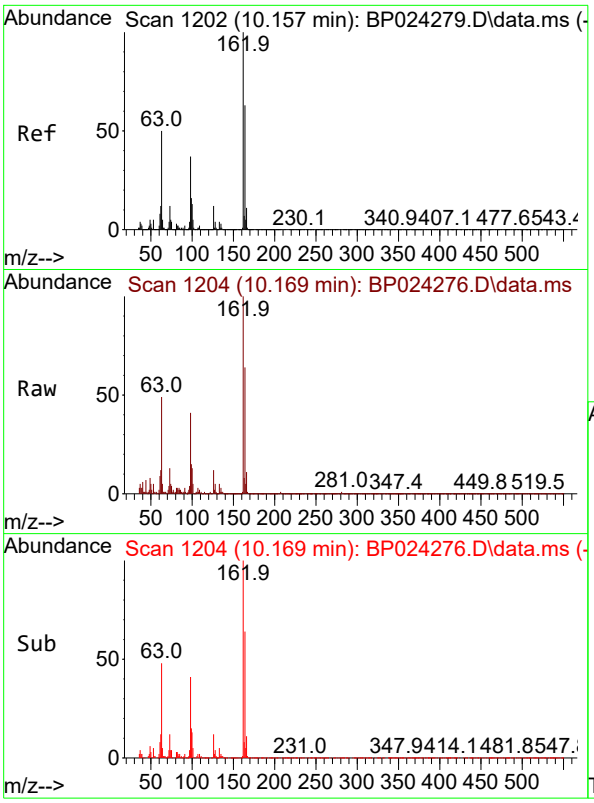


#28
bis(2-Chloroethoxy)methane
Concen: 4.774 ng
RT: 9.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion: 93 Resp: 97512

Ion	Ratio	Lower	Upper
93	100		
95	34.0	26.0	39.0
123	11.2	9.1	13.7



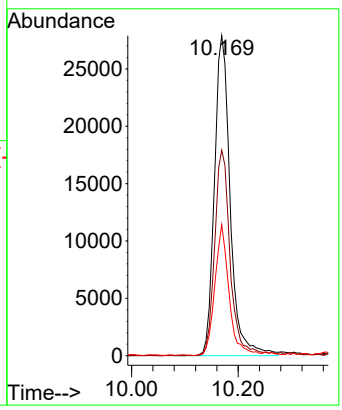


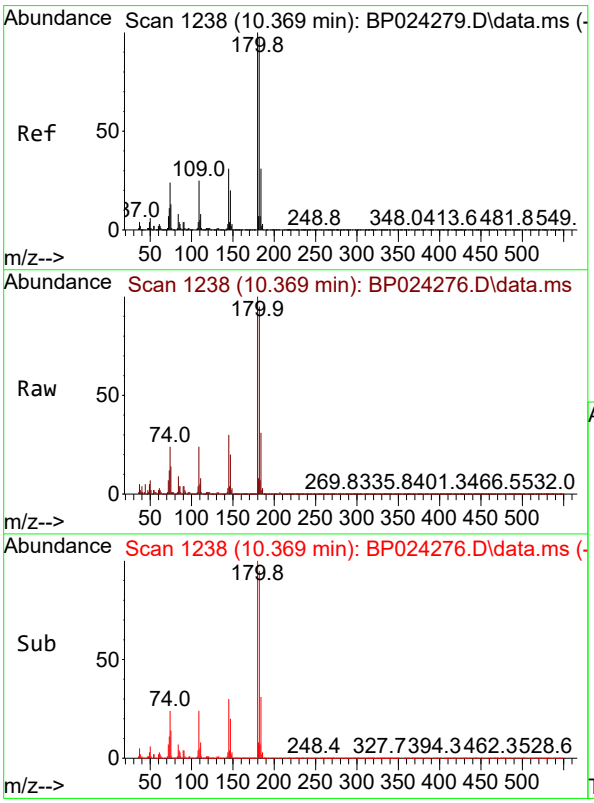
#29
2,4-Dichlorophenol
Concen: 4.193 ng
RT: 10.169 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 57301

Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.3	83.3
98	41.0	16.6	56.6

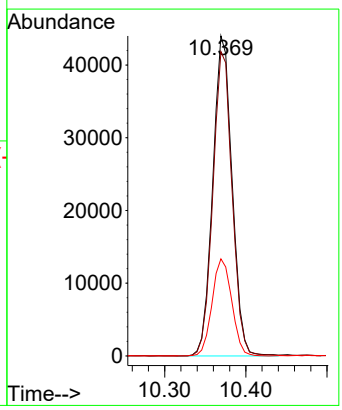


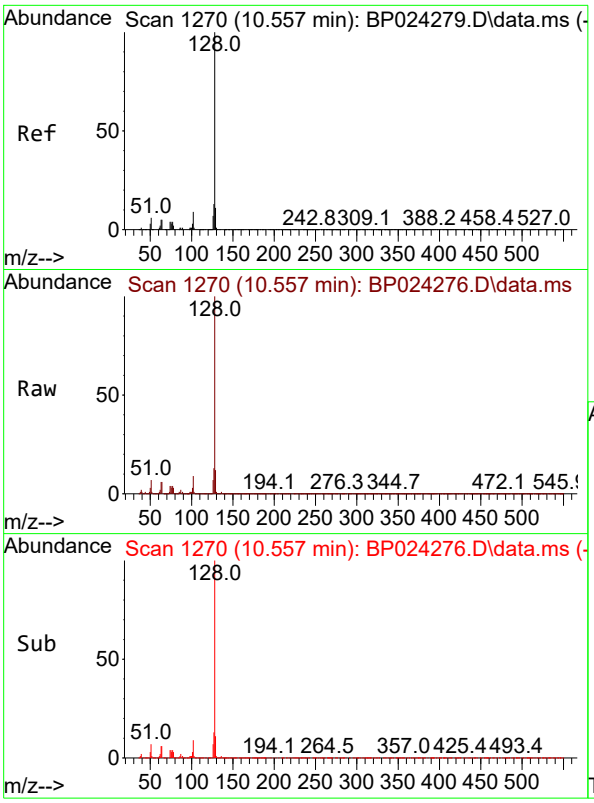


#30
1,2,4-Trichlorobenzene
Concen: 4.923 ng
RT: 10.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:180 Resp: 72789

Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.3	115.9
145	30.3	25.1	37.7



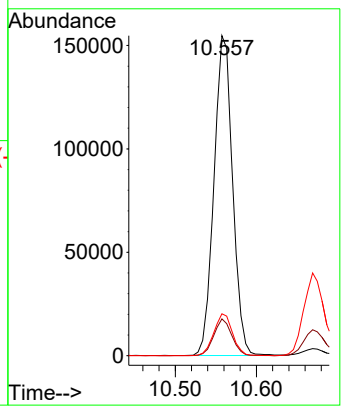


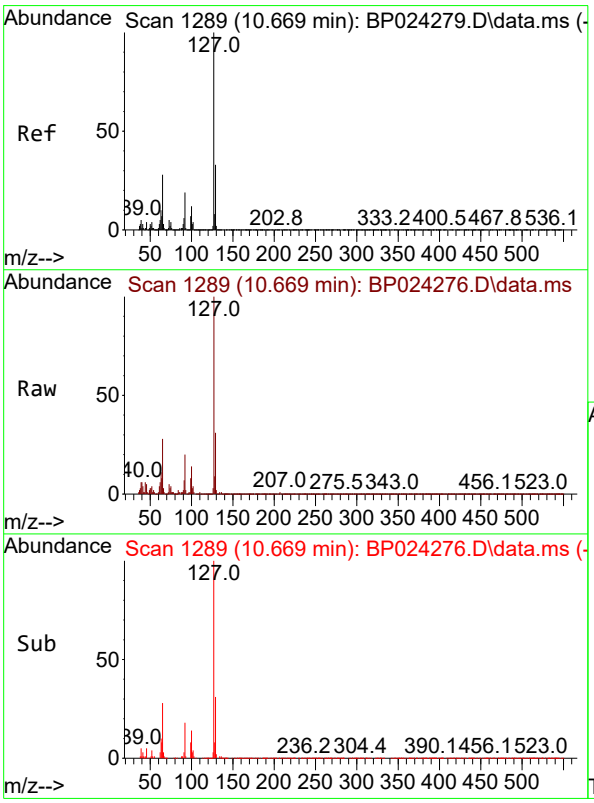
#31
Naphthalene
Concen: 4.930 ng
RT: 10.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 246999

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	13.1	10.3	15.5

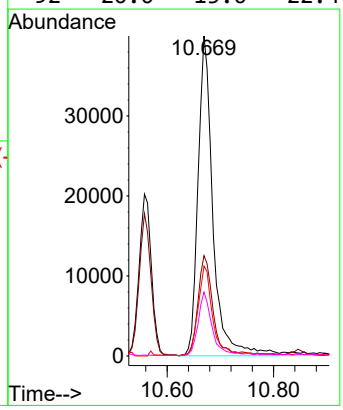


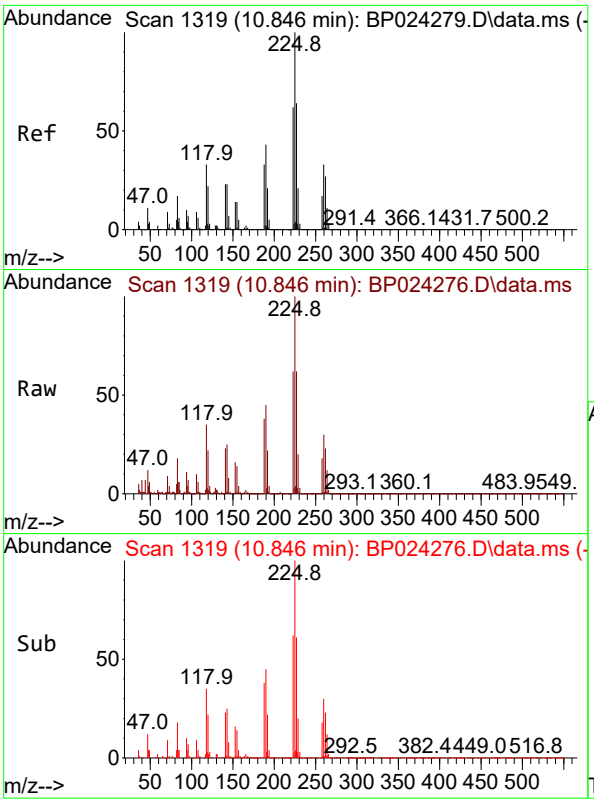


#33
4-Chloroaniline
Concen: 4.437 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:127 Resp: 77667

Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.1	39.1
65	28.1	22.1	33.1
92	20.0	15.0	22.4



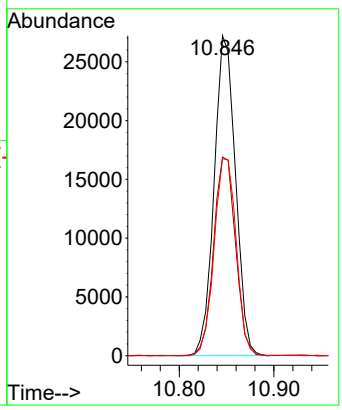


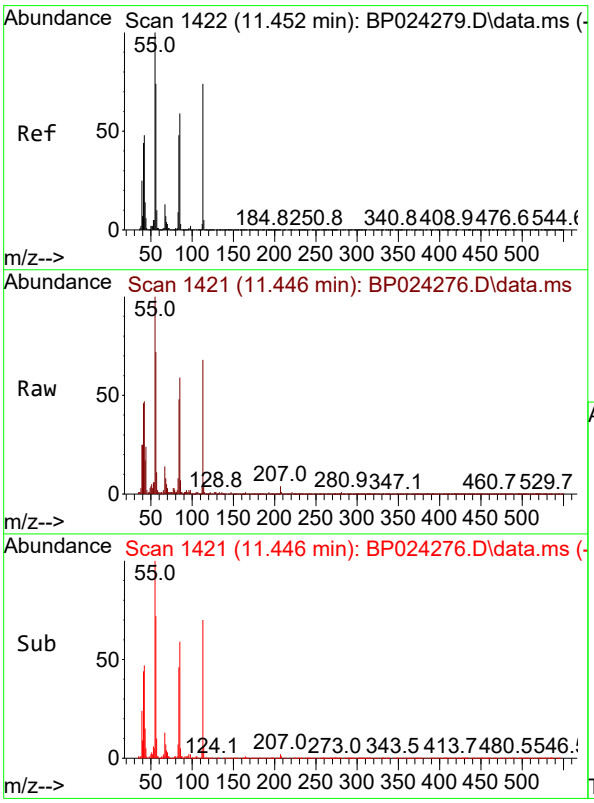
#34
Hexachlorobutadiene
Concen: 4.926 ng
RT: 10.846 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:225 Resp: 42723

Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.5	74.3
227	61.5	50.9	76.3

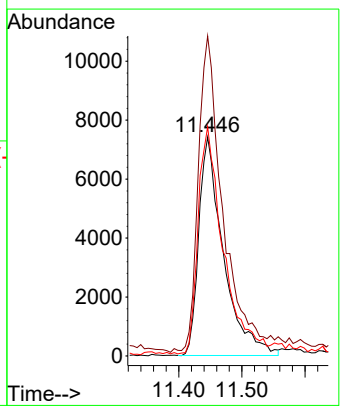


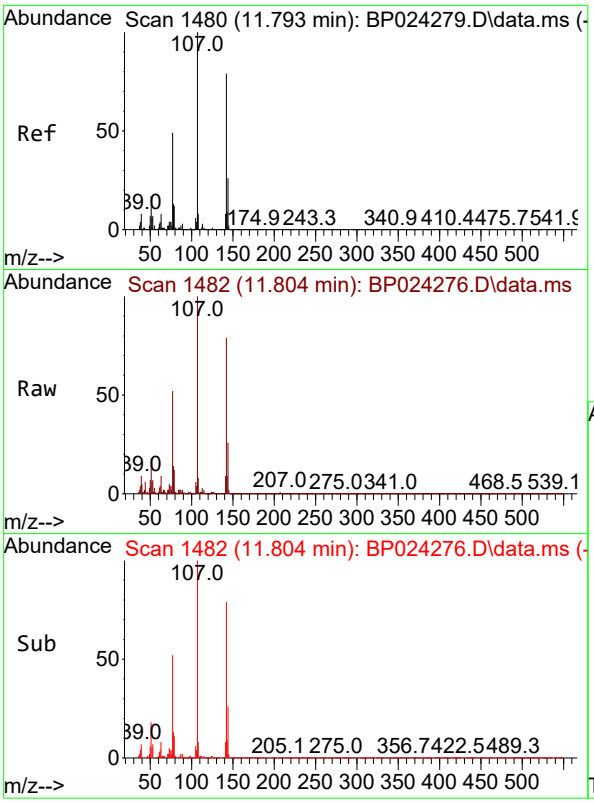


#35
Caprolactam
Concen: 4.002 ng
RT: 11.446 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:113 Resp: 20082

Ion	Ratio	Lower	Upper
113	100		
55	146.2	115.9	155.9
56	104.7	81.1	121.1



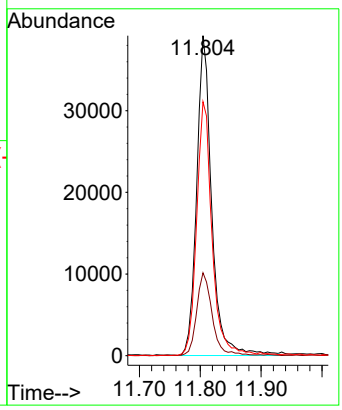


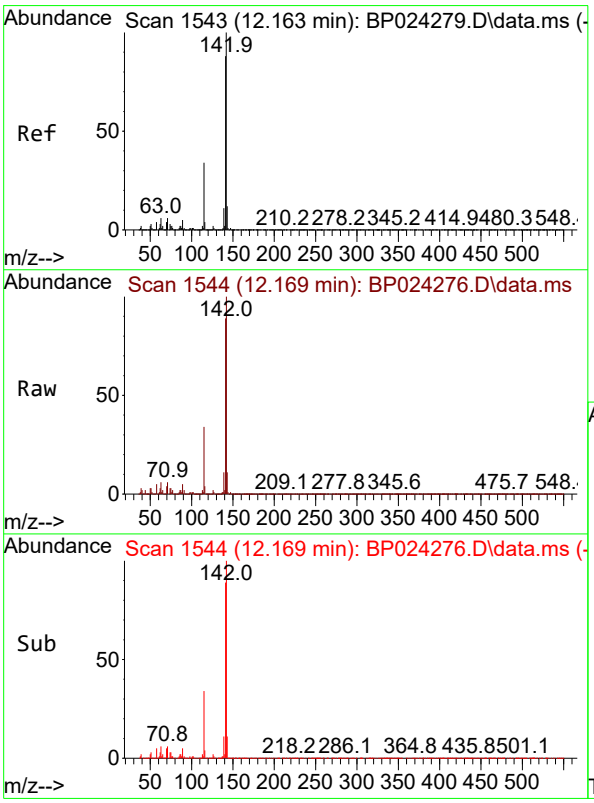
#36
4-Chloro-3-methylphenol
Concen: 4.214 ng
RT: 11.804 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 67116

Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.5	30.7
142	79.3	63.4	95.2

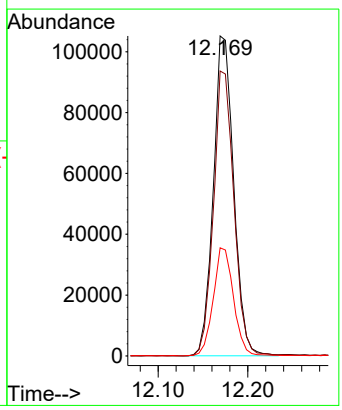


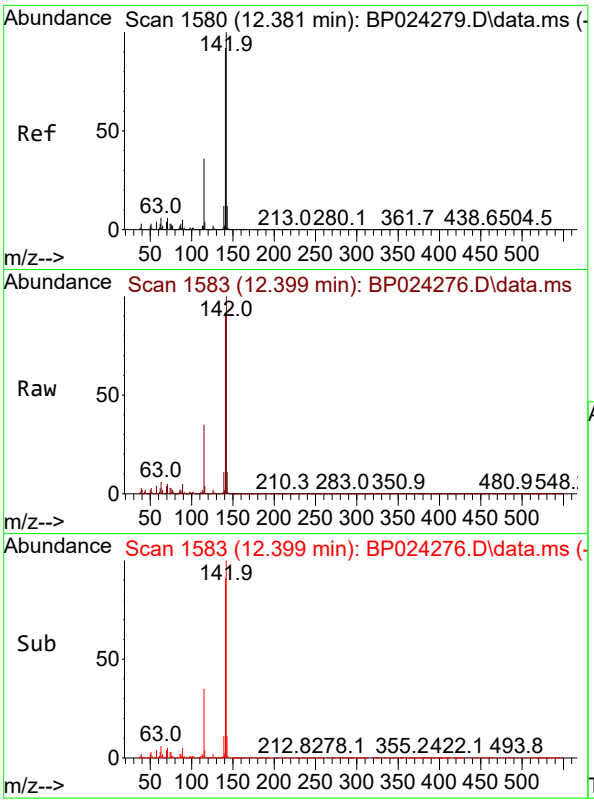


#37
2-Methylnaphthalene
Concen: 4.770 ng
RT: 12.169 min Scan# 1544
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:142 Resp: 165617

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.3	105.5
115	33.8	26.9	40.3



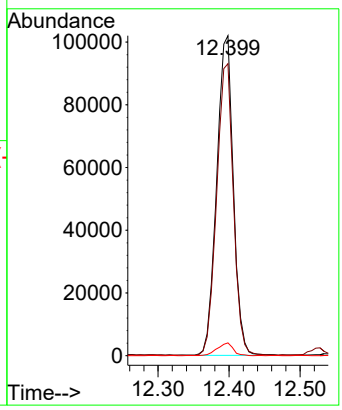


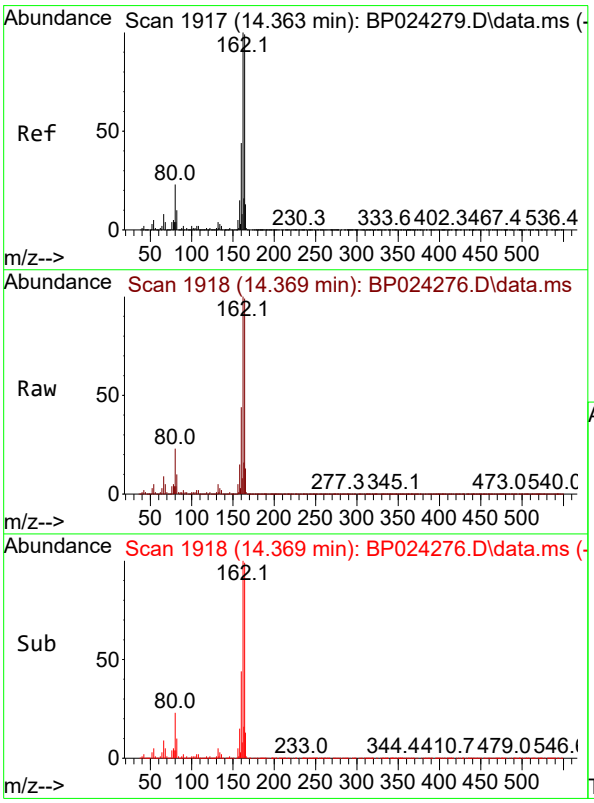
#38
1-Methylnaphthalene
Concen: 4.870 ng
RT: 12.399 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 165656

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.6	110.4
116	4.0	3.0	4.6

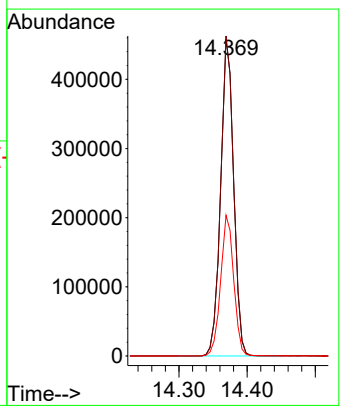


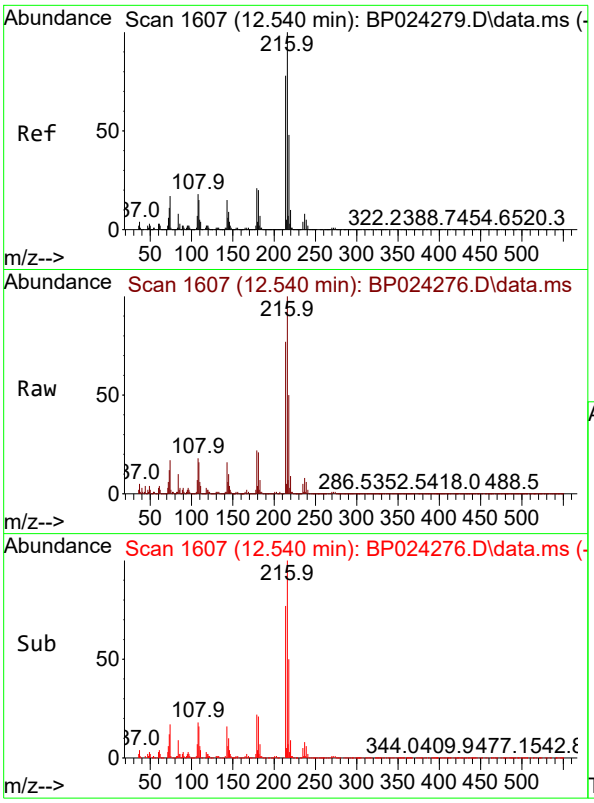


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1918
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:164 Resp: 609743

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	44.4	35.3	52.9



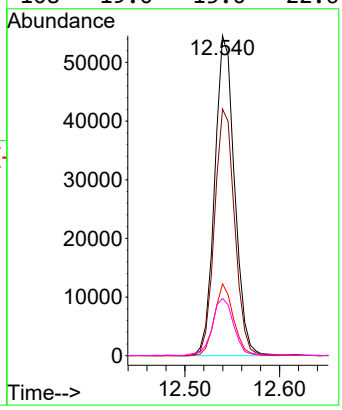


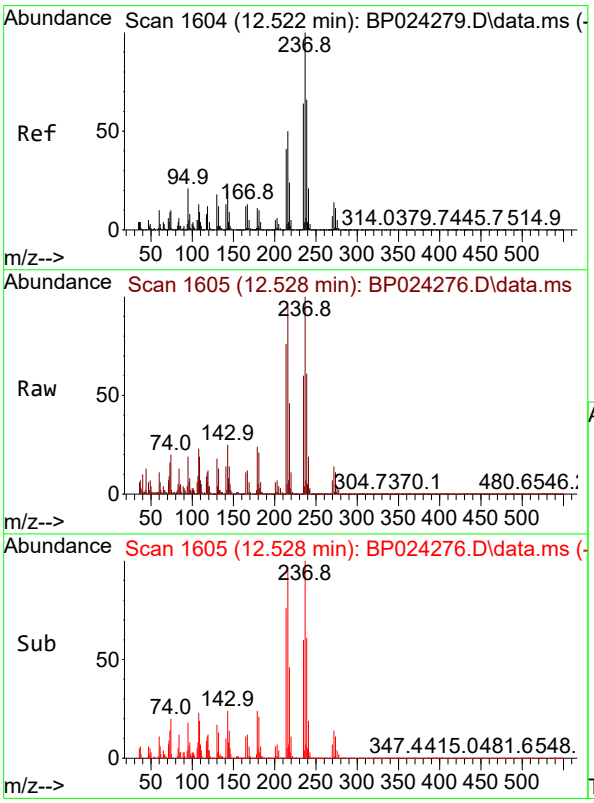
#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.744 ng
RT: 12.540 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:216 Resp: 79501

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.6	93.8
179	21.7	17.2	25.8
108	19.0	15.0	22.6

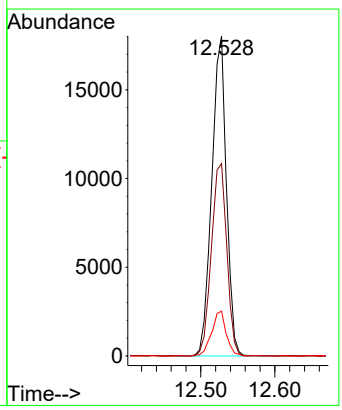


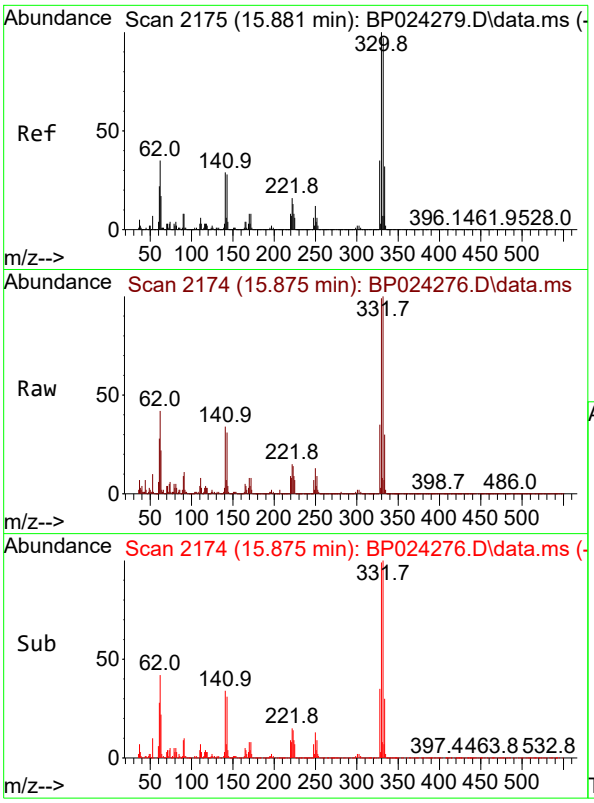


#41
Hexachlorocyclopentadiene
Concen: 4.198 ng
RT: 12.528 min Scan# 1605
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:237 Resp: 24696

Ion	Ratio	Lower	Upper
237	100		
235	60.2	43.9	83.9
272	14.0	0.0	33.6



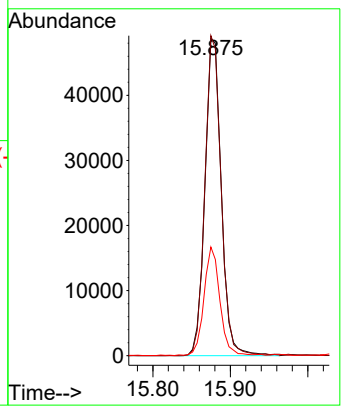


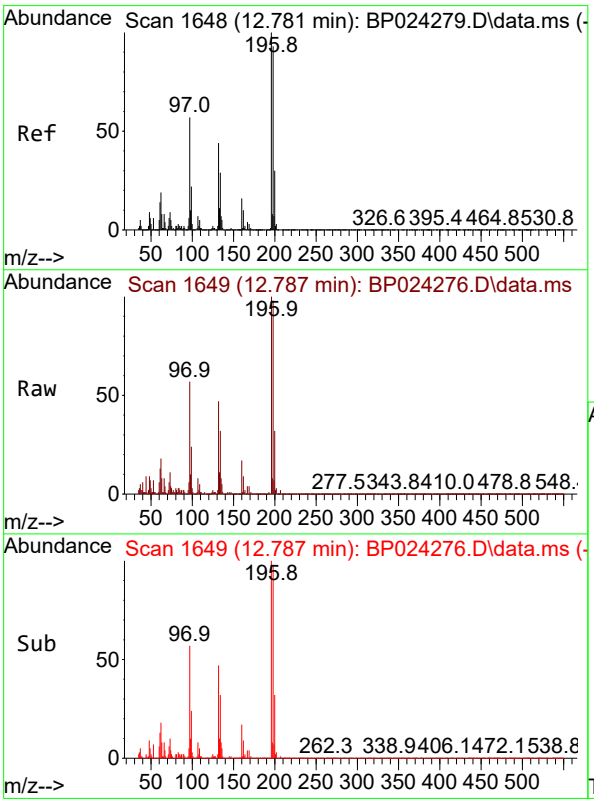
#42
2,4,6-Tribromophenol
Concen: 8.571 ng
RT: 15.875 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 71560

Ion	Ratio	Lower	Upper
330	100		
332	99.6	77.1	115.7
141	33.2	24.7	37.1

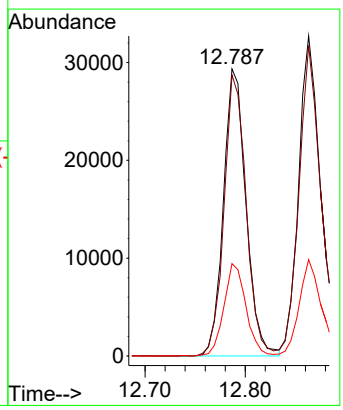


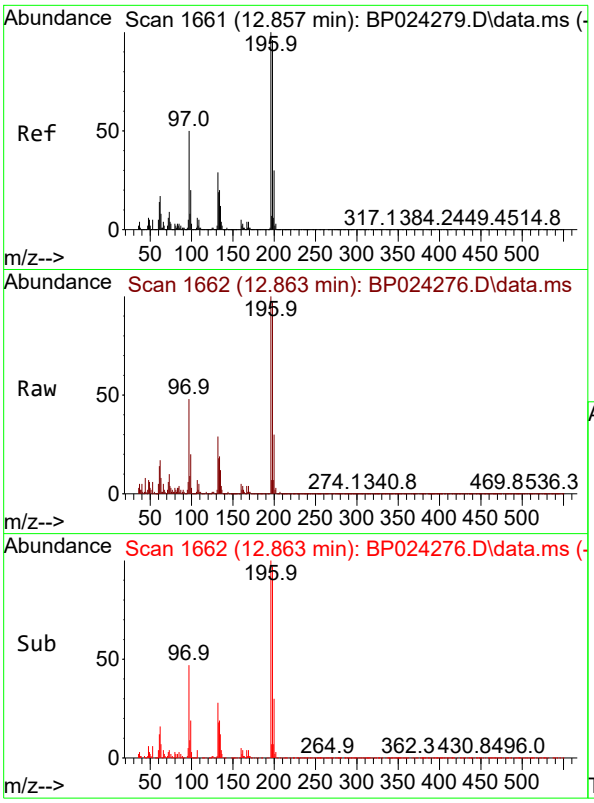


#43
2,4,6-Trichlorophenol
Concen: 4.165 ng
RT: 12.787 min Scan# 1649
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:196 Resp: 45925

Ion	Ratio	Lower	Upper
196	100		
198	97.9	74.3	111.5
200	32.2	24.0	36.0



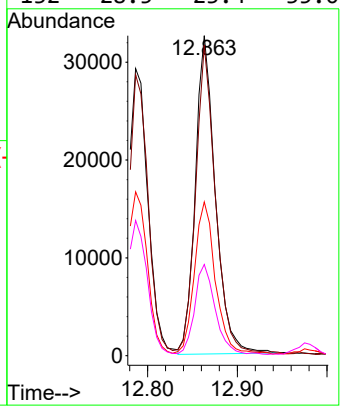


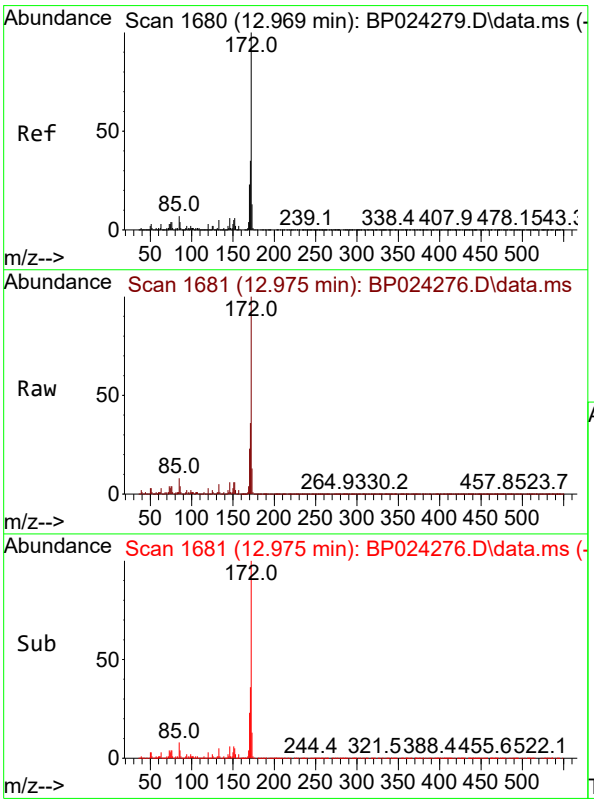
#44
2,4,5-Trichlorophenol
Concen: 4.147 ng
RT: 12.863 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 50675

Ion	Ratio	Lower	Upper
196	100		
198	97.0	77.3	115.9
97	48.1	40.4	60.6
132	28.5	23.4	35.0

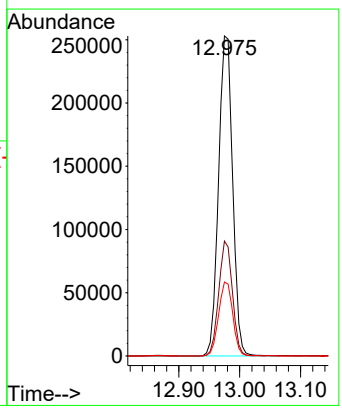


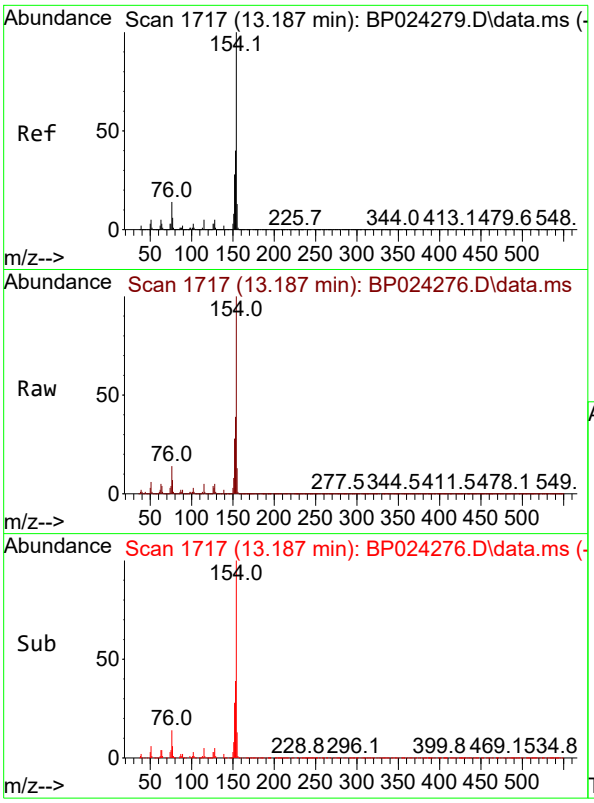


#45
2-Fluorobiphenyl
Concen: 10.111 ng
RT: 12.975 min Scan# 1681
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:172 Resp: 406060

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.2
170	23.1	18.6	27.8



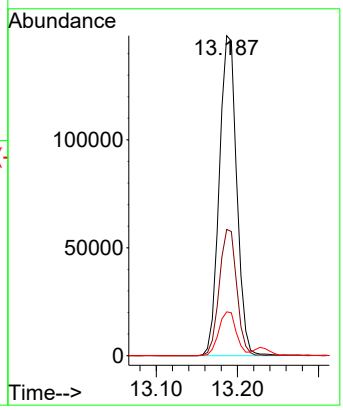


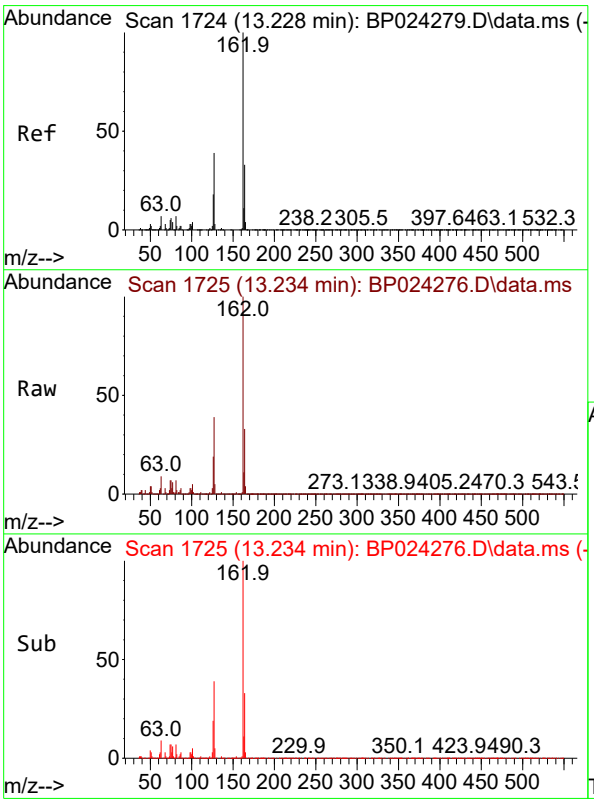
#46
1,1'-Biphenyl
Concen: 4.922 ng
RT: 13.187 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 221653

Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.3	60.3
76	13.7	0.0	33.5

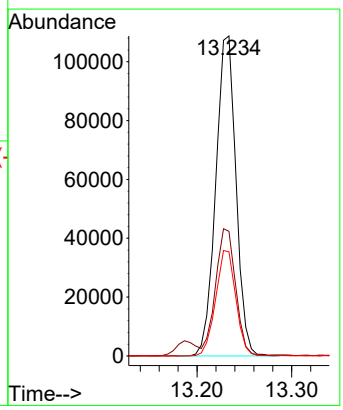


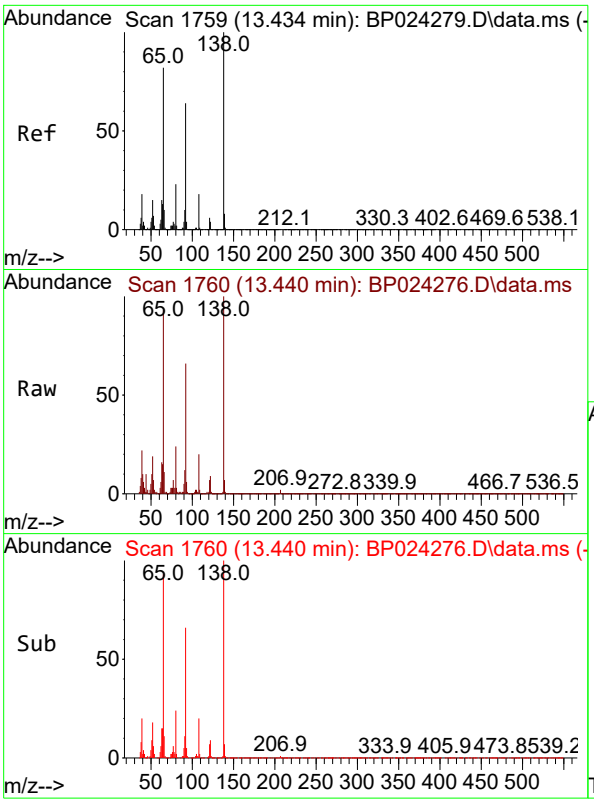


#47
2-Chloronaphthalene
Concen: 4.824 ng
RT: 13.234 min Scan# 1725
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:162 Resp: 162099

Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.9	47.9
164	32.5	26.2	39.4



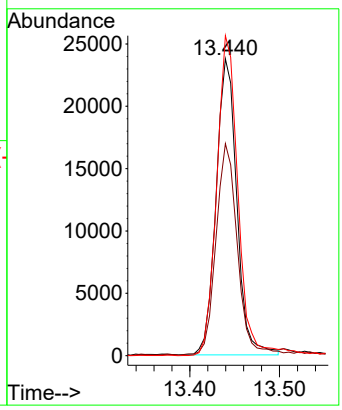


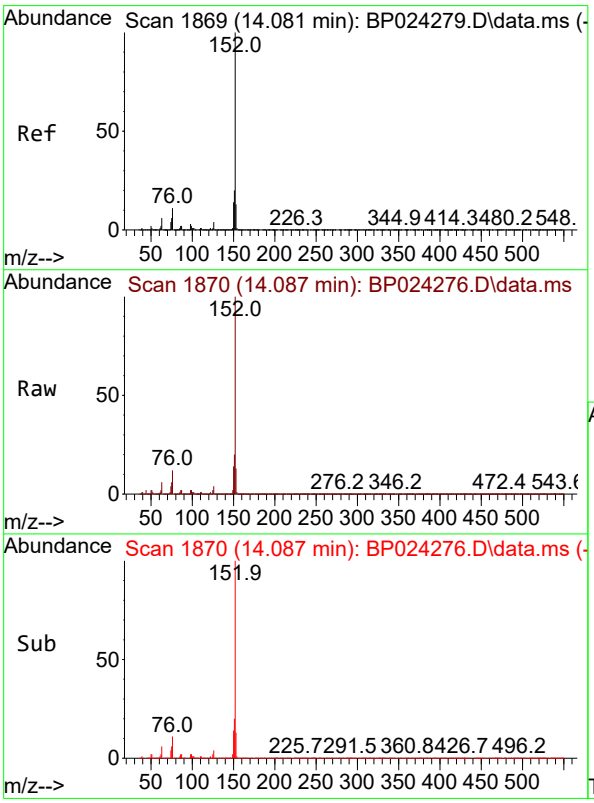
#48
2-Nitroaniline
Concen: 4.111 ng
RT: 13.440 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 65 Resp: 38152

Ion	Ratio	Lower	Upper
65	100		
92	71.5	62.3	93.5
138	107.8	97.2	145.8

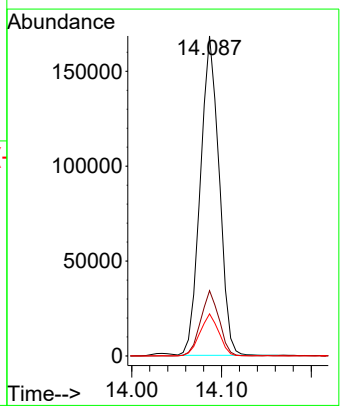


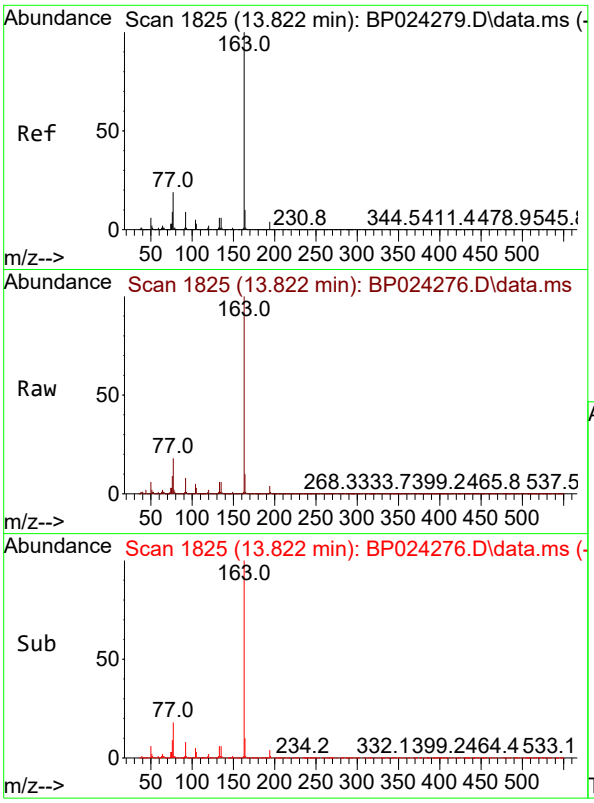


#49
Acenaphthylene
Concen: 4.637 ng
RT: 14.087 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:152 Resp: 244566

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.9	23.9
153	13.2	10.6	15.8



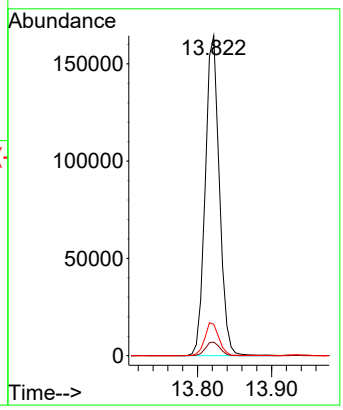


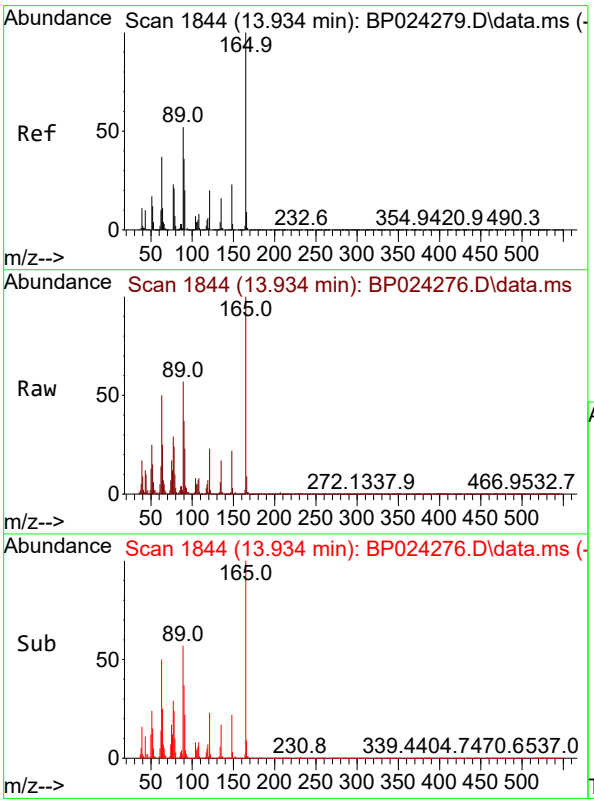
#50
Dimethylphthalate
Concen: 4.897 ng
RT: 13.822 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:163 Resp: 217848

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.8	8.0	12.0

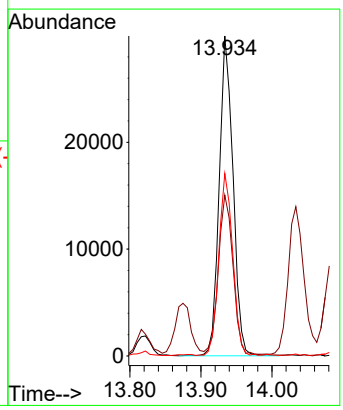


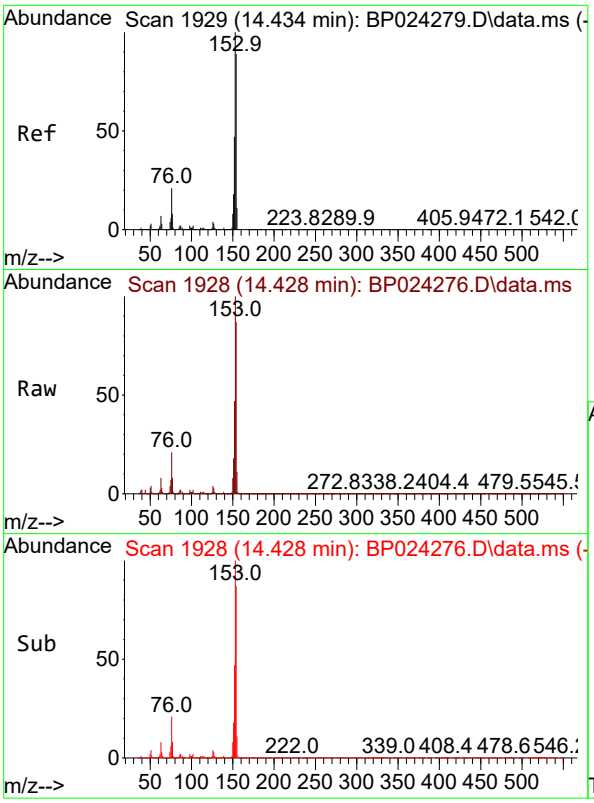


#51
2,6-Dinitrotoluene
Concen: 4.287 ng
RT: 13.934 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:165 Resp: 40182

Ion	Ratio	Lower	Upper
165	100		
63	50.3	38.0	57.0
89	57.0	41.7	62.5



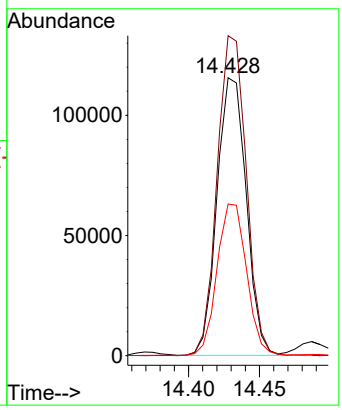


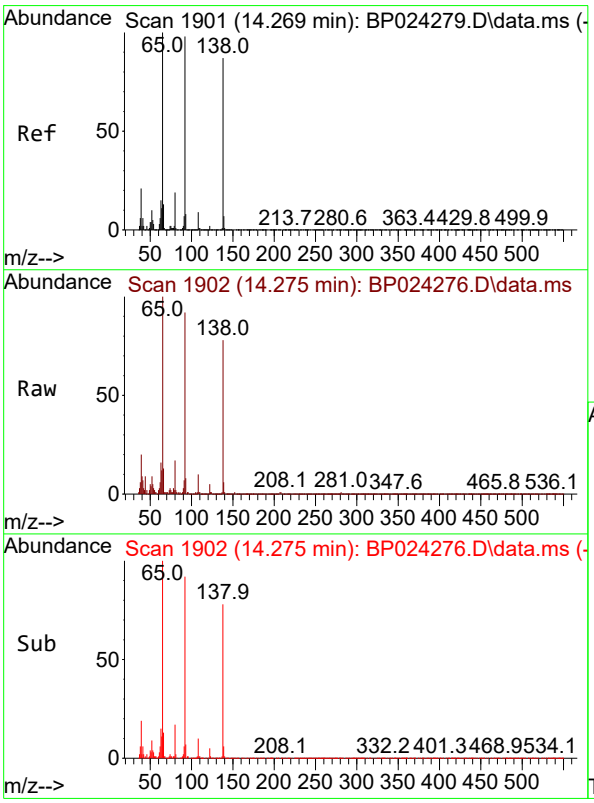
#52
Acenaphthene
Concen: 4.940 ng
RT: 14.428 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 165694

Ion	Ratio	Lower	Upper
154	100		
153	115.2	89.8	134.6
152	54.6	42.6	63.8

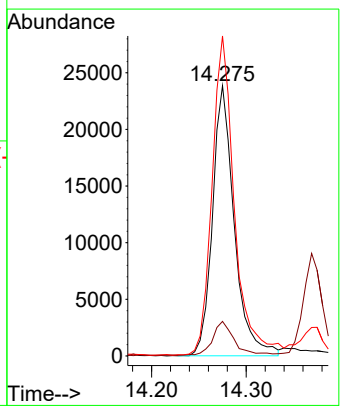


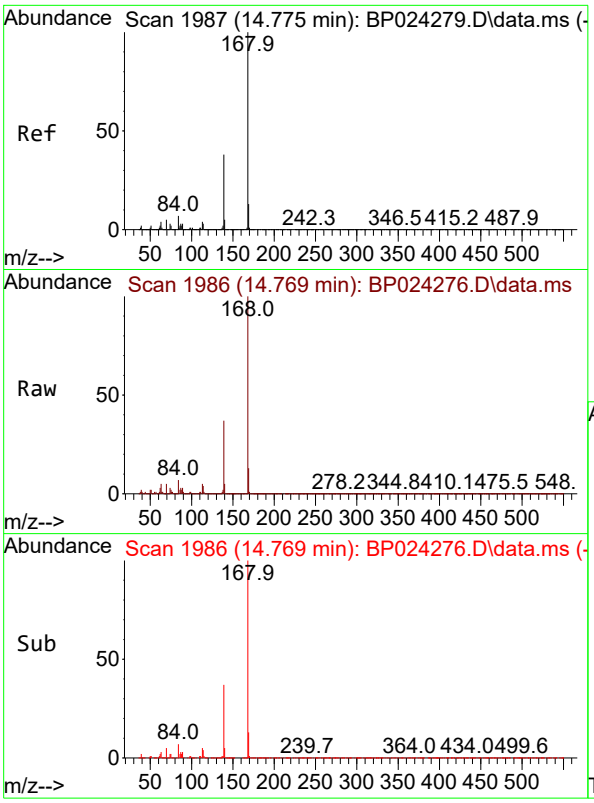


#53
3-Nitroaniline
Concen: 3.926 ng
RT: 14.275 min Scan# 1902
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:138 Resp: 38178

Ion	Ratio	Lower	Upper
138	100		
108	12.8	8.3	12.5#
92	118.4	89.8	134.8



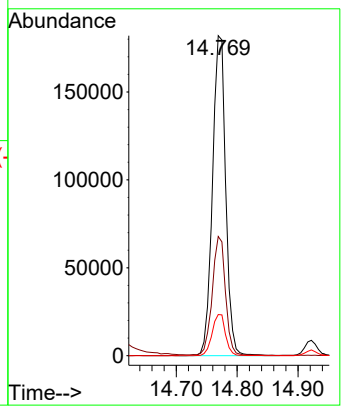


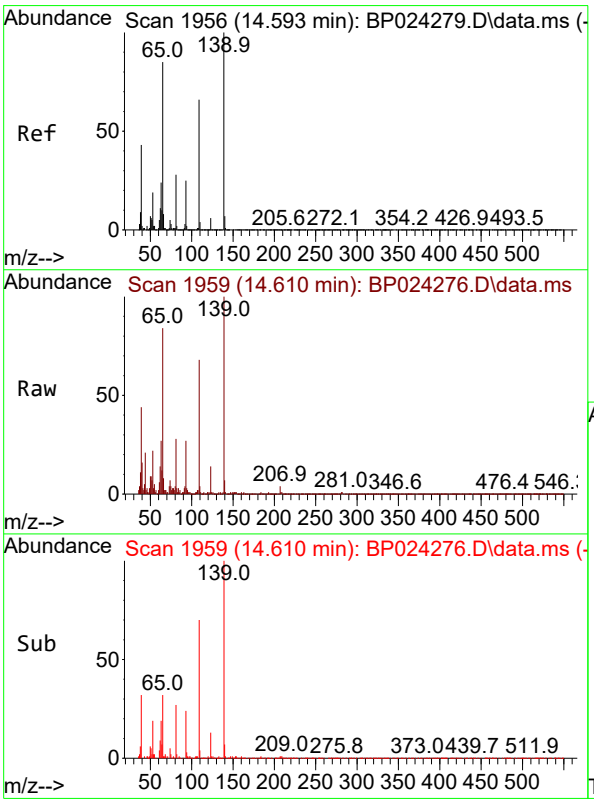
#55
Dibenzofuran
Concen: 4.991 ng
RT: 14.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 274506

Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.3	45.5
169	12.9	10.6	16.0

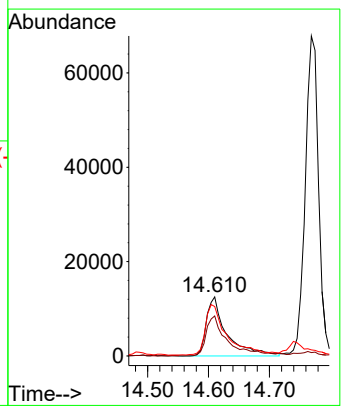


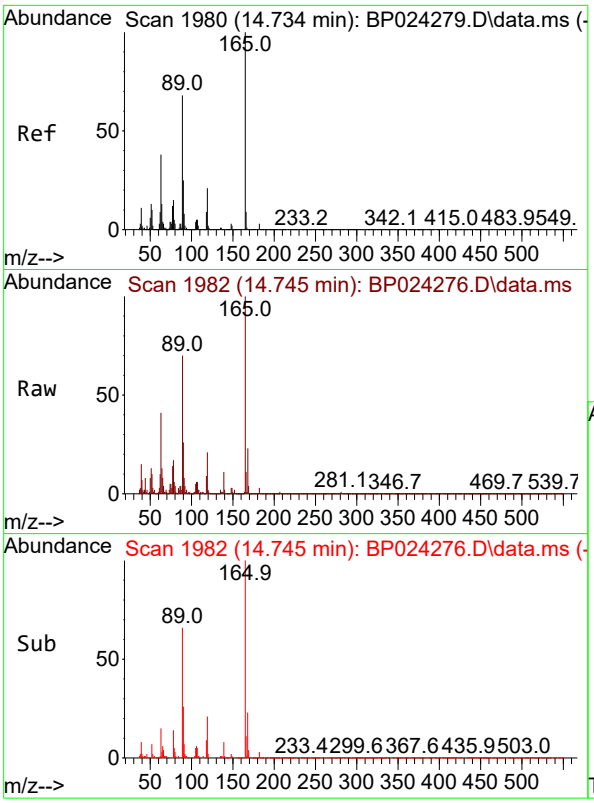


#56
4-Nitrophenol
Concen: 3.473 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.018 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:139 Resp: 29033

Ion	Ratio	Lower	Upper
139	100		
109	67.8	46.1	86.1
65	83.9	65.0	105.0



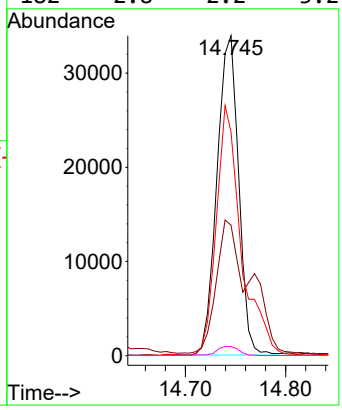


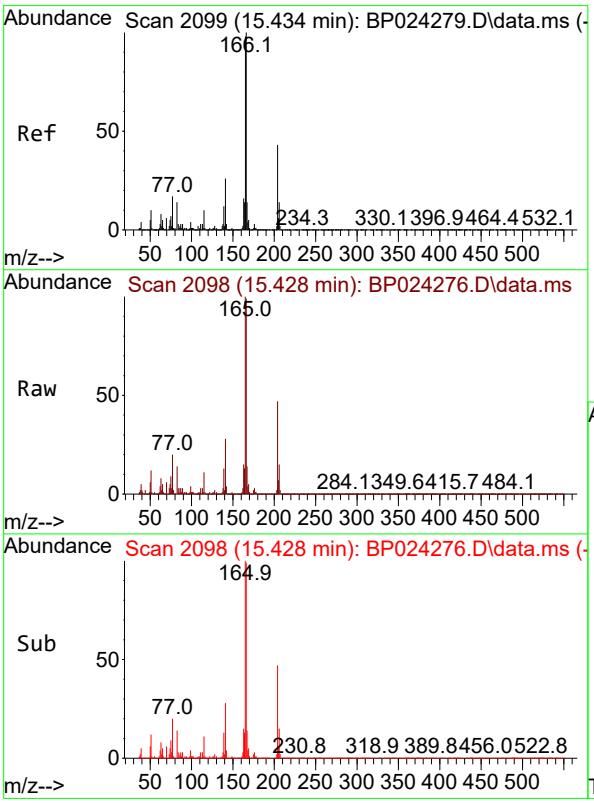
#57
2,4-Dinitrotoluene
Concen: 4.013 ng
RT: 14.745 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 50843

Ion	Ratio	Lower	Upper
165	100		
63	40.8	30.4	45.6
89	69.9	54.6	82.0
182	2.8	2.2	3.2

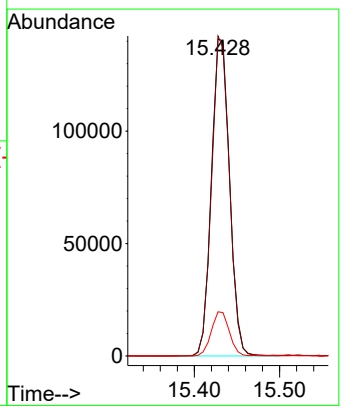


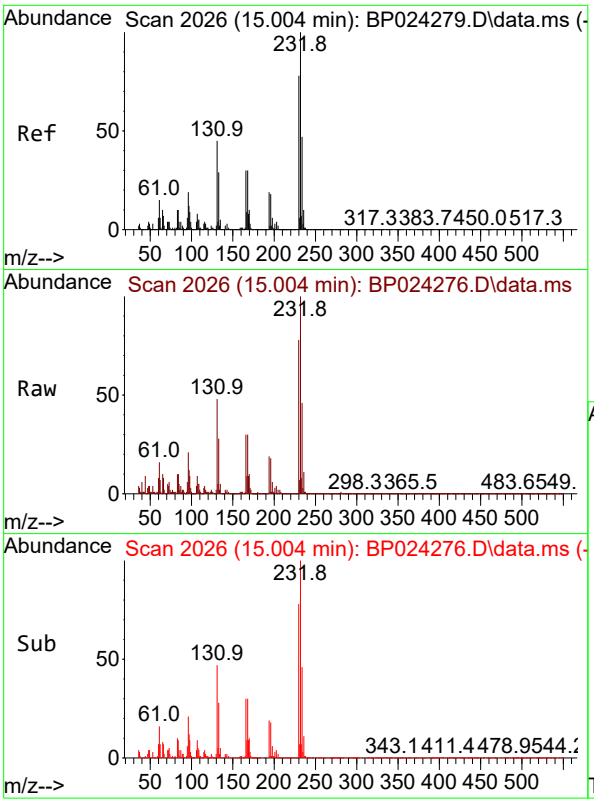


#58
Fluorene
Concen: 4.939 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:166 Resp: 209763

Ion	Ratio	Lower	Upper
166	100		
165	101.0	78.1	117.1
167	13.9	10.9	16.3



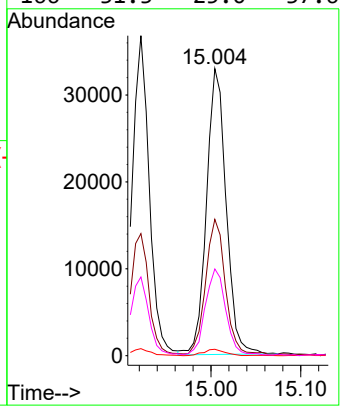


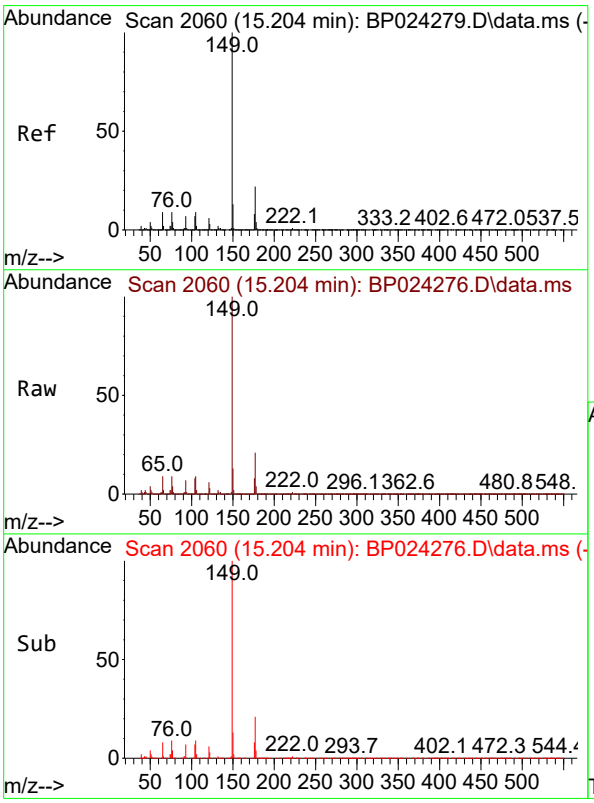
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.415 ng
RT: 15.004 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:232 Resp: 49911

Ion	Ratio	Lower	Upper
232	100		
131	48.4	36.8	55.2
130	2.5	1.9	2.9
166	31.3	25.0	37.6

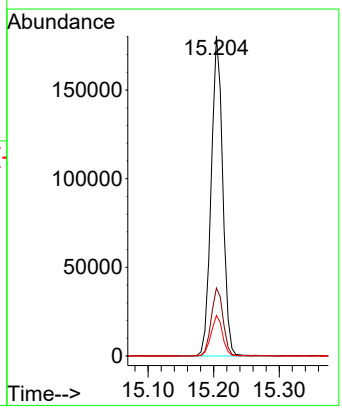


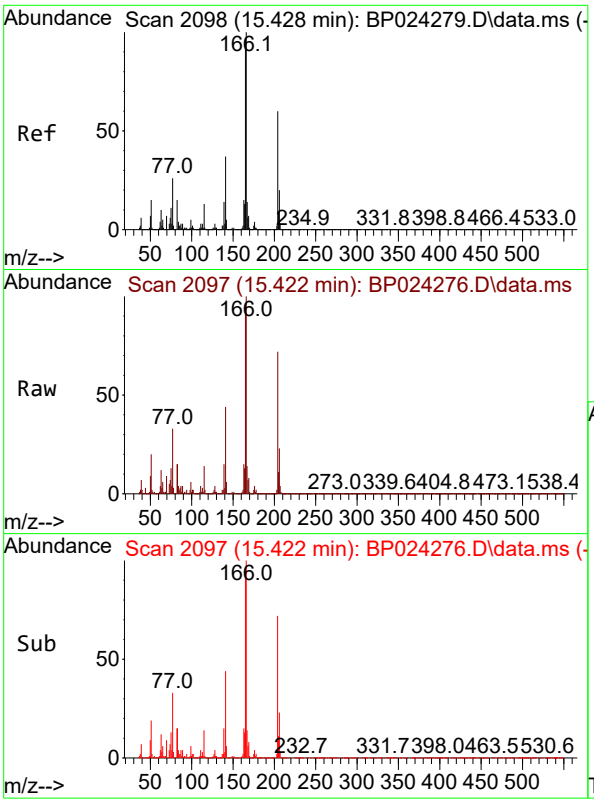


#60
Diethylphthalate
Concen: 4.830 ng
RT: 15.204 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:149 Resp: 221119

Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.4	26.2
150	12.7	10.1	15.1



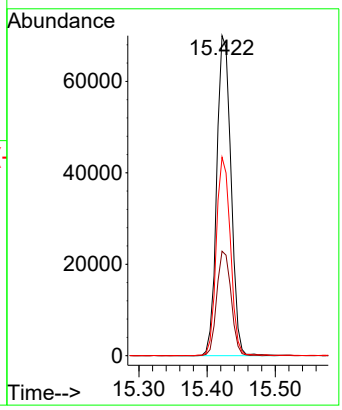


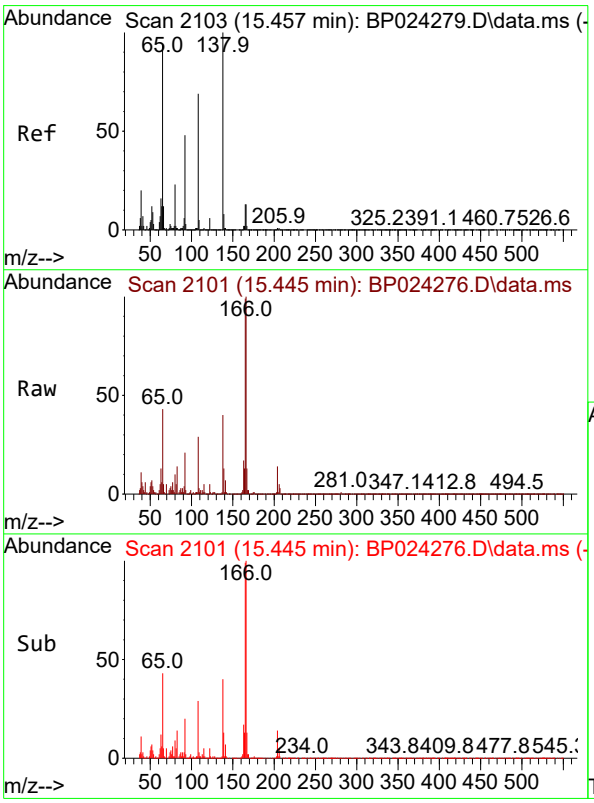
#61
4-Chlorophenyl-phenylether
Concen: 4.928 ng
RT: 15.422 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:204 Resp: 101636

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	62.0	49.4	74.0

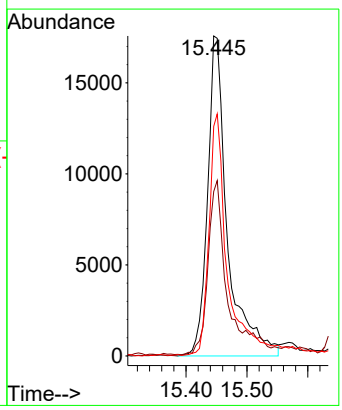


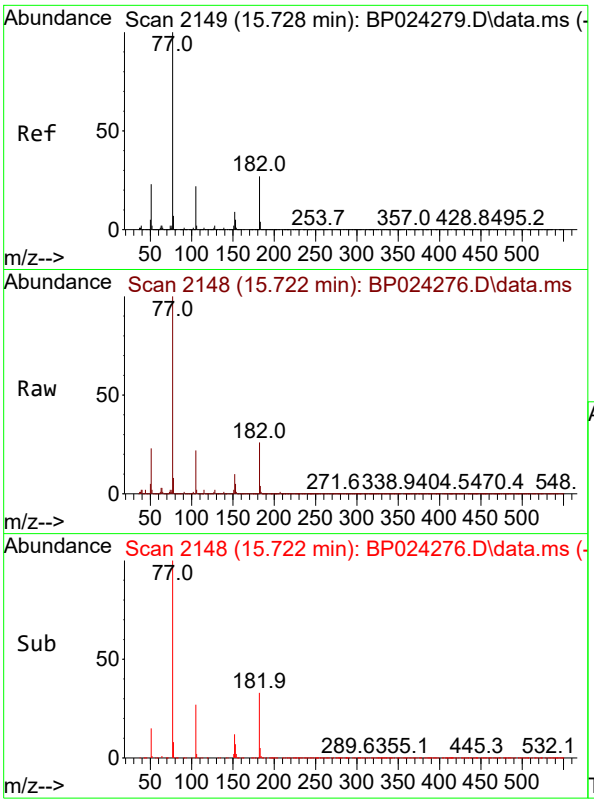


#62
4-Nitroaniline
Concen: 3.893 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.012 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:138 Resp: 40139

Ion	Ratio	Lower	Upper
138	100		
92	51.4	27.8	67.8
108	71.8	48.9	88.9



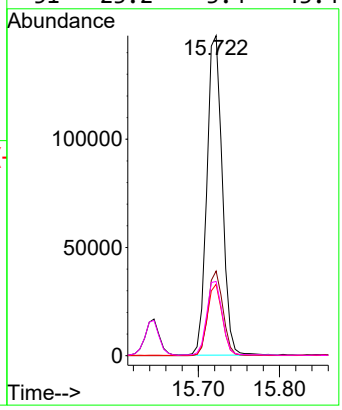


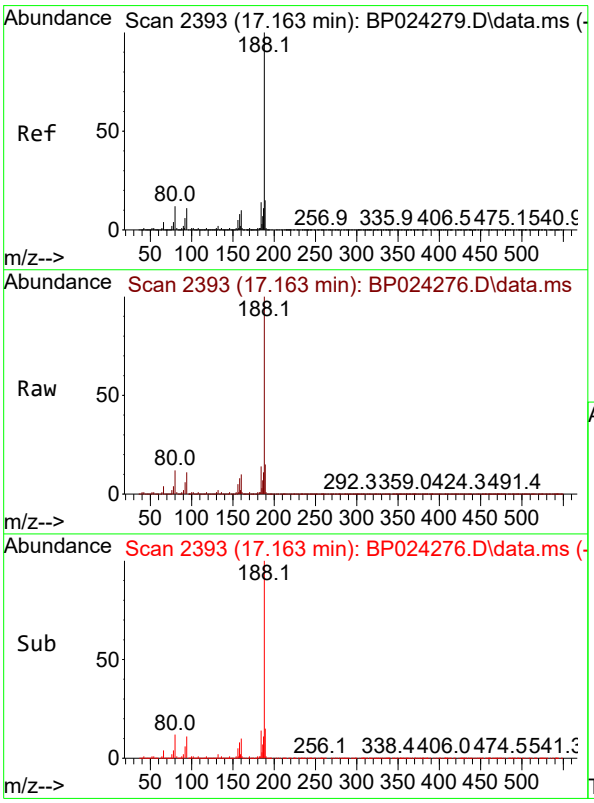
#63
Azobenzene
Concen: 4.586 ng
RT: 15.722 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 193402

Ion	Ratio	Lower	Upper
77	100		
182	26.4	7.3	47.3
105	22.3	2.3	42.3
51	23.2	3.4	43.4

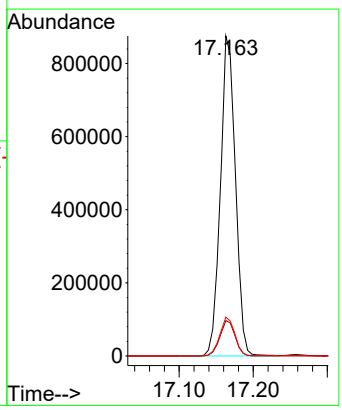


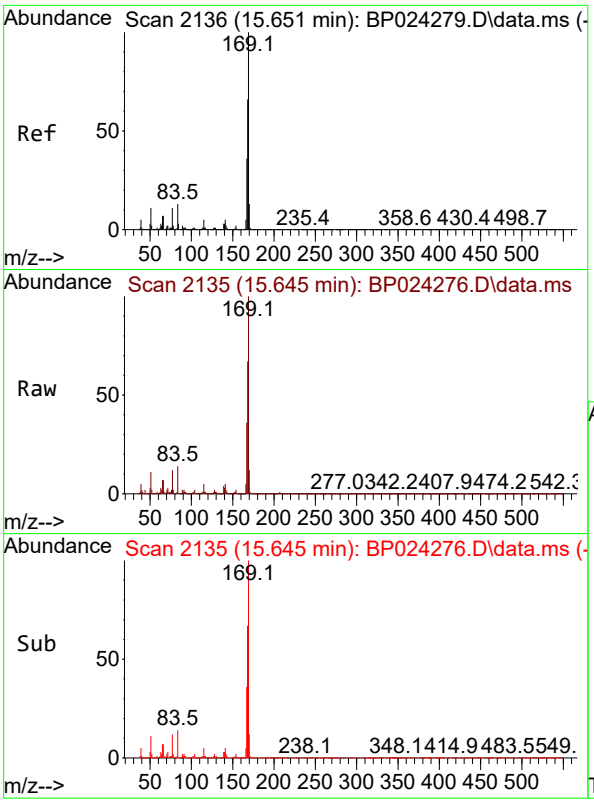


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:188 Resp: 1234074

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.6	13.0
80	12.1	9.8	14.6



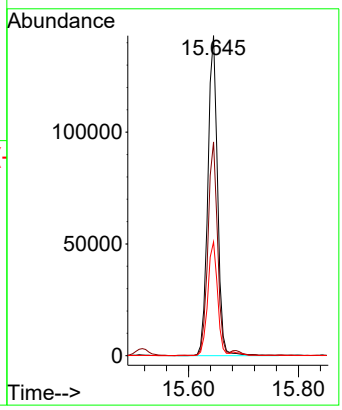


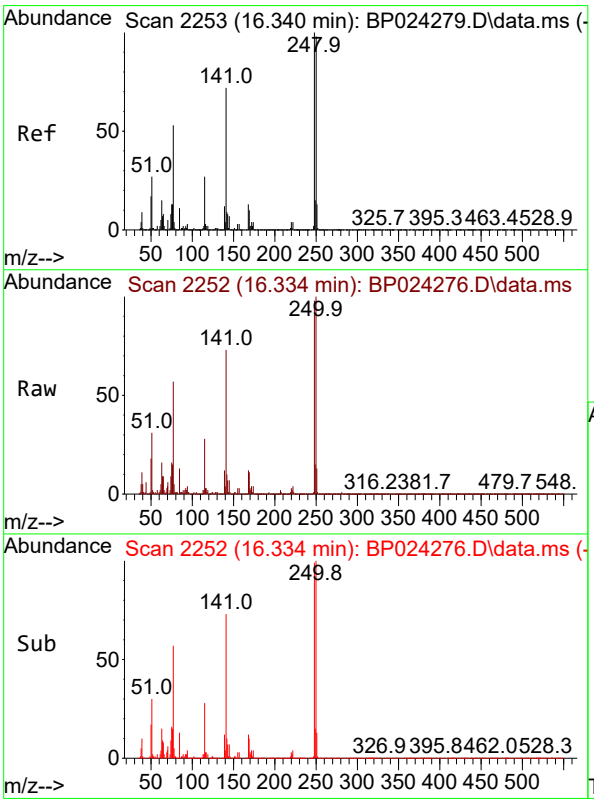
#66
n-Nitrosodiphenylamine
Concen: 4.726 ng
RT: 15.645 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:169 Resp: 174867

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.0	79.4
167	35.6	28.9	43.3

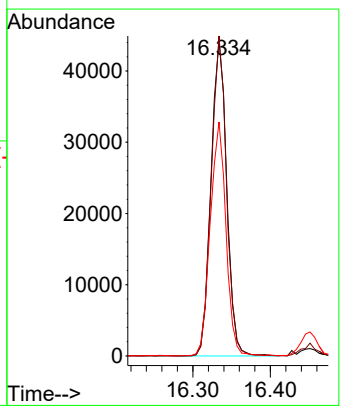


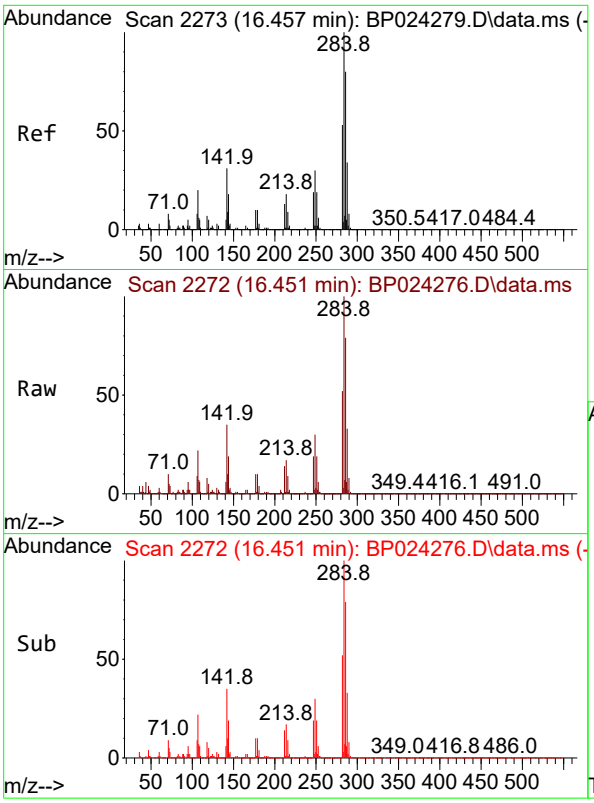


#67
4-Bromophenyl-phenylether
Concen: 4.647 ng
RT: 16.334 min Scan# 2252
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:248 Resp: 62558

Ion	Ratio	Lower	Upper
248	100		
250	101.6	78.2	117.4
141	74.2	57.7	86.5



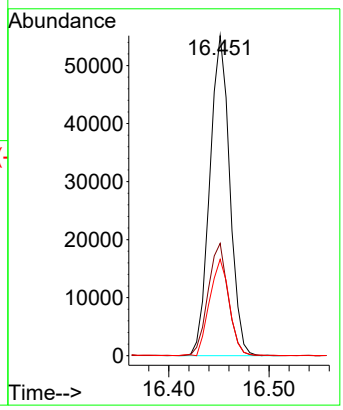


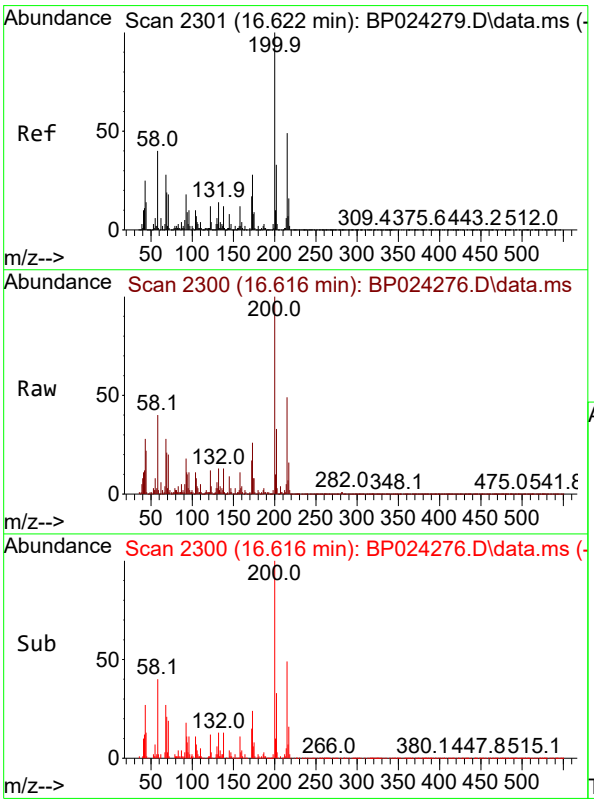
#68
Hexachlorobenzene
Concen: 4.766 ng
RT: 16.451 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:284 Resp: 76267

Ion	Ratio	Lower	Upper
284	100		
142	35.1	24.6	37.0
249	30.1	23.8	35.6

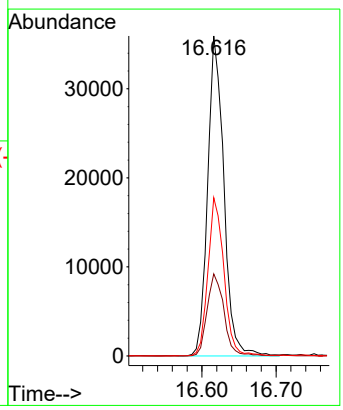


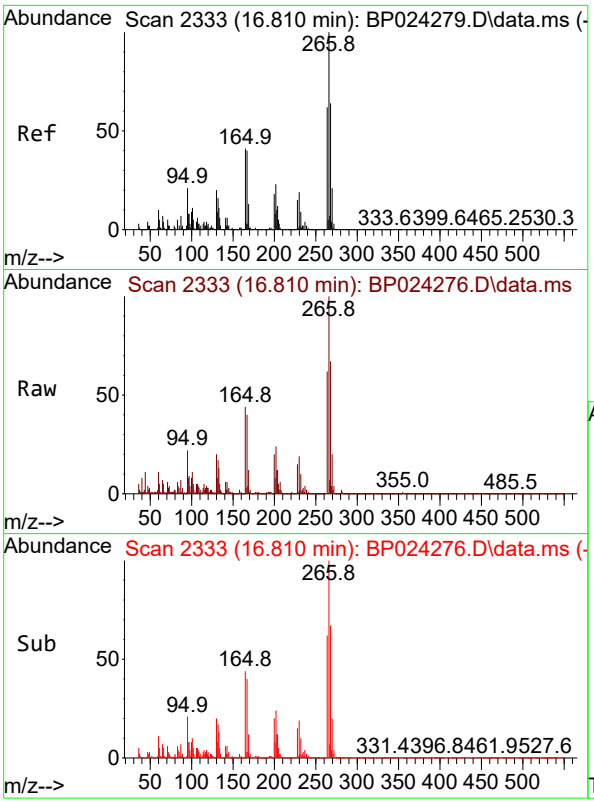


#69
Atrazine
Concen: 5.803 ng
RT: 16.616 min Scan# 2300
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:200 Resp: 54439

Ion	Ratio	Lower	Upper
200	100		
173	25.6	7.5	47.5
215	49.4	28.8	68.8



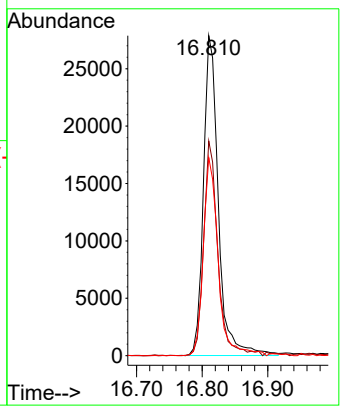


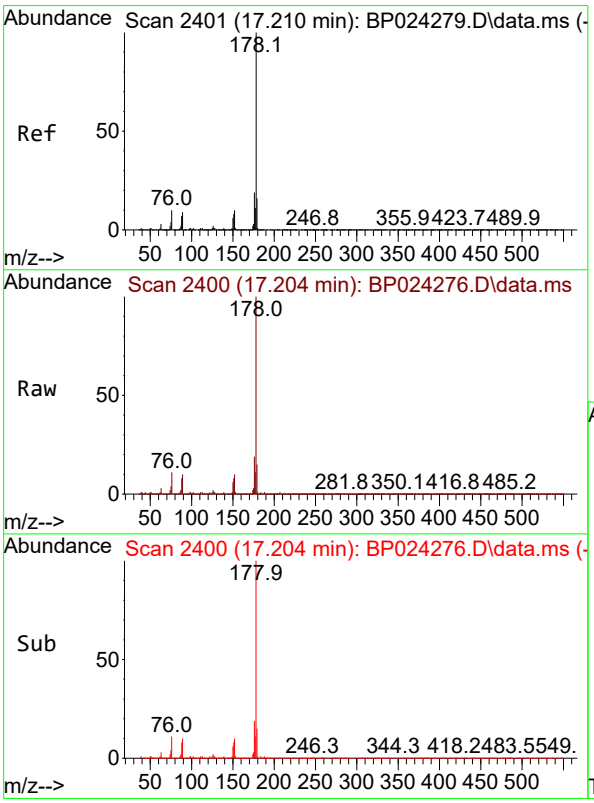
#70
Pentachlorophenol
Concen: 4.015 ng
RT: 16.810 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:266 Resp: 44119

Ion	Ratio	Lower	Upper
266	100		
268	67.1	51.0	76.6
264	61.9	49.8	74.6

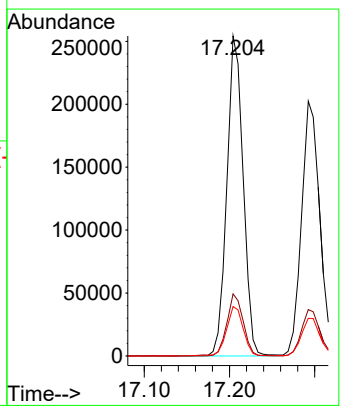


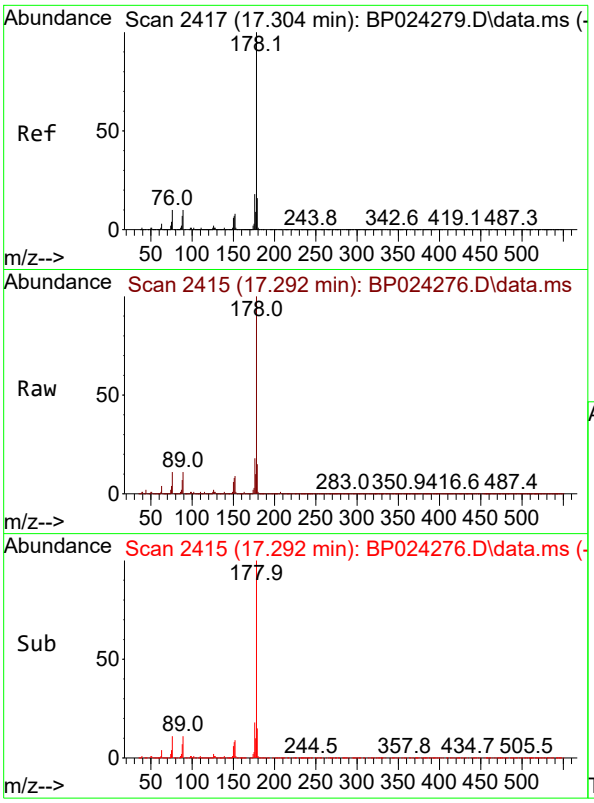


#71
Phenanthrene
Concen: 5.005 ng
RT: 17.204 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:178 Resp: 338611

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.5	12.5	18.7



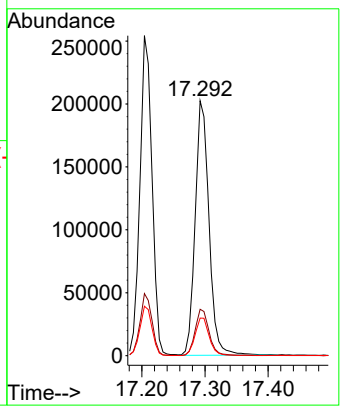


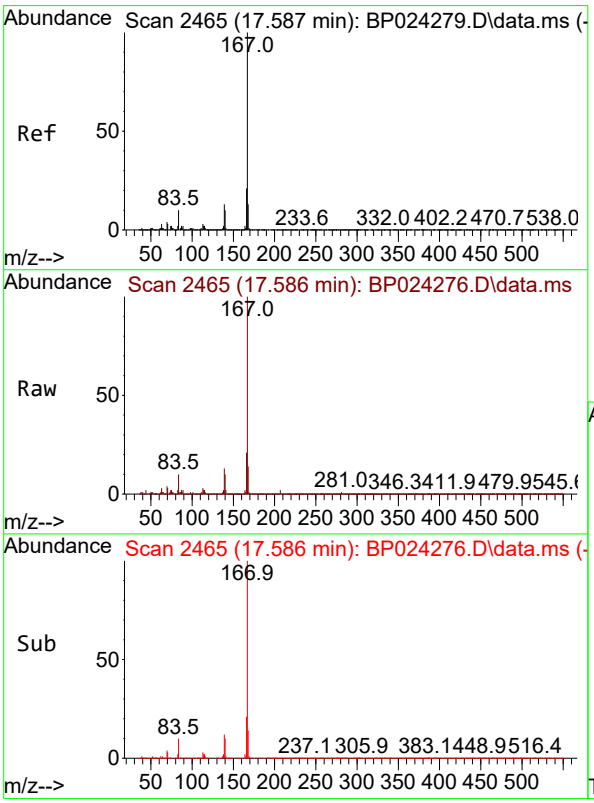
#72
Anthracene
Concen: 4.716 ng
RT: 17.292 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 307065

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	14.8	12.4	18.6

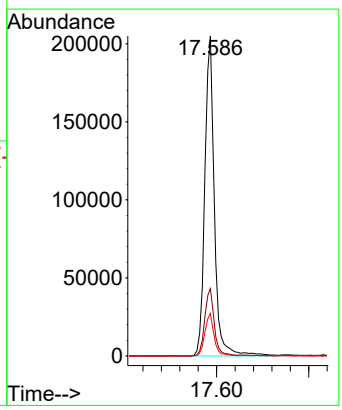


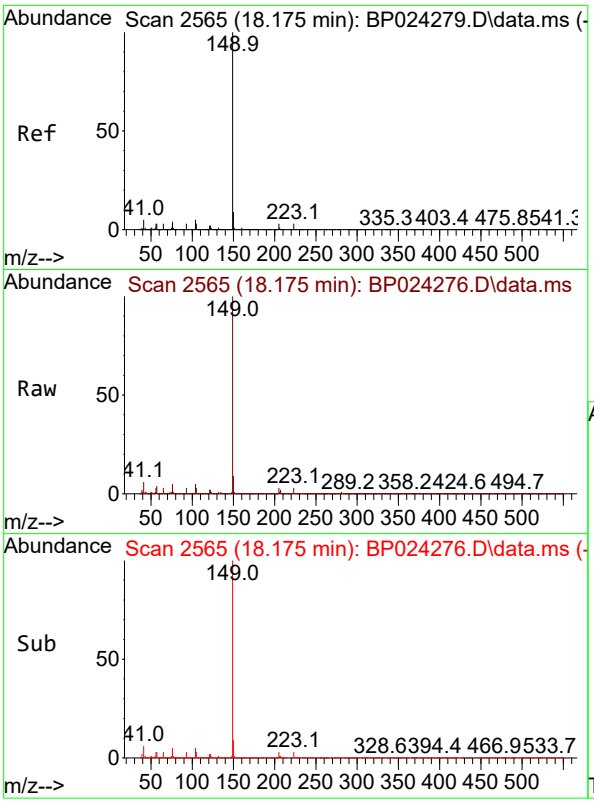


#73
Carbazole
Concen: 4.711 ng
RT: 17.586 min Scan# 2465
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:167 Resp: 298495

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.1	25.7
139	13.3	10.6	16.0



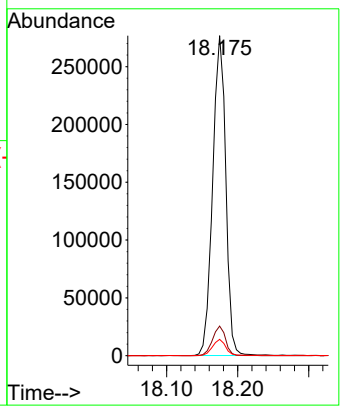


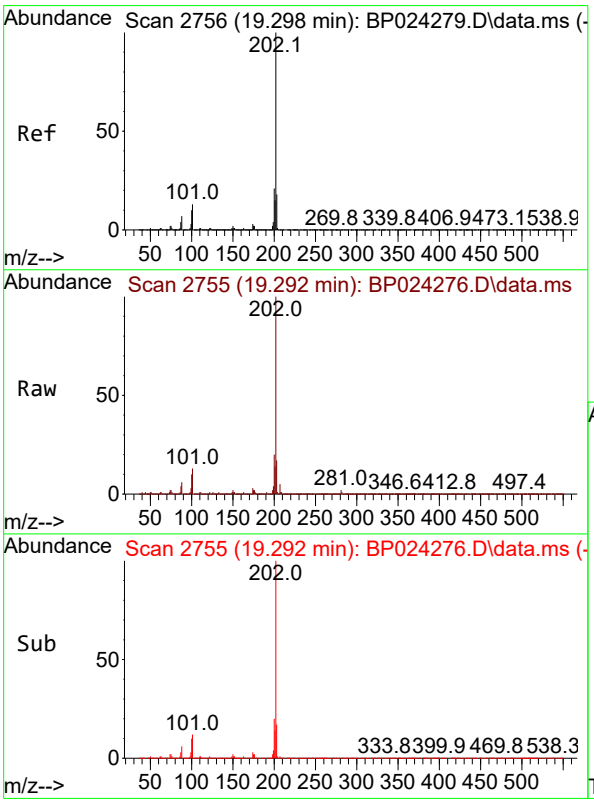
#74
Di-n-butylphthalate
Concen: 4.484 ng
RT: 18.175 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 354008

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.1	3.9	5.9

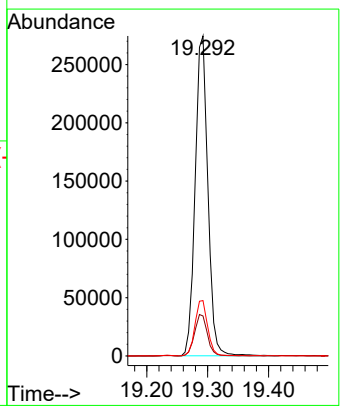


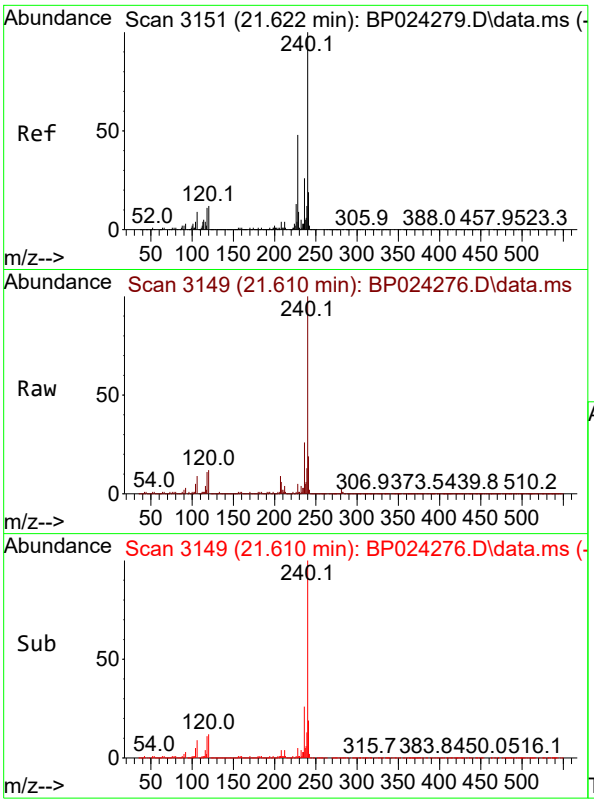


#75
Fluoranthene
Concen: 4.951 ng
RT: 19.292 min Scan# 2755
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:202 Resp: 397601

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.2
203	17.3	0.0	37.7



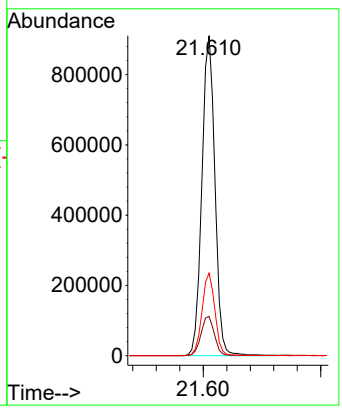


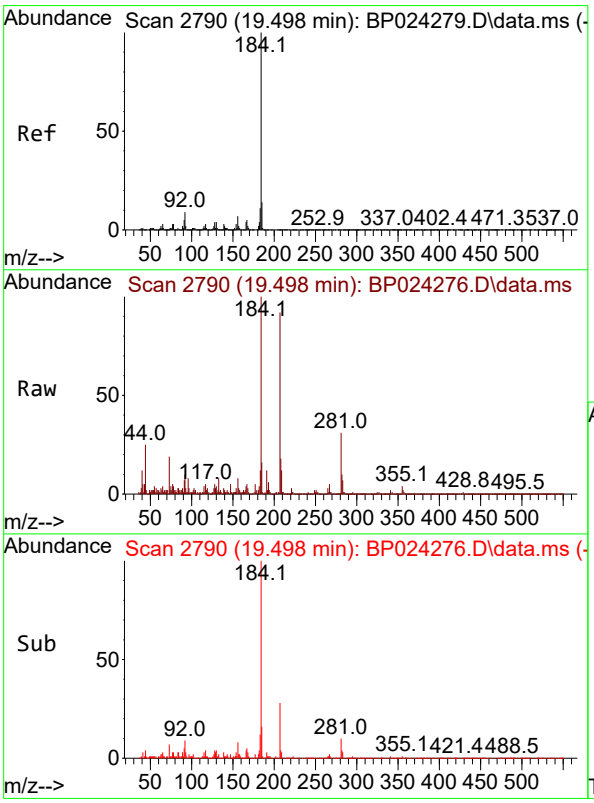
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.610 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 1401979

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.8	14.8
236	25.8	20.9	31.3

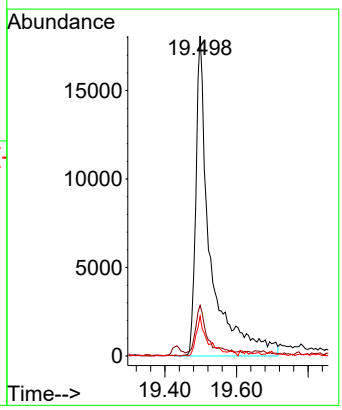


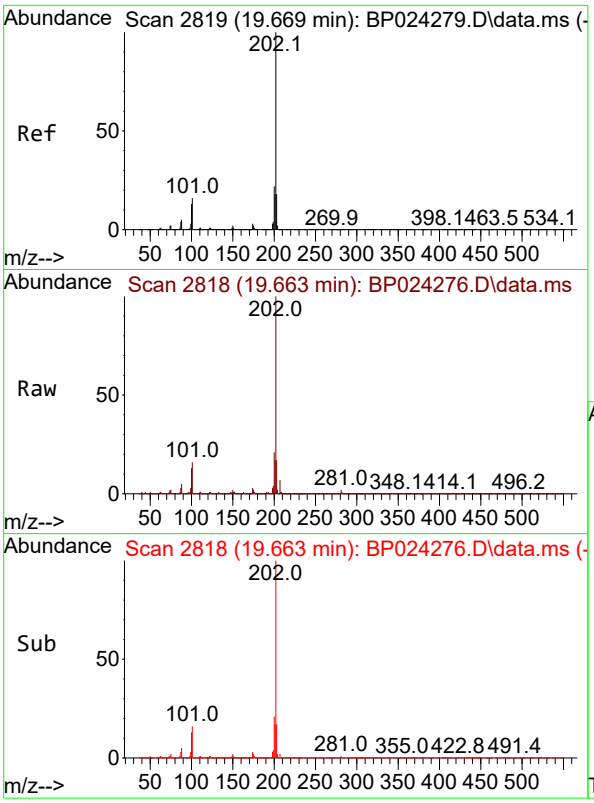


#77
Benzidine
Concen: 2.925 ng m
RT: 19.498 min Scan# 2790
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:184 Resp: 50615

Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.6	17.4
183	12.4	9.2	13.8



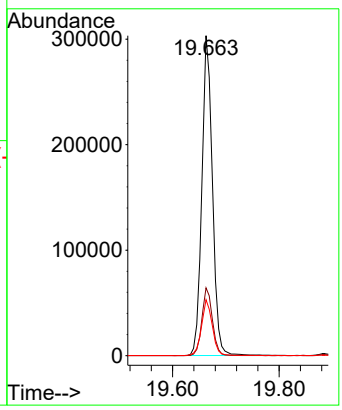


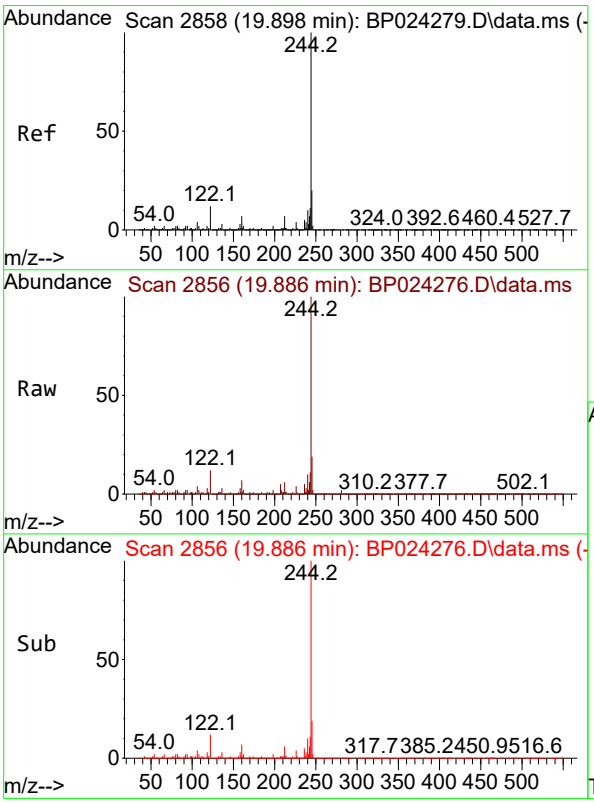
#78
Pyrene
Concen: 4.657 ng
RT: 19.663 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 417746

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.2	25.8
203	17.5	14.4	21.6

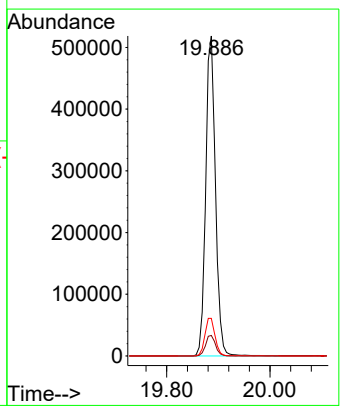


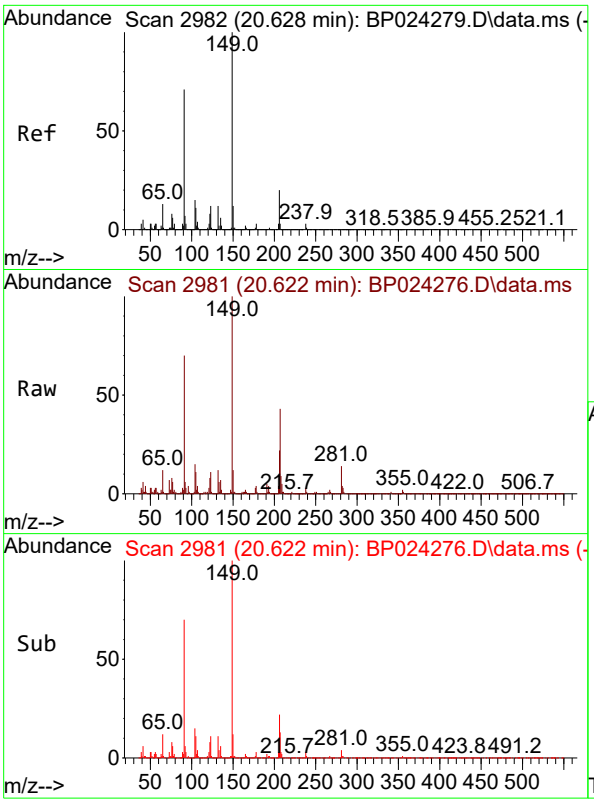


#79
Terphenyl-d14
Concen: 9.638 ng
RT: 19.886 min Scan# 2856
Delta R.T. -0.012 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:244 Resp: 677812

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	11.7	9.4	14.0



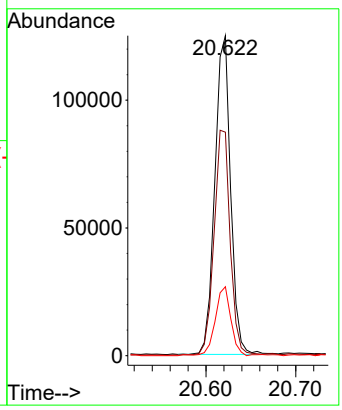


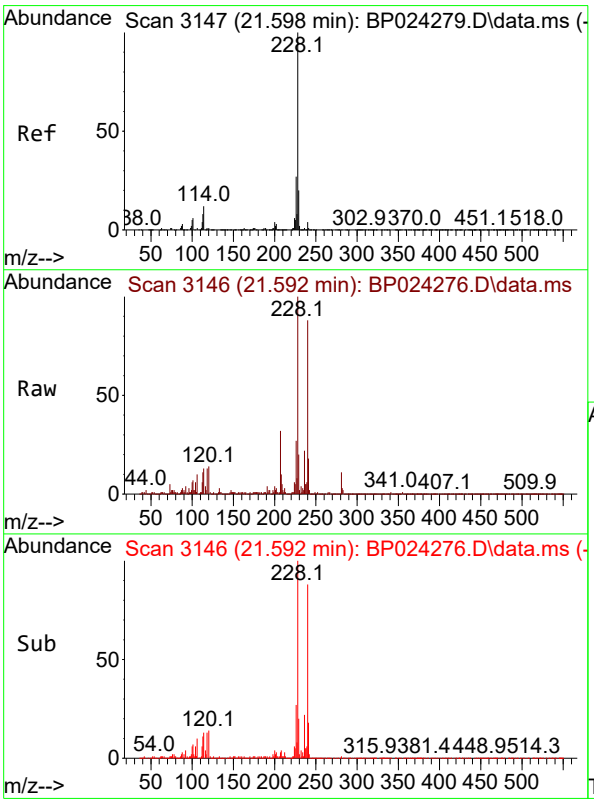
#80
Butylbenzylphthalate
Concen: 4.024 ng
RT: 20.622 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 152196

Ion	Ratio	Lower	Upper
149	100		
91	69.9	56.4	84.6
206	21.6	16.3	24.5

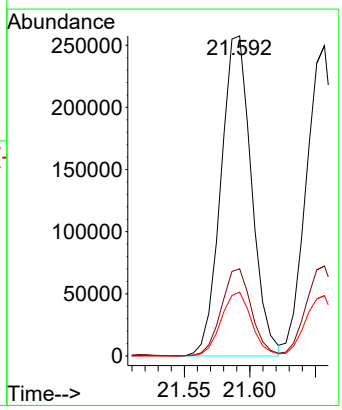


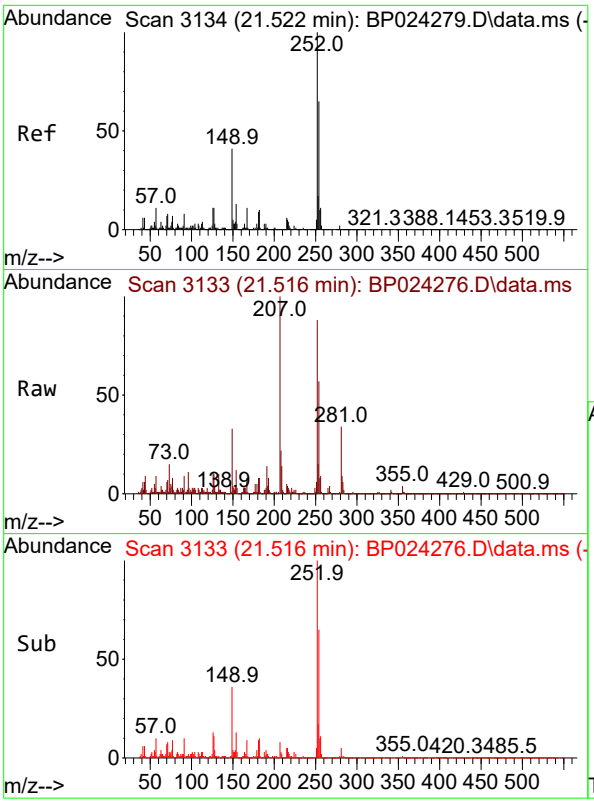


#81
Benzo(a)anthracene
Concen: 4.791 ng
RT: 21.592 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:228 Resp: 418745

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	20.0	15.9	23.9



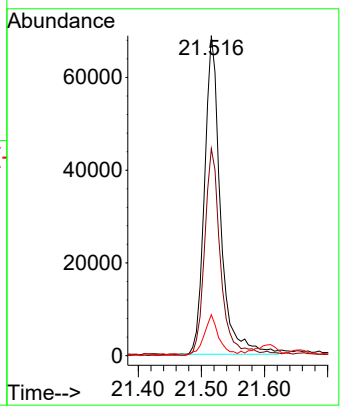


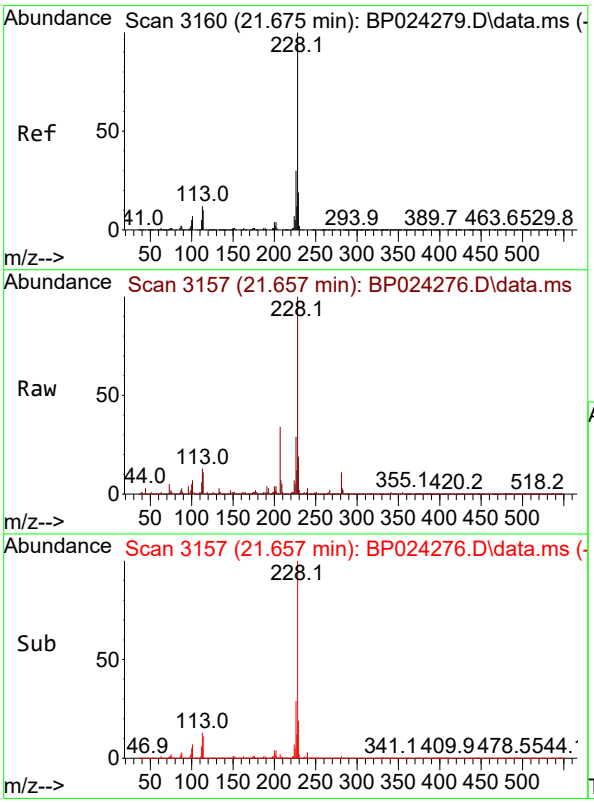
#82
3,3'-Dichlorobenzidine
Concen: 3.994 ng
RT: 21.516 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 121047

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.7	77.5
126	12.8	8.8	13.2

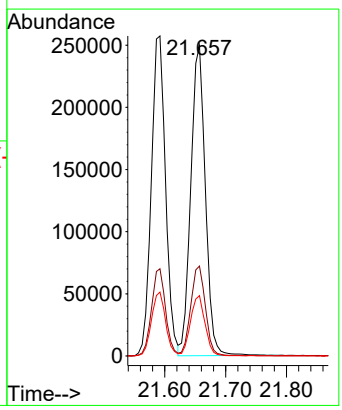


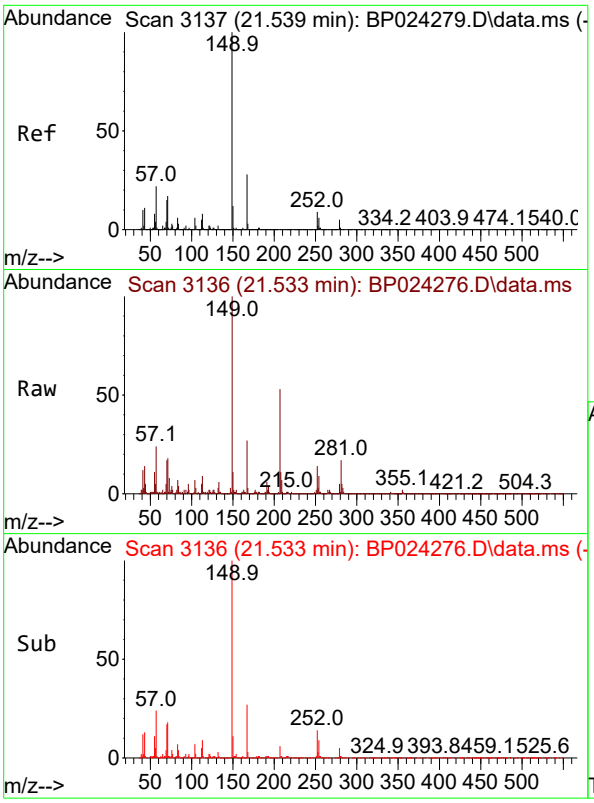


#83
Chrysene
Concen: 4.937 ng
RT: 21.657 min Scan# 3157
Delta R.T. -0.018 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:228 Resp: 413570

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.2	36.2
229	19.4	15.6	23.4



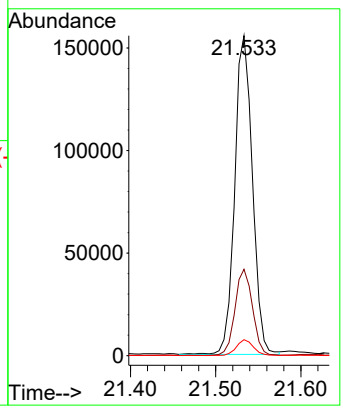


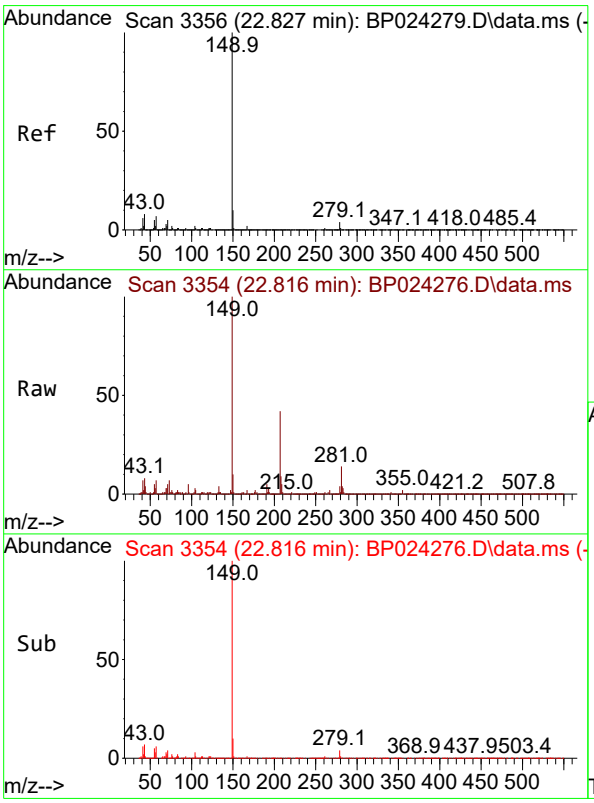
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.021 ng
RT: 21.533 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 223960

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.4	33.6
279	5.0	4.0	6.0

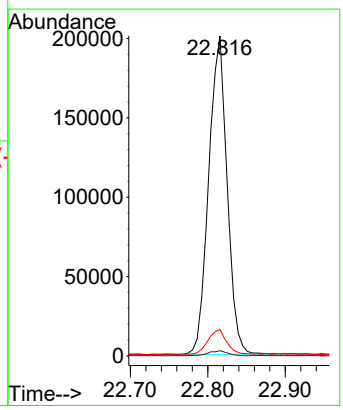


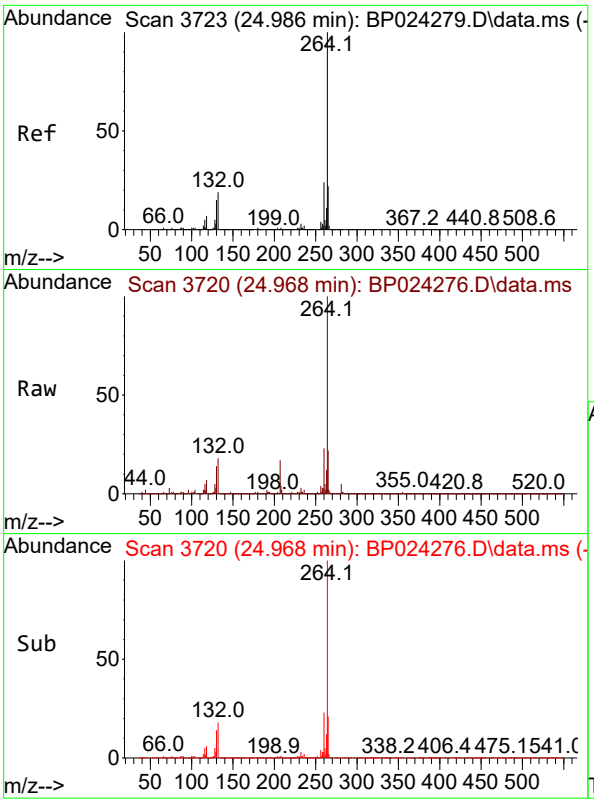


#85
Di-n-octyl phthalate
Concen: 3.712 ng
RT: 22.816 min Scan# 3354
Delta R.T. -0.012 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:149 Resp: 331185

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.9	6.0	9.0



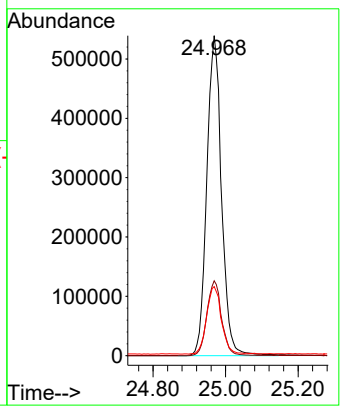


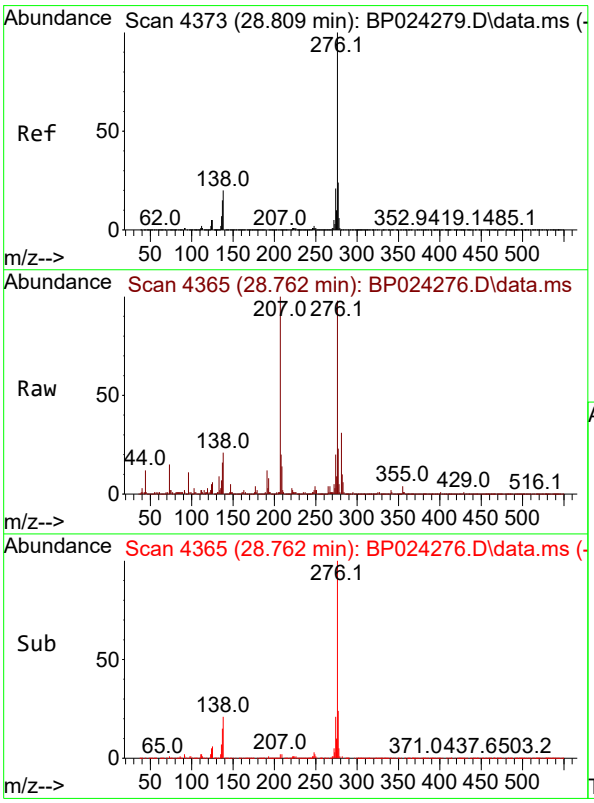
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.968 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:264 Resp: 1519057

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.6	17.8	26.6

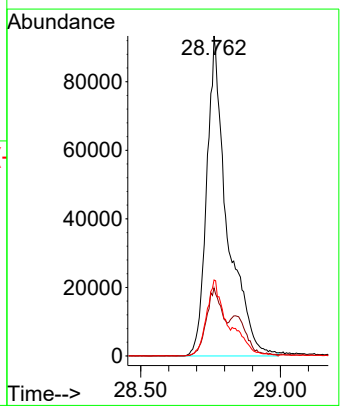


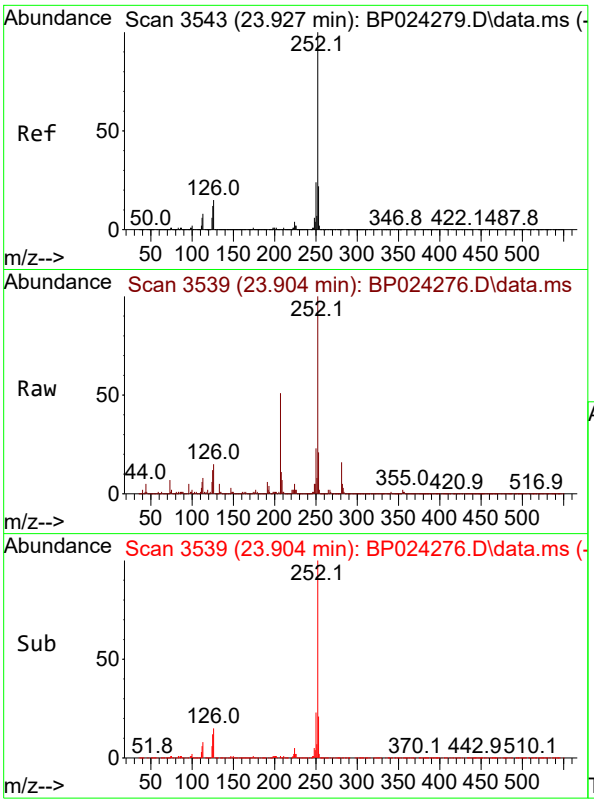


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.552 ng
RT: 28.762 min Scan# 4365
Delta R.T. -0.047 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:276 Resp: 475578

Ion	Ratio	Lower	Upper
276	100		
138	16.7	14.5	21.7
277	19.3	20.2	30.2#



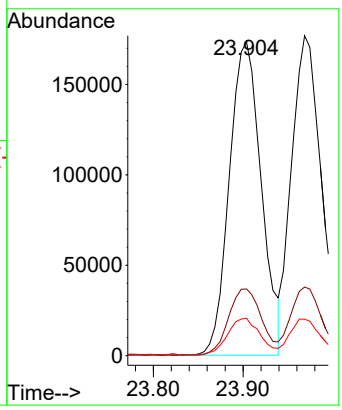


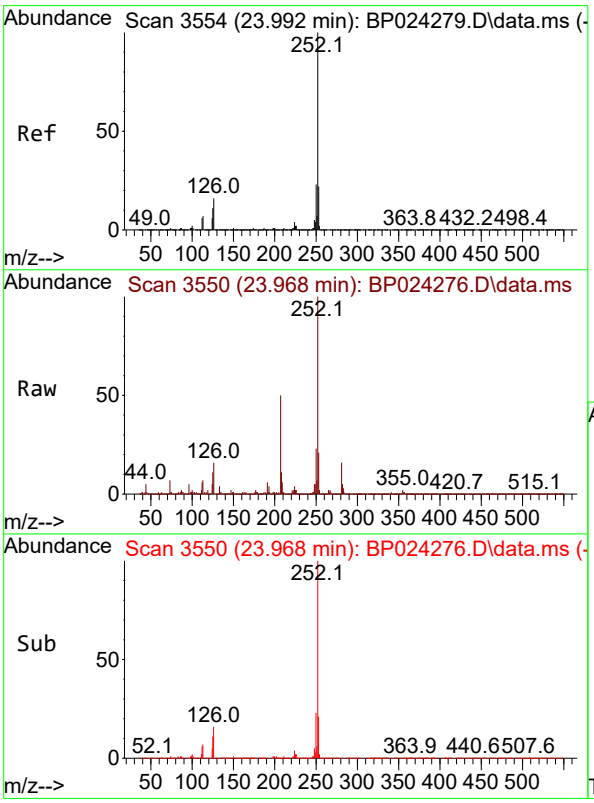
#88
Benzo(b)fluoranthene
Concen: 4.723 ng
RT: 23.904 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 429214

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.7	26.5
125	11.9	9.4	14.0

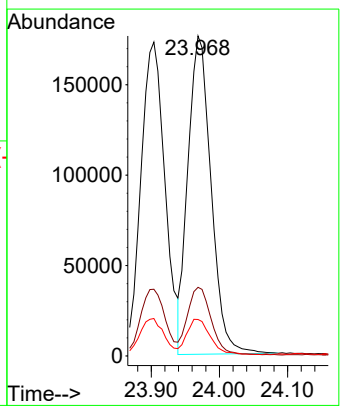


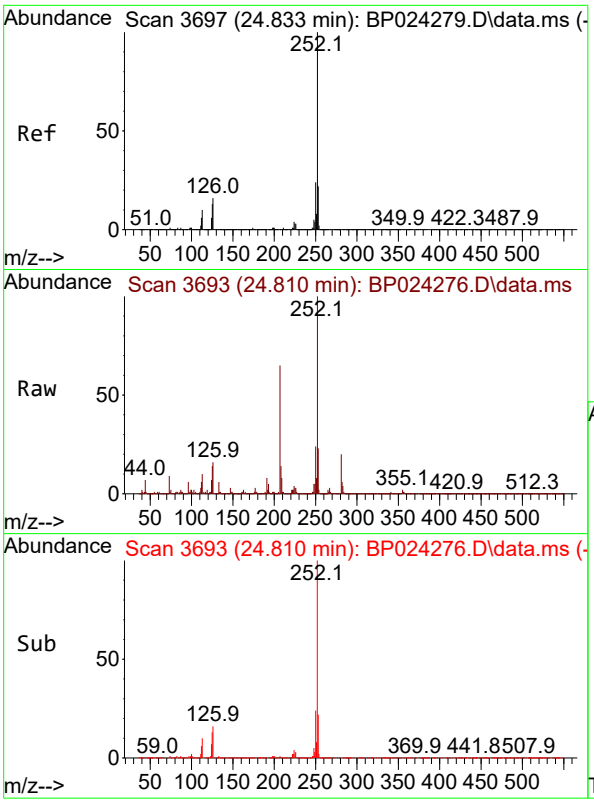


#89
Benzo(k)fluoranthene
Concen: 4.686 ng
RT: 23.968 min Scan# 3550
Delta R.T. -0.024 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:252 Resp: 413302

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	11.4	9.1	13.7



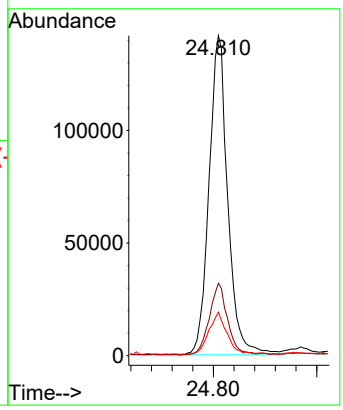


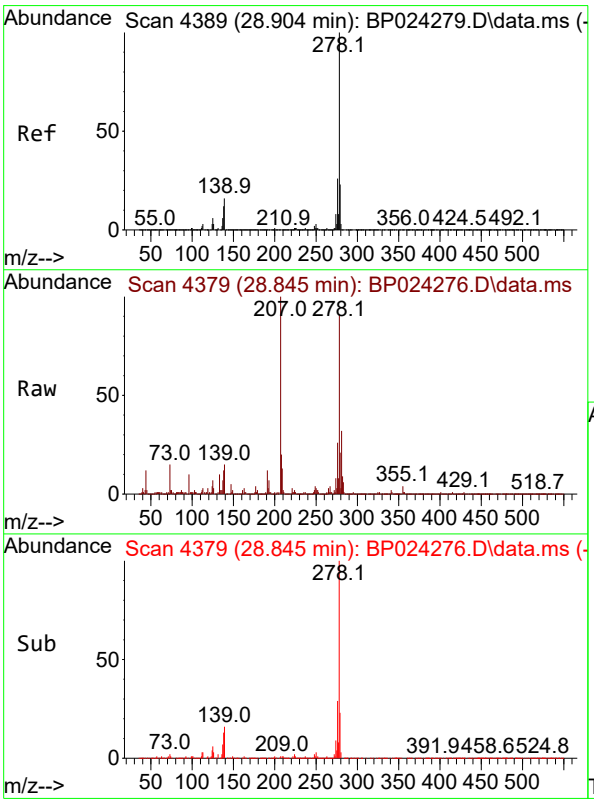
#90
Benzo(a)pyrene
Concen: 4.559 ng
RT: 24.810 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 356658

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	13.6	10.1	15.1

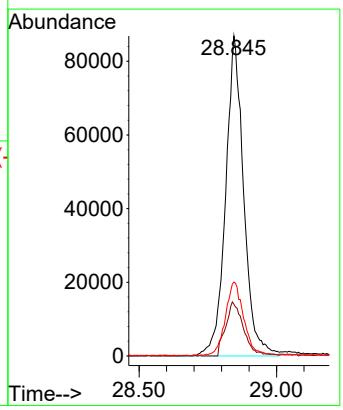


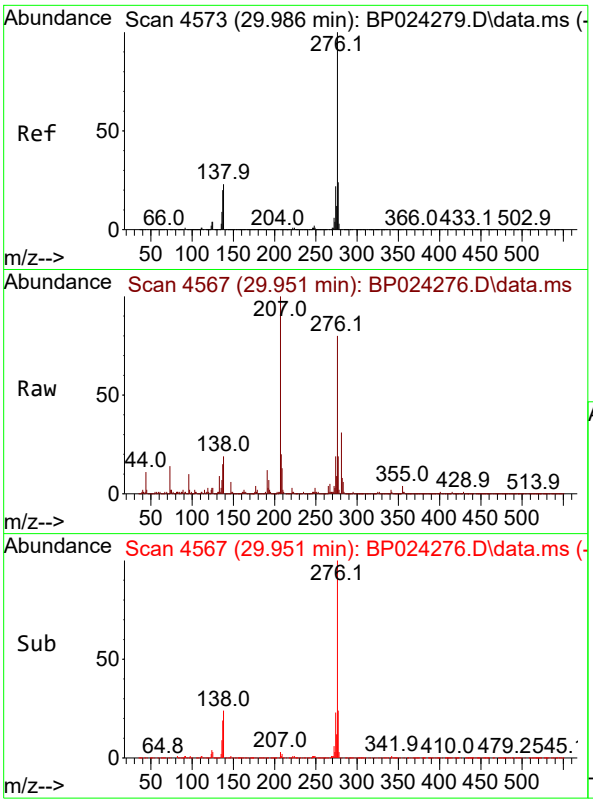


#91
Dibenzo(a,h)anthracene
Concen: 4.571 ng
RT: 28.845 min Scan# 4379
Delta R.T. -0.059 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:278 Resp: 397247

Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.6	19.0
279	23.1	18.5	27.7



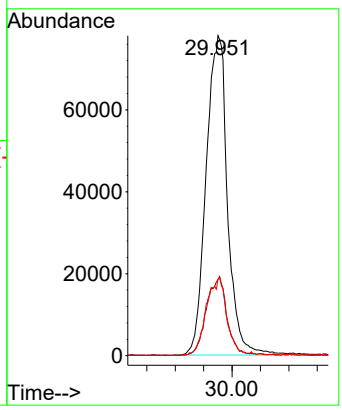


#92
Benzo(g,h,i)perylene
Concen: 4.607 ng
RT: 29.951 min Scan# 4
Delta R.T. -0.035 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 407522

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	23.8	18.7	28.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024277.D
Acq On : 14 Apr 2025 12:27
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Apr 14 17:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.734	152	237860	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	1022895	20.000	ng		0.00
39) Acenaphthene-d10	14.363	164	658652	20.000	ng		0.00
64) Phenanthrene-d10	17.163	188	1310701	20.000	ng		0.00
76) Chrysene-d12	21.616	240	1408913	20.000	ng		0.00
86) Perylene-d12	24.980	264	1508235	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	272237	18.889	ng		0.00
7) Phenol-d6	6.910	99	369199	18.725	ng		0.00
23) Nitrobenzene-d5	8.881	82	345094	19.207	ng		0.00
42) 2,4,6-Tribromophenol	15.886	330	168790	18.715	ng		0.00
45) 2-Fluorobiphenyl	12.975	172	878366	20.247	ng		0.00
79) Terphenyl-d14	19.892	244	1405643	19.888	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	61433	9.984	ng		98
3) Pyridine	3.693	79	152243	9.506	ng		99
4) n-Nitrosodimethylamine	3.599	42	52702	9.868	ng	#	98
6) Aniline	7.069	93	176840	9.935	ng		99
8) 2-Chlorophenol	7.305	128	154194	9.573	ng		100
9) Benzaldehyde	6.887	77	111093m	10.879	ng		
10) Phenol	6.940	94	186113	9.401	ng		97
11) bis(2-Chloroethyl)ether	7.157	93	156684	9.794	ng		98
12) 1,3-Dichlorobenzene	7.622	146	176712	10.126	ng		97
13) 1,4-Dichlorobenzene	7.769	146	177067	10.006	ng		99
14) 1,2-Dichlorobenzene	8.081	146	171376	10.016	ng		99
15) Benzyl Alcohol	7.969	79	111176	8.797	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.252	45	177896	10.221	ng		98
17) 2-Methylphenol	8.175	107	119161	9.340	ng		98
18) Hexachloroethane	8.804	117	63912	10.007	ng		98
19) n-Nitroso-di-n-propyla...	8.528	70	119861	9.787	ng		100
20) 3+4-Methylphenols	8.499	107	162332	9.187	ng		99
22) Acetophenone	8.546	105	248823	9.787	ng		99
24) Nitrobenzene	8.922	77	170770	9.590	ng		98
25) Isophorone	9.446	82	307272	9.473	ng		99
26) 2-Nitrophenol	9.628	139	73320	8.575	ng		96
27) 2,4-Dimethylphenol	9.693	122	99186	9.152	ng		97
28) bis(2-Chloroethoxy)met...	9.922	93	217866	9.869	ng		99
29) 2,4-Dichlorophenol	10.163	162	136816	9.263	ng		99
30) 1,2,4-Trichlorobenzene	10.369	180	155965	9.760	ng		100
31) Naphthalene	10.557	128	538892	9.953	ng		99
32) Benzoic acid	9.781	122	94803m	8.095	ng		
33) 4-Chloroaniline	10.669	127	178451	9.433	ng		99
34) Hexachlorobutadiene	10.845	225	92662	9.885	ng		99
35) Caprolactam	11.440	113	47014	8.670	ng		98
36) 4-Chloro-3-methylphenol	11.798	107	158563	9.213	ng		99
37) 2-Methylnaphthalene	12.169	142	368122	9.810	ng		98
38) 1-Methylnaphthalene	12.387	142	365139	9.933	ng		100
40) 1,2,4,5-Tetrachloroben...	12.540	216	177188	9.789	ng		100
41) Hexachlorocyclopentadiene	12.516	237	60914	9.586	ng		96
43) 2,4,6-Trichlorophenol	12.781	196	110203	9.253	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024277.D
Acq On : 14 Apr 2025 12:27
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Apr 14 17:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

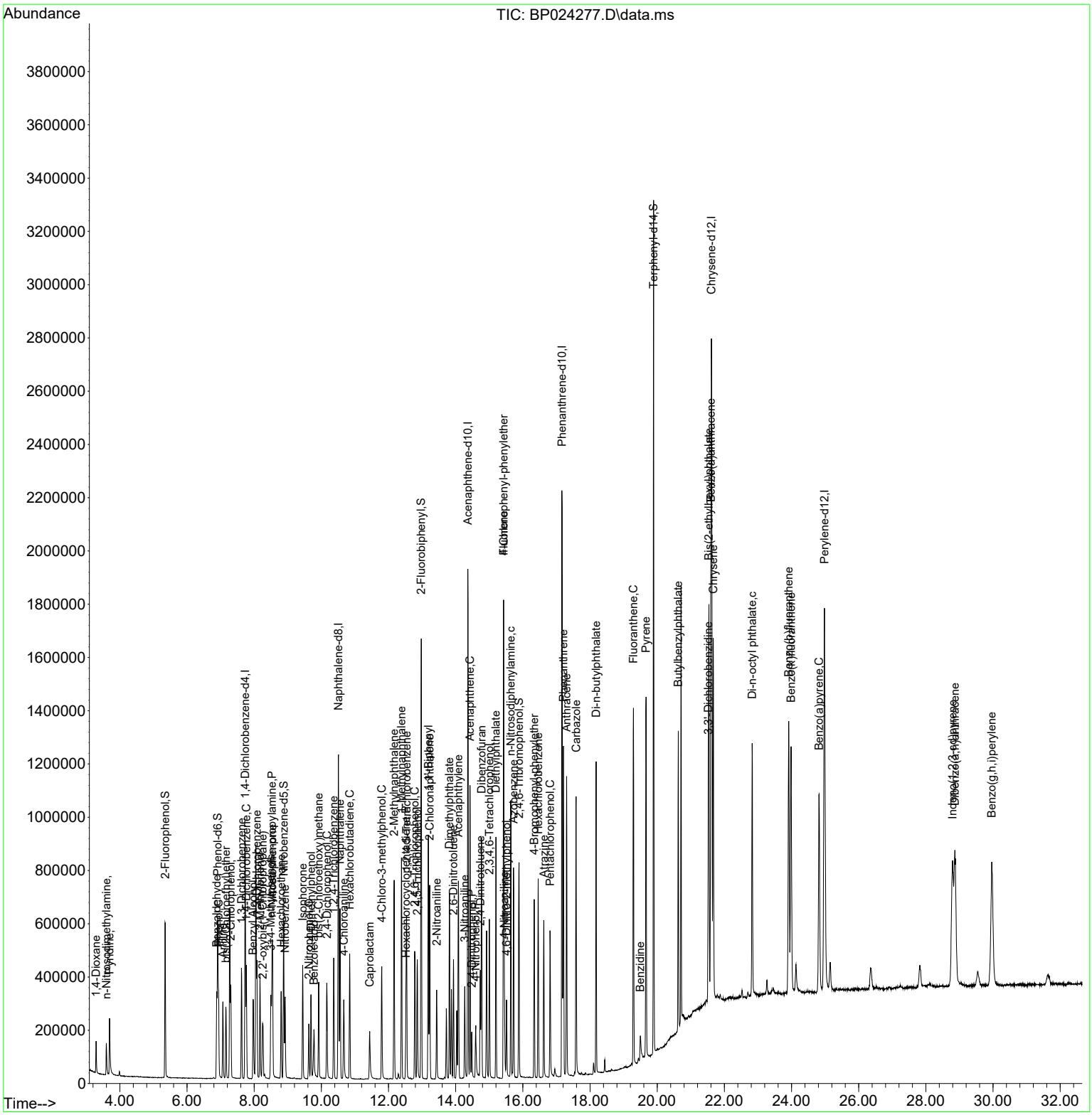
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	122104	9.251	ng		98
46) 1,1'-Biphenyl	13.187	154	490325	10.080	ng		100
47) 2-Chloronaphthalene	13.228	162	362419	9.985	ng		98
48) 2-Nitroaniline	13.434	65	88889	8.866	ng		95
49) Acenaphthylene	14.081	152	553215	9.711	ng		100
50) Dimethylphthalate	13.816	163	466314	9.704	ng		99
51) 2,6-Dinitrotoluene	13.934	165	95596	9.442	ng		96
52) Acenaphthene	14.428	154	357828	9.877	ng		99
53) 3-Nitroaniline	14.269	138	95237	9.067	ng		97
54) 2,4-Dinitrophenol	14.481	184	41132	7.588	ng		97
55) Dibenzofuran	14.769	168	594953	10.013	ng		99
56) 4-Nitrophenol	14.598	139	75995	8.416	ng		95
57) 2,4-Dinitrotoluene	14.734	165	121276	8.862	ng	#	95
58) Fluorene	15.428	166	459952	10.026	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	115645	9.470	ng		100
60) Diethylphthalate	15.198	149	488847	9.884	ng		100
61) 4-Chlorophenyl-phenyle...	15.428	204	222437	9.985	ng		97
62) 4-Nitroaniline	15.451	138	98638	8.857	ng		93
63) Azobenzene	15.722	77	455459	9.999	ng		96
65) 4,6-Dinitro-2-methylph...	15.516	198	62421	8.151	ng		96
66) n-Nitrosodiphenylamine	15.639	169	383558	9.759	ng		99
67) 4-Bromophenyl-phenylether	16.339	248	138724	9.703	ng		97
68) Hexachlorobenzene	16.457	284	161944	9.528	ng		98
69) Atrazine	16.628	200	109503	10.990	ng		98
70) Pentachlorophenol	16.810	266	101318	8.682	ng		96
71) Phenanthrene	17.210	178	711407	9.900	ng		99
72) Anthracene	17.304	178	666269	9.635	ng		100
73) Carbazole	17.586	167	654205	9.721	ng		99
74) Di-n-butylphthalate	18.180	149	806280	9.616	ng		99
75) Fluoranthene	19.292	202	835153	9.791	ng		98
77) Benzidine	19.498	184	99659	5.730	ng		99
78) Pyrene	19.669	202	870767	9.659	ng		99
80) Butylbenzylphthalate	20.627	149	343670	9.043	ng		99
81) Benzo(a)anthracene	21.598	228	854983	9.734	ng		98
82) 3,3'-Dichlorobenzidine	21.521	252	269772	8.857	ng		98
83) Chrysene	21.668	228	832263	9.887	ng		100
84) Bis(2-ethylhexyl)phtha...	21.539	149	517894	9.253	ng		99
85) Di-n-octyl phthalate	22.827	149	769654	8.584	ng		99
87) Indeno(1,2,3-cd)pyrene	28.792	276	983323	9.480	ng		99
88) Benzo(b)fluoranthene	23.915	252	885212	9.810	ng		99
89) Benzo(k)fluoranthene	23.986	252	852606	9.735	ng		99
90) Benzo(a)pyrene	24.815	252	732209	9.426	ng		99
91) Dibenzo(a,h)anthracene	28.862	278	821160	9.517	ng		99
92) Benzo(g,h,i)perylene	29.962	276	836993	9.530	ng		99

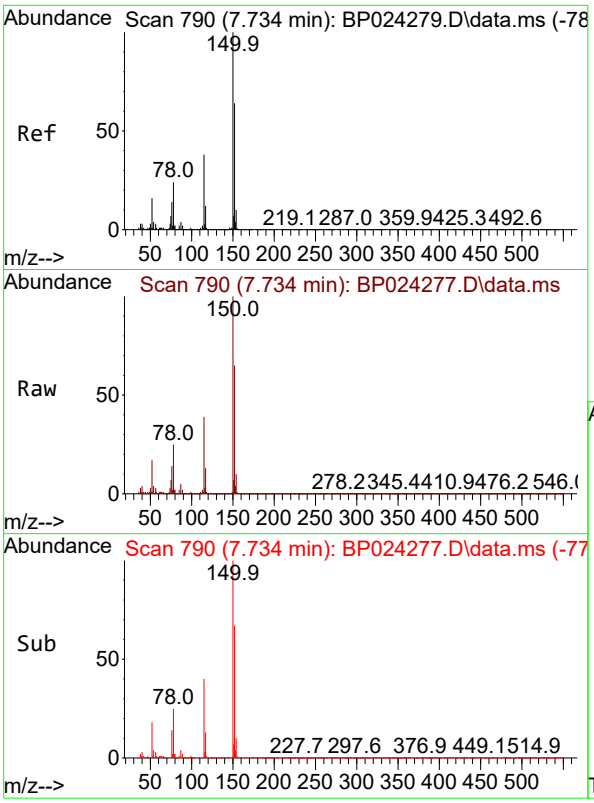
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024277.D
Acq On : 14 Apr 2025 12:27
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Apr 14 17:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration



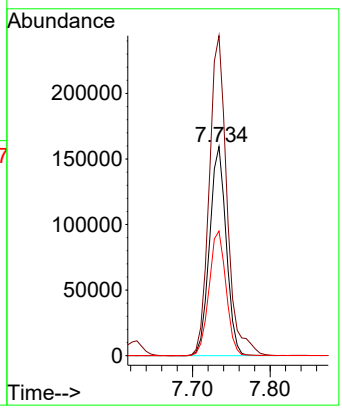


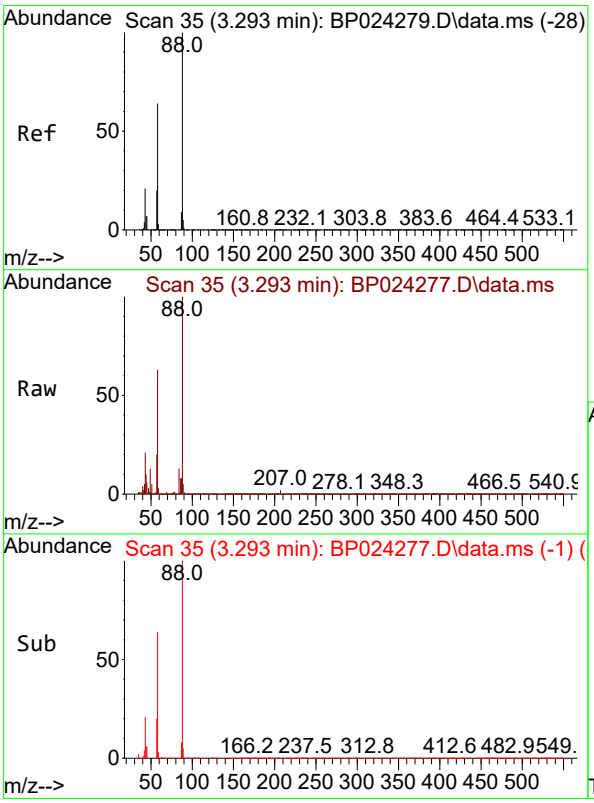
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 237860

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.9	187.3
115	59.6	47.7	71.5

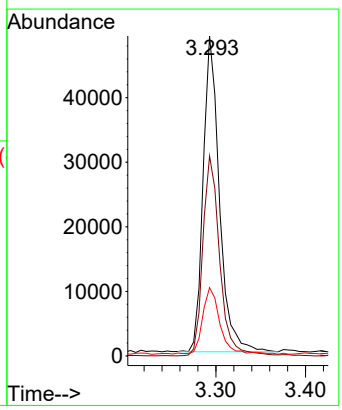


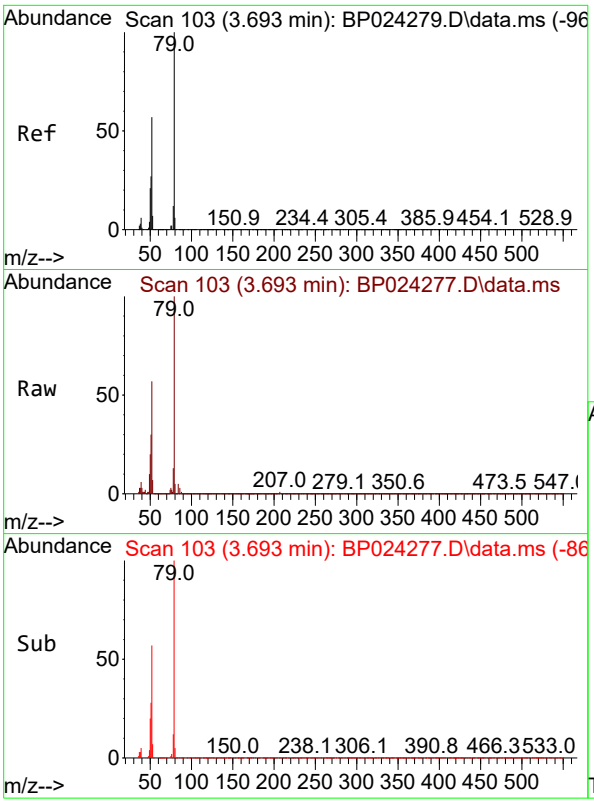


#2
1,4-Dioxane
Concen: 9.984 ng
RT: 3.293 min Scan# 35
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion: 88 Resp: 61433

Ion	Ratio	Lower	Upper
88	100		
58	65.6	51.4	77.2
43	22.9	17.1	25.7



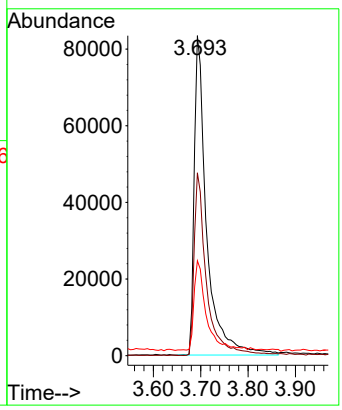


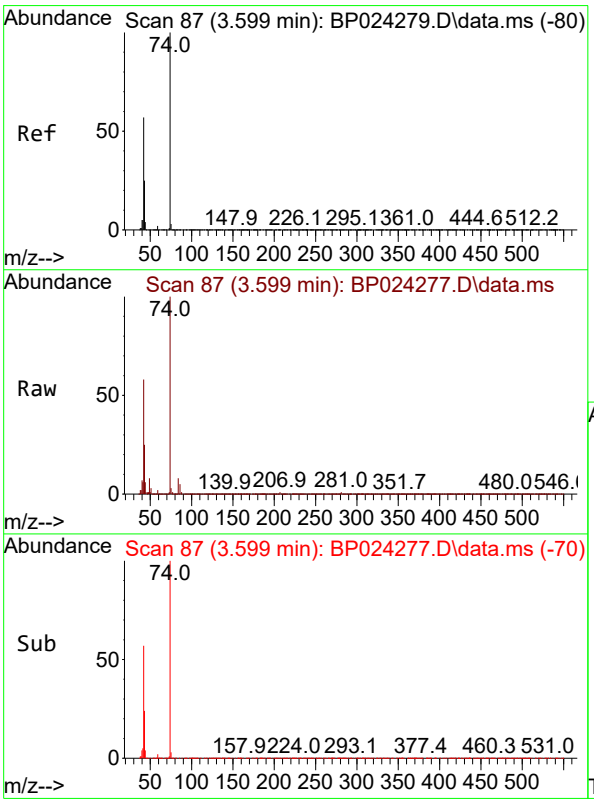
#3
Pyridine
Concen: 9.506 ng
RT: 3.693 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 152243

Ion	Ratio	Lower	Upper
79	100		
52	57.2	45.4	68.2
51	29.7	22.6	33.8

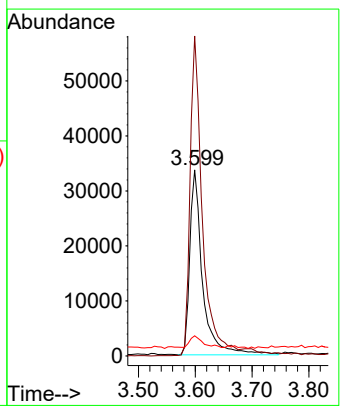


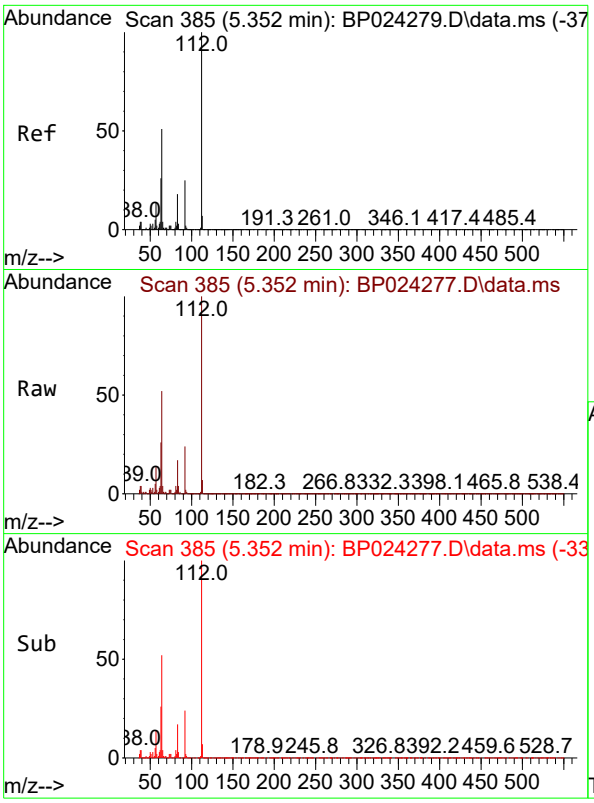


#4
n-Nitrosodimethylamine
Concen: 9.868 ng
RT: 3.599 min Scan# 87
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion: 42 Resp: 52702

Ion	Ratio	Lower	Upper
42	100		
74	172.0	139.5	209.3
44	10.8	5.8	8.8#



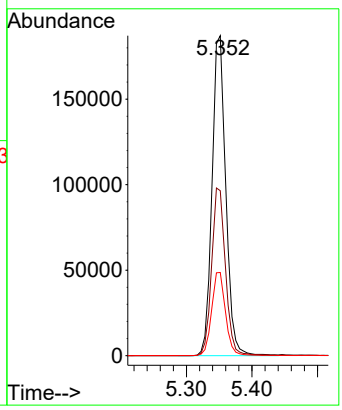


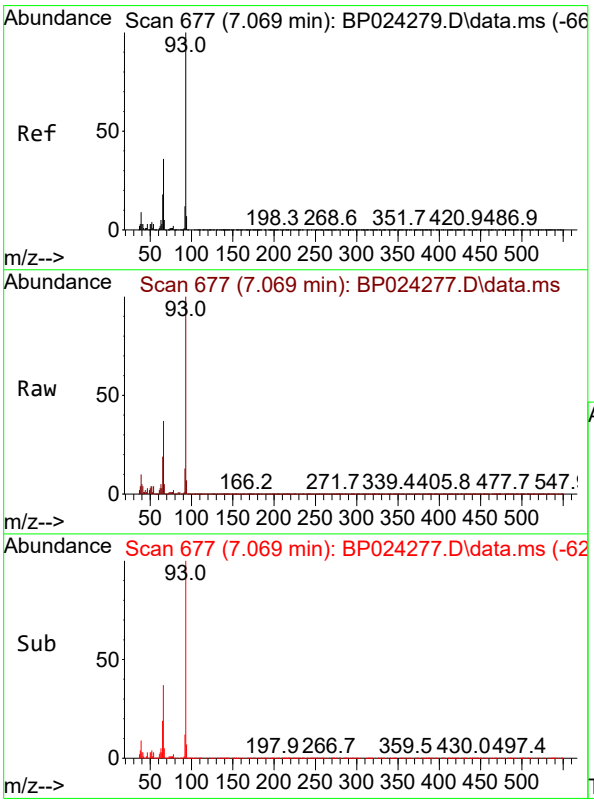
#5
2-Fluorophenol
Concen: 18.889 ng
RT: 5.352 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 272237

Ion	Ratio	Lower	Upper
112	100		
64	51.6	41.1	61.7
63	26.0	20.6	30.8

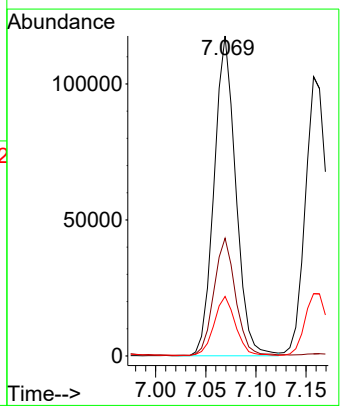


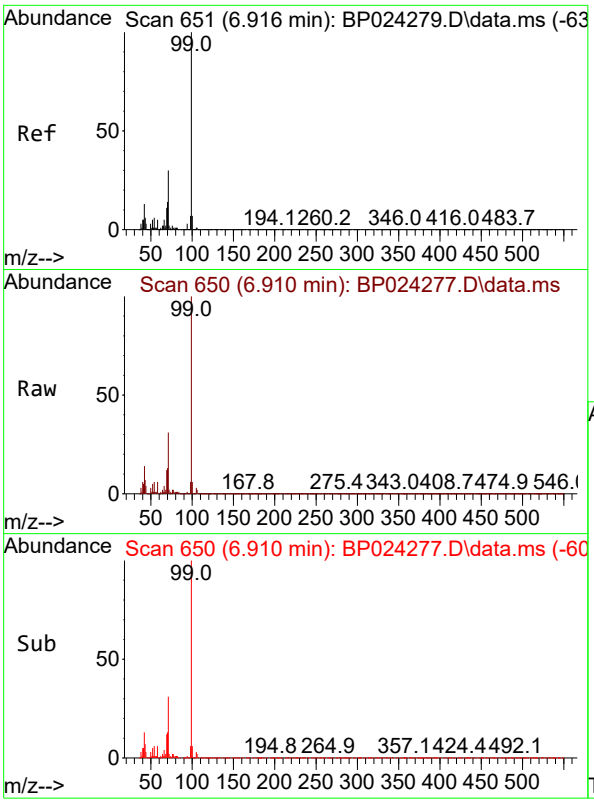


#6
Aniline
Concen: 9.935 ng
RT: 7.069 min Scan# 677
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion: 93 Resp: 176840

Ion	Ratio	Lower	Upper
93	100		
66	36.8	29.1	43.7
65	18.6	14.7	22.1



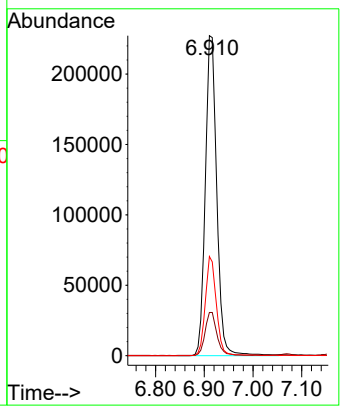


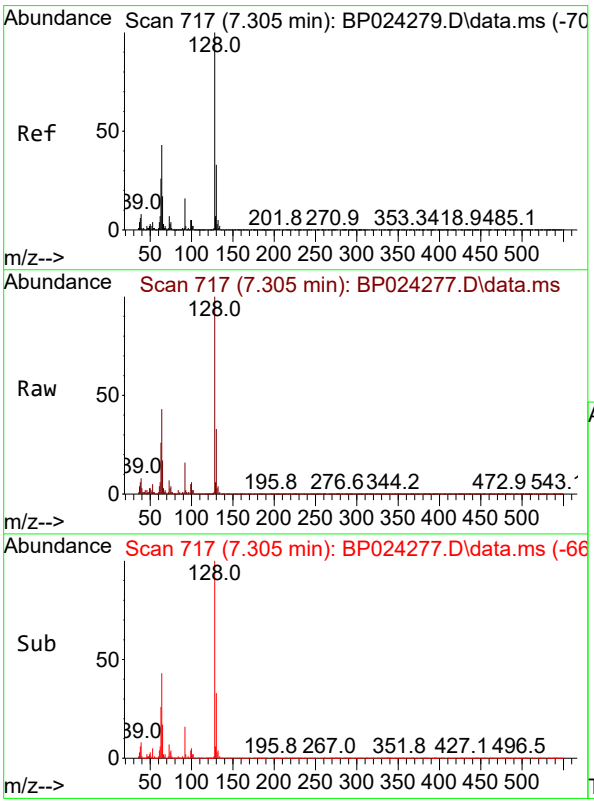
#7
Phenol-d6
Concen: 18.725 ng
RT: 6.910 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 369199

Ion	Ratio	Lower	Upper
99	100		
42	13.5	10.6	16.0
71	31.0	23.7	35.5

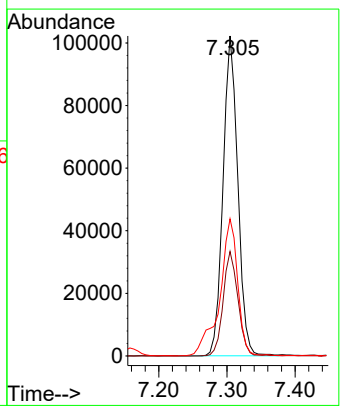


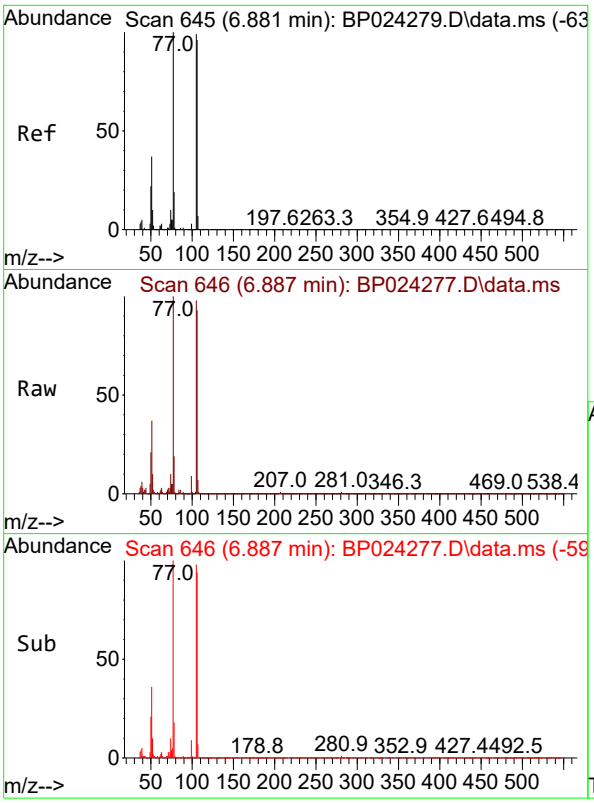


#8
2-Chlorophenol
Concen: 9.573 ng
RT: 7.305 min Scan# 717
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:128 Resp: 154194

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.9	52.9
64	42.8	22.7	62.7



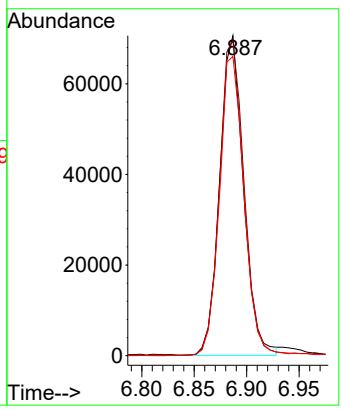


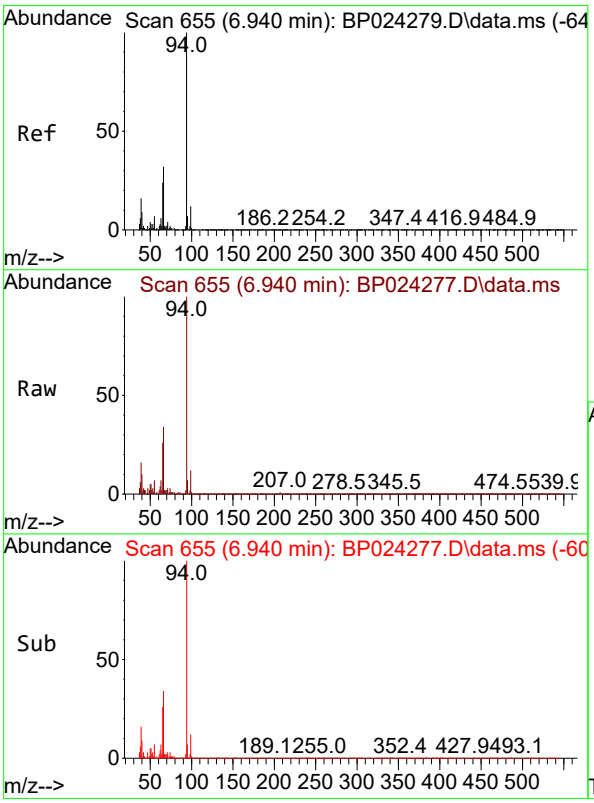
#9
Benzaldehyde
Concen: 10.879 ng m
RT: 6.887 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 111093

Ion	Ratio	Lower	Upper
77	100		
105	98.4	79.2	119.2
106	93.5	76.2	116.2

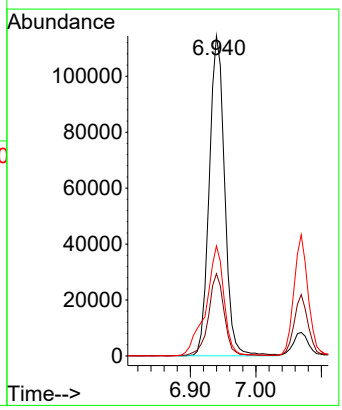


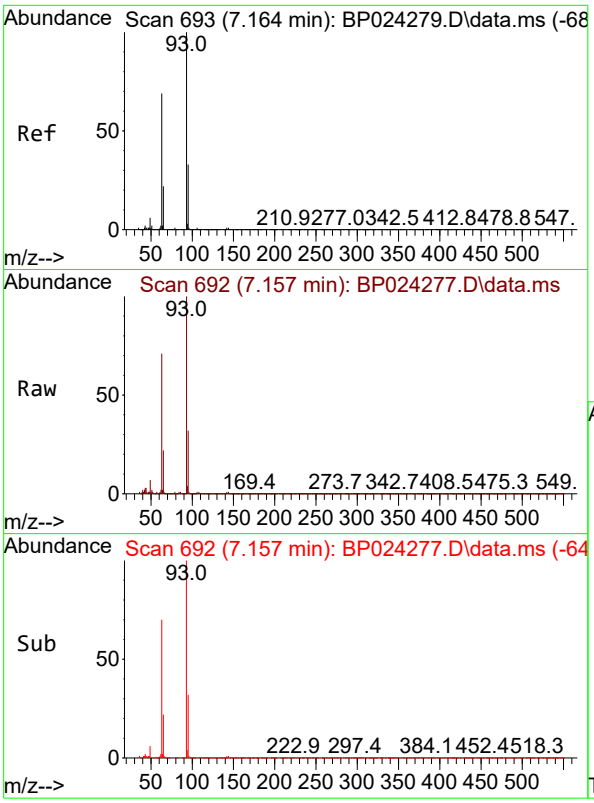


#10
Phenol
Concen: 9.401 ng
RT: 6.940 min Scan# 655
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion: 94 Resp: 186113

Ion	Ratio	Lower	Upper
94	100		
65	25.7	4.5	44.5
66	34.4	12.4	52.4



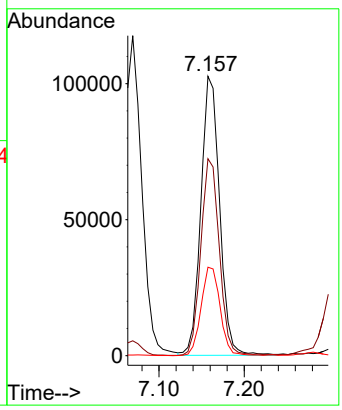


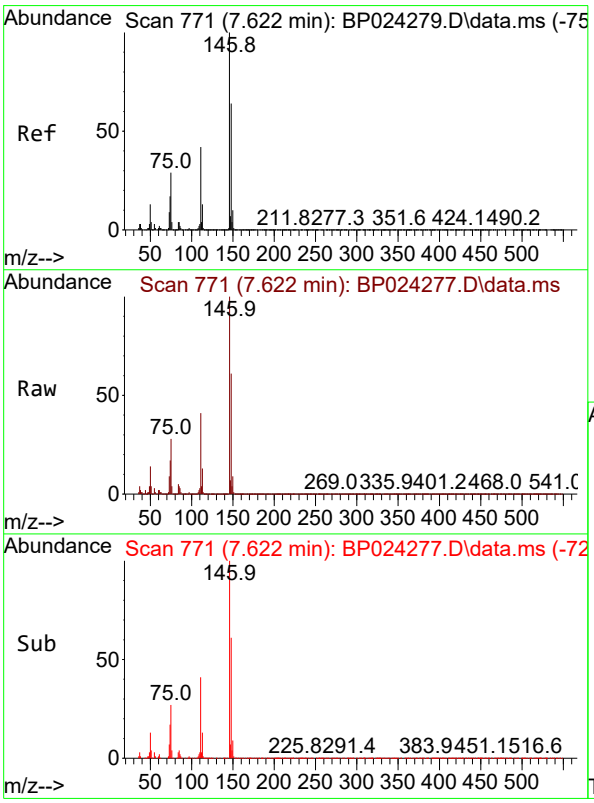
#11
bis(2-Chloroethyl)ether
Concen: 9.794 ng
RT: 7.157 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 156684

Ion	Ratio	Lower	Upper
93	100		
63	70.5	48.6	88.6
95	31.6	12.3	52.3

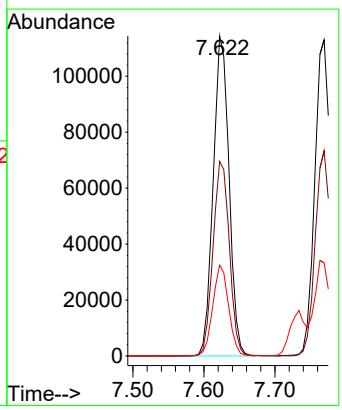


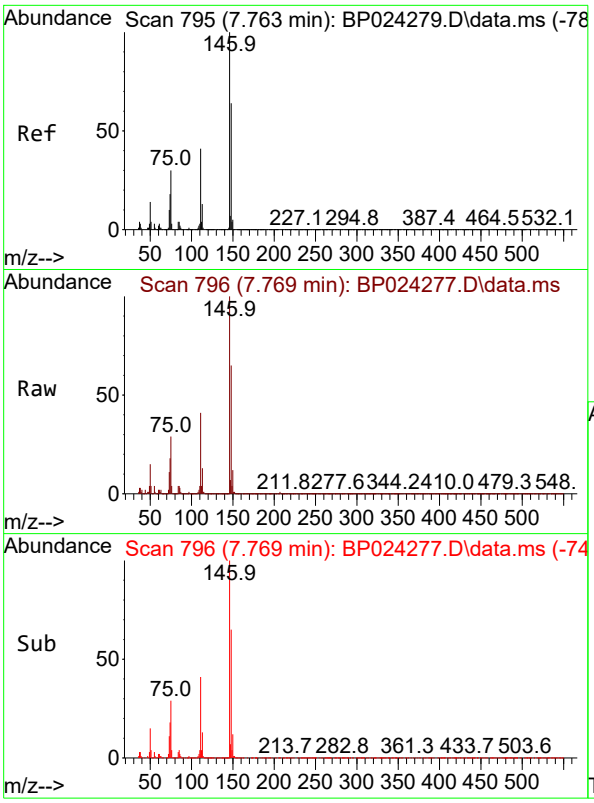


#12
1,3-Dichlorobenzene
Concen: 10.126 ng
RT: 7.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:146 Resp: 176712

Ion	Ratio	Lower	Upper
146	100		
148	60.8	51.4	77.0
75	28.4	22.9	34.3



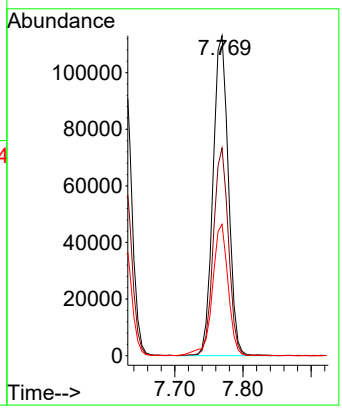


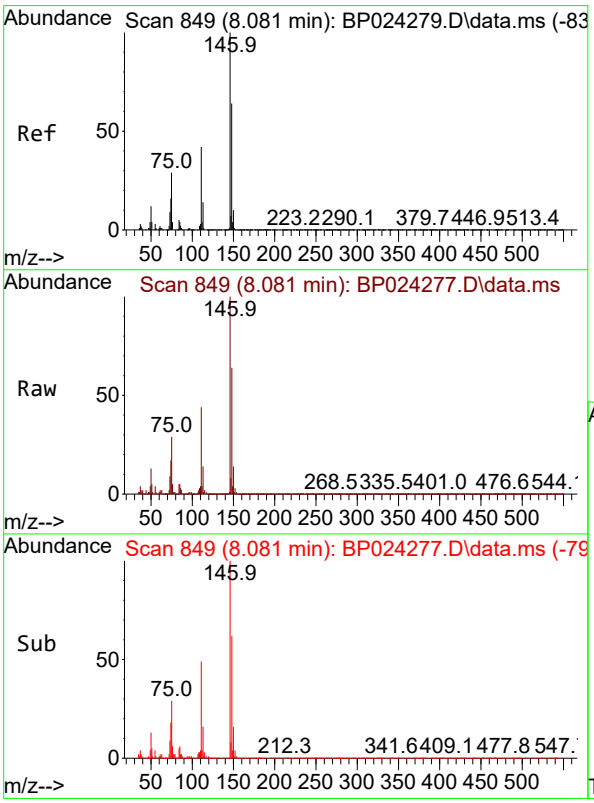
#13
1,4-Dichlorobenzene
Concen: 10.006 ng
RT: 7.769 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 177067

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.1	76.7
111	41.1	32.6	48.8

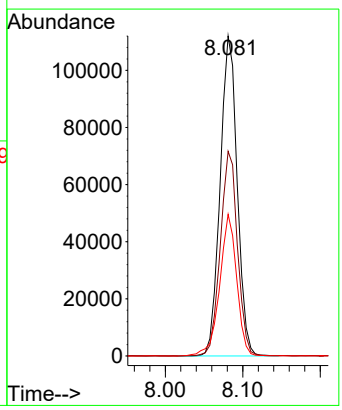


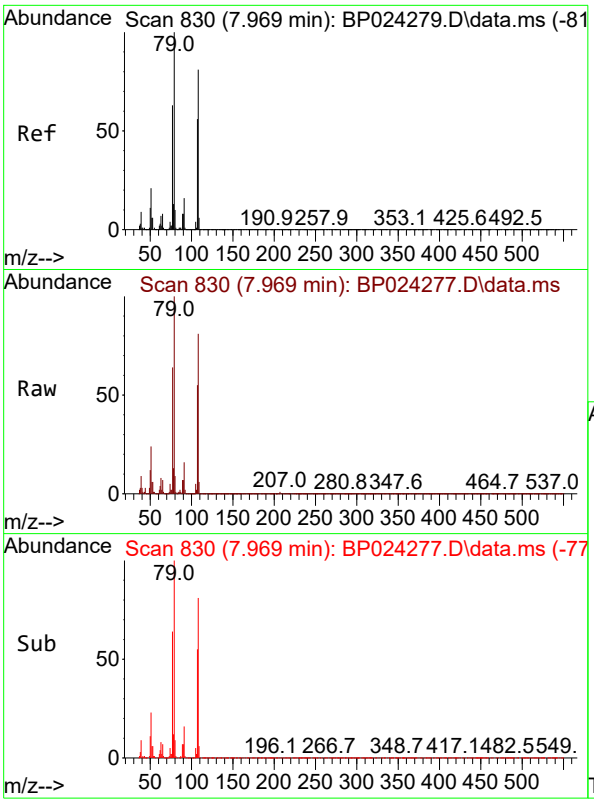


#14
1,2-Dichlorobenzene
Concen: 10.016 ng
RT: 8.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:146 Resp: 171376

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.4
111	44.3	33.8	50.8



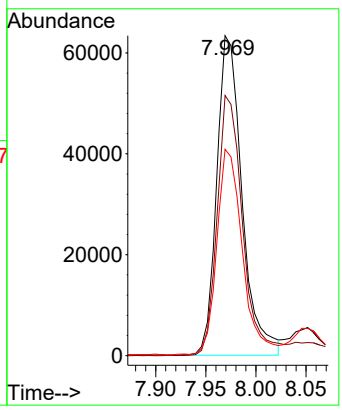


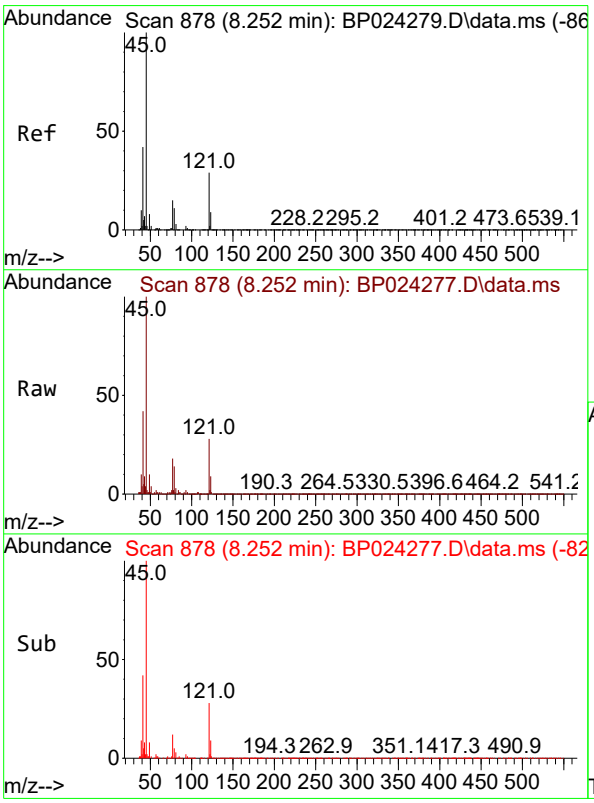
#15
Benzyl Alcohol
Concen: 8.797 ng
RT: 7.969 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 111176

Ion	Ratio	Lower	Upper
79	100		
108	81.3	65.1	97.7
77	64.5	50.7	76.1

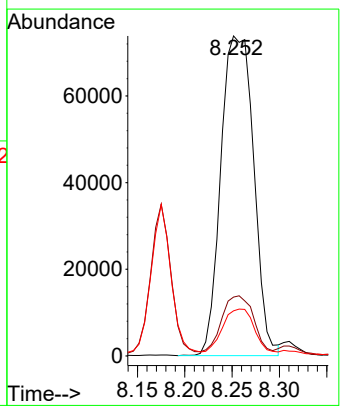


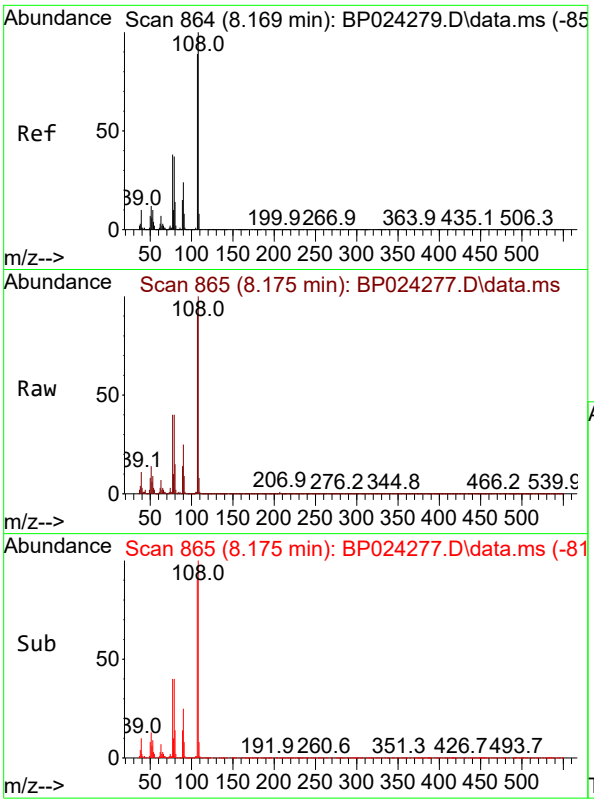


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.221 ng
RT: 8.252 min Scan# 878
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion: 45 Resp: 177896

Ion	Ratio	Lower	Upper
45	100		
77	18.4	0.0	37.7
79	14.1	0.0	33.5



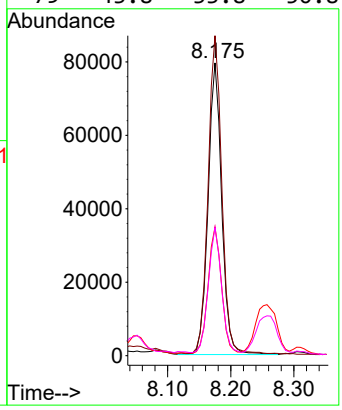


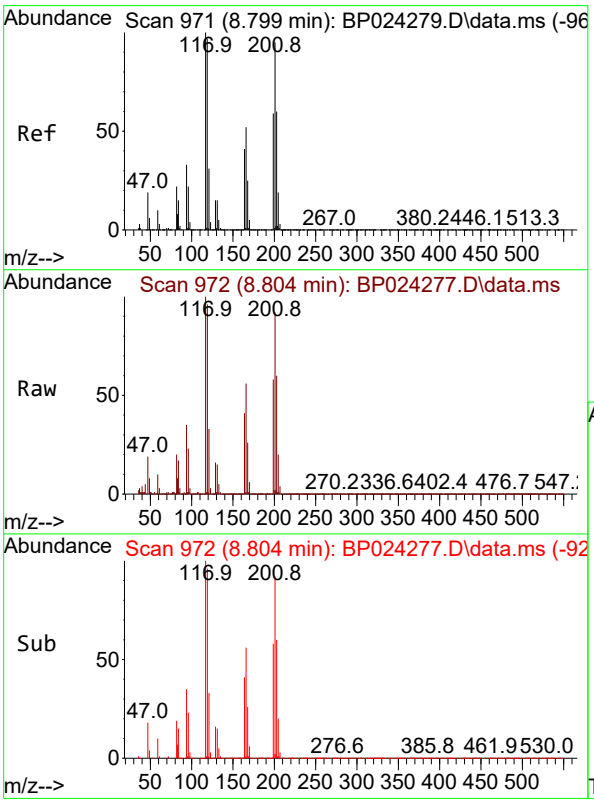
#17
2-Methylphenol
Concen: 9.340 ng
RT: 8.175 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 119161

Ion	Ratio	Lower	Upper
107	100		
108	109.3	89.8	134.6
77	43.9	34.2	51.4
79	43.8	33.8	50.8

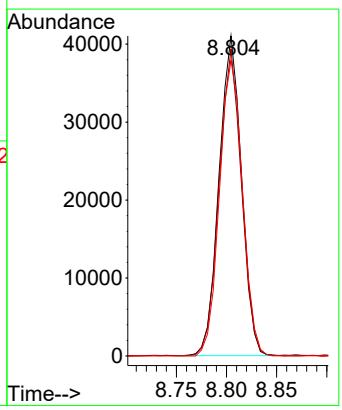


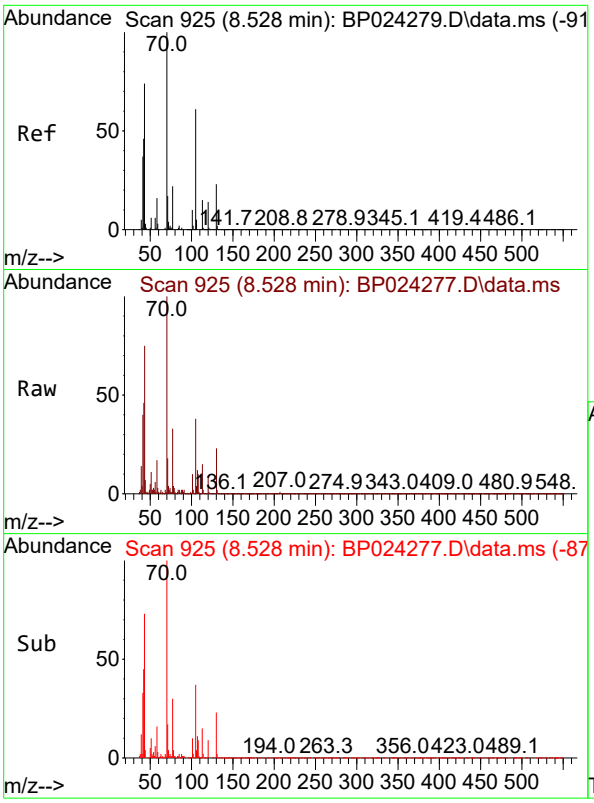


#18
Hexachloroethane
Concen: 10.007 ng
RT: 8.804 min Scan# 972
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:117 Resp: 63912

Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.8	116.6
201	92.4	75.9	113.9



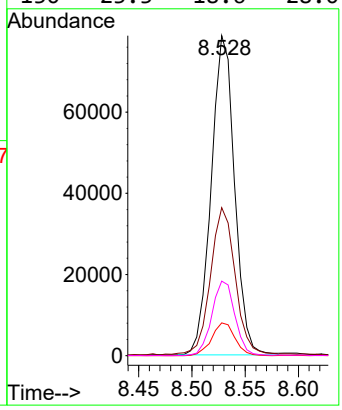


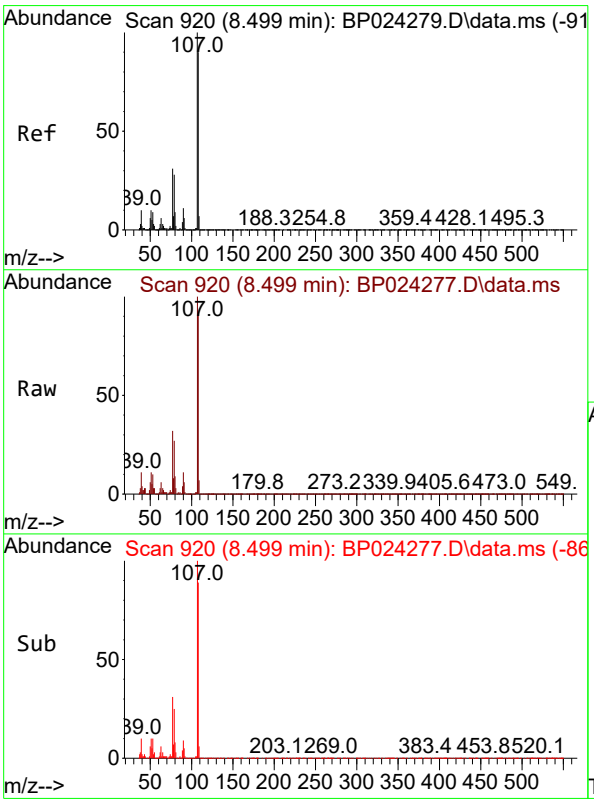
#19
n-Nitroso-di-n-propylamine
Concen: 9.787 ng
RT: 8.528 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 119861

Ion	Ratio	Lower	Upper
70	100		
42	46.2	37.3	55.9
101	10.3	8.2	12.4
130	23.3	18.6	28.0

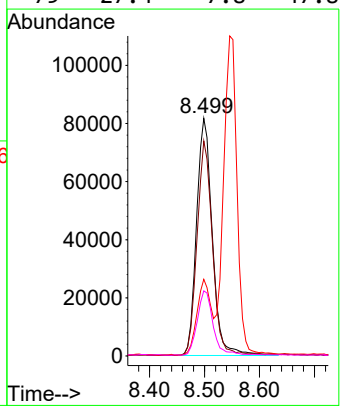


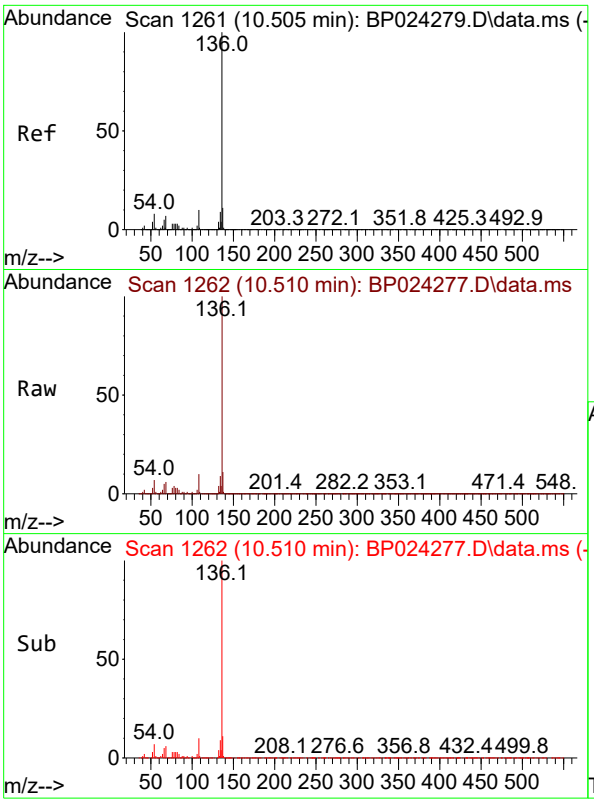


#20
3+4-Methylphenols
Concen: 9.187 ng
RT: 8.499 min Scan# 920
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:107 Resp: 162332

Ion	Ratio	Lower	Upper
107	100		
108	90.5	69.8	109.8
77	32.3	11.5	51.5
79	27.4	7.8	47.8



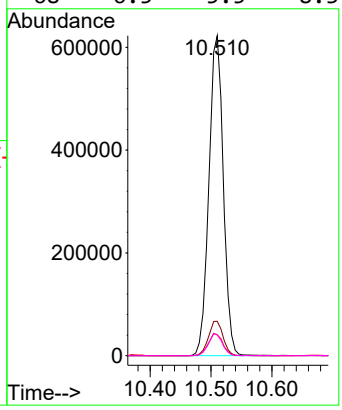


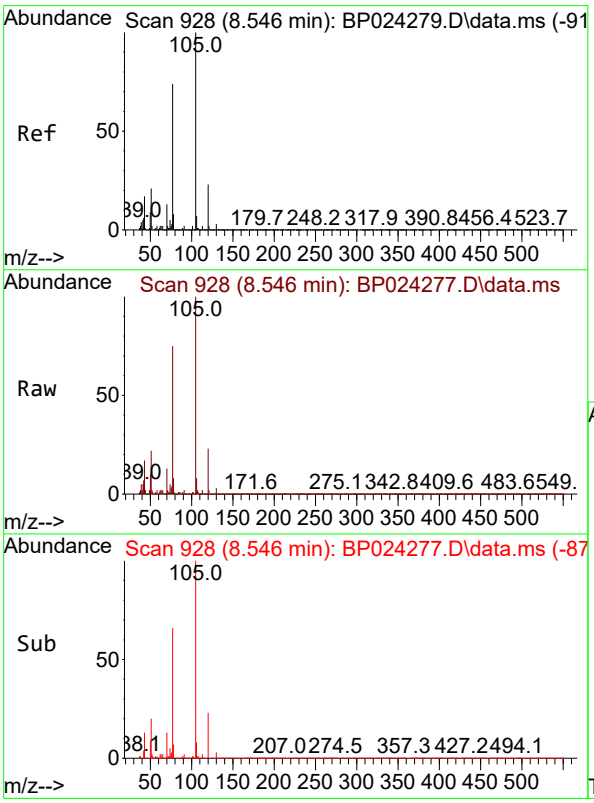
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 1022895

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.6	6.0	9.0
68	6.5	5.5	8.3

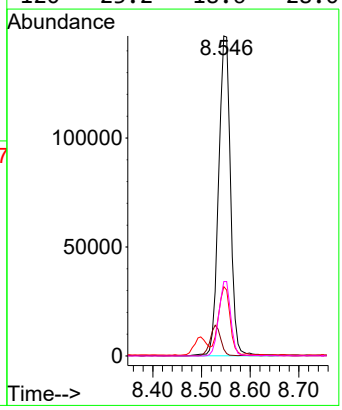


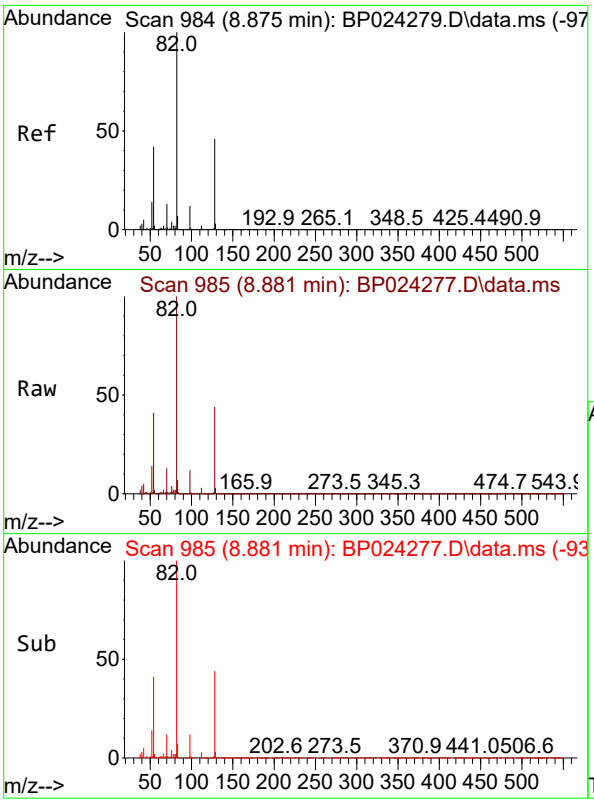


#22
Acetophenone
Concen: 9.787 ng
RT: 8.546 min Scan# 928
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:105 Resp: 248823

Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.7	2.5
51	21.7	16.9	25.3
120	23.2	18.6	28.0



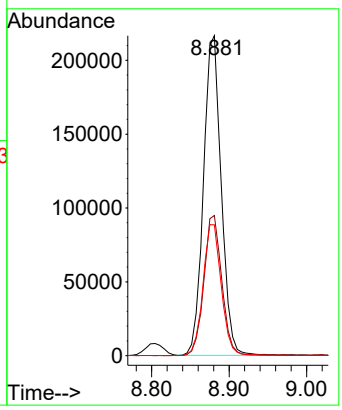


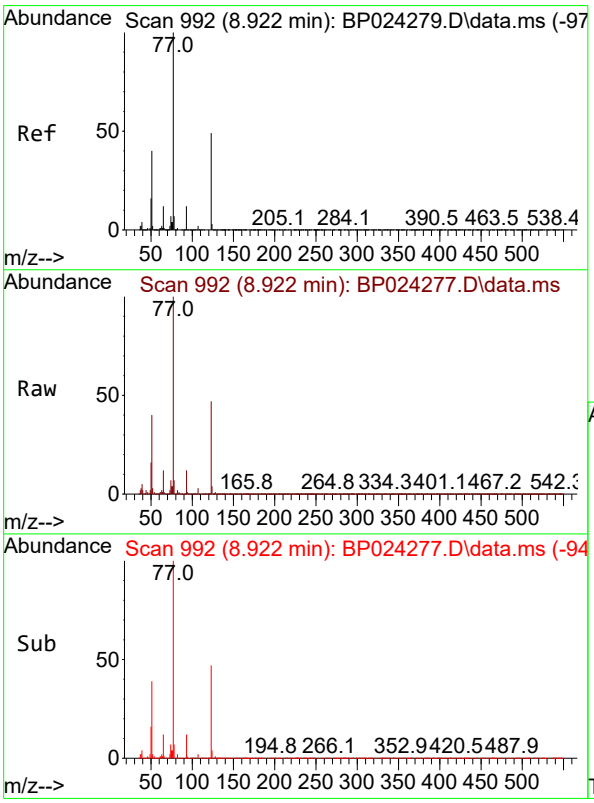
#23
Nitrobenzene-d5
Concen: 19.207 ng
RT: 8.881 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 345094

Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.5	54.7
54	40.9	33.4	50.2

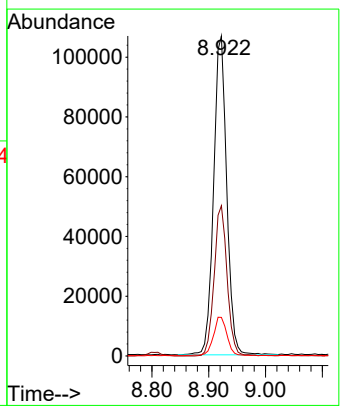


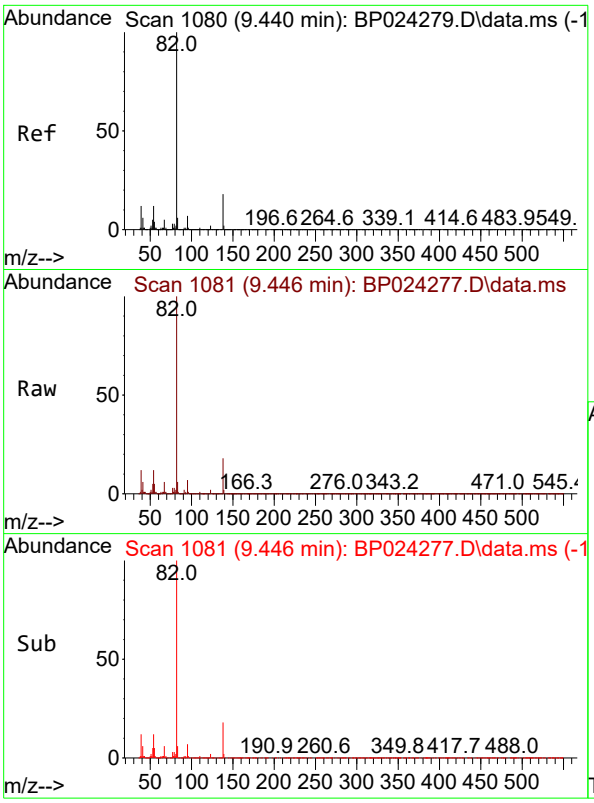


#24
Nitrobenzene
Concen: 9.590 ng
RT: 8.922 min Scan# 992
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion: 77 Resp: 170770

Ion	Ratio	Lower	Upper
77	100		
123	47.0	39.2	58.8
65	12.1	9.8	14.6



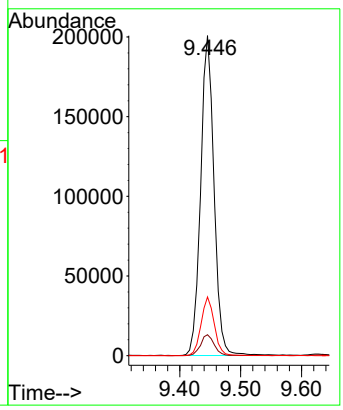


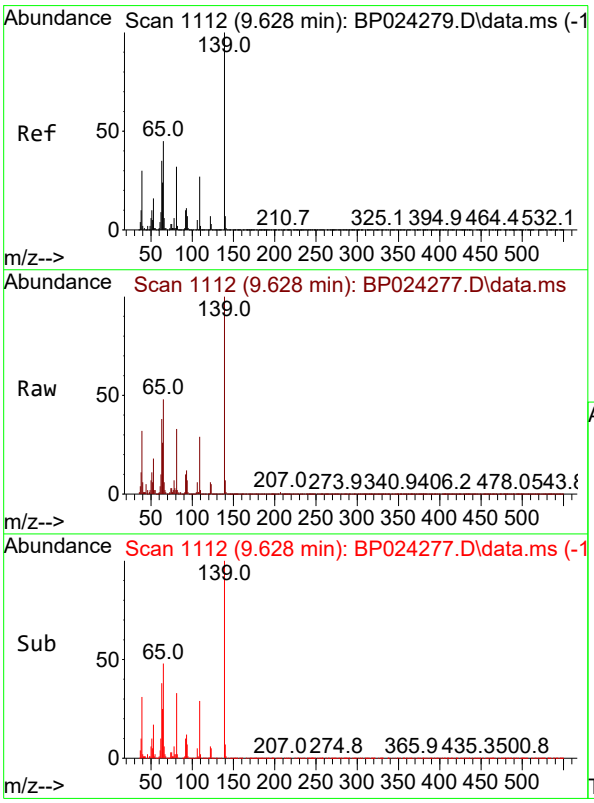
#25
Isophorone
Concen: 9.473 ng
RT: 9.446 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 307272

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.4	8.2
138	18.3	14.4	21.6

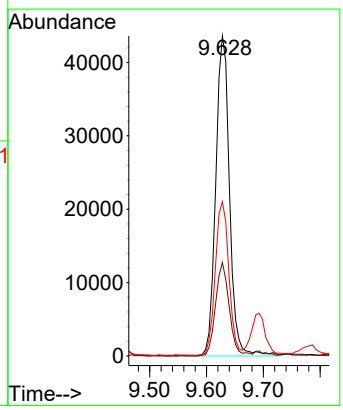


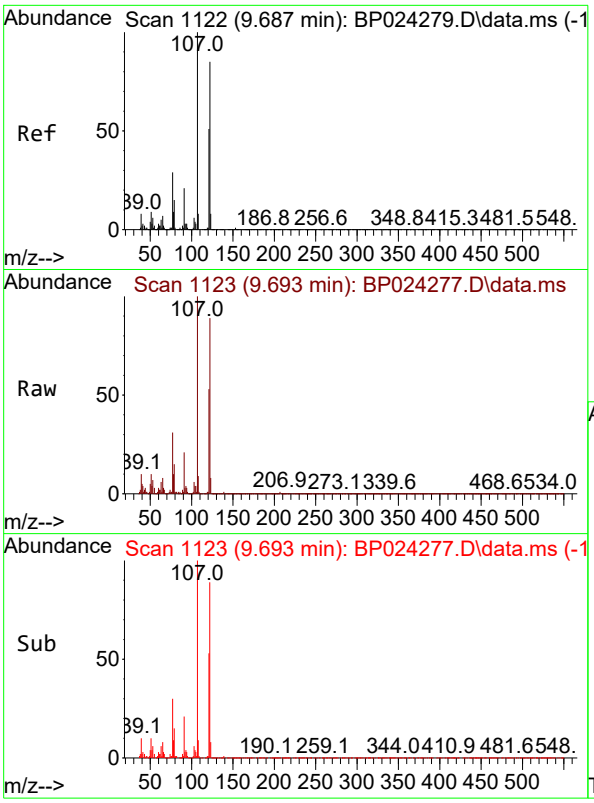


#26
2-Nitrophenol
Concen: 8.575 ng
RT: 9.628 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:139 Resp: 73320

Ion	Ratio	Lower	Upper
139	100		
109	29.2	21.8	32.6
65	48.2	36.2	54.2



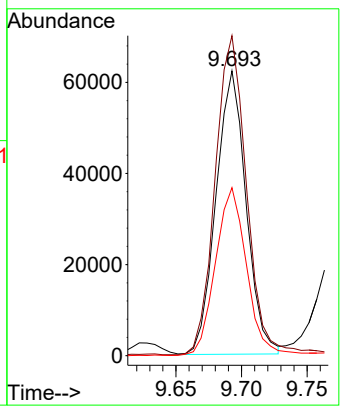


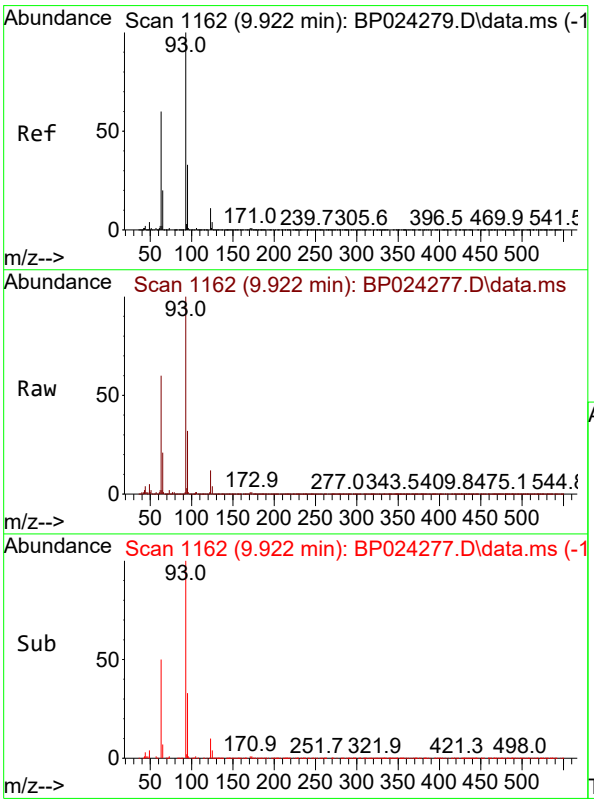
#27
2,4-Dimethylphenol
Concen: 9.152 ng
RT: 9.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 99186

Ion	Ratio	Lower	Upper
122	100		
107	112.4	93.7	140.5
121	59.0	48.2	72.2

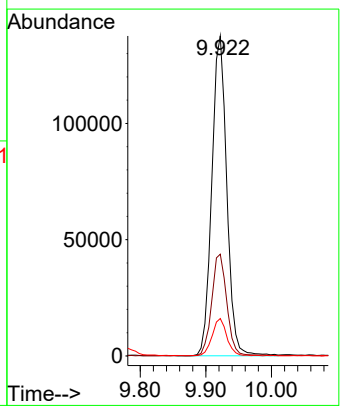


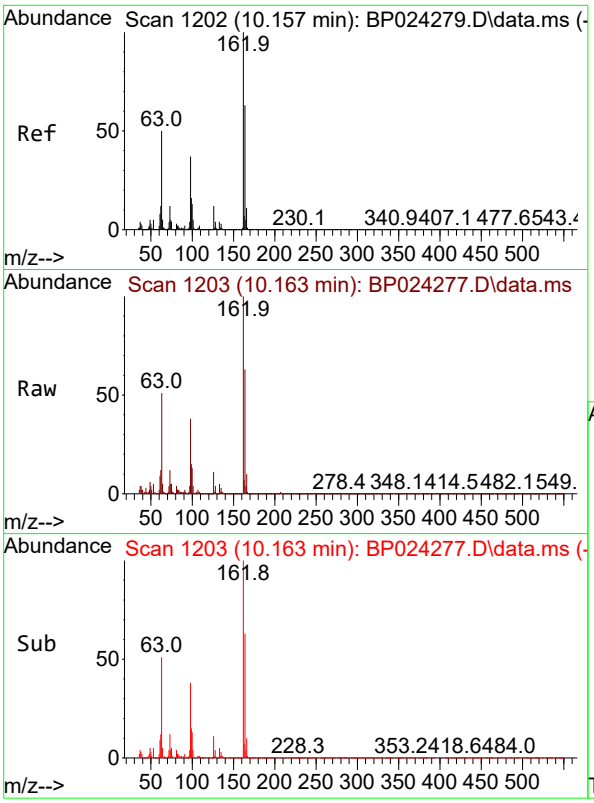


#28
bis(2-Chloroethoxy)methane
Concen: 9.869 ng
RT: 9.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion: 93 Resp: 217866

Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.0	39.0
123	11.7	9.1	13.7



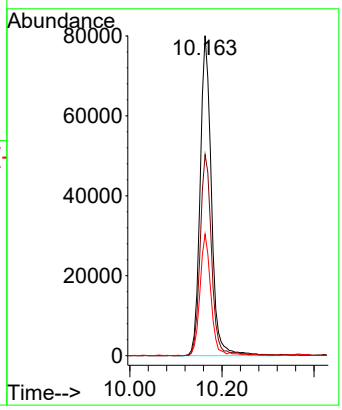


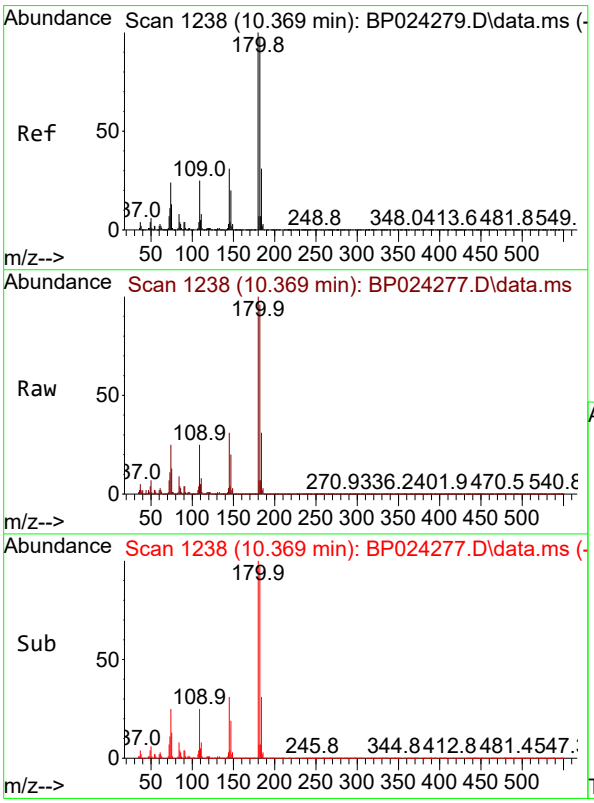
#29
2,4-Dichlorophenol
Concen: 9.263 ng
RT: 10.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 136816

Ion	Ratio	Lower	Upper
162	100		
164	62.8	43.3	83.3
98	37.9	16.6	56.6

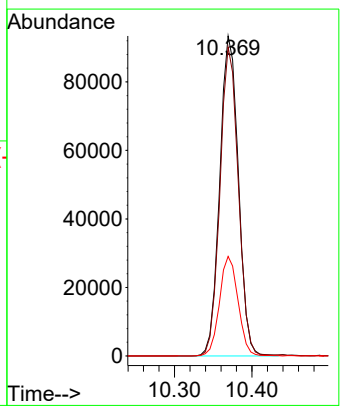


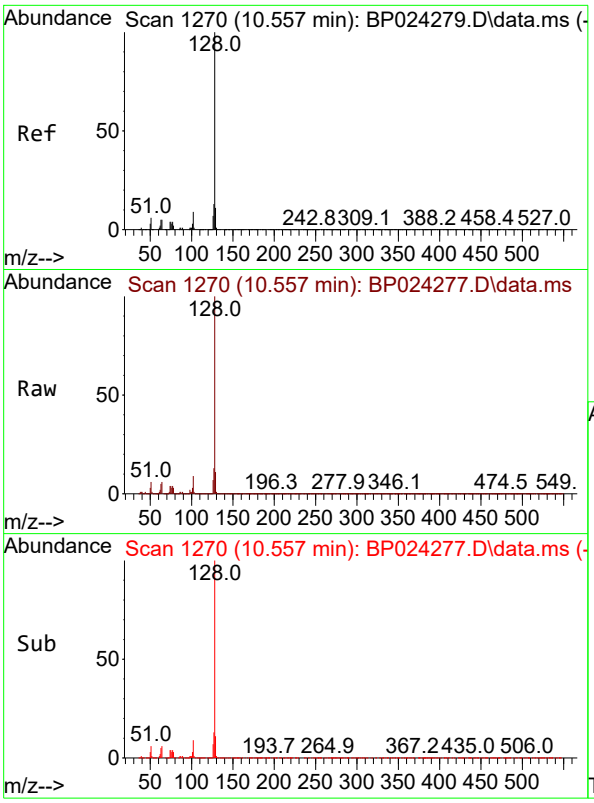


#30
1,2,4-Trichlorobenzene
Concen: 9.760 ng
RT: 10.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:180 Resp: 155965

Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.3	115.9
145	31.1	25.1	37.7



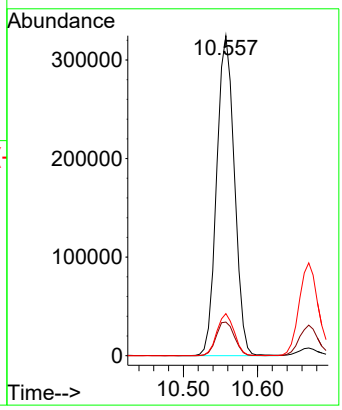


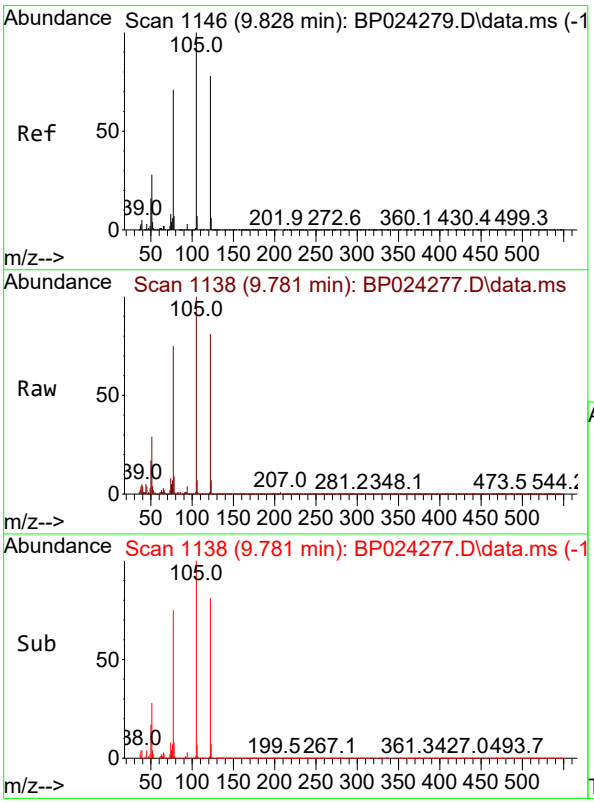
#31
Naphthalene
Concen: 9.953 ng
RT: 10.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 538892

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	13.0
127	13.1	10.3	15.5

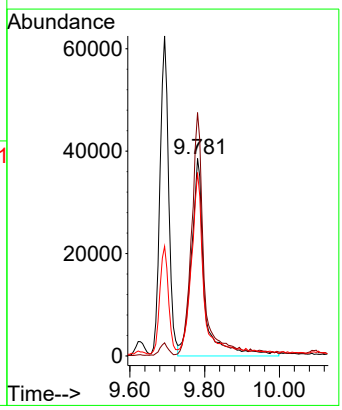


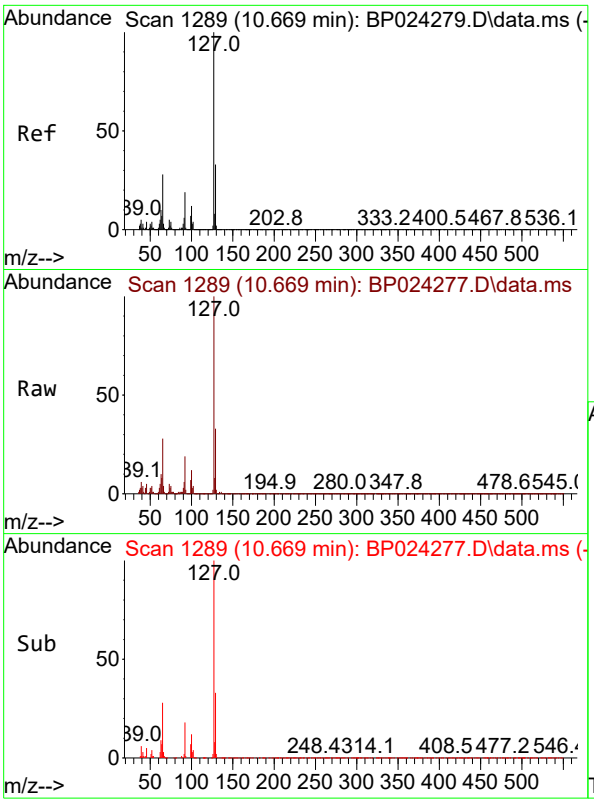


#32
Benzoic acid
Concen: 8.095 ng m
RT: 9.781 min Scan# 1138
Delta R.T. -0.047 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:122 Resp: 94803

Ion	Ratio	Lower	Upper
122	100		
105	123.3	104.8	144.8
77	92.9	69.2	109.2



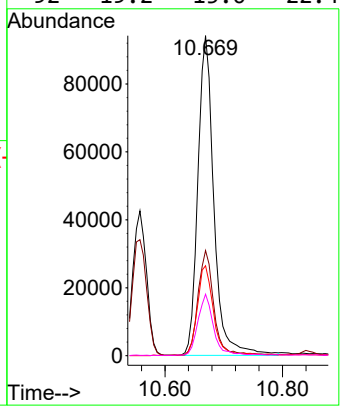


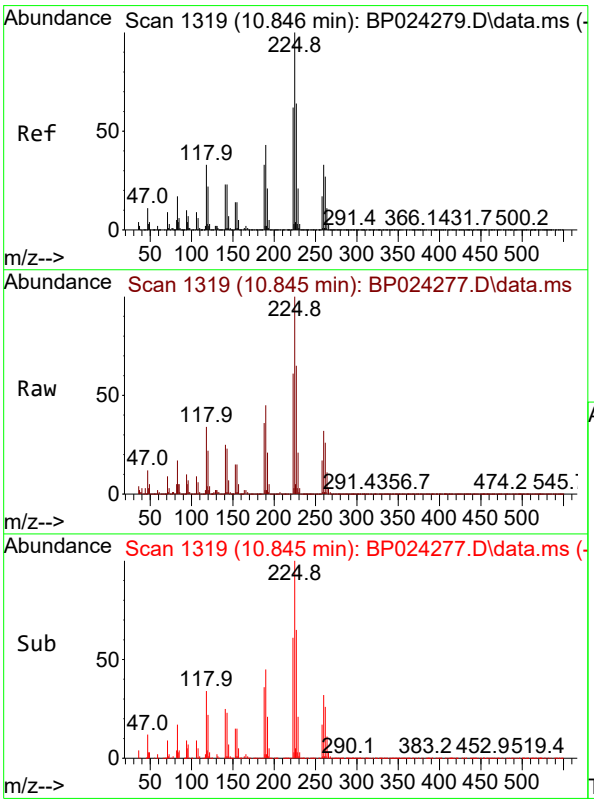
#33
4-Chloroaniline
Concen: 9.433 ng
RT: 10.669 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 178451

Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.1	39.1
65	28.1	22.1	33.1
92	19.2	15.0	22.4

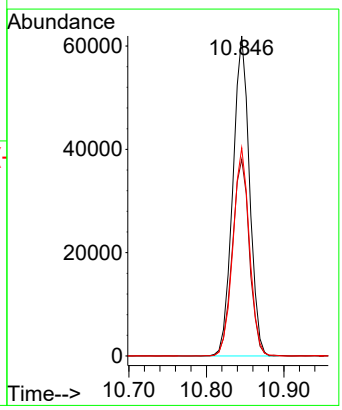


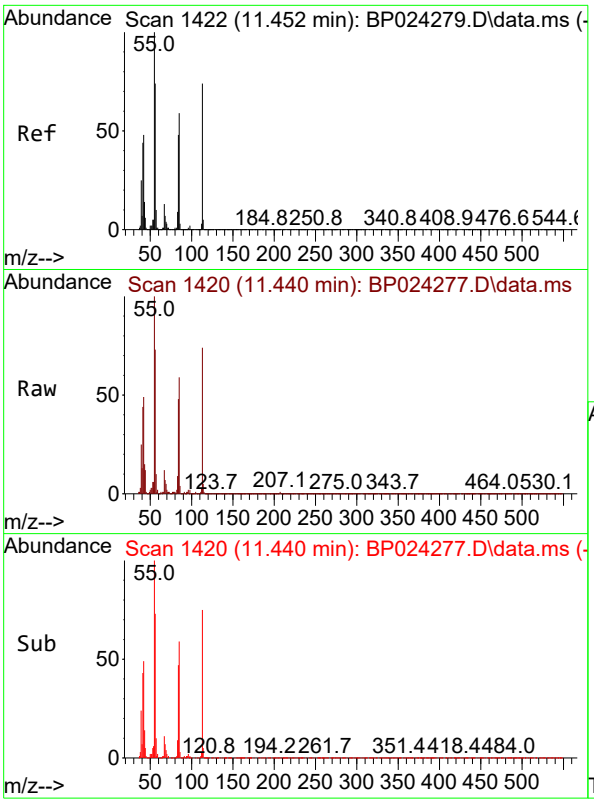


#34
Hexachlorobutadiene
Concen: 9.885 ng
RT: 10.845 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:225 Resp: 92662

Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.5	74.3
227	65.0	50.9	76.3



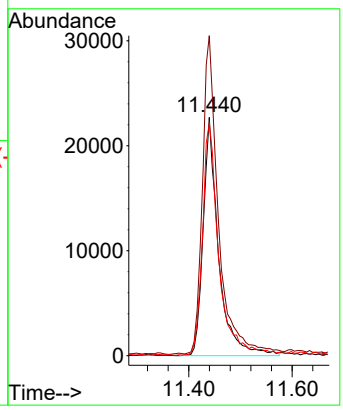


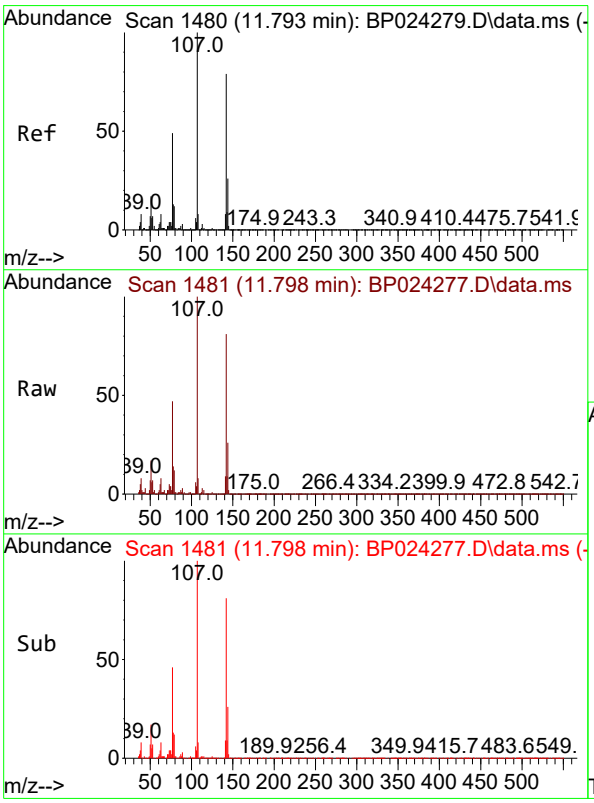
#35
Caprolactam
Concen: 8.670 ng
RT: 11.440 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 47014

Ion	Ratio	Lower	Upper
113	100		
55	134.3	115.9	155.9
56	97.4	81.1	121.1

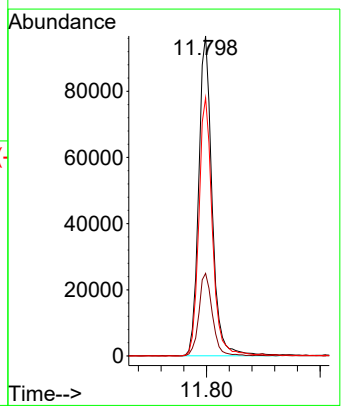


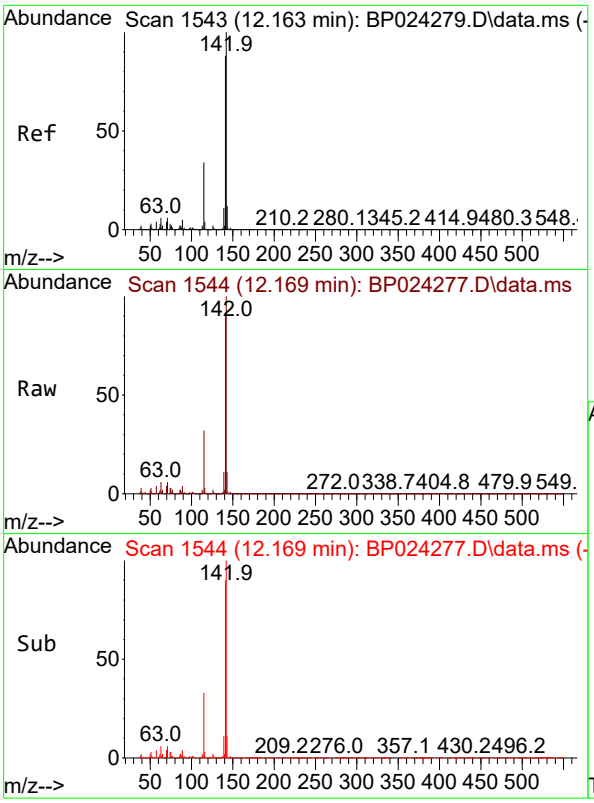


#36
4-Chloro-3-methylphenol
Concen: 9.213 ng
RT: 11.798 min Scan# 1481
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:107 Resp: 158563

Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.5	30.7
142	80.6	63.4	95.2



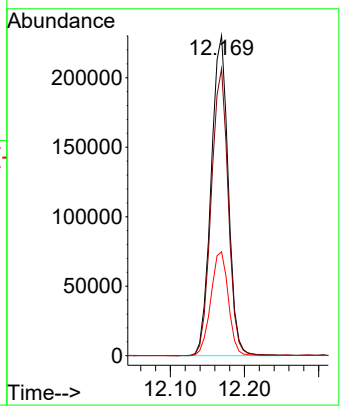


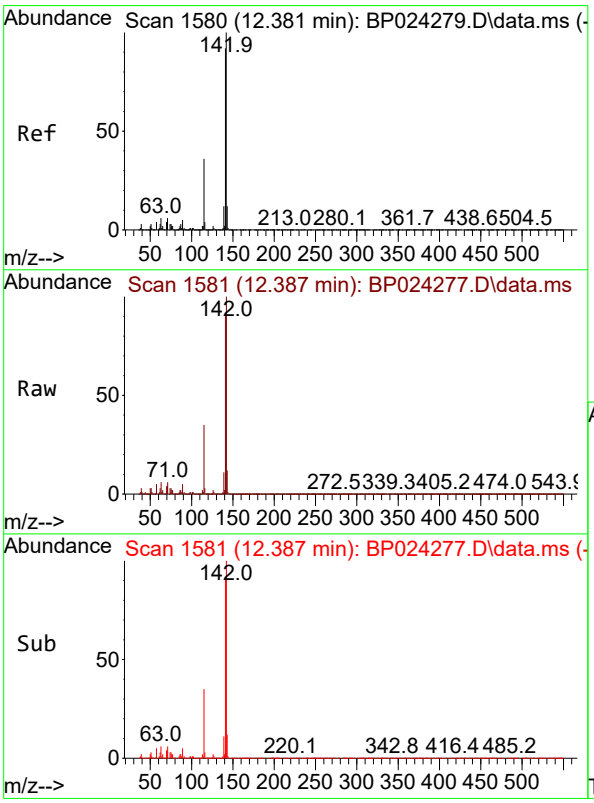
#37
2-Methylnaphthalene
Concen: 9.810 ng
RT: 12.169 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 368122

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.3	105.5
115	32.5	26.9	40.3

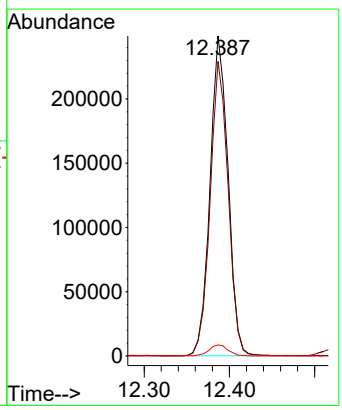


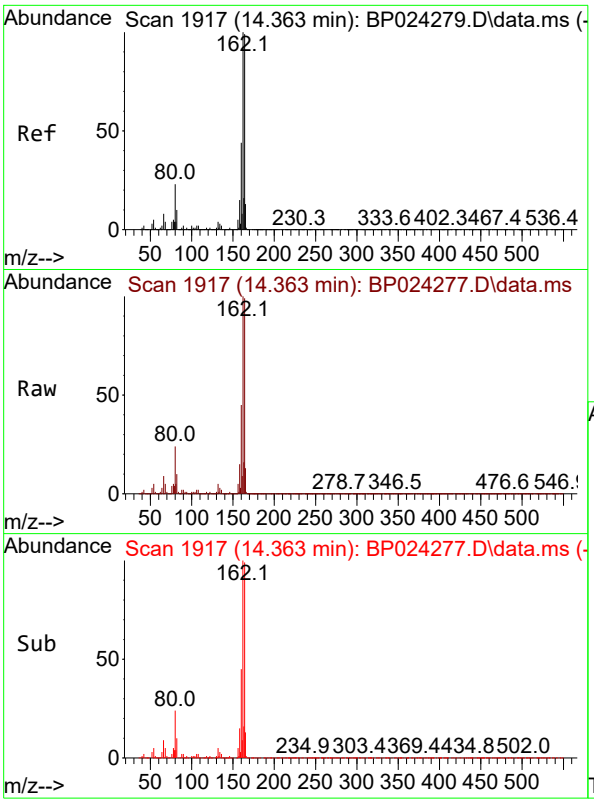


#38
1-Methylnaphthalene
Concen: 9.933 ng
RT: 12.387 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:142 Resp: 365139

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.6	110.4
116	3.5	3.0	4.6



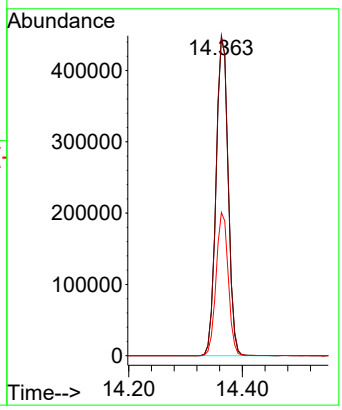


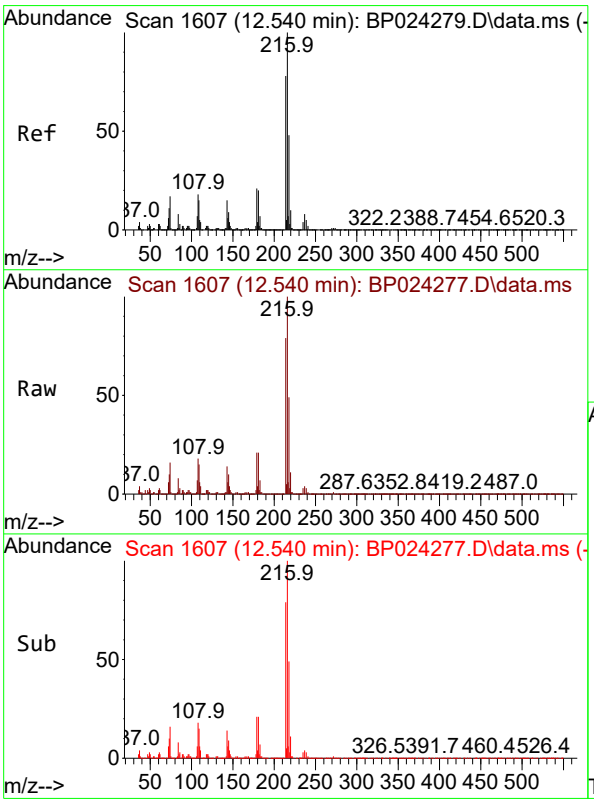
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 658652

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.6	120.8
160	45.0	35.3	52.9

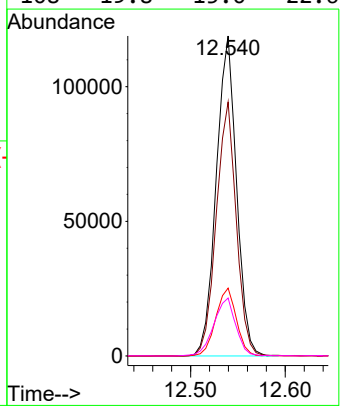


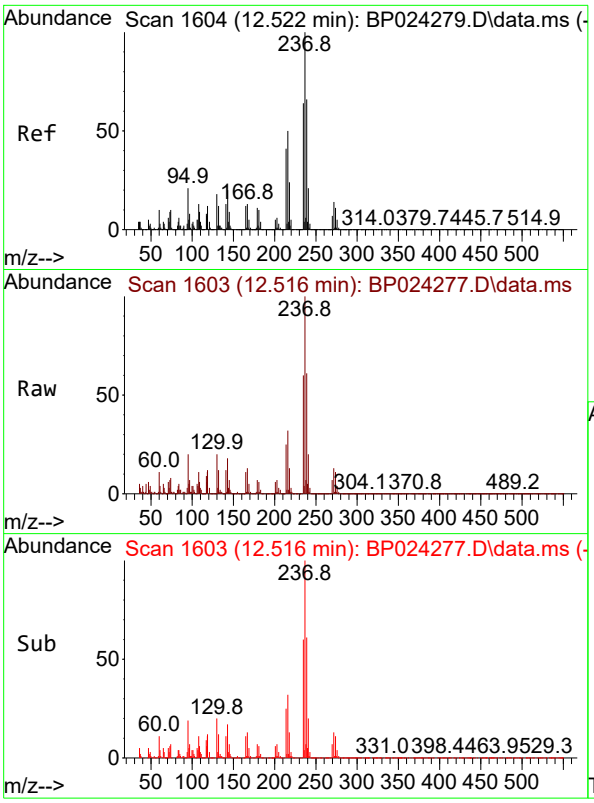


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.789 ng
RT: 12.540 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:216 Resp: 177188

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.6	93.8
179	21.5	17.2	25.8
108	19.8	15.0	22.6



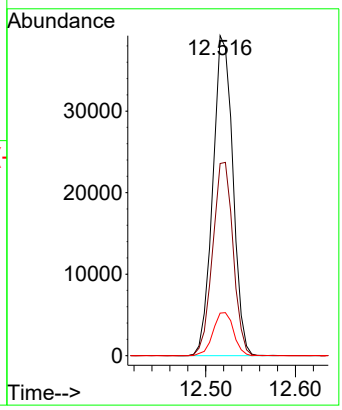


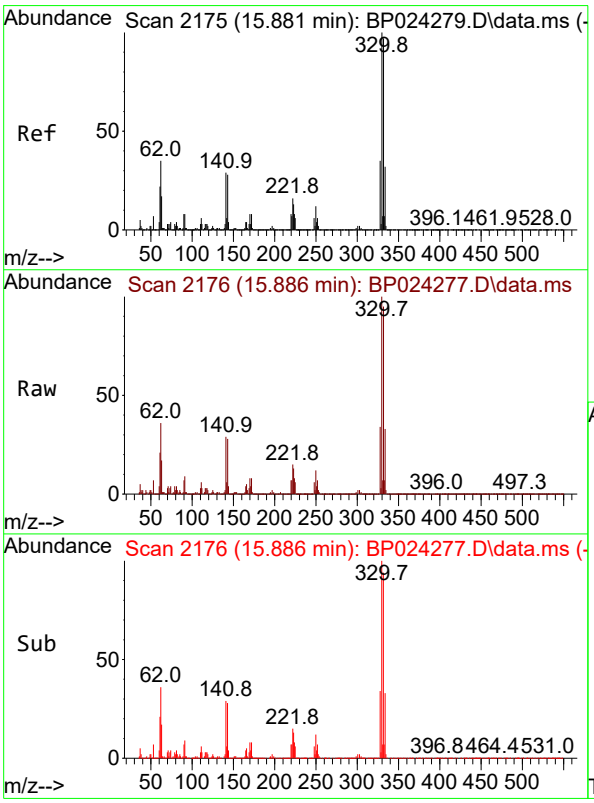
#41
Hexachlorocyclopentadiene
Concen: 9.586 ng
RT: 12.516 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 60914

Ion	Ratio	Lower	Upper
237	100		
235	60.0	43.9	83.9
272	13.3	0.0	33.6

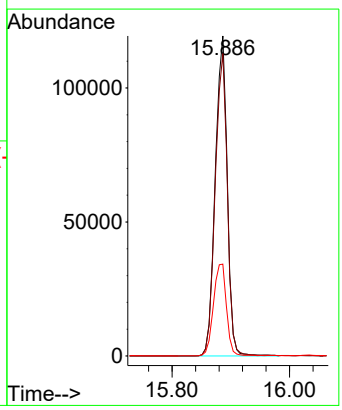


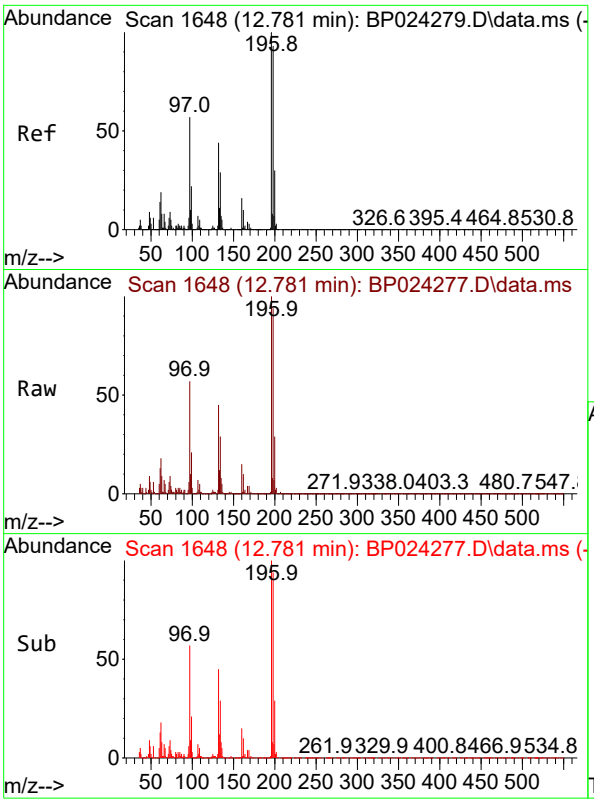


#42
2,4,6-Tribromophenol
Concen: 18.715 ng
RT: 15.886 min Scan# 2176
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:330 Resp: 168790

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.1	115.7
141	31.2	24.7	37.1



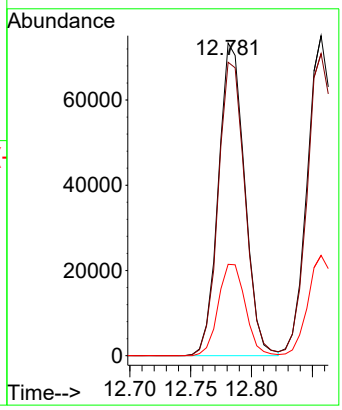


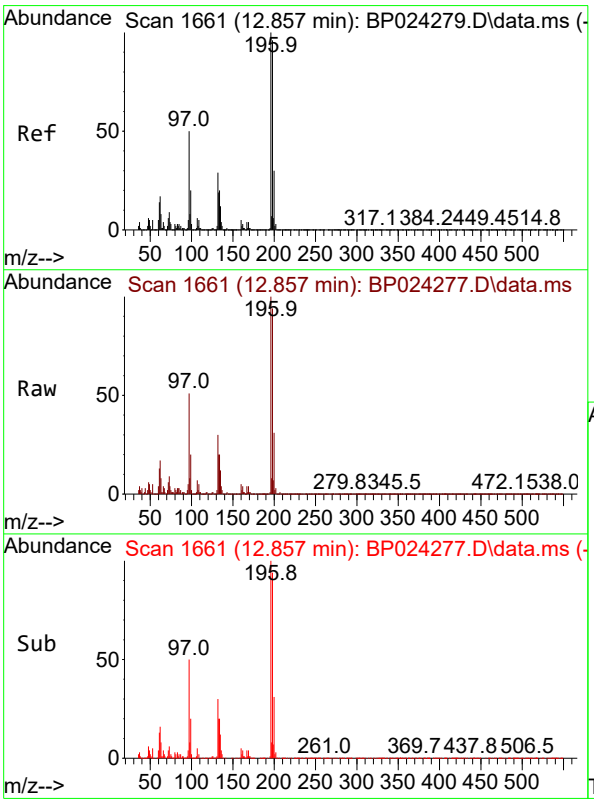
#43
2,4,6-Trichlorophenol
Concen: 9.253 ng
RT: 12.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 110203

Ion	Ratio	Lower	Upper
196	100		
198	93.9	74.3	111.5
200	29.3	24.0	36.0

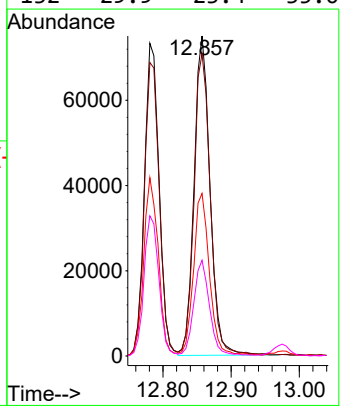


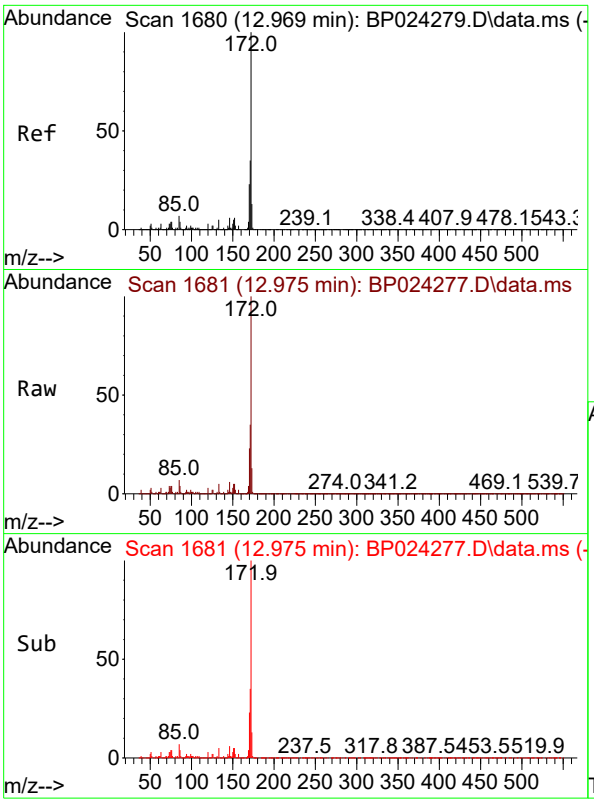


#44
2,4,5-Trichlorophenol
Concen: 9.251 ng
RT: 12.857 min Scan# 1661
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:196 Resp: 122104

Ion	Ratio	Lower	Upper
196	100		
198	94.4	77.3	115.9
97	50.8	40.4	60.6
132	29.9	23.4	35.0



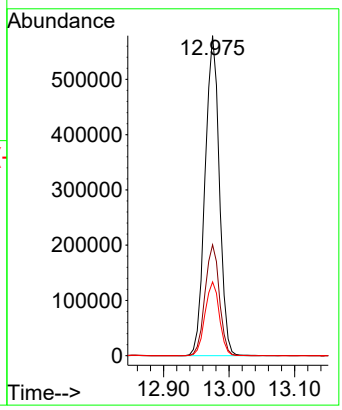


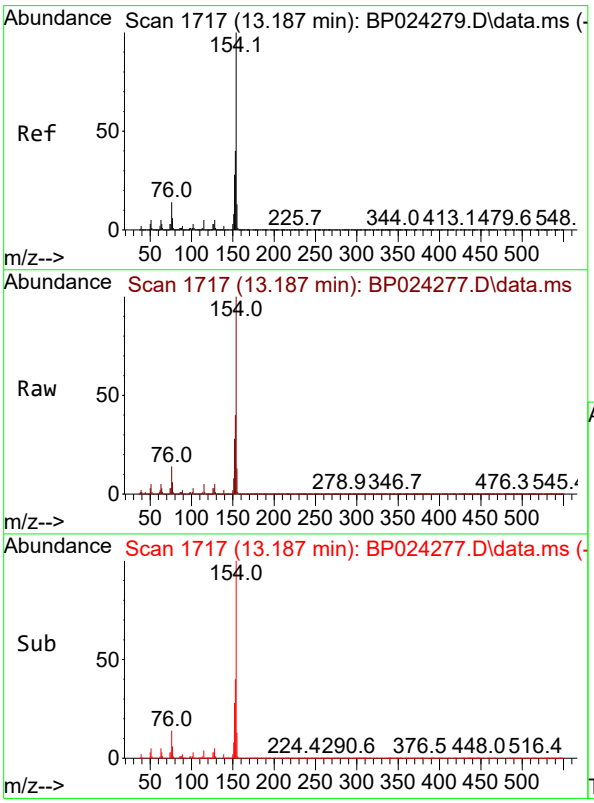
#45
2-Fluorobiphenyl
Concen: 20.247 ng
RT: 12.975 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 878366

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.2
170	23.0	18.6	27.8

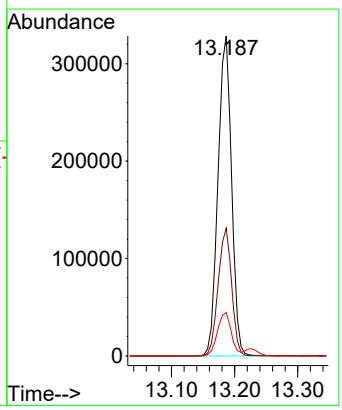


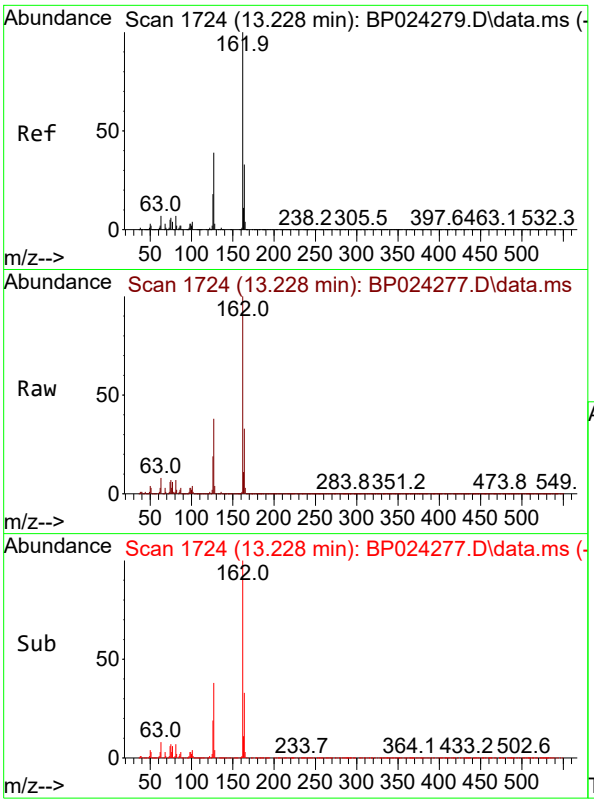


#46
1,1'-Biphenyl
Concen: 10.080 ng
RT: 13.187 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:154 Resp: 490325

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.3	60.3
76	13.6	0.0	33.5



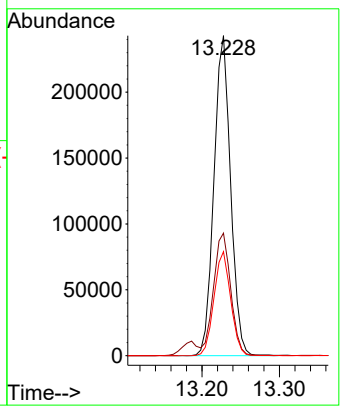


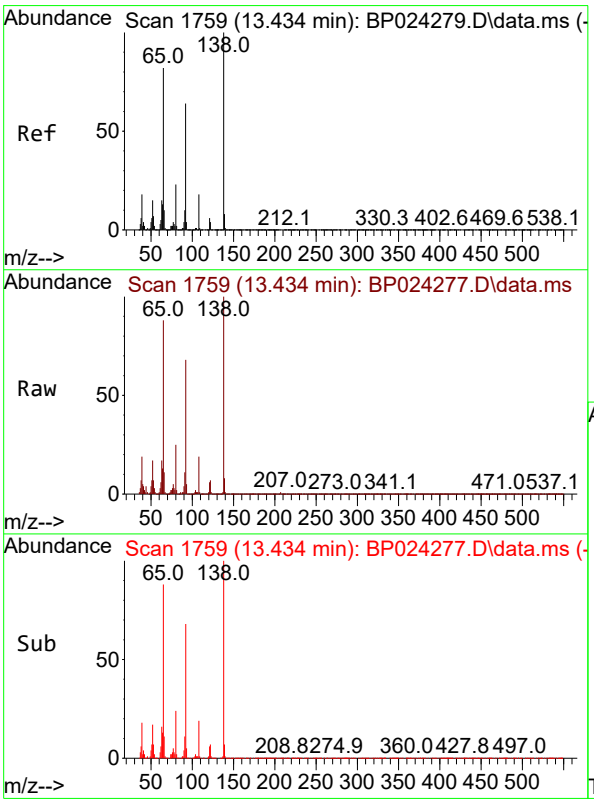
#47
2-Chloronaphthalene
Concen: 9.985 ng
RT: 13.228 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 362419

Ion	Ratio	Lower	Upper
162	100		
127	38.3	31.9	47.9
164	32.5	26.2	39.4

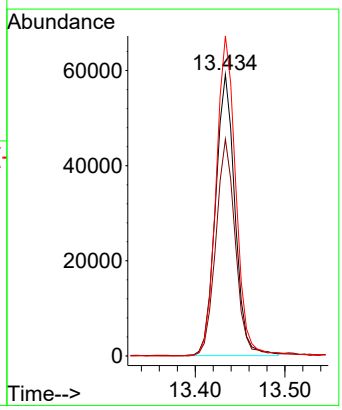


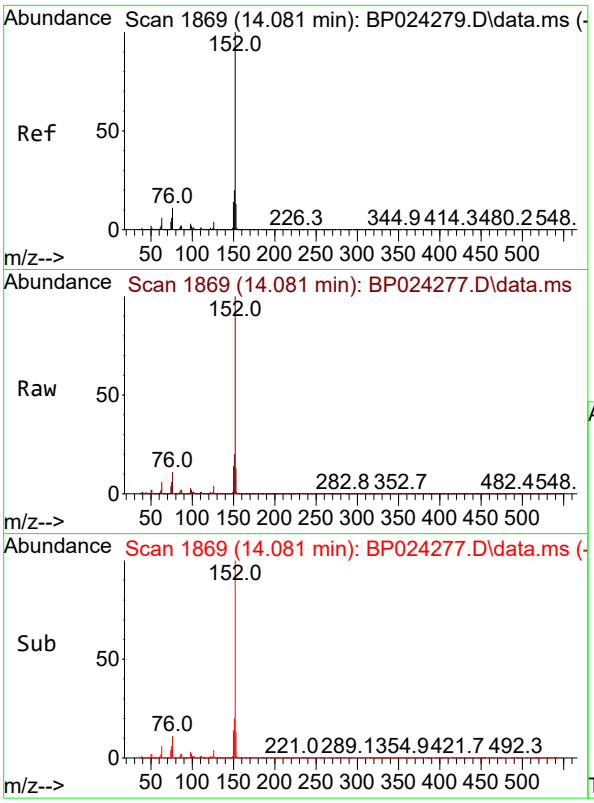


#48
2-Nitroaniline
Concen: 8.866 ng
RT: 13.434 min Scan# 1759
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion: 65 Resp: 88889

Ion	Ratio	Lower	Upper
65	100		
92	77.0	62.3	93.5
138	113.7	97.2	145.8



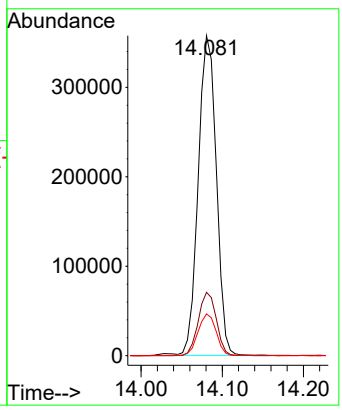


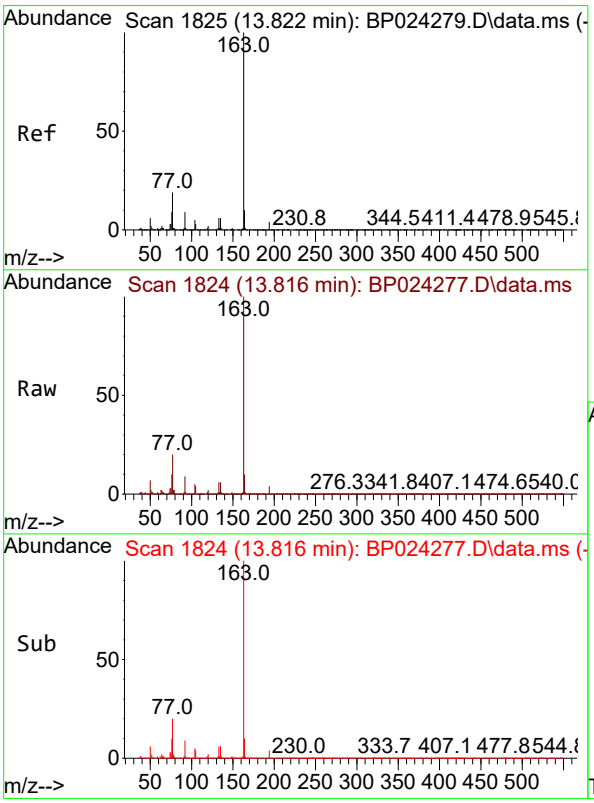
#49
Acenaphthylene
Concen: 9.711 ng
RT: 14.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 553215

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.1	10.6	15.8

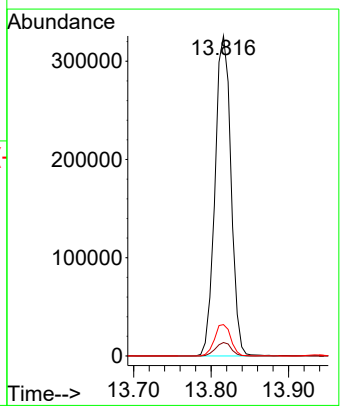


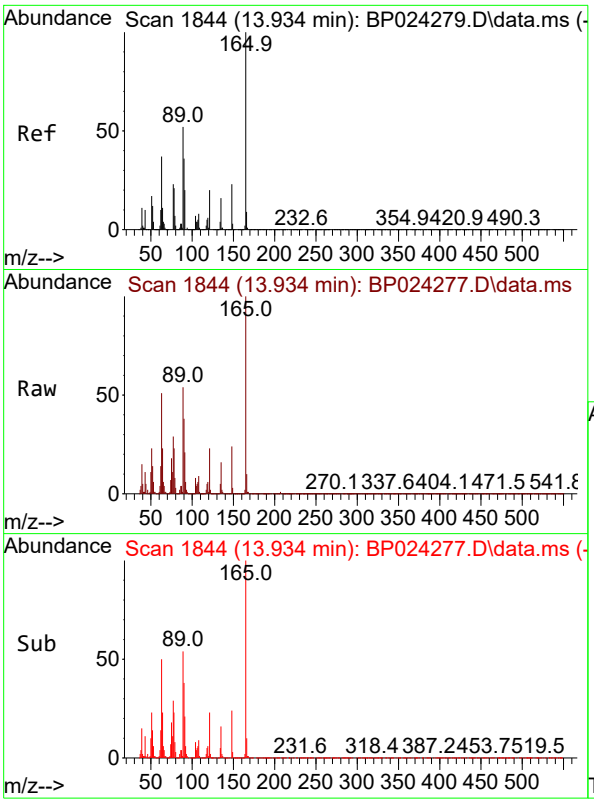


#50
Dimethylphthalate
Concen: 9.704 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:163 Resp: 466314

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	9.8	8.0	12.0



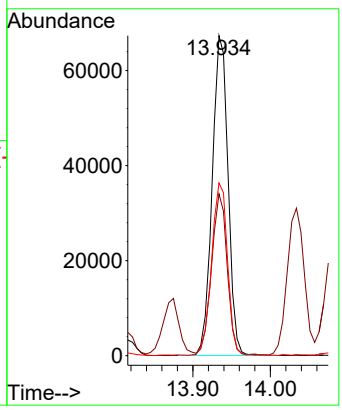


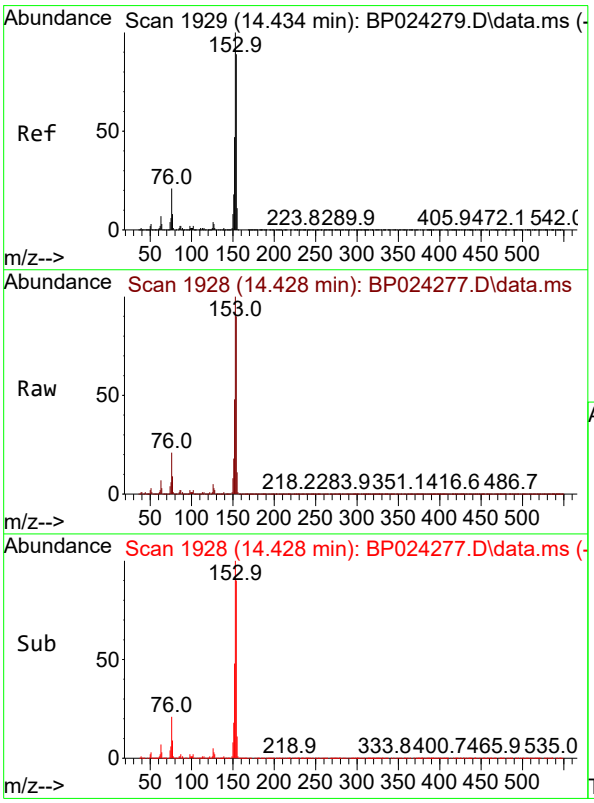
#51
2,6-Dinitrotoluene
Concen: 9.442 ng
RT: 13.934 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 95596

Ion	Ratio	Lower	Upper
165	100		
63	50.6	38.0	57.0
89	54.0	41.7	62.5

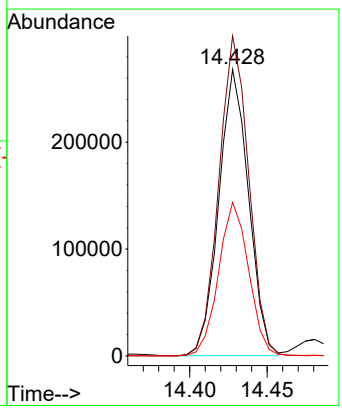


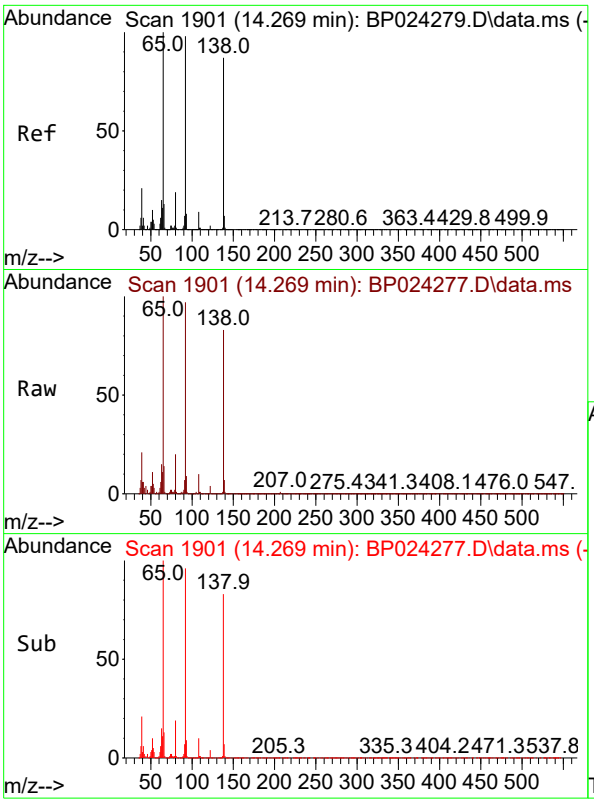


#52
Acenaphthene
Concen: 9.877 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:154 Resp: 357828

Ion	Ratio	Lower	Upper
154	100		
153	111.6	89.8	134.6
152	53.6	42.6	63.8



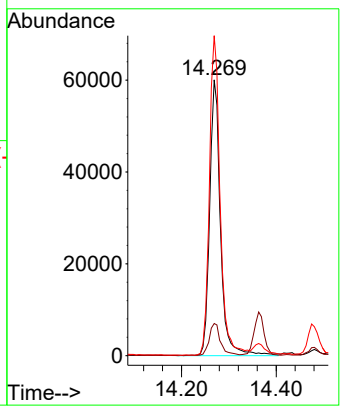


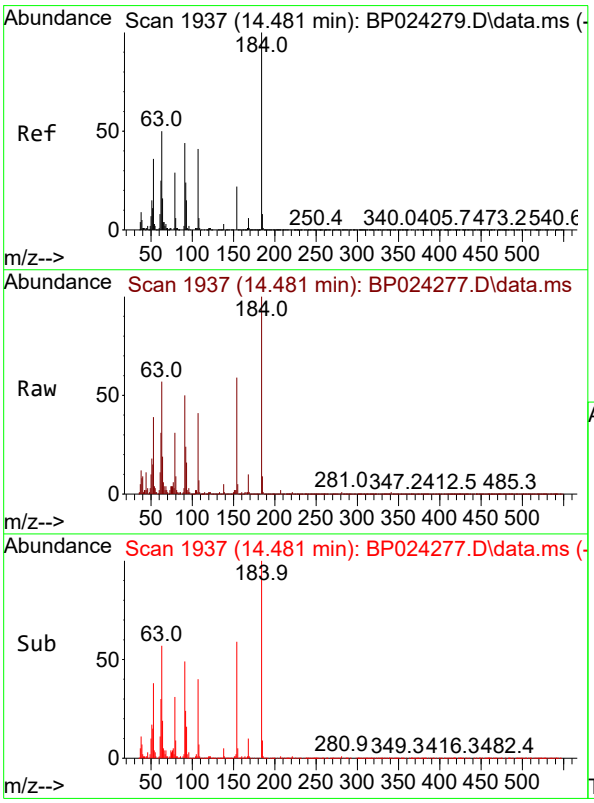
#53
3-Nitroaniline
Concen: 9.067 ng
RT: 14.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 95237

Ion	Ratio	Lower	Upper
138	100		
108	11.7	8.3	12.5
92	116.0	89.8	134.8

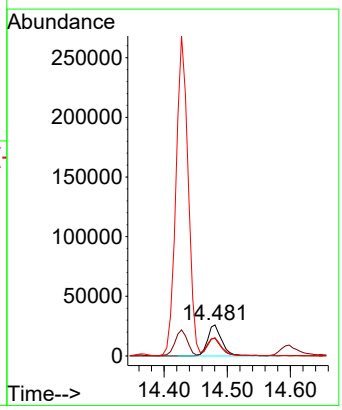


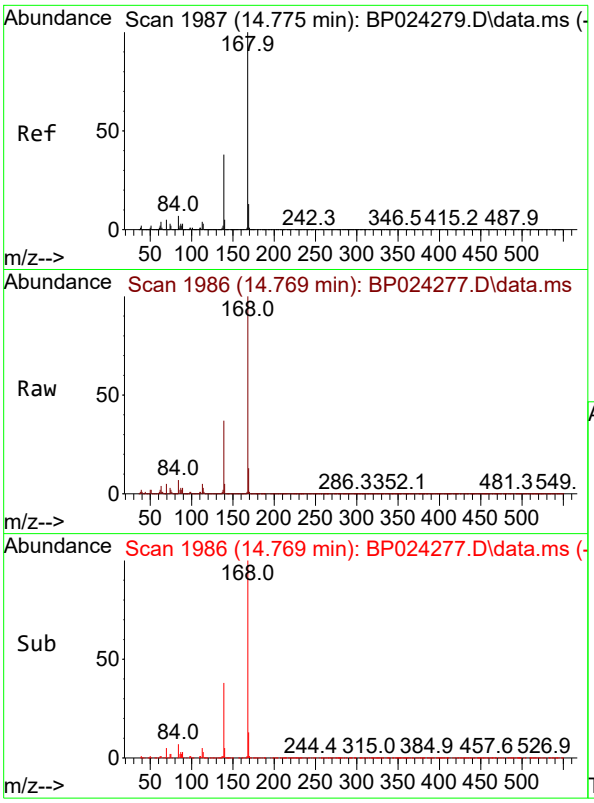


#54
2,4-Dinitrophenol
Concen: 7.588 ng
RT: 14.481 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:184 Resp: 41132

Ion	Ratio	Lower	Upper
184	100		
63	57.2	42.6	64.0
154	58.9	47.2	70.8



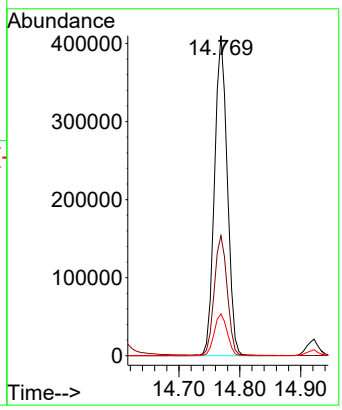


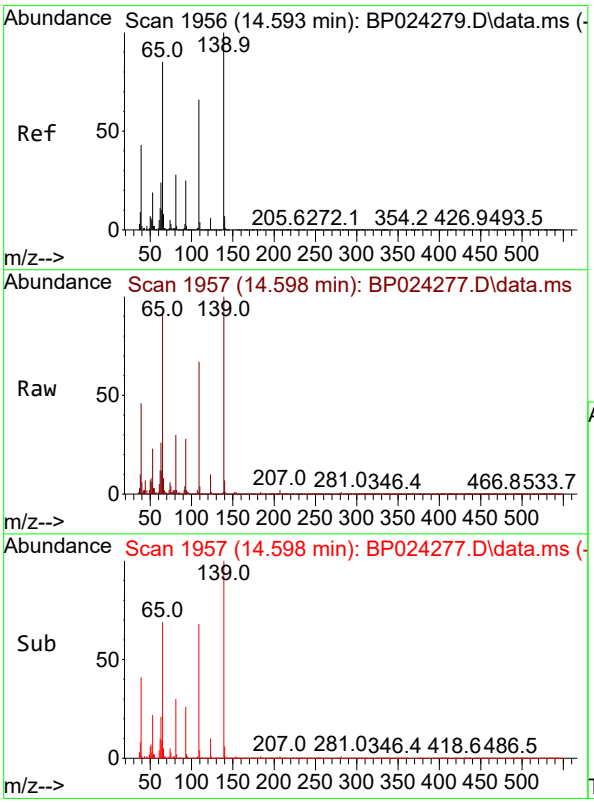
#55
Dibenzofuran
Concen: 10.013 ng
RT: 14.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 594953

Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.3	45.5
169	13.1	10.6	16.0

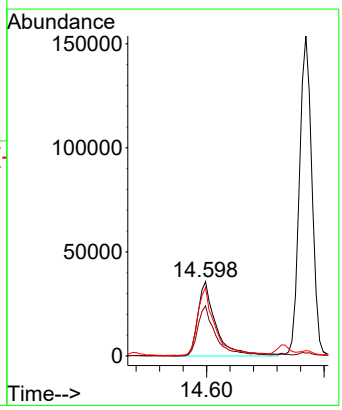


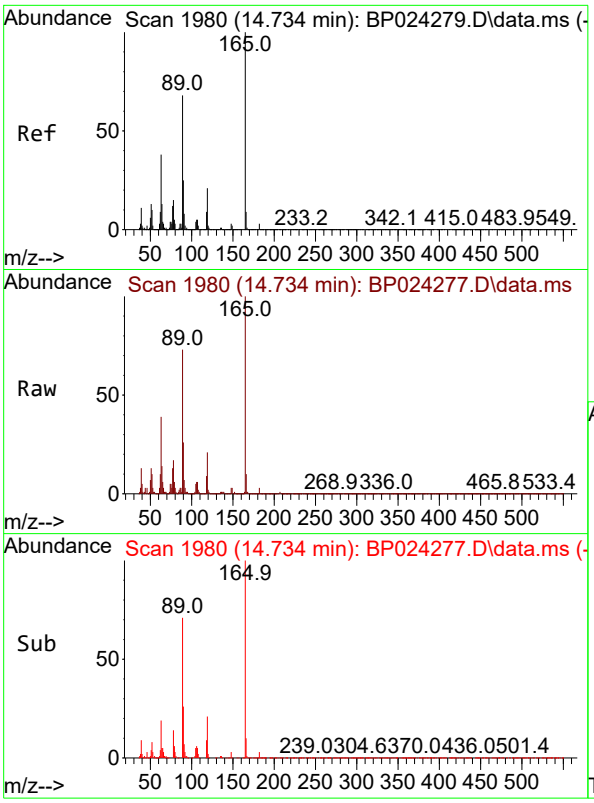


#56
4-Nitrophenol
Concen: 8.416 ng
RT: 14.598 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:139 Resp: 75995

Ion	Ratio	Lower	Upper
139	100		
109	67.3	46.1	86.1
65	92.4	65.0	105.0



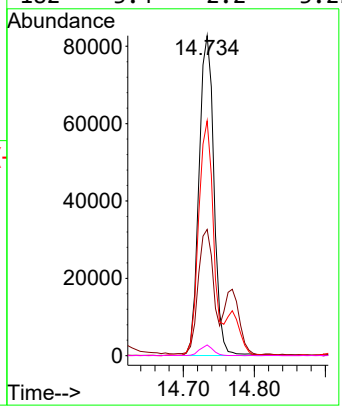


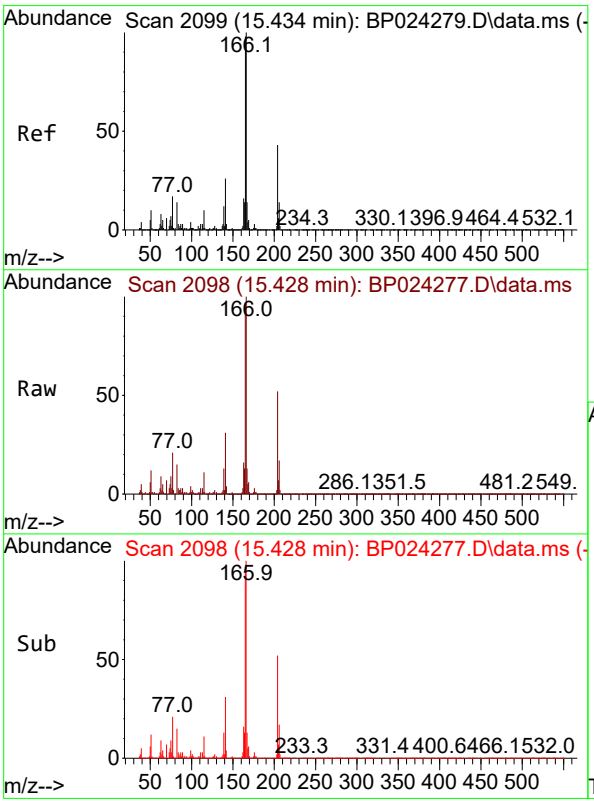
#57
2,4-Dinitrotoluene
Concen: 8.862 ng
RT: 14.734 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 121276

Ion	Ratio	Lower	Upper
165	100		
63	39.5	30.4	45.6
89	73.4	54.6	82.0
182	3.4	2.2	3.2#

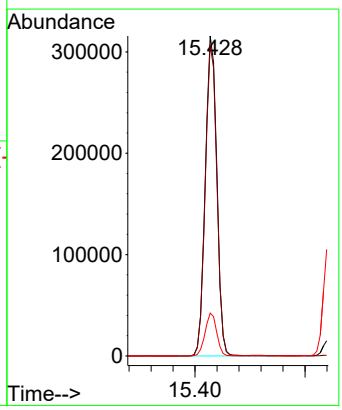


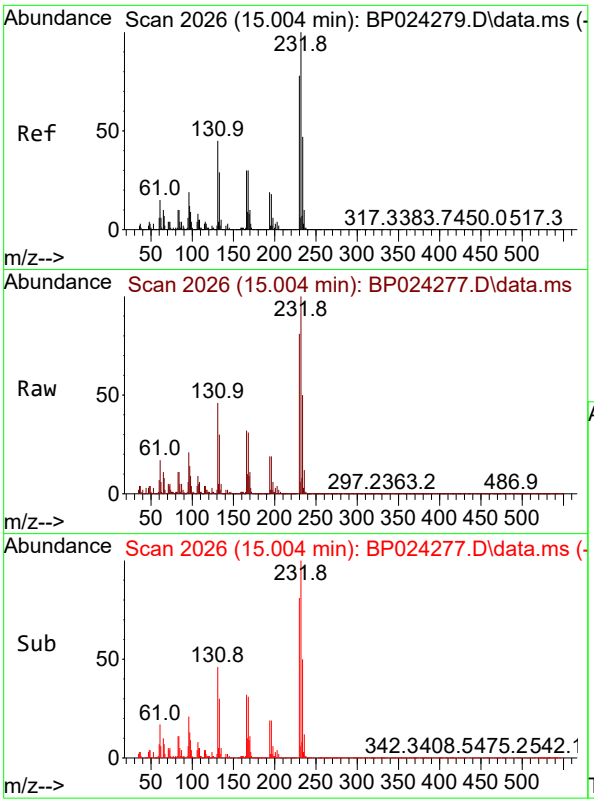


#58
Fluorene
Concen: 10.026 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:166 Resp: 459952

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.1	117.1
167	13.4	10.9	16.3



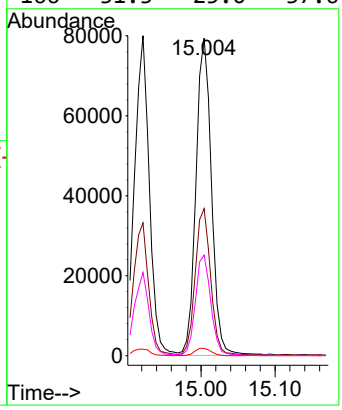


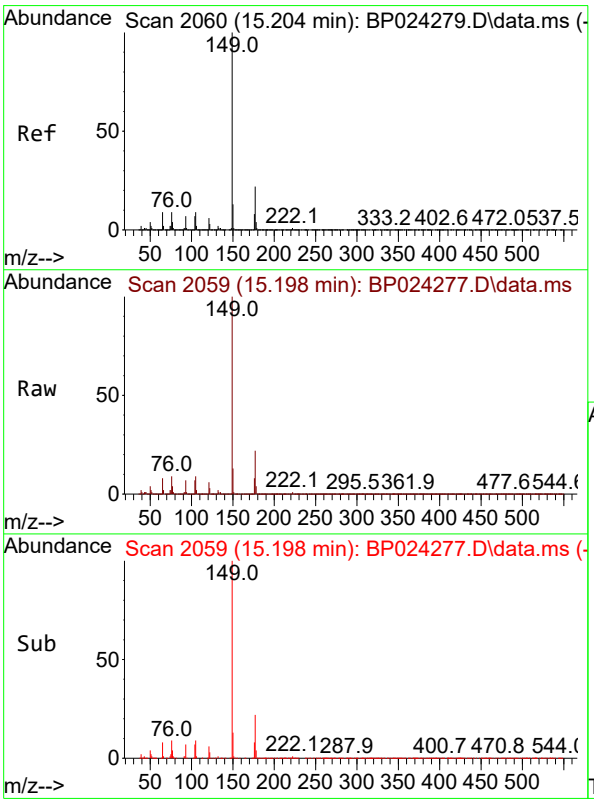
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.470 ng
RT: 15.004 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 115645

Ion	Ratio	Lower	Upper
232	100		
131	45.6	36.8	55.2
130	2.5	1.9	2.9
166	31.3	25.0	37.6

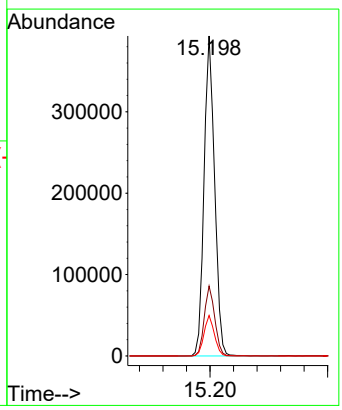


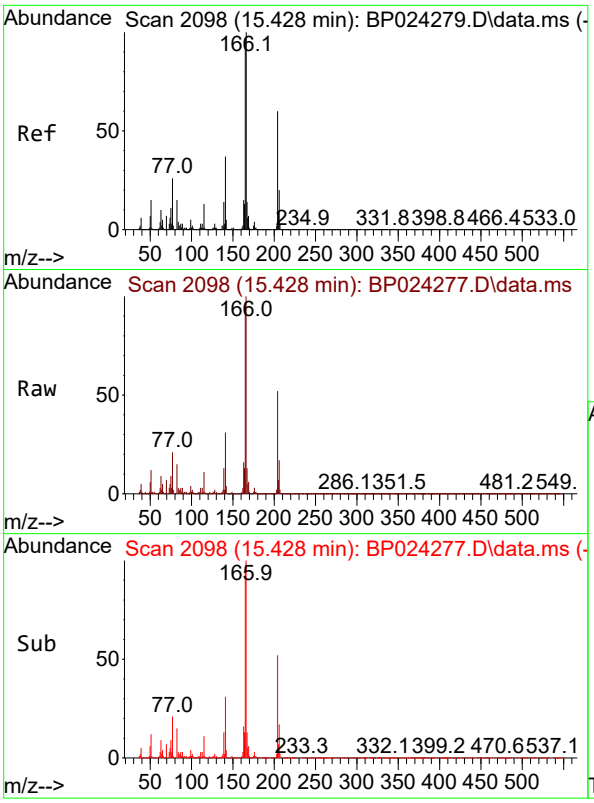


#60
Diethylphthalate
Concen: 9.884 ng
RT: 15.198 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:149 Resp: 488847

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.4	26.2
150	12.6	10.1	15.1



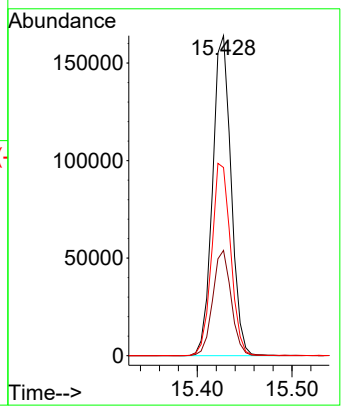


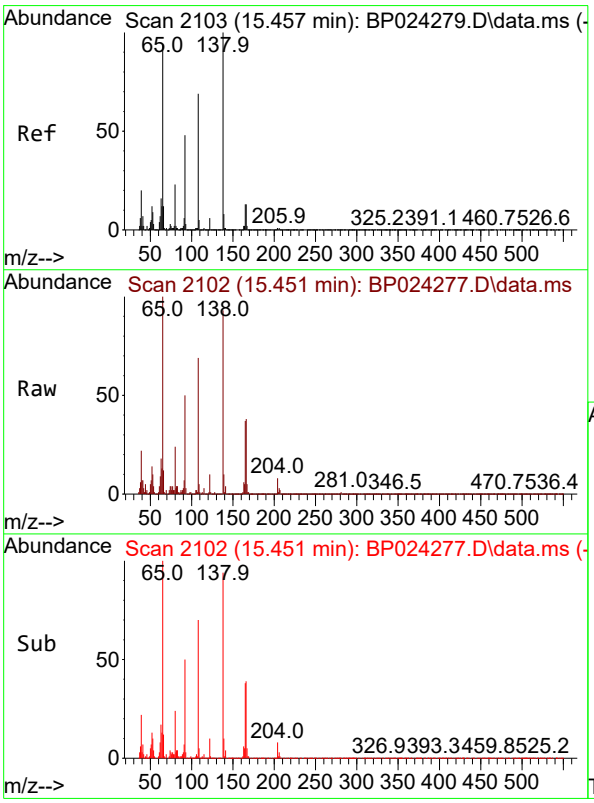
#61
4-Chlorophenyl-phenylether
Concen: 9.985 ng
RT: 15.428 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 222437

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	58.8	49.4	74.0

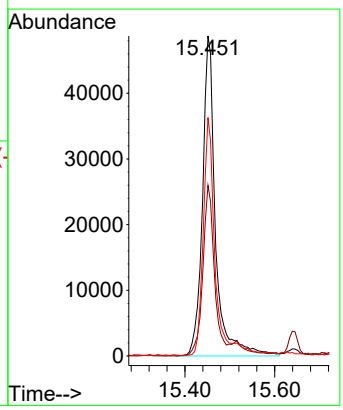


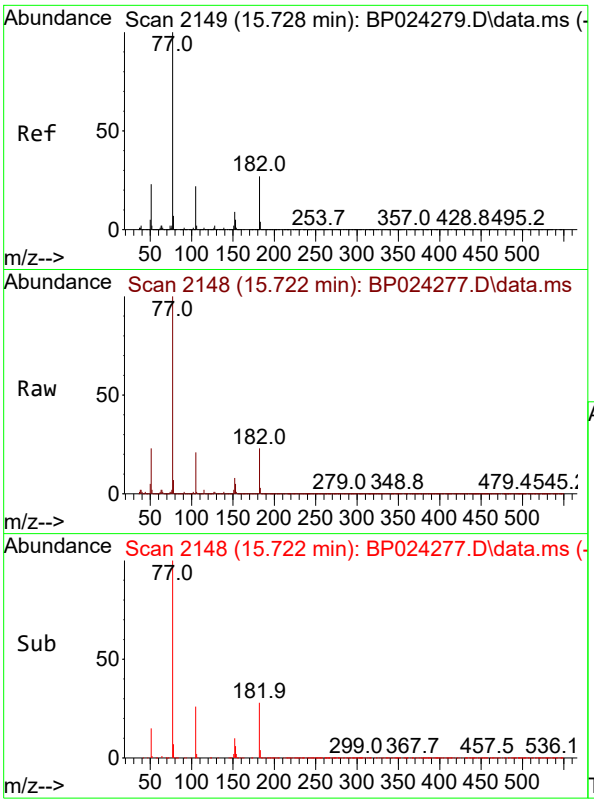


#62
4-Nitroaniline
Concen: 8.857 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:138 Resp: 98638

Ion	Ratio	Lower	Upper
138	100		
92	53.3	27.8	67.8
108	74.5	48.9	88.9



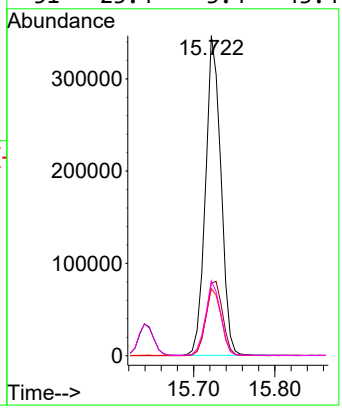


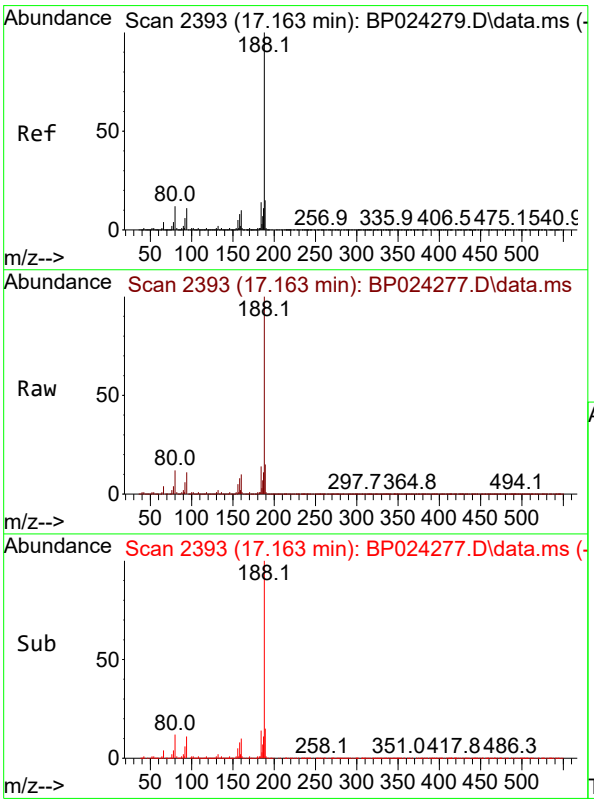
#63
Azobenzene
Concen: 9.999 ng
RT: 15.722 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 455459

Ion	Ratio	Lower	Upper
77	100		
182	22.7	7.3	47.3
105	20.9	2.3	42.3
51	23.4	3.4	43.4

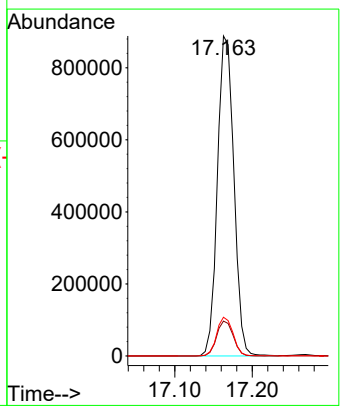


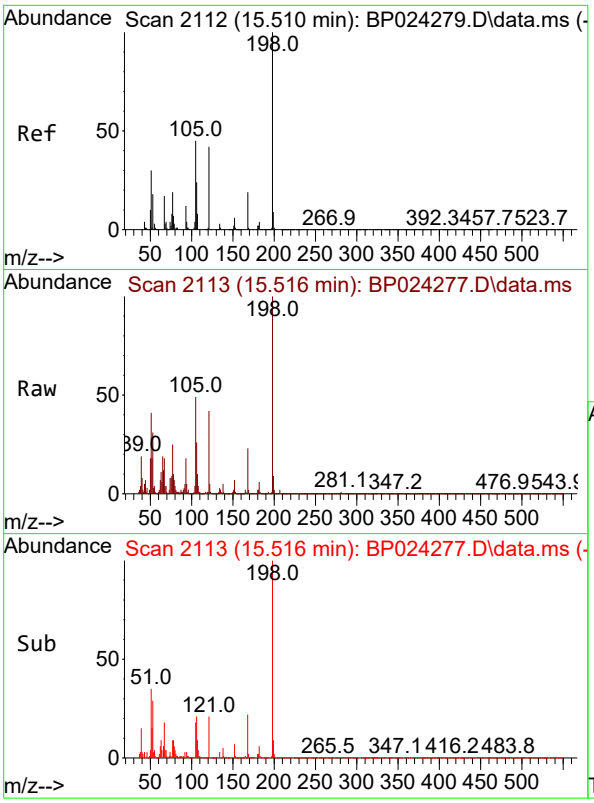


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:188 Resp: 1310701

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.6	13.0
80	12.1	9.8	14.6



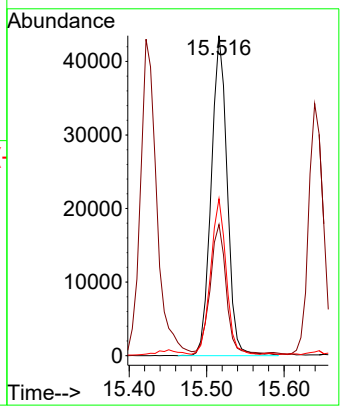


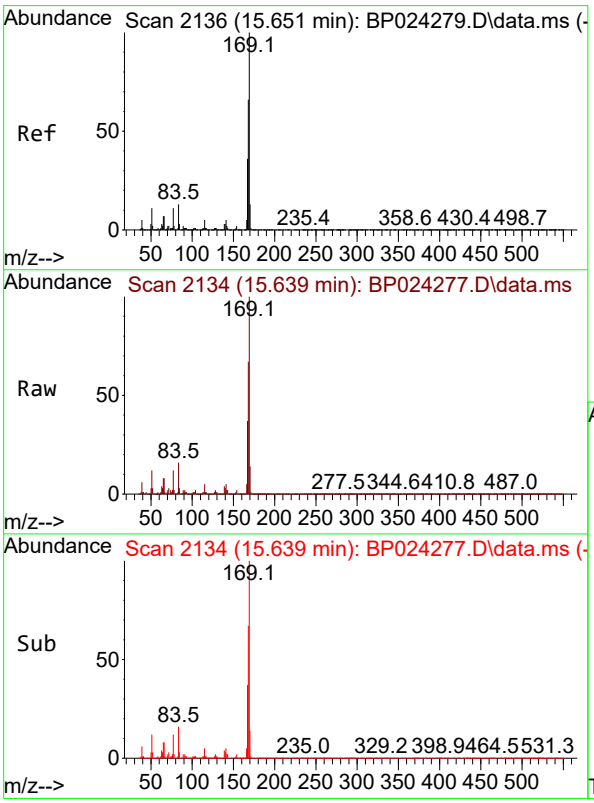
#65
4,6-Dinitro-2-methylphenol
Concen: 8.151 ng
RT: 15.516 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 62421

Ion	Ratio	Lower	Upper
198	100		
51	41.0	18.4	58.4
105	49.0	26.5	66.5

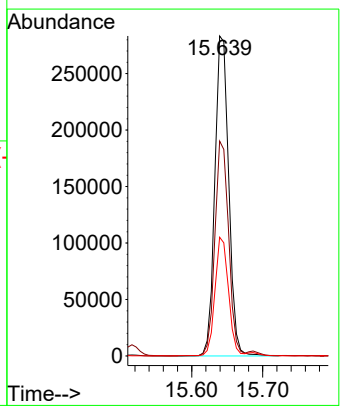


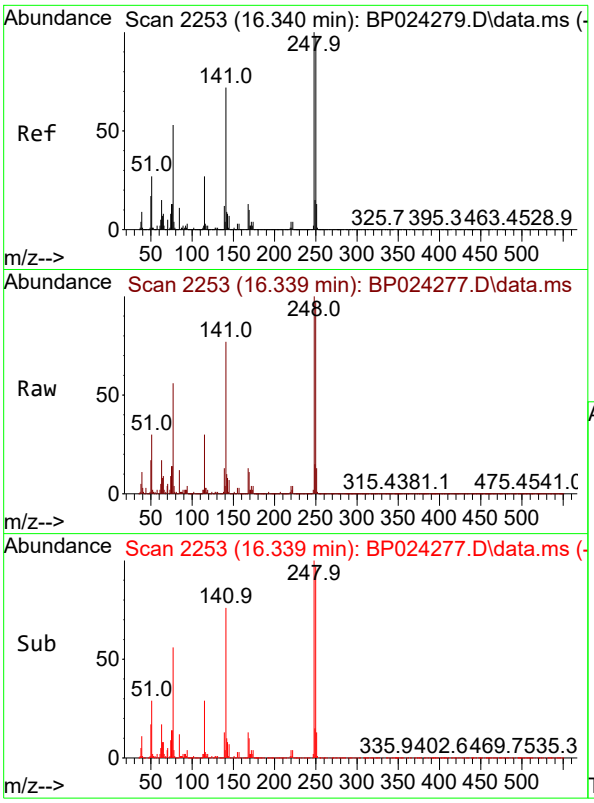


#66
n-Nitrosodiphenylamine
Concen: 9.759 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.012 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:169 Resp: 383558

Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.0	79.4
167	37.1	28.9	43.3



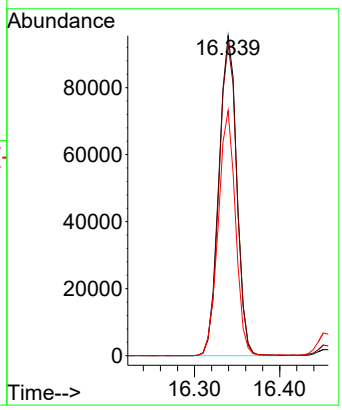


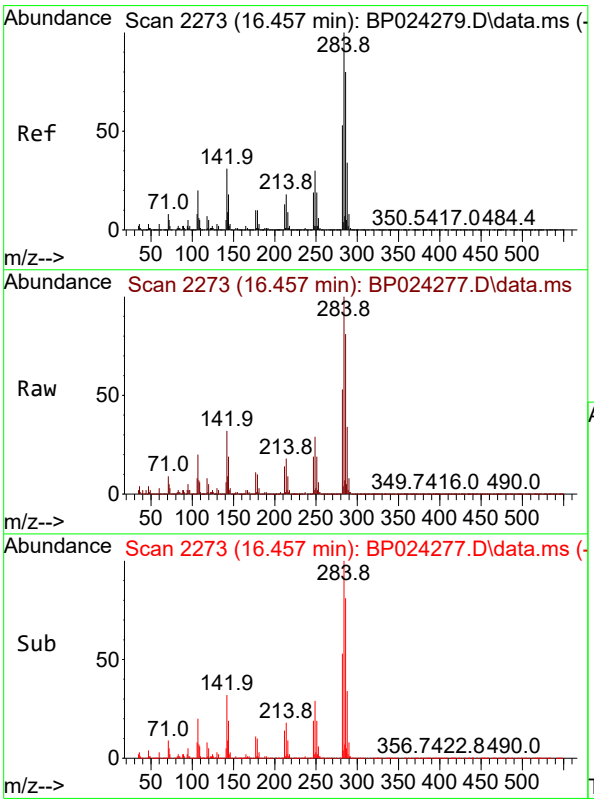
#67
4-Bromophenyl-phenylether
Concen: 9.703 ng
RT: 16.339 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 138724

Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.2	117.4
141	76.6	57.7	86.5

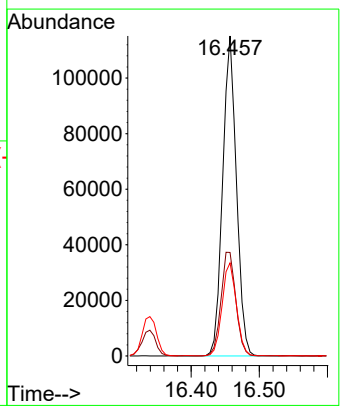


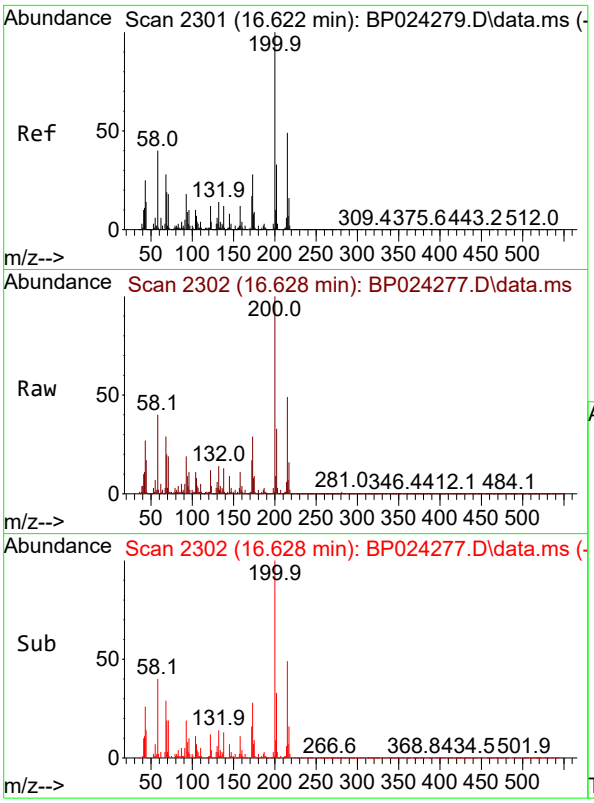


#68
Hexachlorobenzene
Concen: 9.528 ng
RT: 16.457 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:284 Resp: 161944

Ion	Ratio	Lower	Upper
284	100		
142	32.4	24.6	37.0
249	29.1	23.8	35.6



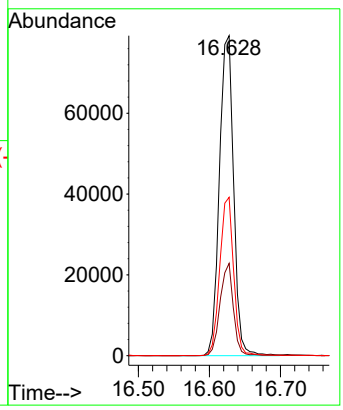


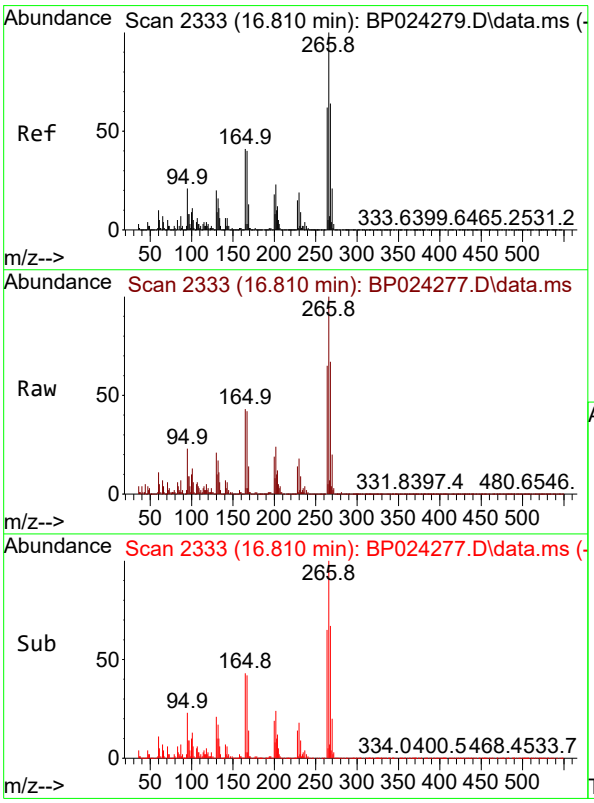
#69
Atrazine
Concen: 10.990 ng
RT: 16.628 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 109503

Ion	Ratio	Lower	Upper
200	100		
173	28.8	7.5	47.5
215	49.5	28.8	68.8

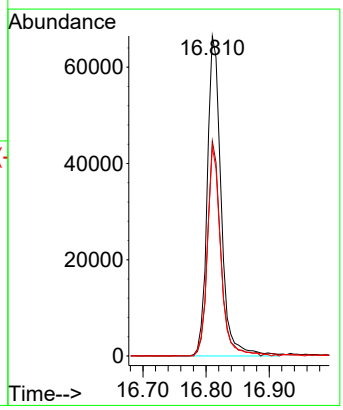


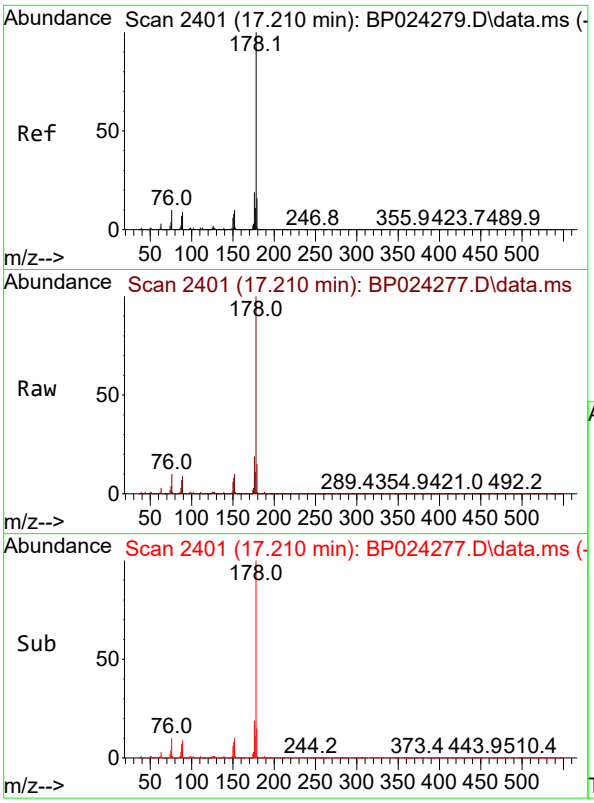


#70
Pentachlorophenol
Concen: 8.682 ng
RT: 16.810 min Scan# 2333
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:266 Resp: 101318

Ion	Ratio	Lower	Upper
266	100		
268	67.1	51.0	76.6
264	65.3	49.8	74.6



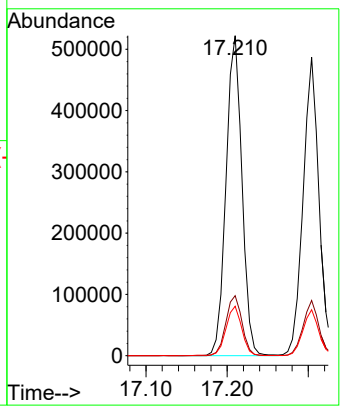


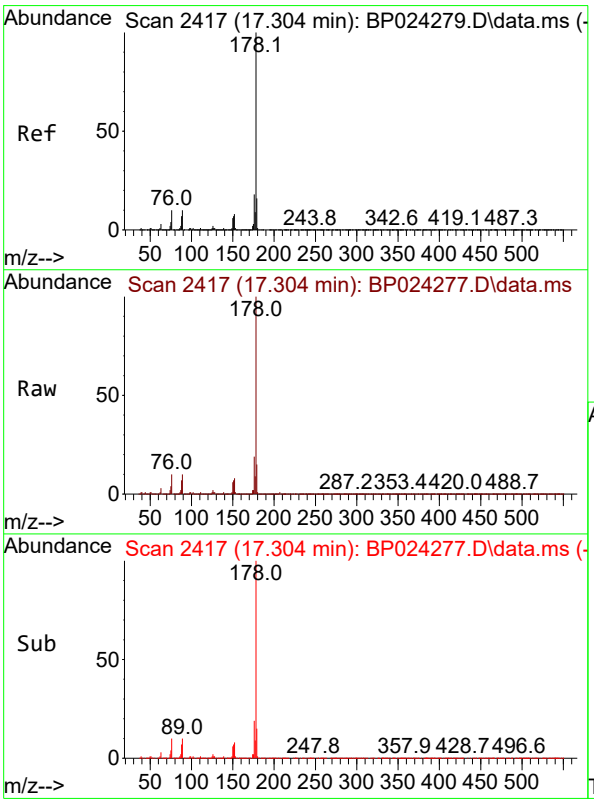
#71
Phenanthrene
Concen: 9.900 ng
RT: 17.210 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 711407

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.5	12.5	18.7

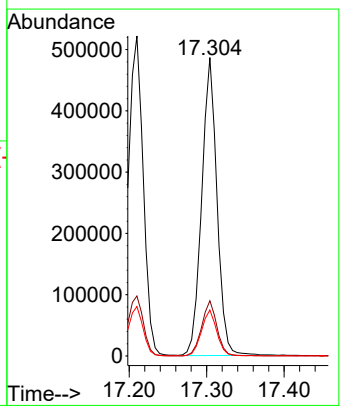


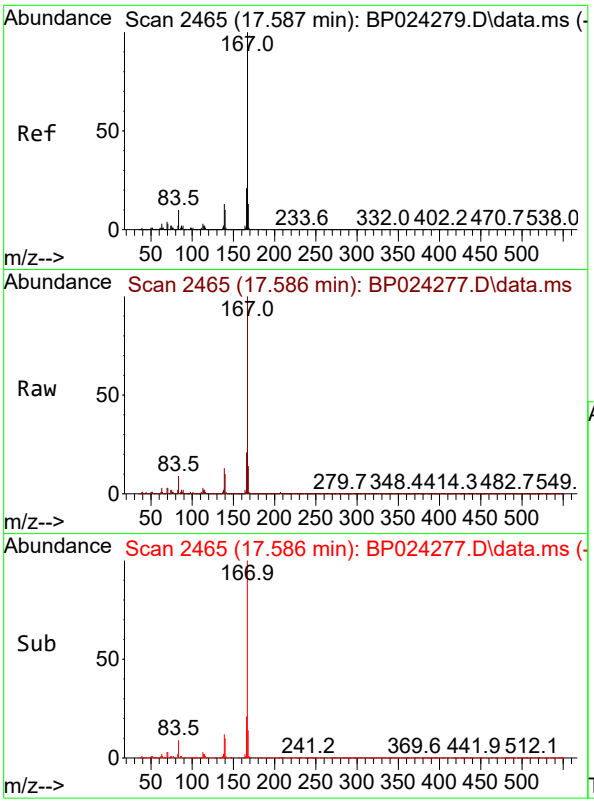


#72
Anthracene
Concen: 9.635 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:178 Resp: 666269

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.4	12.4	18.6



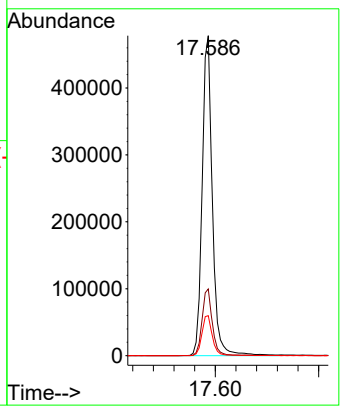


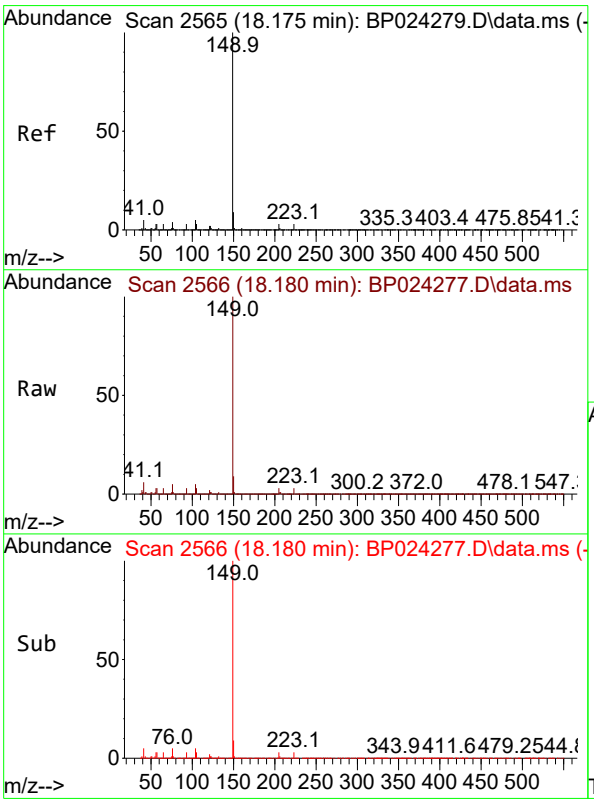
#73
Carbazole
Concen: 9.721 ng
RT: 17.586 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 654205

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.1	25.7
139	12.5	10.6	16.0

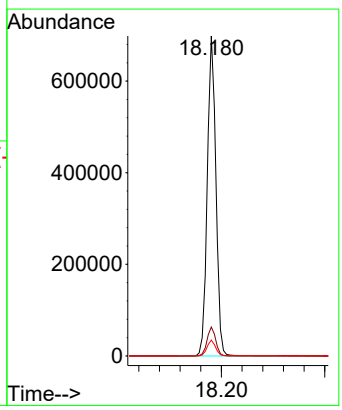


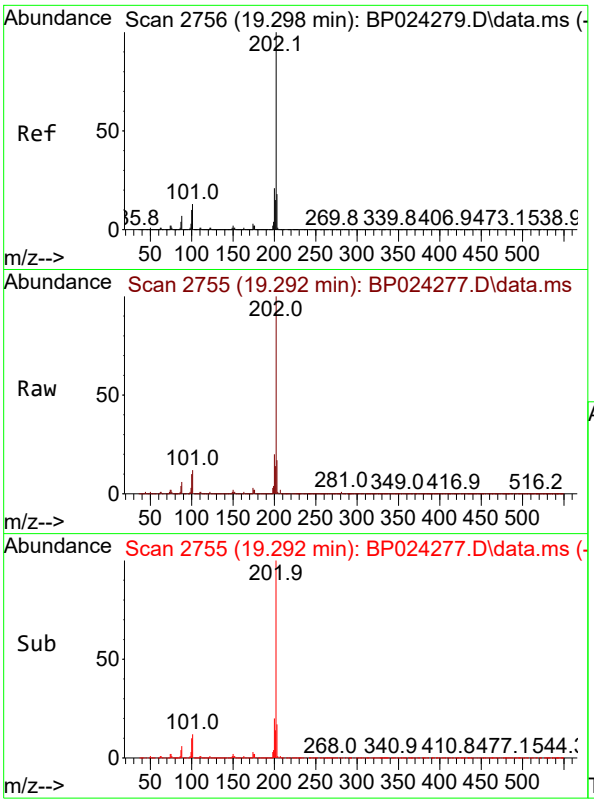


#74
Di-n-butylphthalate
Concen: 9.616 ng
RT: 18.180 min Scan# 2566
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:149 Resp: 806280

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	4.9	3.9	5.9



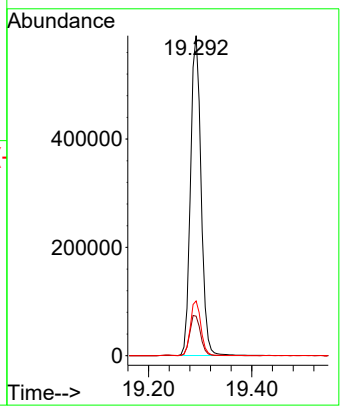


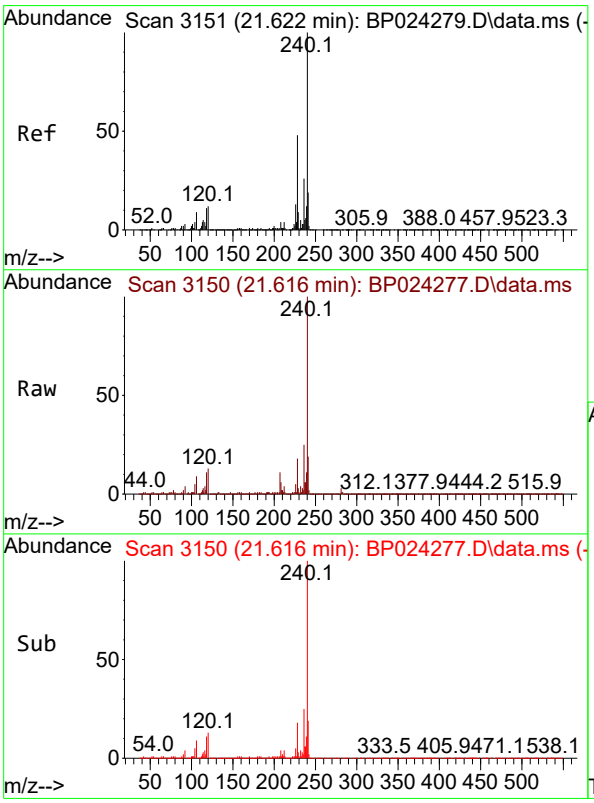
#75
Fluoranthene
Concen: 9.791 ng
RT: 19.292 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 835153

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	17.1	0.0	37.7

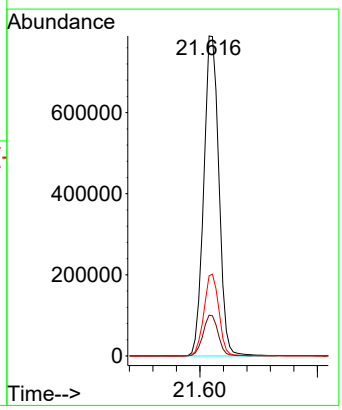


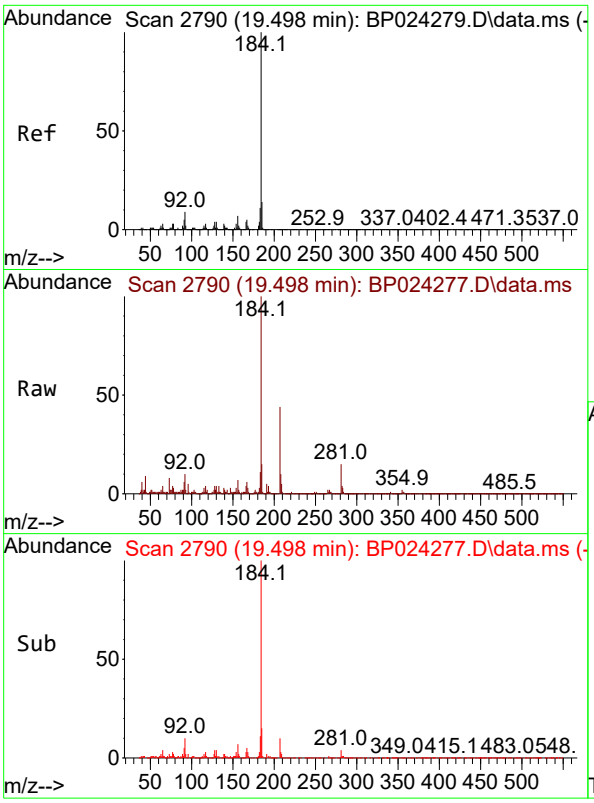


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.616 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:240 Resp: 1408913

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.8	14.8
236	25.0	20.9	31.3



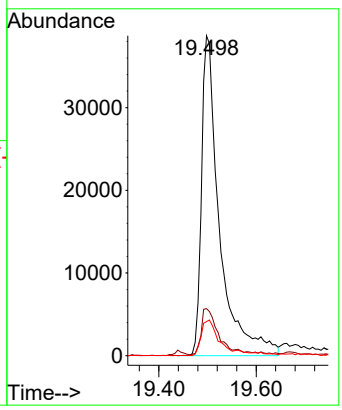


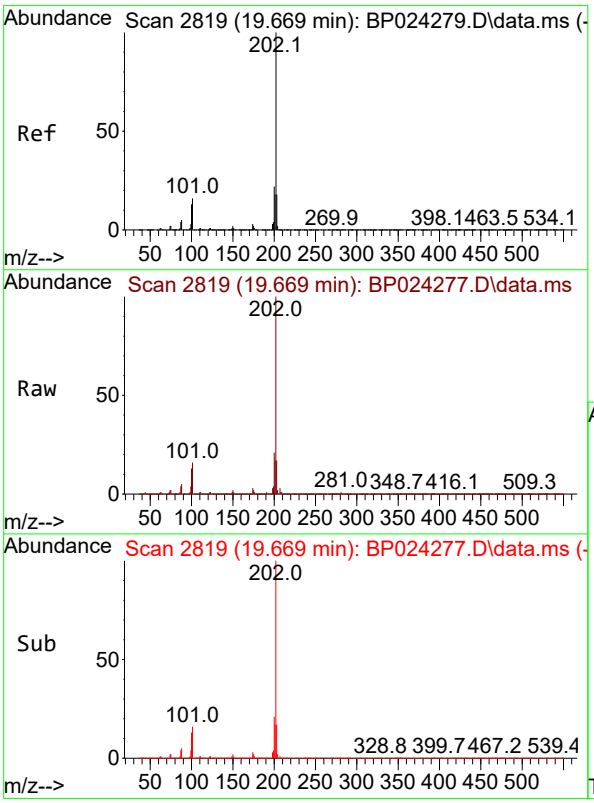
#77
Benzidine
Concen: 5.730 ng
RT: 19.498 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 99659

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.6	17.4
183	10.6	9.2	13.8

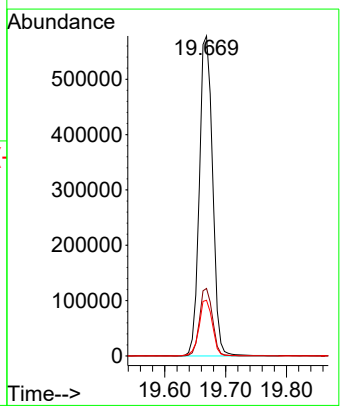


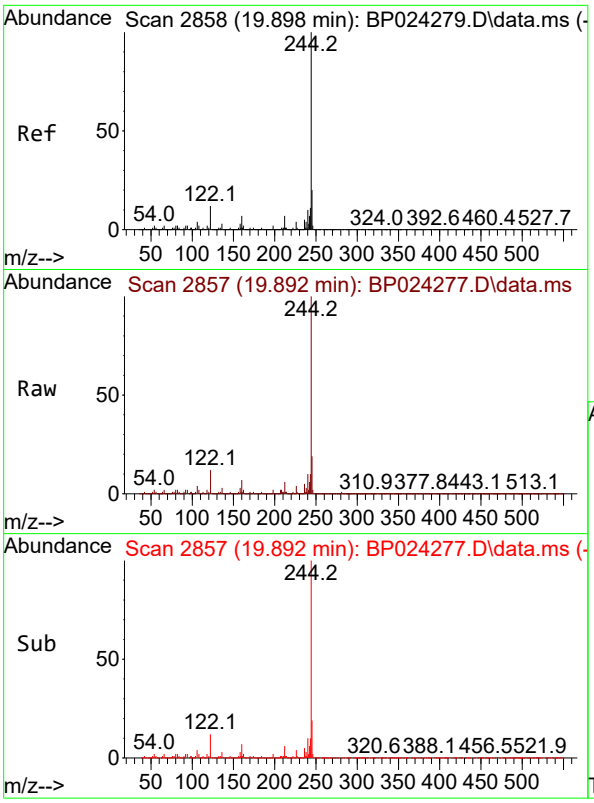


#78
Pyrene
Concen: 9.659 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:202 Resp: 870767

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	17.4	14.4	21.6



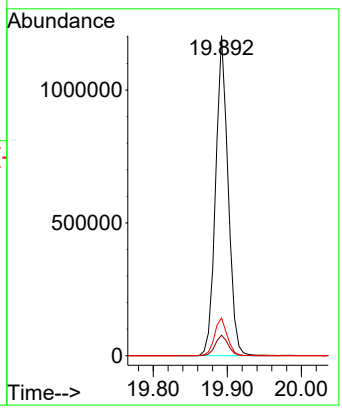


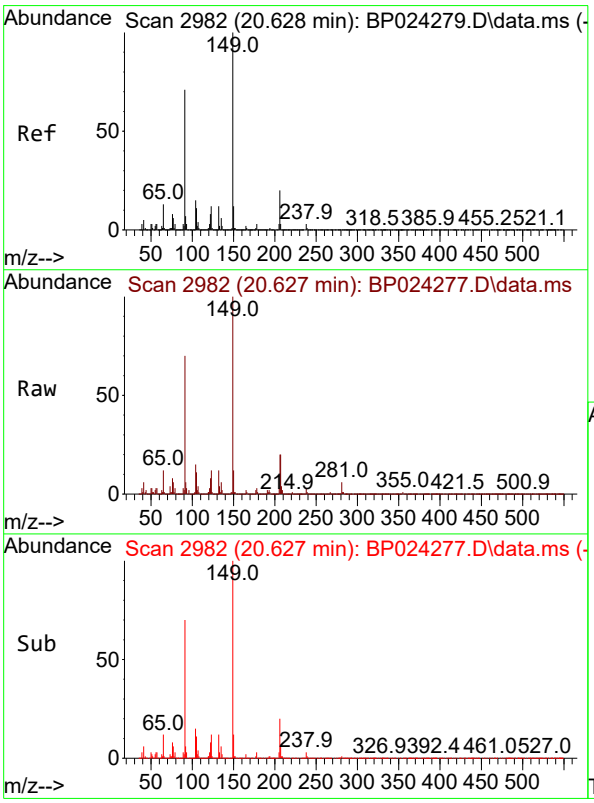
#79
Terphenyl-d14
Concen: 19.888 ng
RT: 19.892 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 1405643

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	11.8	9.4	14.0

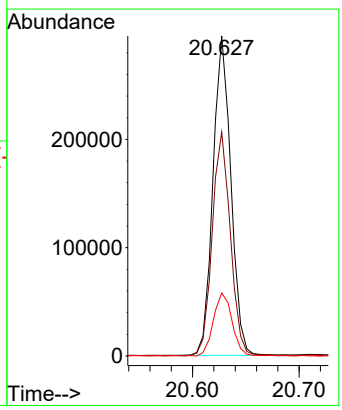


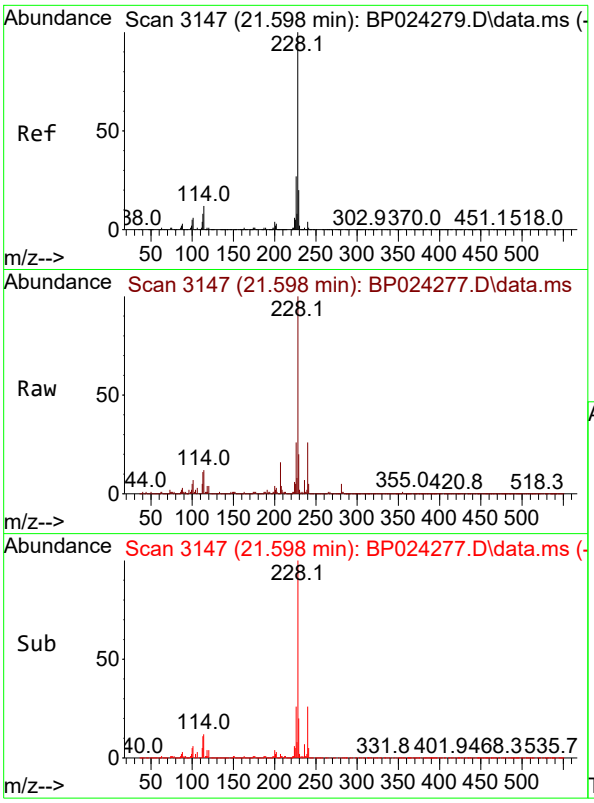


#80
Butylbenzylphthalate
Concen: 9.043 ng
RT: 20.627 min Scan# 2982
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:149 Resp: 343670

Ion	Ratio	Lower	Upper
149	100		
91	69.9	56.4	84.6
206	19.7	16.3	24.5



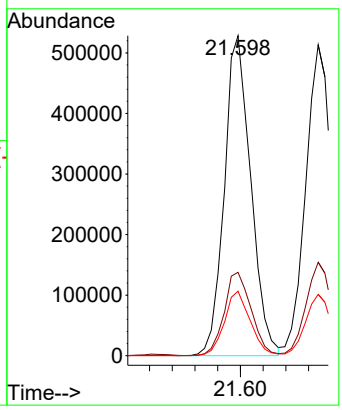


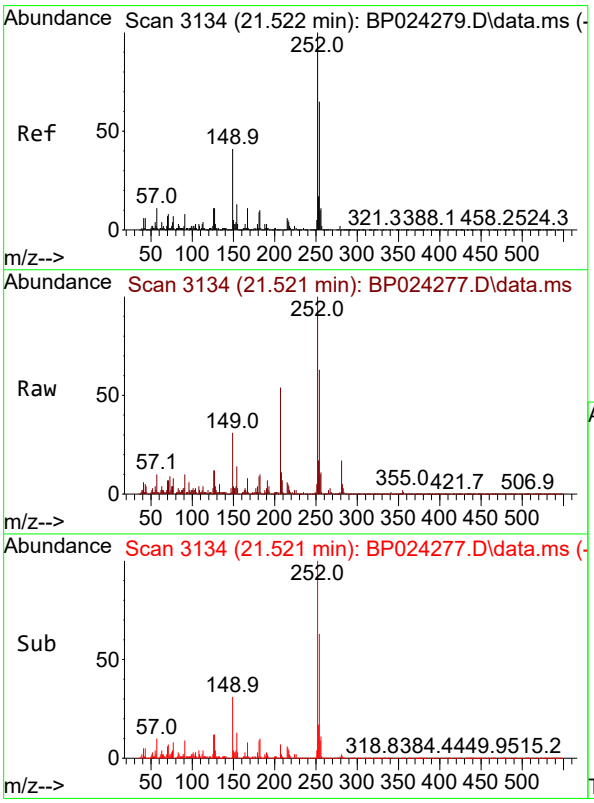
#81
Benzo(a)anthracene
Concen: 9.734 ng
RT: 21.598 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 854983

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.8	32.8
229	20.2	15.9	23.9

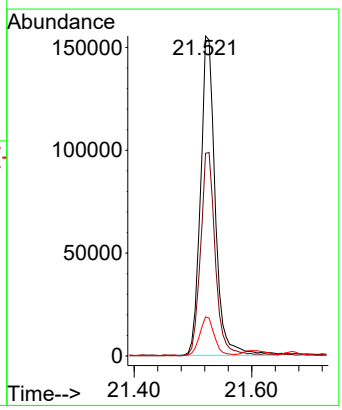


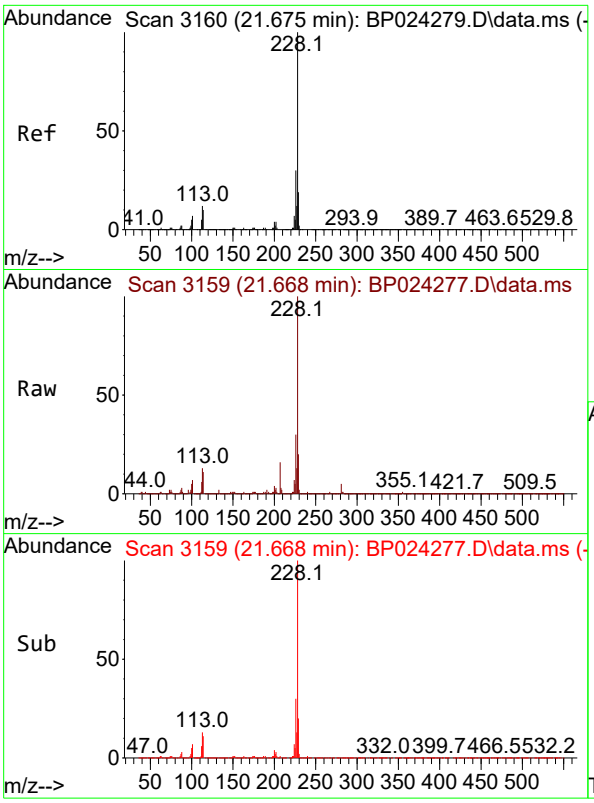


#82
3,3'-Dichlorobenzidine
Concen: 8.857 ng
RT: 21.521 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:252 Resp: 269772

Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.7	77.5
126	12.2	8.8	13.2



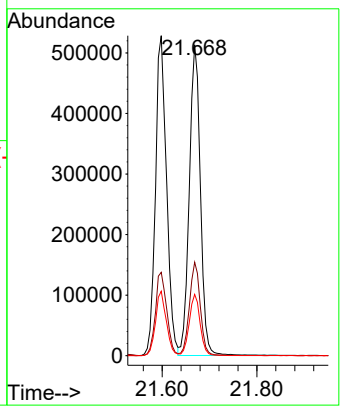


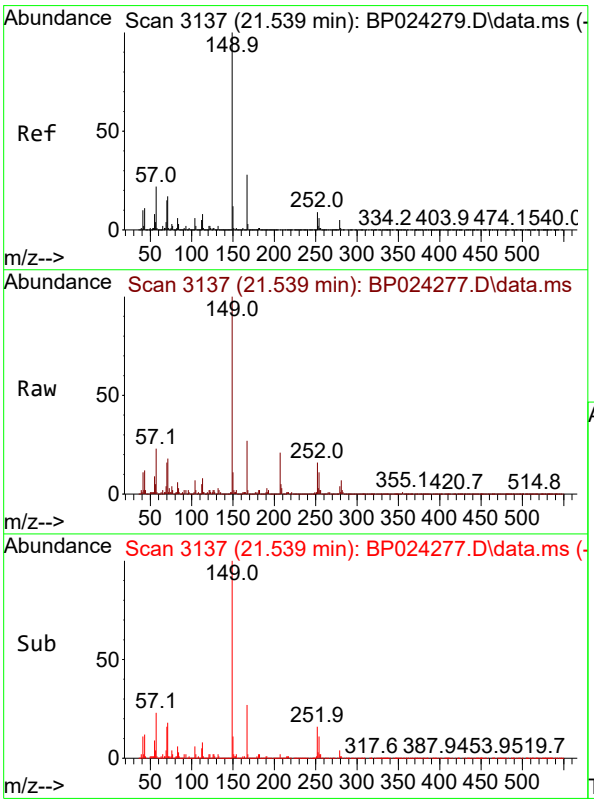
#83
Chrysene
Concen: 9.887 ng
RT: 21.668 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 832263

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	19.7	15.6	23.4

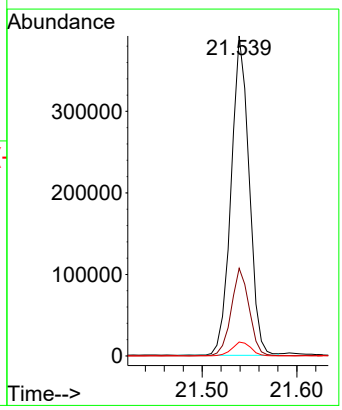


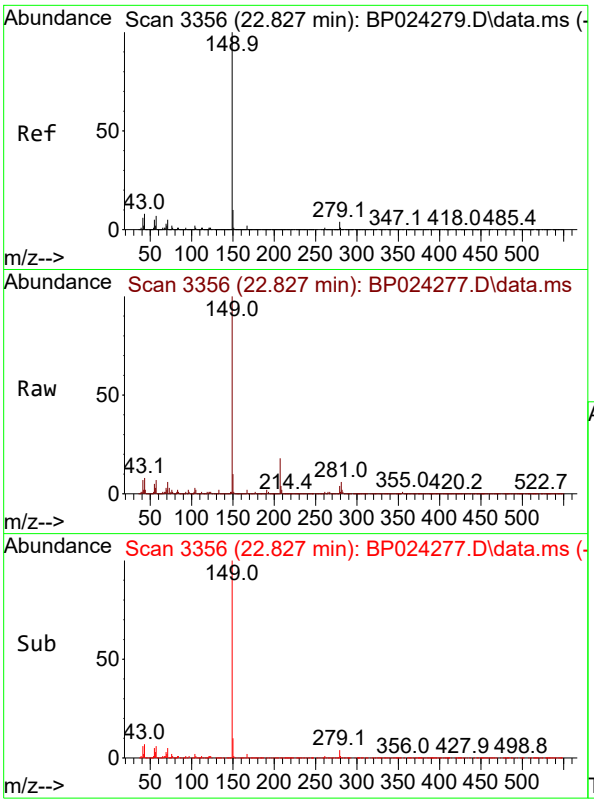


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.253 ng
RT: 21.539 min Scan# 3137
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:149 Resp: 517894

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.4	33.6
279	4.4	4.0	6.0



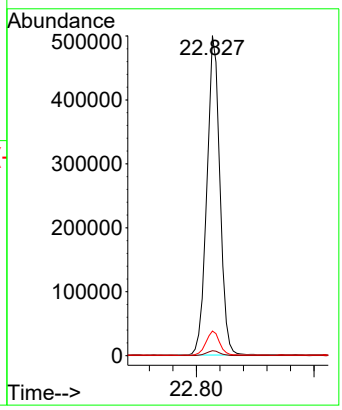


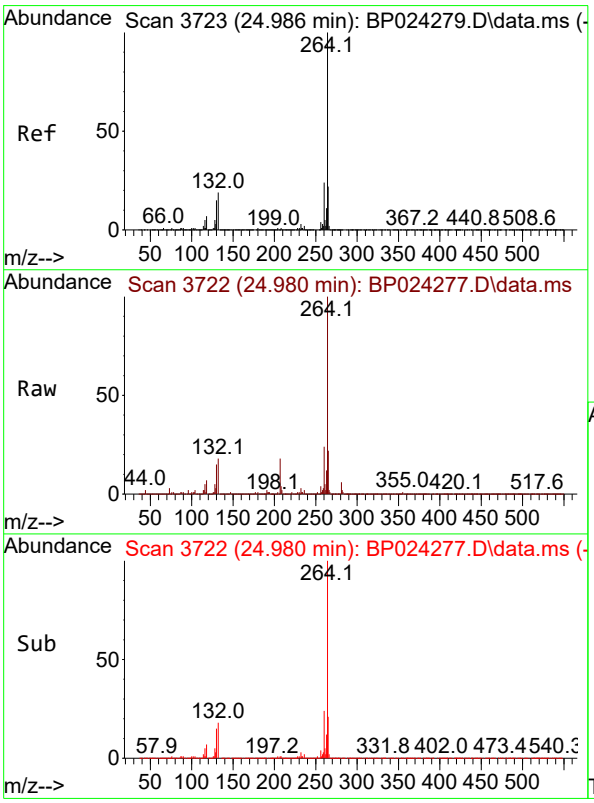
#85
Di-n-octyl phthalate
Concen: 8.584 ng
RT: 22.827 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 769654

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.9	6.0	9.0

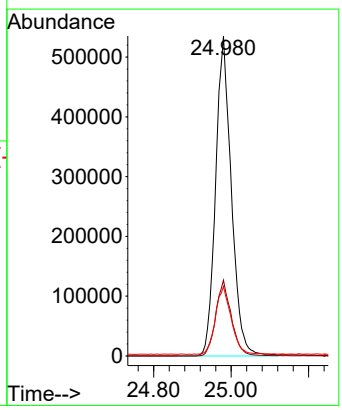


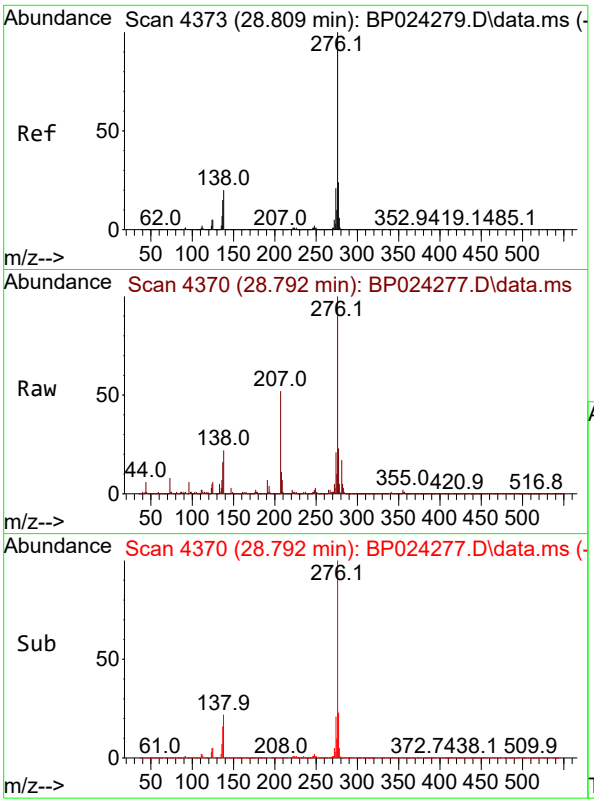


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.980 min Scan# 3722
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:264 Resp: 1508235

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.8	17.8	26.6



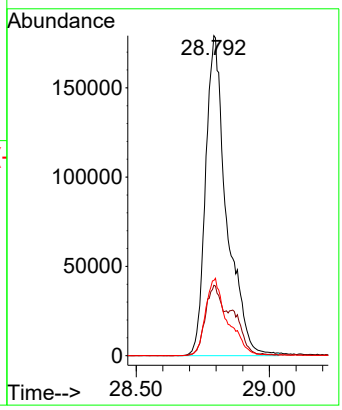


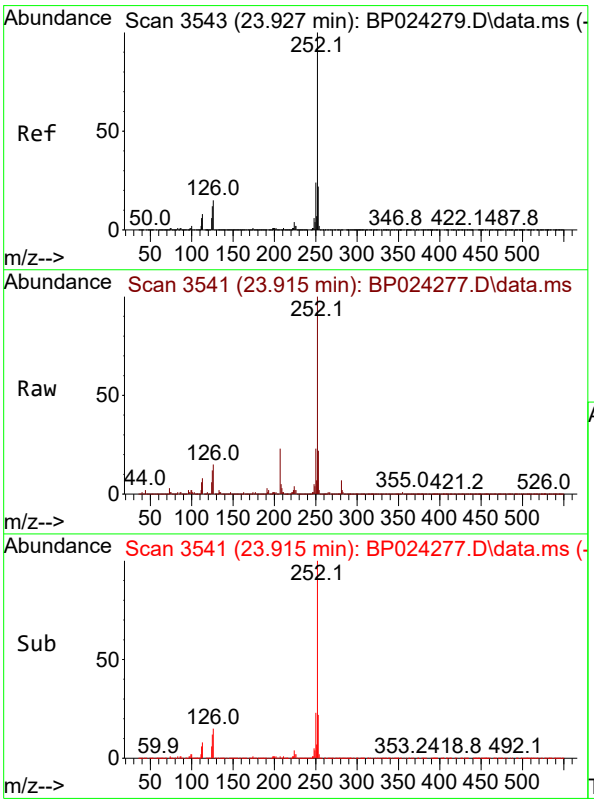
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.480 ng
RT: 28.792 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 983323

Ion	Ratio	Lower	Upper
276	100		
138	19.2	14.5	21.7
277	25.4	20.2	30.2

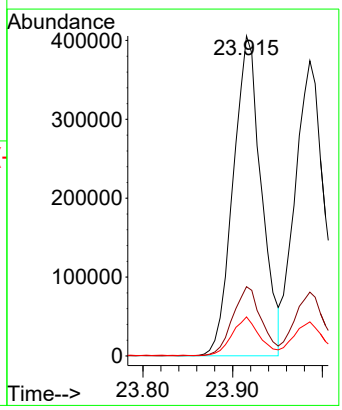


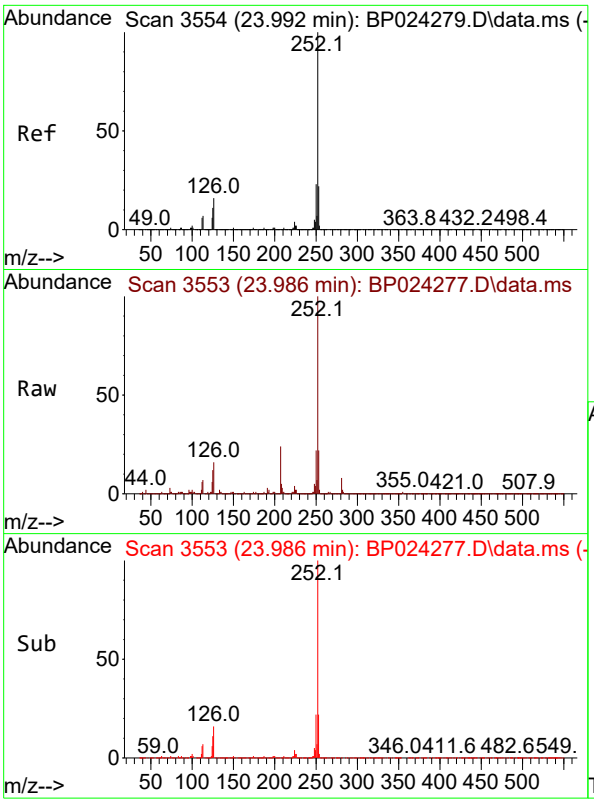


#88
Benzo(b)fluoranthene
Concen: 9.810 ng
RT: 23.915 min Scan# 3541
Delta R.T. -0.012 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:252 Resp: 885212

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	12.2	9.4	14.0



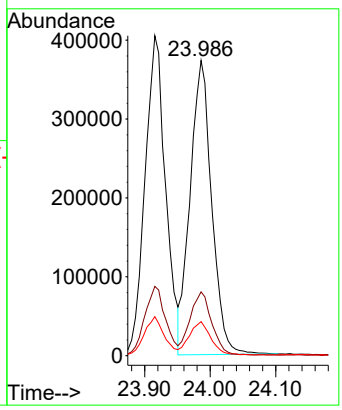


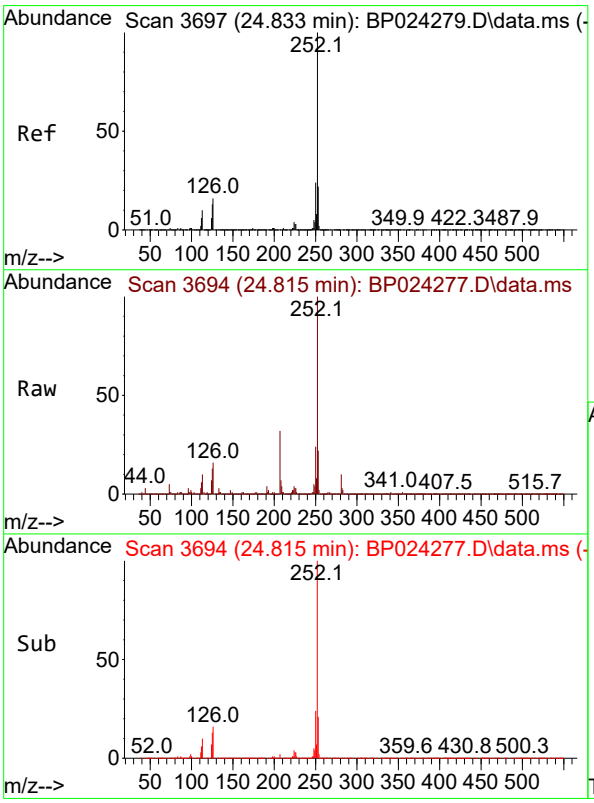
#89
Benzo(k)fluoranthene
Concen: 9.735 ng
RT: 23.986 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 852606

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	11.5	9.1	13.7

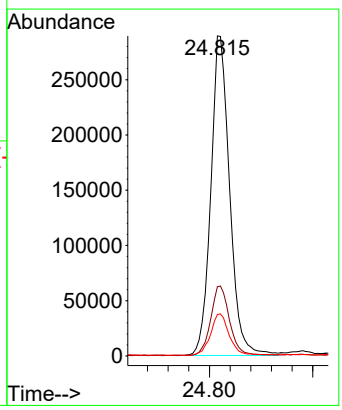


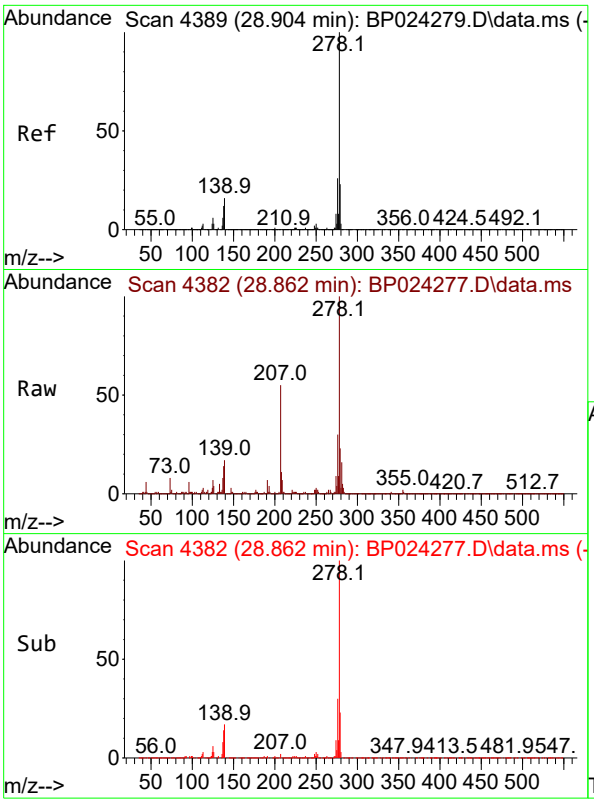


#90
Benzo(a)pyrene
Concen: 9.426 ng
RT: 24.815 min Scan# 3694
Delta R.T. -0.018 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:252 Resp: 732209

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	13.0	10.1	15.1



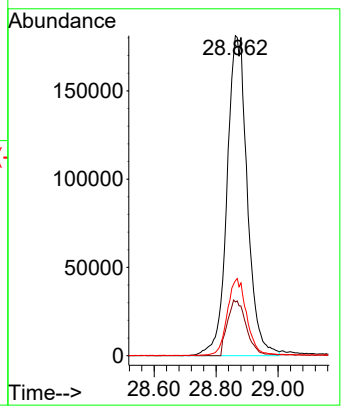


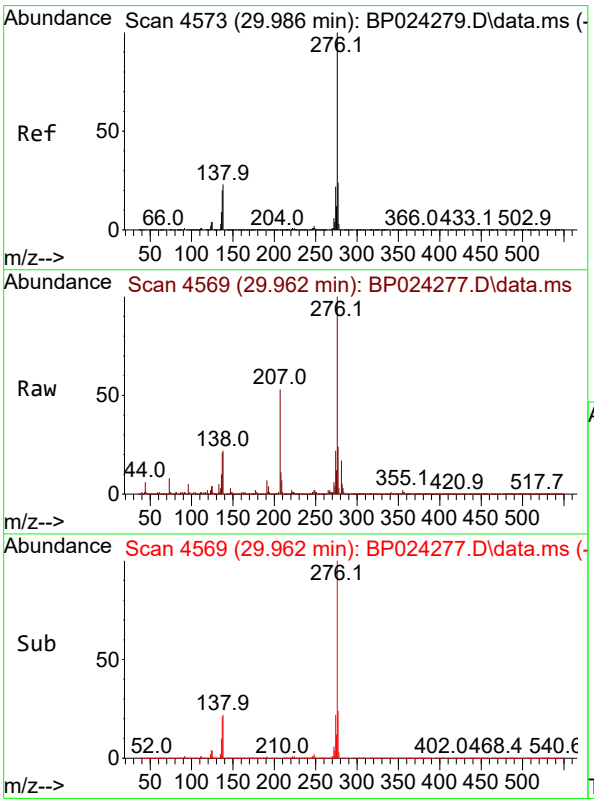
#91
Dibenzo(a,h)anthracene
Concen: 9.517 ng
RT: 28.862 min Scan# 4
Delta R.T. -0.041 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 821160

Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.6	19.0
279	23.4	18.5	27.7

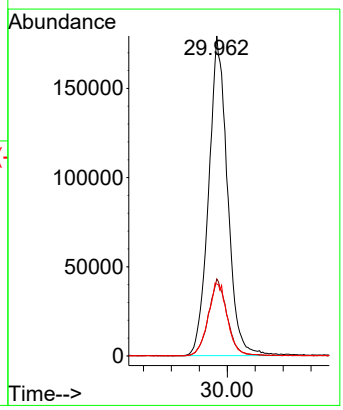




#92
Benzo(g,h,i)perylene
Concen: 9.530 ng
RT: 29.962 min Scan# 4569
Delta R.T. -0.024 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:276 Resp: 836993

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	22.5	18.7	28.1



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Data File : BP024278.D
Acq On : 14 Apr 2025 13:08
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Apr 14 17:26:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	251998	20.000	ng	0.00
21) Naphthalene-d8	10.505	136	1081087	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	688775	20.000	ng	0.00
64) Phenanthrene-d10	17.169	188	1378480	20.000	ng	0.00
76) Chrysene-d12	21.616	240	1415765	20.000	ng	0.00
86) Perylene-d12	24.986	264	1549781	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	636245	41.668	ng	0.00
7) Phenol-d6	6.911	99	866004	41.458	ng	0.00
23) Nitrobenzene-d5	8.875	82	794485	41.839	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	383088	40.617	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	1871534	41.254	ng	0.00
79) Terphenyl-d14	19.898	244	2987245	42.062	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	139222	21.358	ng	99
3) Pyridine	3.693	79	358370	21.120	ng	99
4) n-Nitrosodimethylamine	3.599	42	118077	20.869	ng	98
6) Aniline	7.069	93	412168	21.857	ng	99
8) 2-Chlorophenol	7.305	128	355815	20.852	ng	99
9) Benzaldehyde	6.881	77	237371	21.940	ng	100
10) Phenol	6.940	94	433531	20.670	ng	98
11) bis(2-Chloroethyl)ether	7.164	93	352530	20.800	ng	100
12) 1,3-Dichlorobenzene	7.622	146	386470	20.903	ng	100
13) 1,4-Dichlorobenzene	7.763	146	390483	20.828	ng	100
14) 1,2-Dichlorobenzene	8.081	146	378518	20.880	ng	99
15) Benzyl Alcohol	7.969	79	278608	20.809	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.258	45	382308	20.734	ng	99
17) 2-Methylphenol	8.175	107	283057	20.942	ng	99
18) Hexachloroethane	8.805	117	140558	20.773	ng	99
19) n-Nitroso-di-n-propyla...	8.528	70	274118	21.127	ng	100
20) 3+4-Methylphenols	8.499	107	393131	20.999	ng	99
22) Acetophenone	8.546	105	563994	20.991	ng	99
24) Nitrobenzene	8.916	77	390911	20.770	ng	98
25) Isophorone	9.446	82	705771	20.588	ng	98
26) 2-Nitrophenol	9.628	139	185740	20.553	ng	99
27) 2,4-Dimethylphenol	9.687	122	236436	20.643	ng	98
28) bis(2-Chloroethoxy)met...	9.916	93	480036	20.575	ng	100
29) 2,4-Dichlorophenol	10.163	162	320579	20.536	ng	99
30) 1,2,4-Trichlorobenzene	10.369	180	343641	20.348	ng	99
31) Naphthalene	10.557	128	1179848	20.618	ng	100
32) Benzoic acid	9.805	122	244213m	19.731	ng	
33) 4-Chloroaniline	10.669	127	420086	21.010	ng	100
34) Hexachlorobutadiene	10.846	225	200785	20.267	ng	99
35) Caprolactam	11.446	113	119912	20.922	ng	98
36) 4-Chloro-3-methylphenol	11.799	107	377768	20.767	ng	99
37) 2-Methylnaphthalene	12.169	142	816314	20.583	ng	100
38) 1-Methylnaphthalene	12.387	142	796550	20.503	ng	100
40) 1,2,4,5-Tetrachloroben...	12.540	216	391241	20.669	ng	100
41) Hexachlorocyclopentadiene	12.522	237	135654	20.414	ng	97
43) 2,4,6-Trichlorophenol	12.787	196	254189	20.410	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024278.D
Acq On : 14 Apr 2025 13:08
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Apr 14 17:26:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

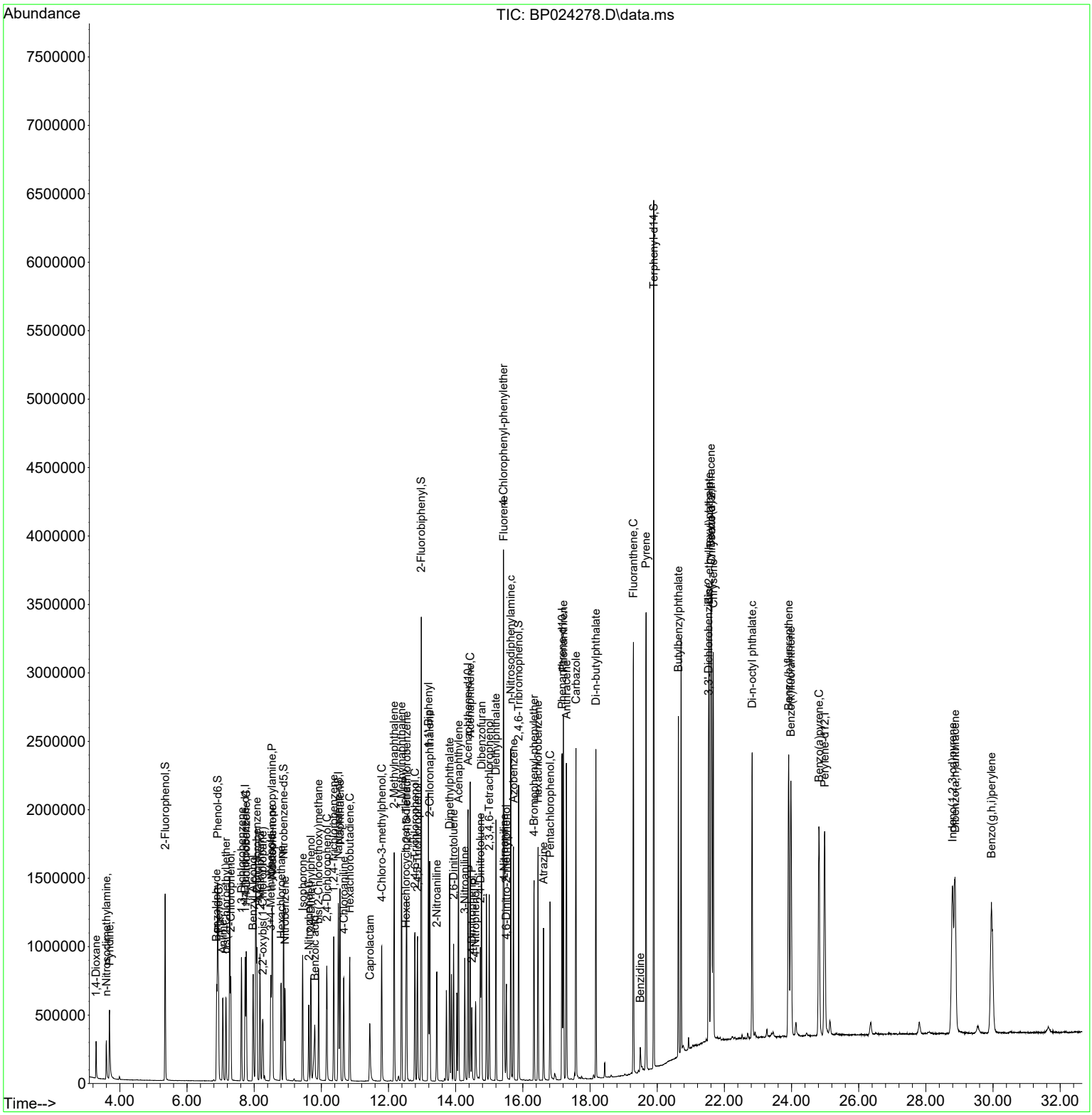
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	281887	20.424	ng	99
46) 1,1'-Biphenyl	13.187	154	1052618	20.694	ng	100
47) 2-Chloronaphthalene	13.228	162	782040	20.603	ng	99
48) 2-Nitroaniline	13.440	65	218194	20.811	ng	99
49) Acenaphthylene	14.087	152	1234728	20.726	ng	99
50) Dimethylphthalate	13.822	163	1029599	20.489	ng	100
51) 2,6-Dinitrotoluene	13.940	165	219492	20.731	ng	98
52) Acenaphthene	14.434	154	785789	20.741	ng	99
53) 3-Nitroaniline	14.269	138	233006	21.212	ng	99
54) 2,4-Dinitrophenol	14.481	184	112157	19.785	ng	94
55) Dibenzofuran	14.769	168	1288363	20.735	ng	99
56) 4-Nitrophenol	14.593	139	199315	21.109	ng	99
57) 2,4-Dinitrotoluene	14.734	165	302332	21.126	ng	98
58) Fluorene	15.428	166	1001515	20.876	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.998	232	262077	20.523	ng	99
60) Diethylphthalate	15.198	149	1052183	20.344	ng	100
61) 4-Chlorophenyl-phenyle...	15.422	204	481631	20.675	ng	98
62) 4-Nitroaniline	15.445	138	243257	20.888	ng	96
63) Azobenzene	15.722	77	995912	20.907	ng	100
65) 4,6-Dinitro-2-methylph...	15.510	198	162501	20.176	ng	98
66) n-Nitrosodiphenylamine	15.640	169	849476	20.552	ng	100
67) 4-Bromophenyl-phenylether	16.334	248	302601	20.125	ng	99
68) Hexachlorobenzene	16.451	284	358889	20.077	ng	100
69) Atrazine	16.616	200	184151	17.573	ng	98
70) Pentachlorophenol	16.810	266	241815	19.702	ng	98
71) Phenanthrene	17.210	178	1540112	20.378	ng	100
72) Anthracene	17.298	178	1494006	20.543	ng	99
73) Carbazole	17.581	167	1461729	20.653	ng	100
74) Di-n-butylphthalate	18.175	149	1727074	19.585	ng	100
75) Fluoranthene	19.292	202	1813662	20.218	ng	99
77) Benzidine	19.498	184	154964	8.867	ng	99
78) Pyrene	19.669	202	1904884	21.028	ng	99
80) Butylbenzylphthalate	20.633	149	772776	20.235	ng	96
81) Benzo(a)anthracene	21.598	228	1829798	20.732	ng	99
82) 3,3'-Dichlorobenzidine	21.527	252	610749	19.956	ng	99
83) Chrysene	21.669	228	1739548	20.565	ng	99
84) Bis(2-ethylhexyl)phtha...	21.545	149	1103263	19.616	ng	99
85) Di-n-octyl phthalate	22.827	149	1730436	19.207	ng	100
87) Indeno(1,2,3-cd)pyrene	28.792	276	2180177	20.454	ng	99
88) Benzo(b)fluoranthene	23.916	252	1885654	20.337	ng	99
89) Benzo(k)fluoranthene	23.980	252	1885747	20.955	ng	99
90) Benzo(a)pyrene	24.816	252	1637648	20.518	ng	98
91) Dibenzo(a,h)anthracene	28.868	278	1815743	20.480	ng	98
92) Benzo(g,h,i)perylene	29.951	276	1856380	20.571	ng	99

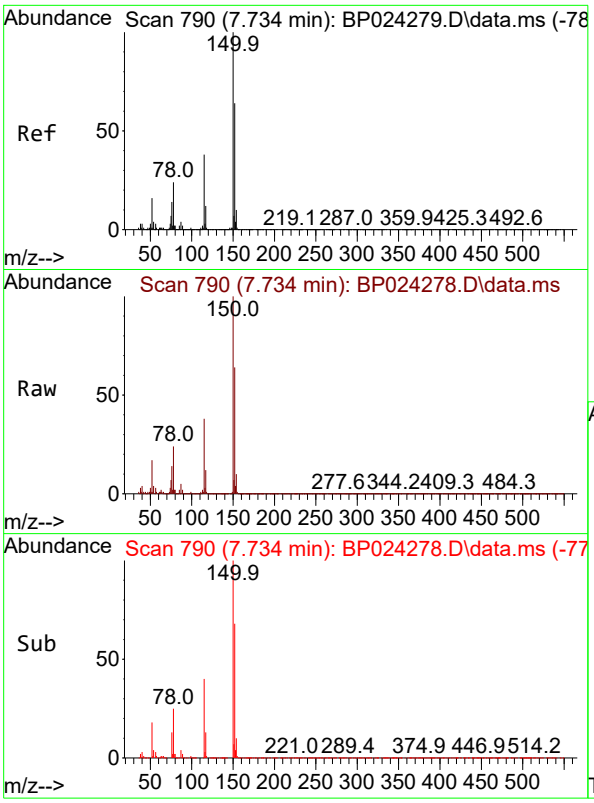
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024278.D
Acq On : 14 Apr 2025 13:08
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Apr 14 17:26:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration



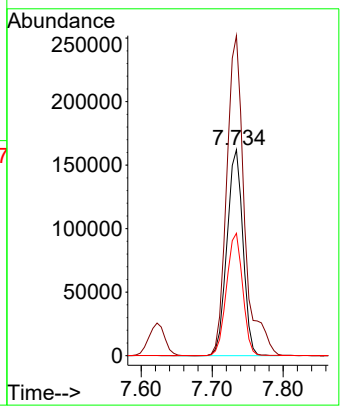


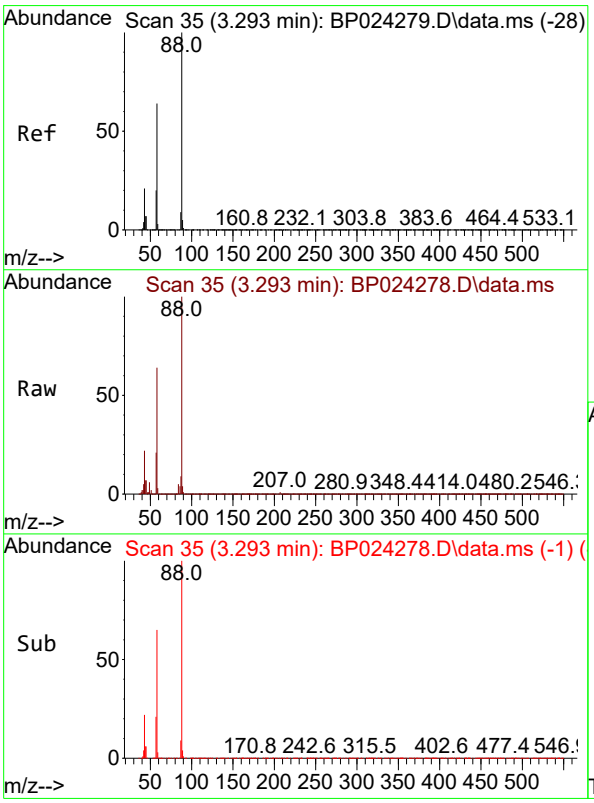
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 251998

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.9	187.3
115	59.4	47.7	71.5

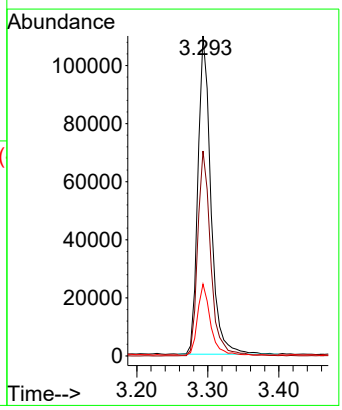


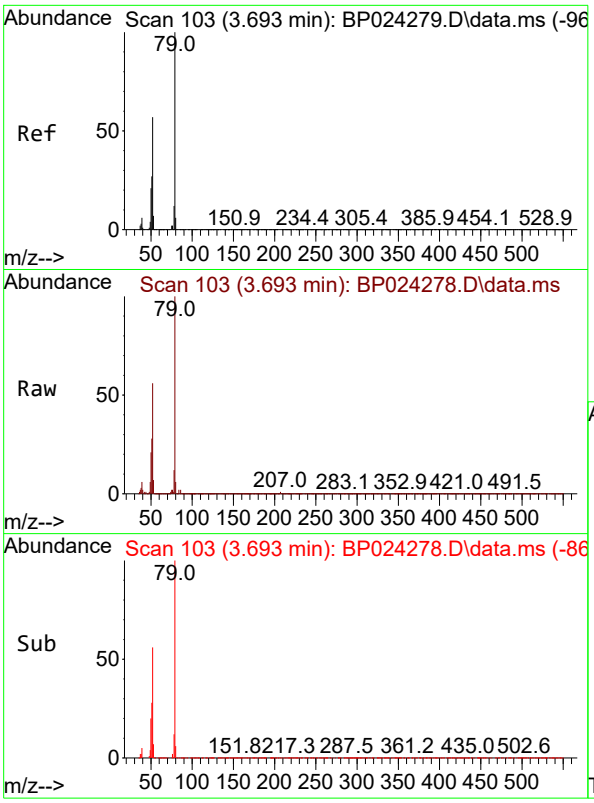


#2
1,4-Dioxane
Concen: 21.358 ng
RT: 3.293 min Scan# 35
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion: 88 Resp: 139222

Ion	Ratio	Lower	Upper
88	100		
58	64.8	51.4	77.2
43	22.2	17.1	25.7



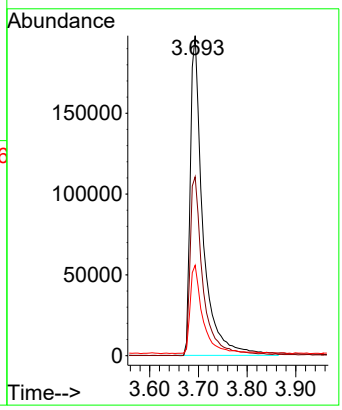


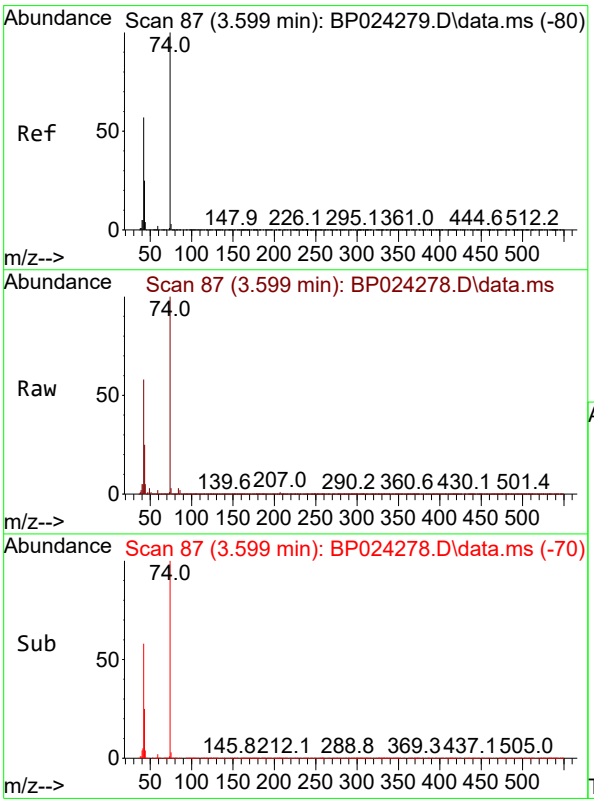
#3
Pyridine
Concen: 21.120 ng
RT: 3.693 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 358370

Ion	Ratio	Lower	Upper
79	100		
52	55.9	45.4	68.2
51	28.3	22.6	33.8

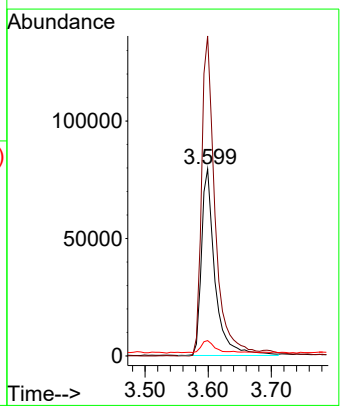


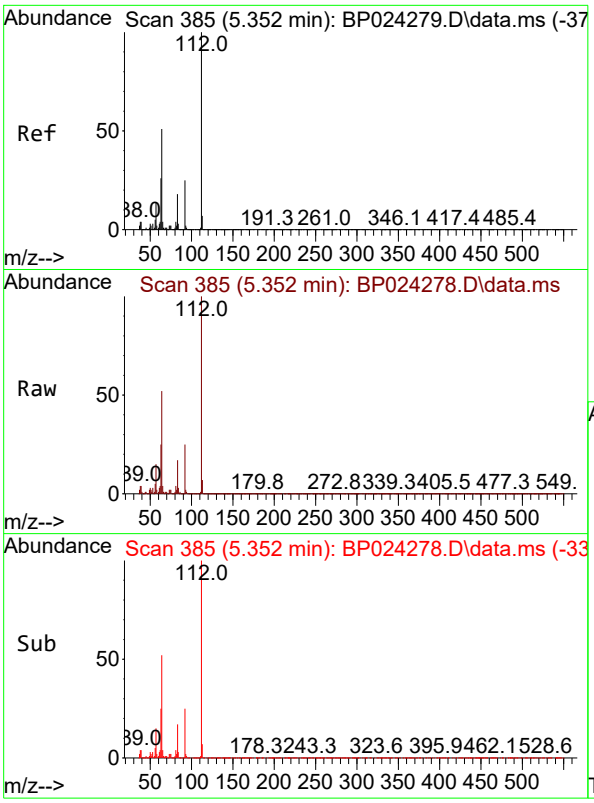


#4
n-Nitrosodimethylamine
Concen: 20.869 ng
RT: 3.599 min Scan# 87
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion: 42 Resp: 118077

Ion	Ratio	Lower	Upper
42	100		
74	171.1	139.5	209.3
44	8.3	5.8	8.8



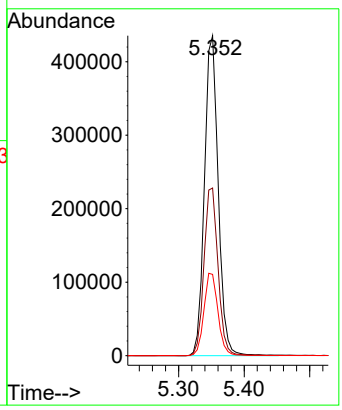


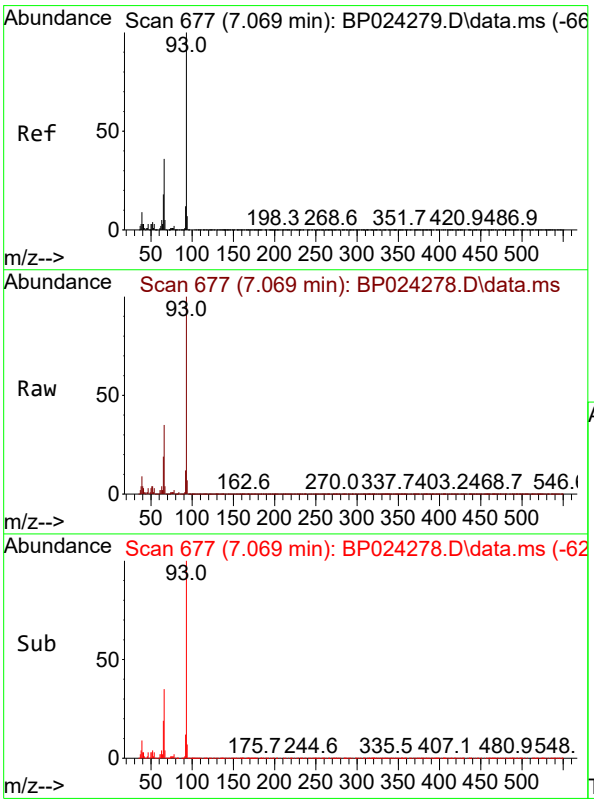
#5
2-Fluorophenol
Concen: 41.668 ng
RT: 5.352 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 636245

Ion	Ratio	Lower	Upper
112	100		
64	52.4	41.1	61.7
63	25.4	20.6	30.8

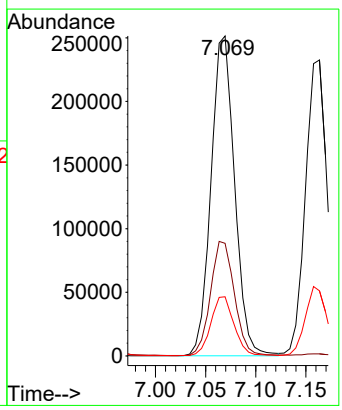


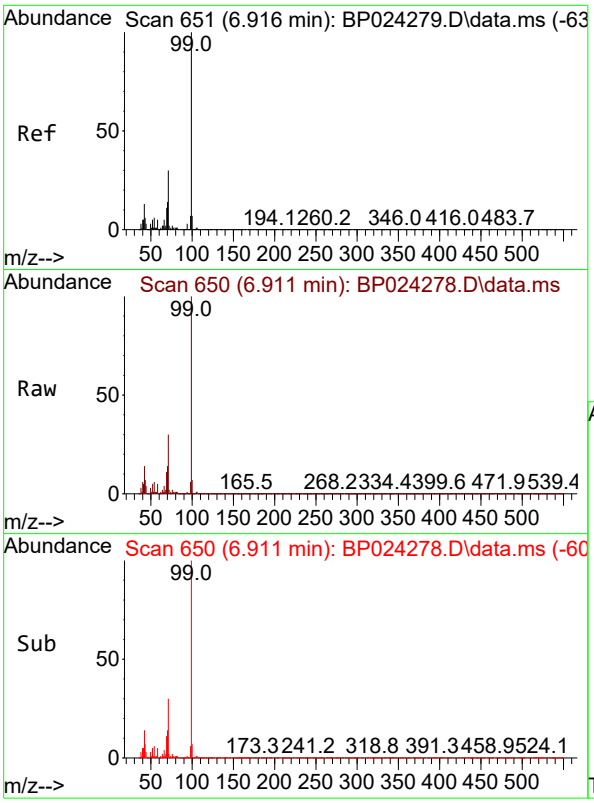


#6
Aniline
Concen: 21.857 ng
RT: 7.069 min Scan# 677
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion: 93 Resp: 412168

Ion	Ratio	Lower	Upper
93	100		
66	35.2	29.1	43.7
65	18.5	14.7	22.1



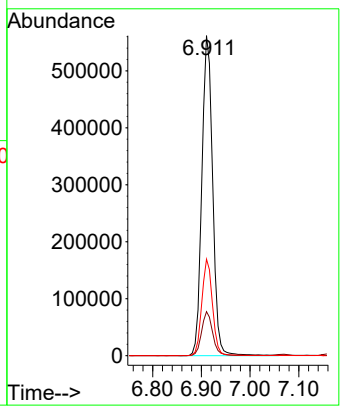


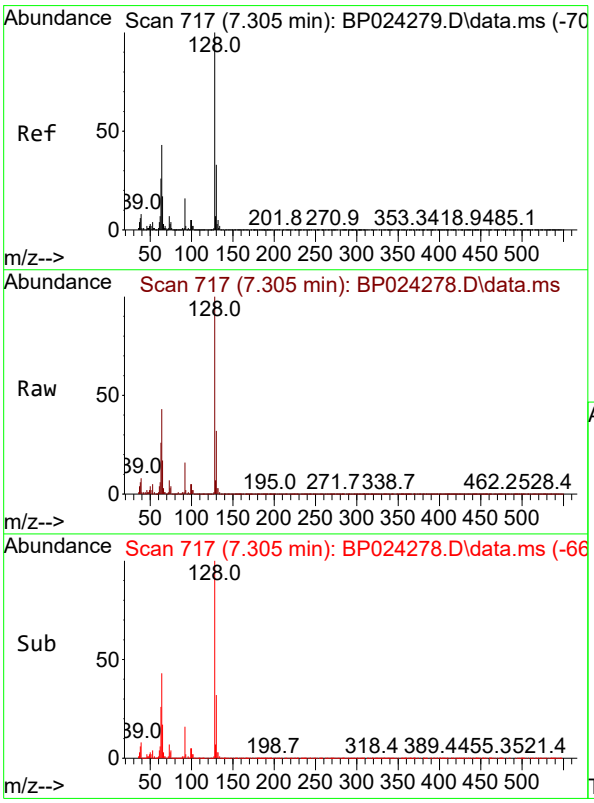
#7
Phenol-d6
Concen: 41.458 ng
RT: 6.911 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 866004

Ion	Ratio	Lower	Upper
99	100		
42	13.7	10.6	16.0
71	30.2	23.7	35.5

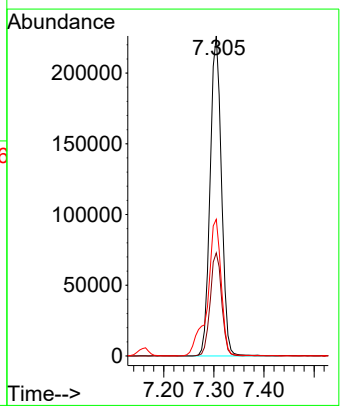


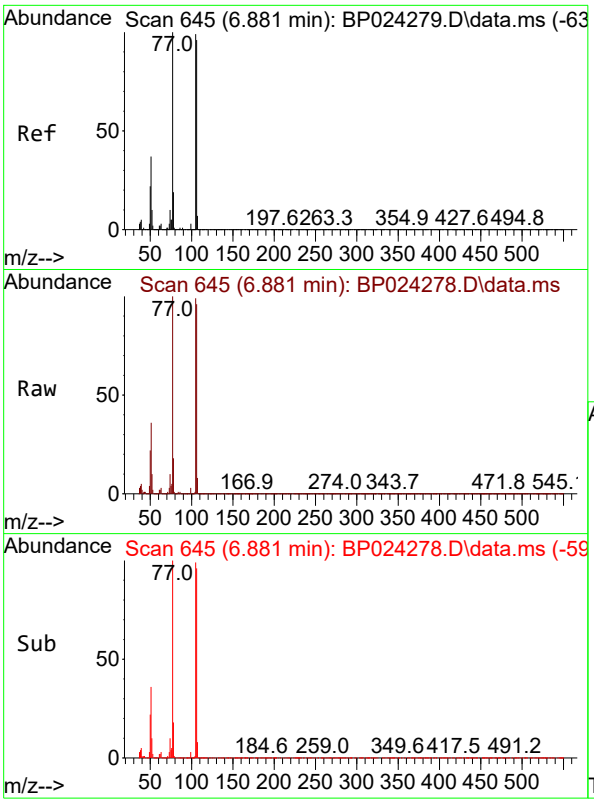


#8
2-Chlorophenol
Concen: 20.852 ng
RT: 7.305 min Scan# 717
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:128 Resp: 355815

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	42.7	22.7	62.7



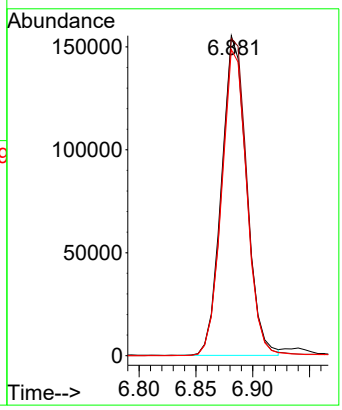


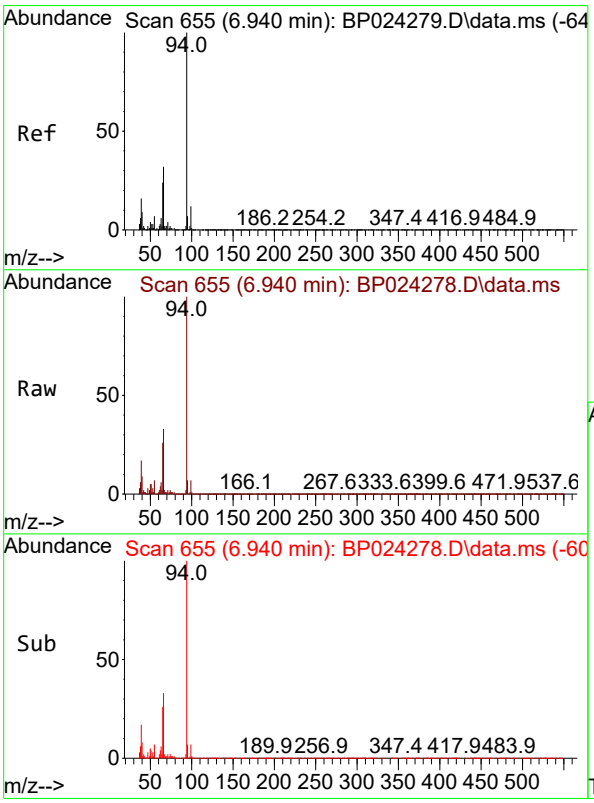
#9
Benzaldehyde
Concen: 21.940 ng
RT: 6.881 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 237371

Ion	Ratio	Lower	Upper
77	100		
105	99.1	79.2	119.2
106	95.6	76.2	116.2

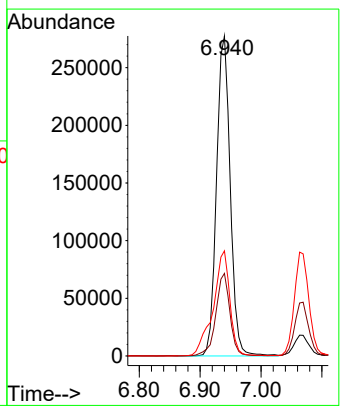


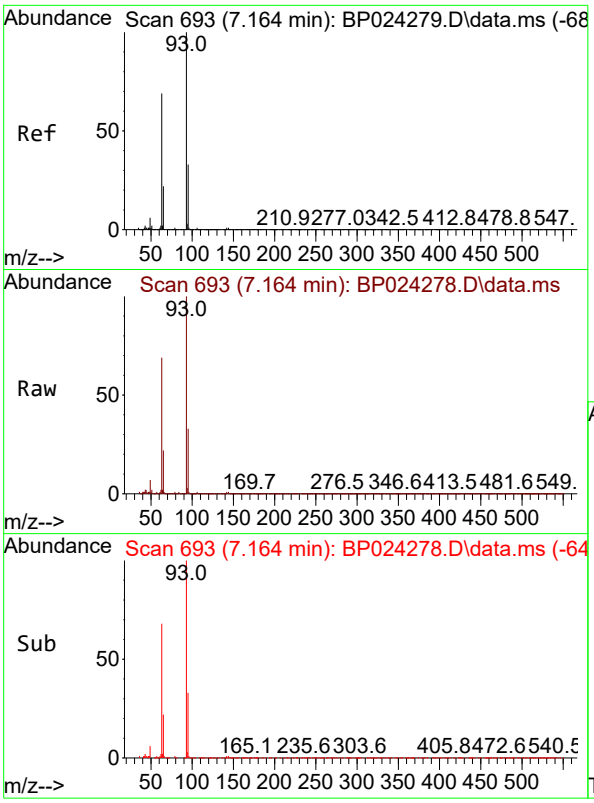


#10
Phenol
Concen: 20.670 ng
RT: 6.940 min Scan# 655
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion: 94 Resp: 433531

Ion	Ratio	Lower	Upper
94	100		
65	25.8	4.5	44.5
66	32.8	12.4	52.4



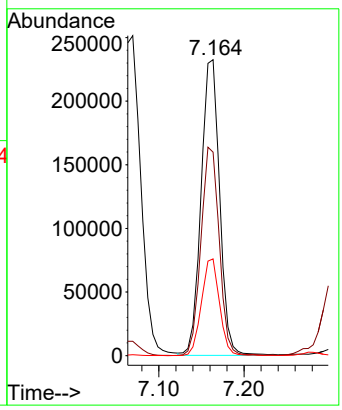


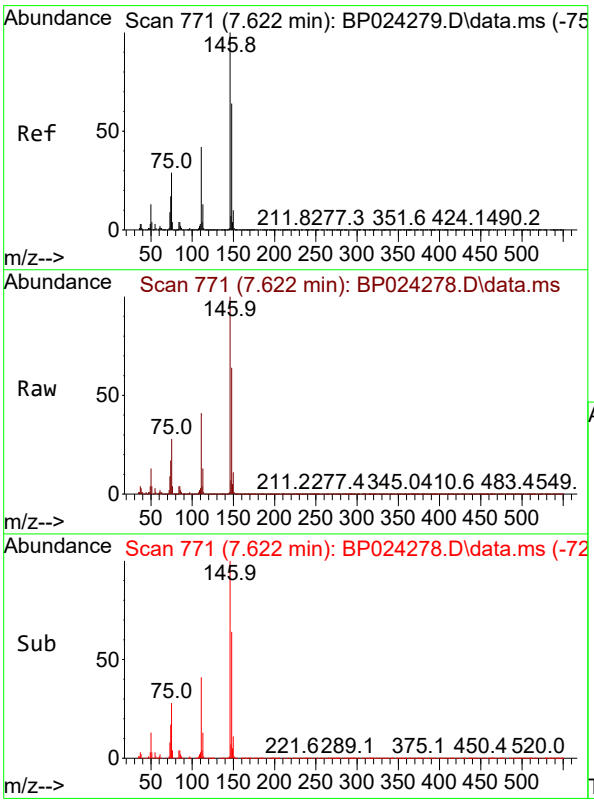
#11
bis(2-Chloroethyl)ether
Concen: 20.800 ng
RT: 7.164 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 352530

Ion	Ratio	Lower	Upper
93	100		
63	68.7	48.6	88.6
95	32.7	12.3	52.3

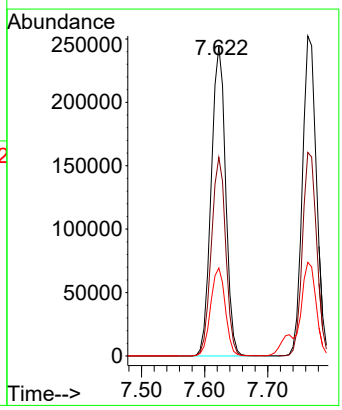


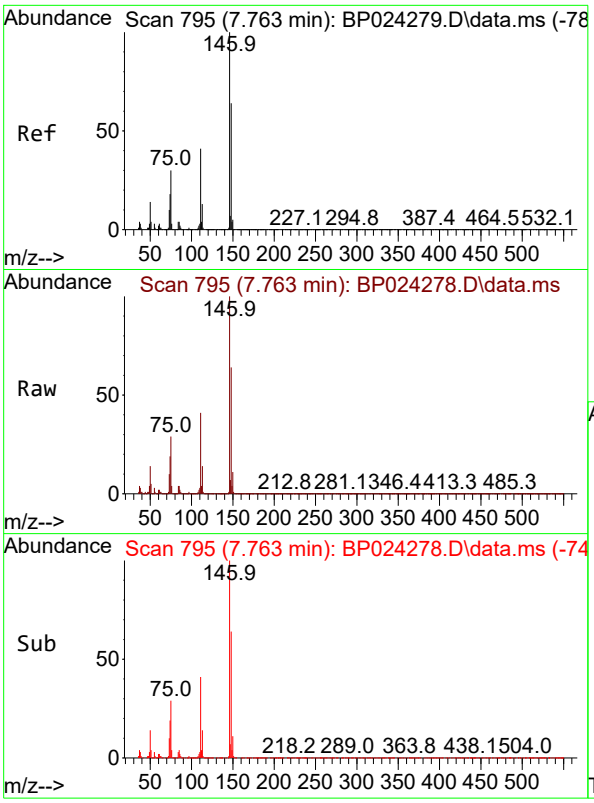


#12
1,3-Dichlorobenzene
Concen: 20.903 ng
RT: 7.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:146 Resp: 386470

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.0
75	28.4	22.9	34.3



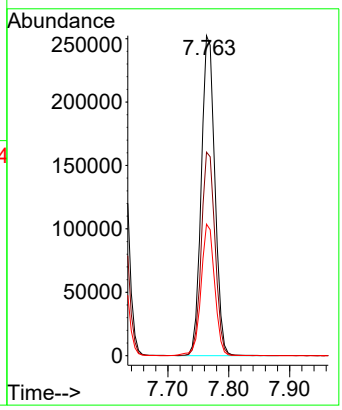


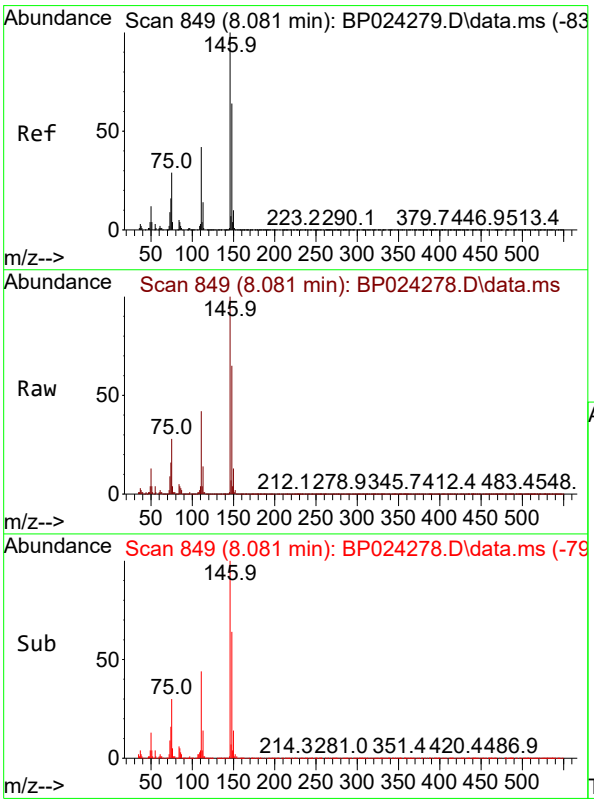
#13
1,4-Dichlorobenzene
Concen: 20.828 ng
RT: 7.763 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 390483

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
111	41.1	32.6	48.8

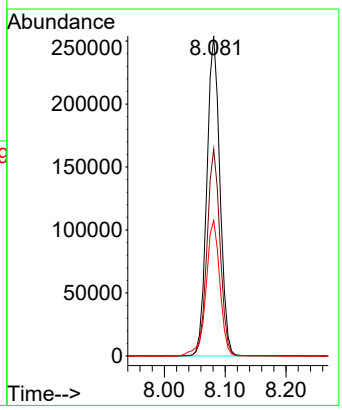


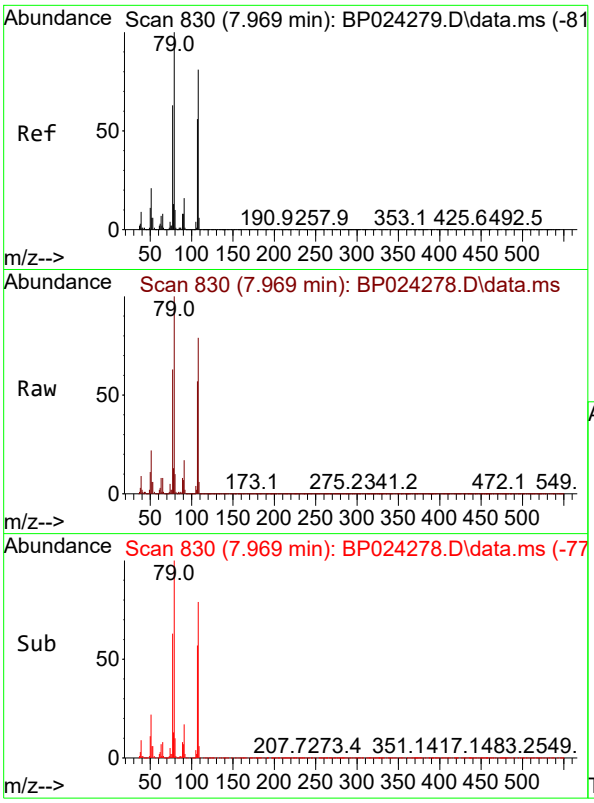


#14
1,2-Dichlorobenzene
Concen: 20.880 ng
RT: 8.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:146 Resp: 378518

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.4
111	42.3	33.8	50.8



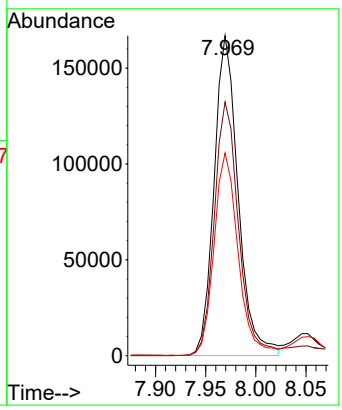


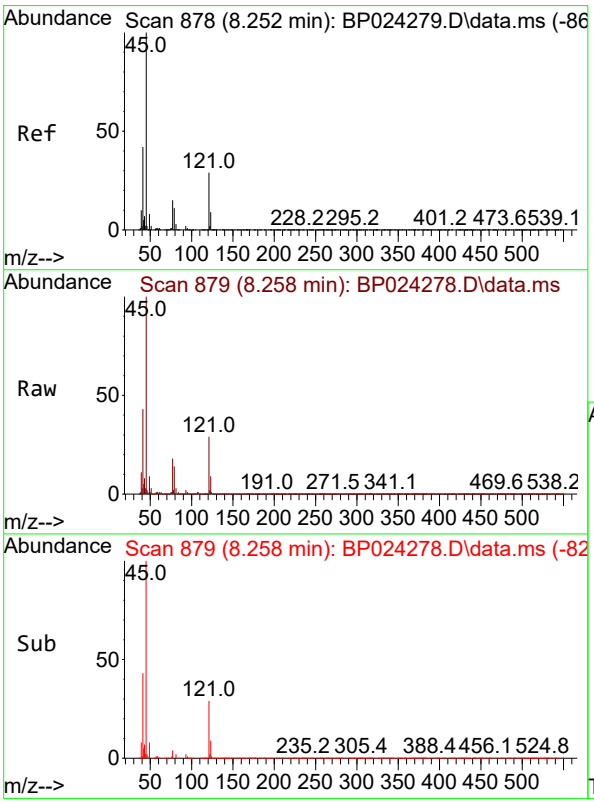
#15
Benzyl Alcohol
Concen: 20.809 ng
RT: 7.969 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 278608

Ion	Ratio	Lower	Upper
79	100		
108	79.3	65.1	97.7
77	63.4	50.7	76.1

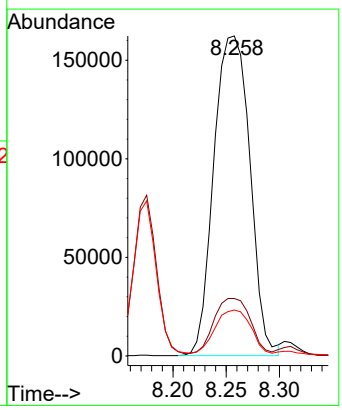


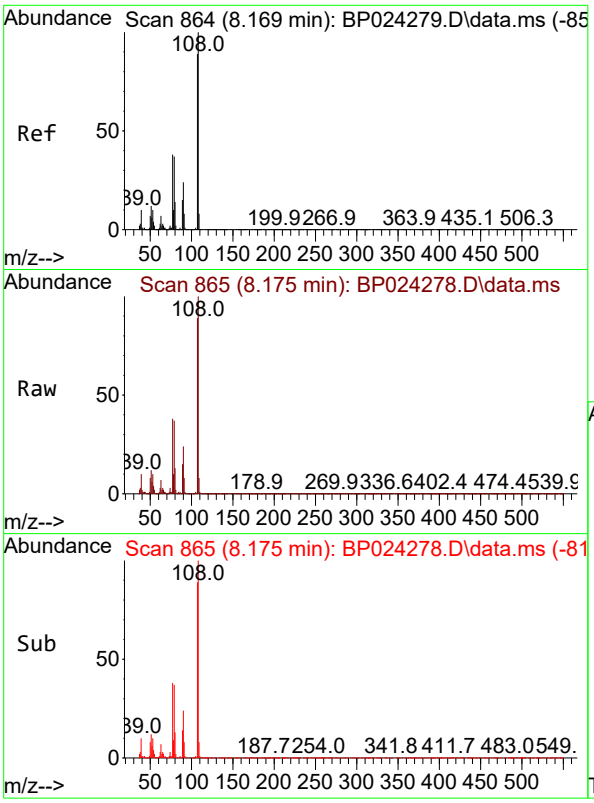


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.734 ng
RT: 8.258 min Scan# 879
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion: 45 Resp: 382308

Ion	Ratio	Lower	Upper
45	100		
77	18.0	0.0	37.7
79	14.4	0.0	33.5



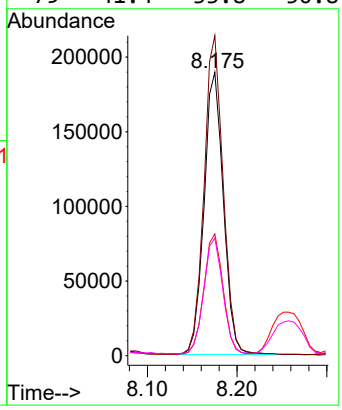


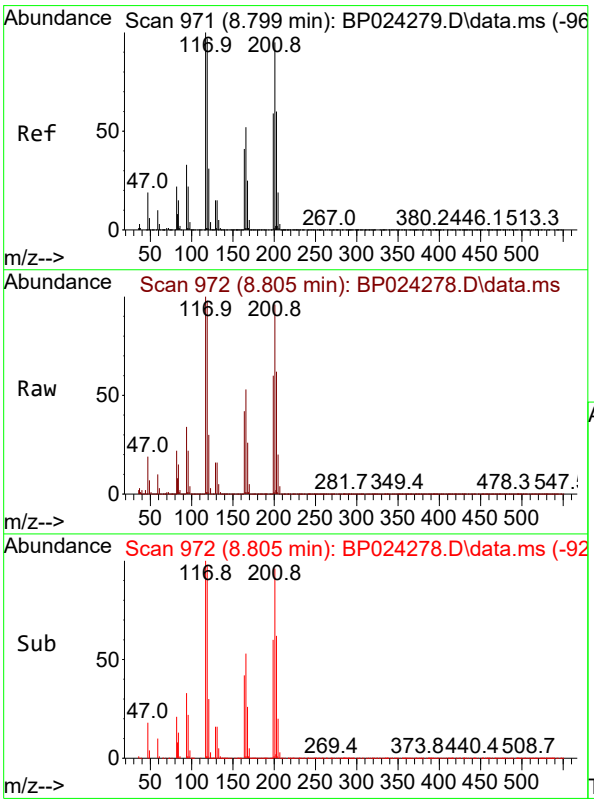
#17
2-Methylphenol
Concen: 20.942 ng
RT: 8.175 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 283057

Ion	Ratio	Lower	Upper
107	100		
108	112.9	89.8	134.6
77	43.0	34.2	51.4
79	41.4	33.8	50.8

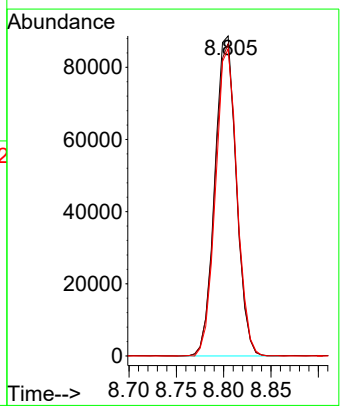


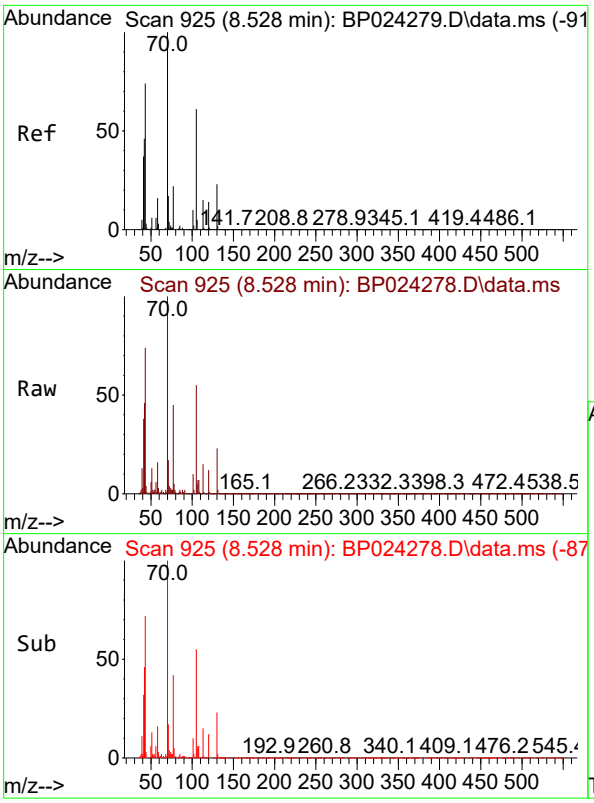


#18
Hexachloroethane
Concen: 20.773 ng
RT: 8.805 min Scan# 972
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:117 Resp: 140558

Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.8	116.6
201	96.0	75.9	113.9



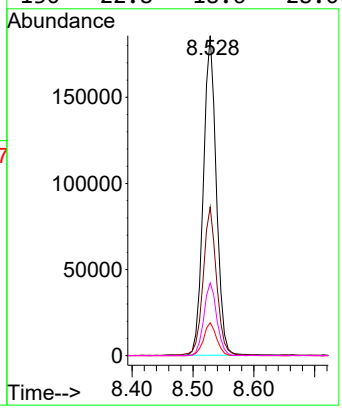


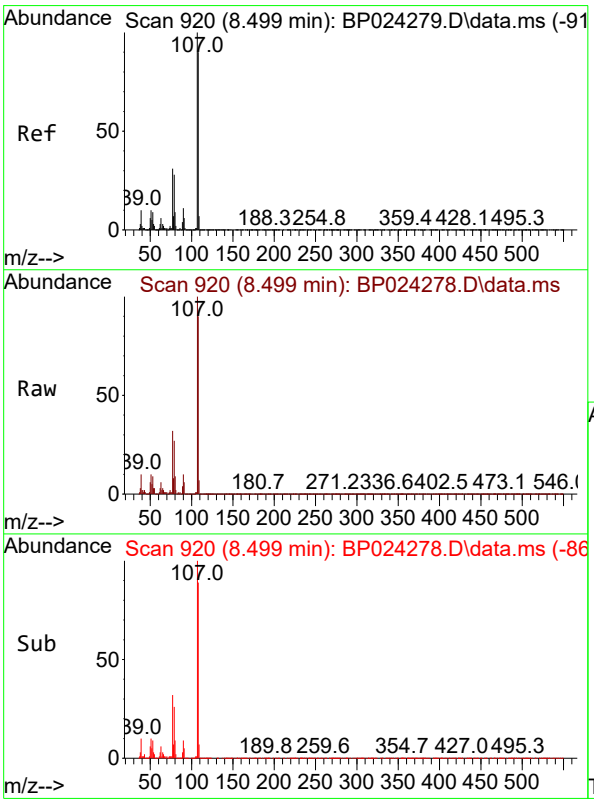
#19
n-Nitroso-di-n-propylamine
Concen: 21.127 ng
RT: 8.528 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 274118

Ion	Ratio	Lower	Upper
70	100		
42	46.5	37.3	55.9
101	10.3	8.2	12.4
130	22.8	18.6	28.0

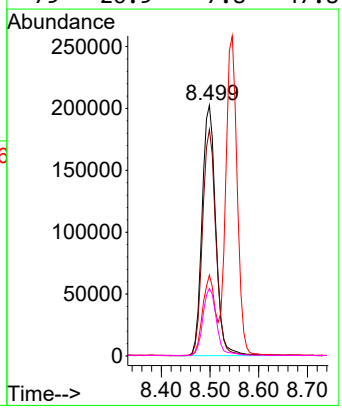


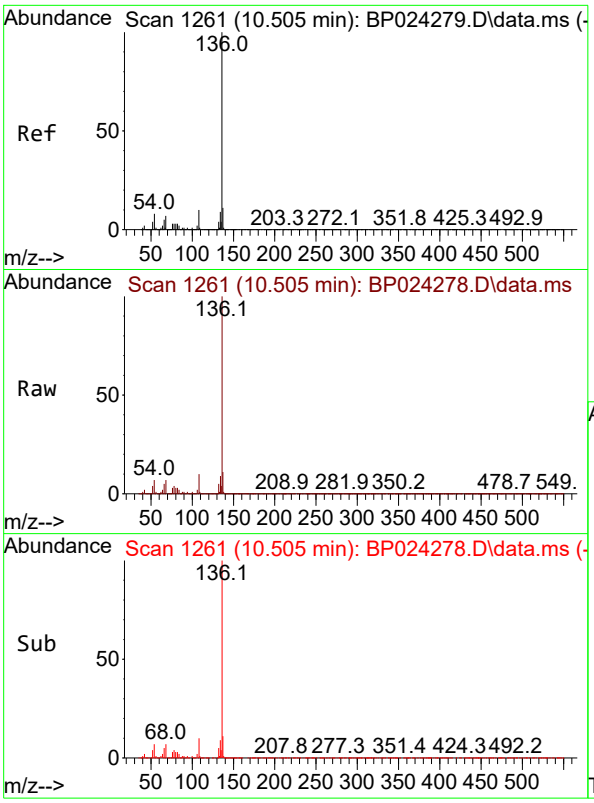


#20
3+4-Methylphenols
Concen: 20.999 ng
RT: 8.499 min Scan# 920
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:107 Resp: 393131

Ion	Ratio	Lower	Upper
107	100		
108	90.3	69.8	109.8
77	32.3	11.5	51.5
79	26.9	7.8	47.8



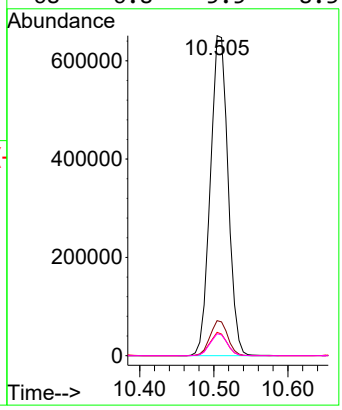


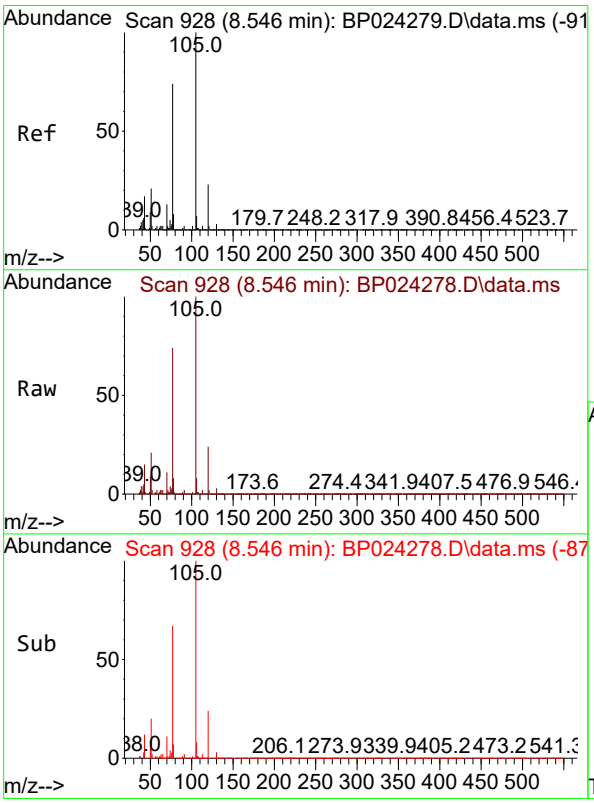
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 1081087

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.3	6.0	9.0
68	6.8	5.5	8.3

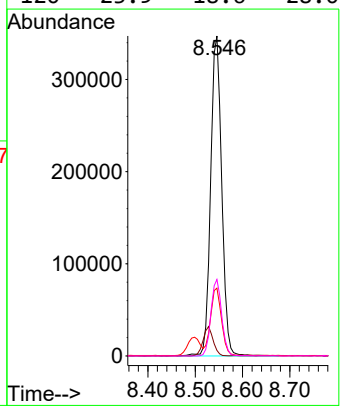


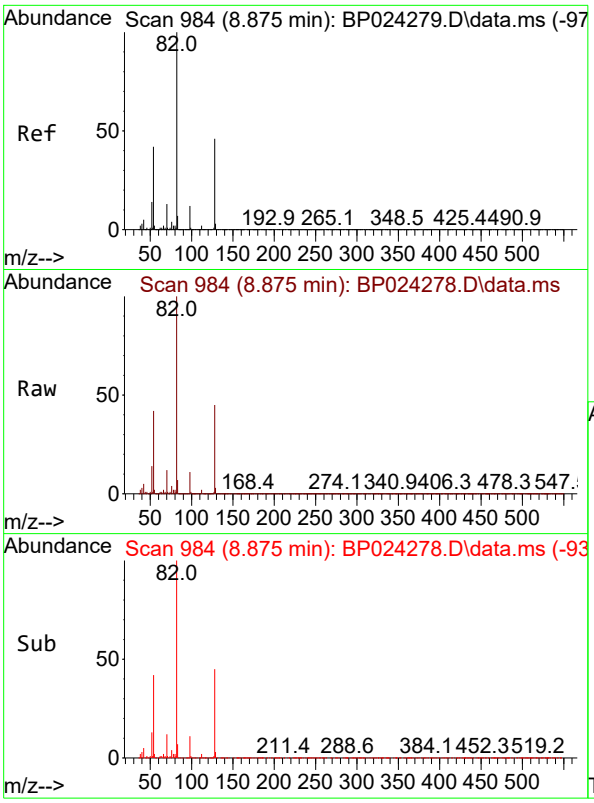


#22
Acetophenone
Concen: 20.991 ng
RT: 8.546 min Scan# 928
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:105 Resp: 563994

Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.7	2.5
51	21.2	16.9	25.3
120	23.9	18.6	28.0



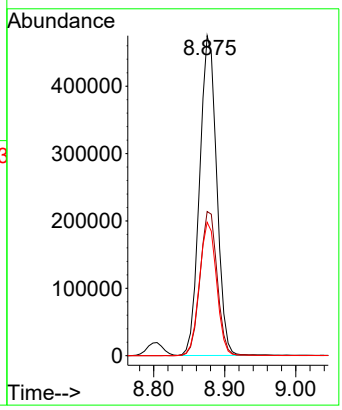


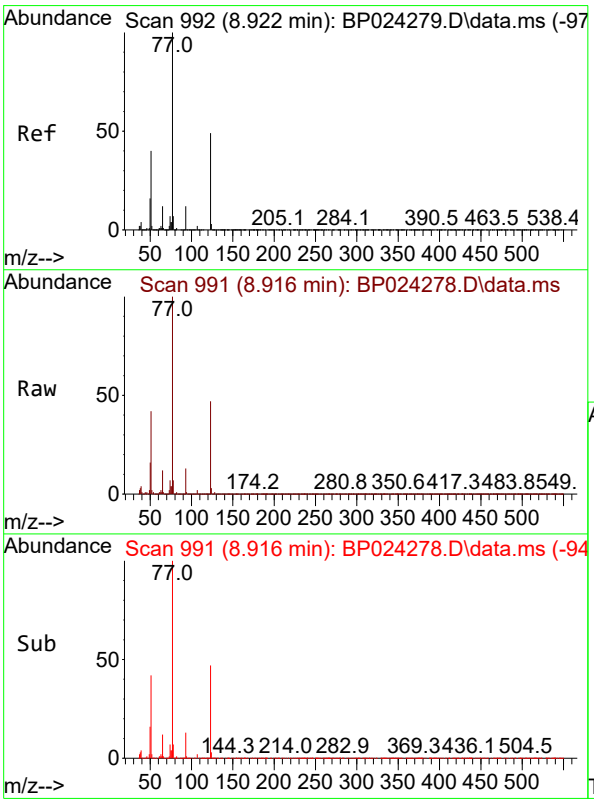
#23
Nitrobenzene-d5
Concen: 41.839 ng
RT: 8.875 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 794485

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.5	54.7
54	41.7	33.4	50.2

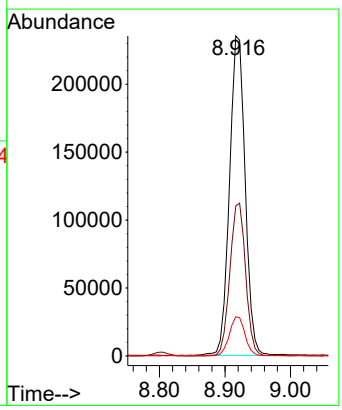


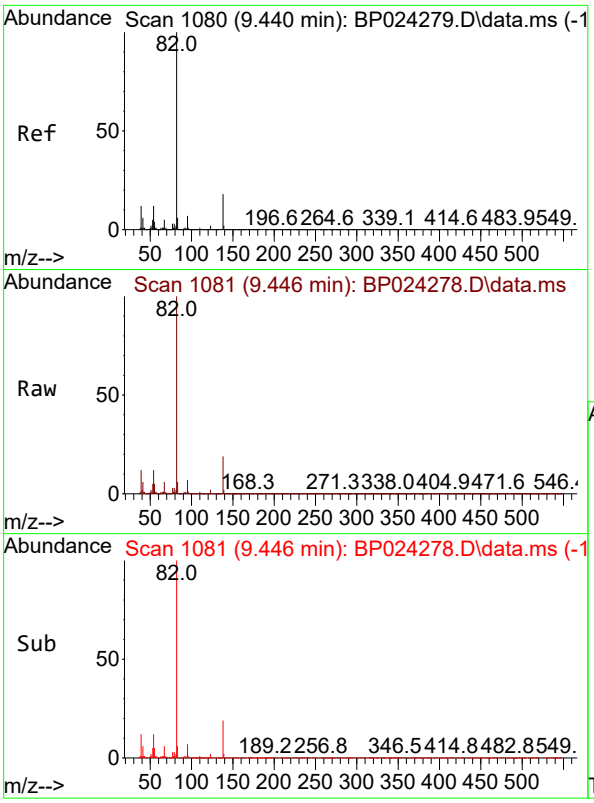


#24
Nitrobenzene
Concen: 20.770 ng
RT: 8.916 min Scan# 991
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion: 77 Resp: 390911

Ion	Ratio	Lower	Upper
77	100		
123	46.9	39.2	58.8
65	12.3	9.8	14.6



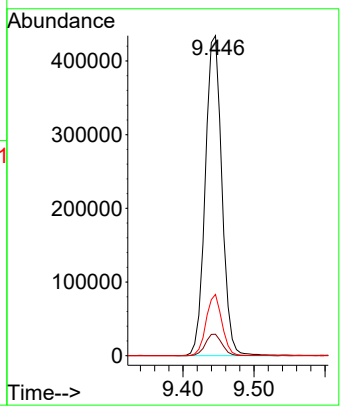


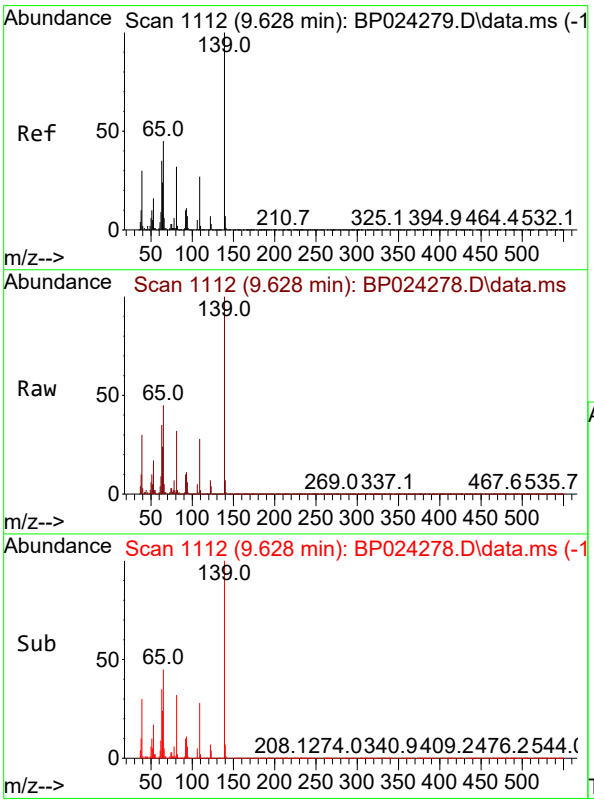
#25
Isophorone
Concen: 20.588 ng
RT: 9.446 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 705771

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.4	8.2
138	19.2	14.4	21.6

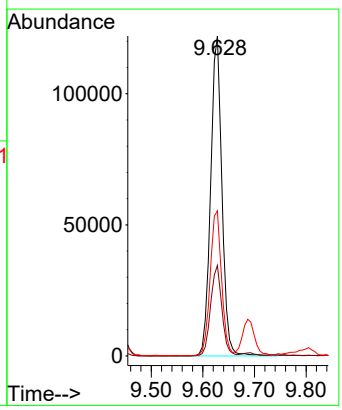


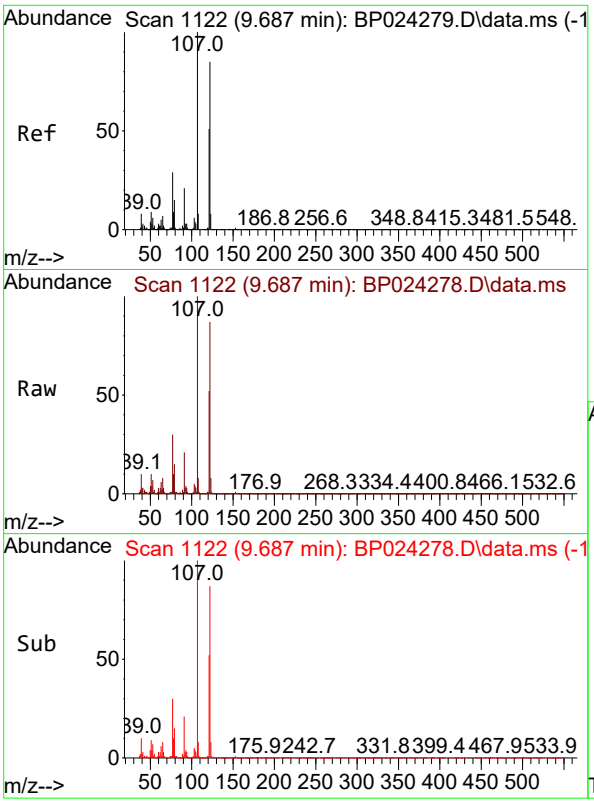


#26
2-Nitrophenol
Concen: 20.553 ng
RT: 9.628 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:139 Resp: 185740

Ion	Ratio	Lower	Upper
139	100		
109	28.3	21.8	32.6
65	45.4	36.2	54.2



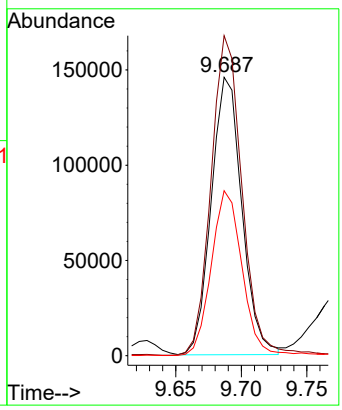


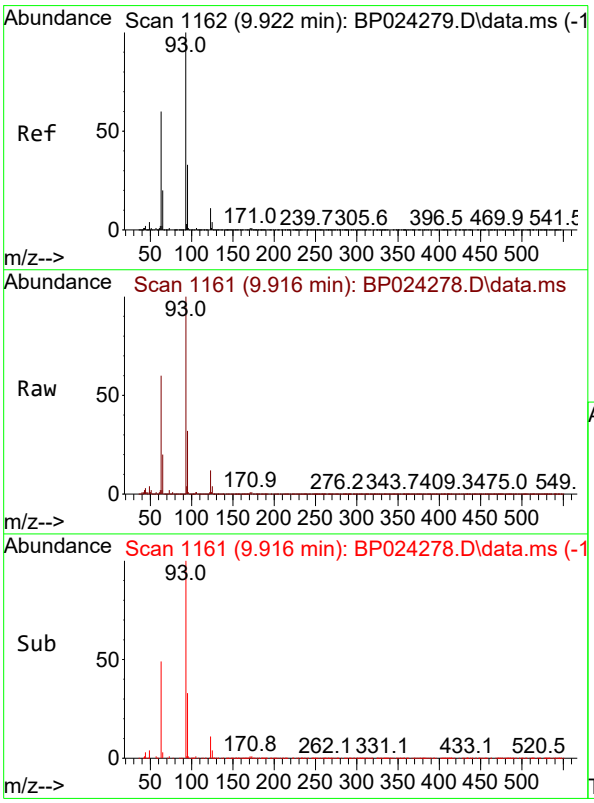
#27
2,4-Dimethylphenol
Concen: 20.643 ng
RT: 9.687 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 236436

Ion	Ratio	Lower	Upper
122	100		
107	114.9	93.7	140.5
121	59.2	48.2	72.2

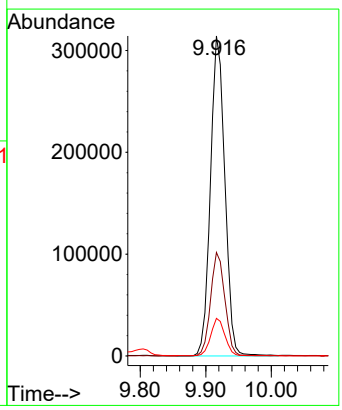


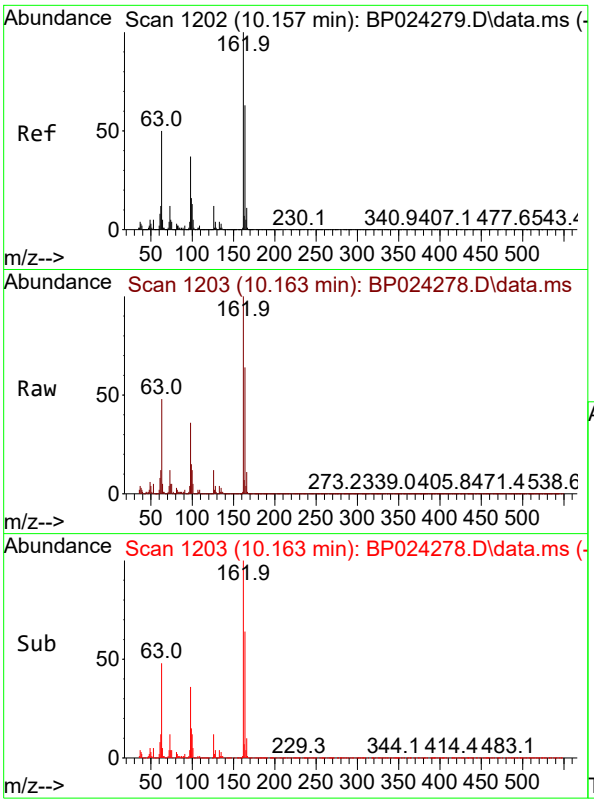


#28
bis(2-Chloroethoxy)methane
Concen: 20.575 ng
RT: 9.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion: 93 Resp: 480036

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.0	39.0
123	11.8	9.1	13.7



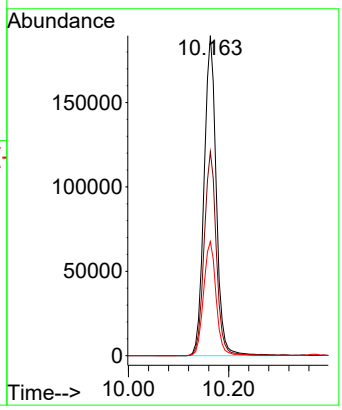


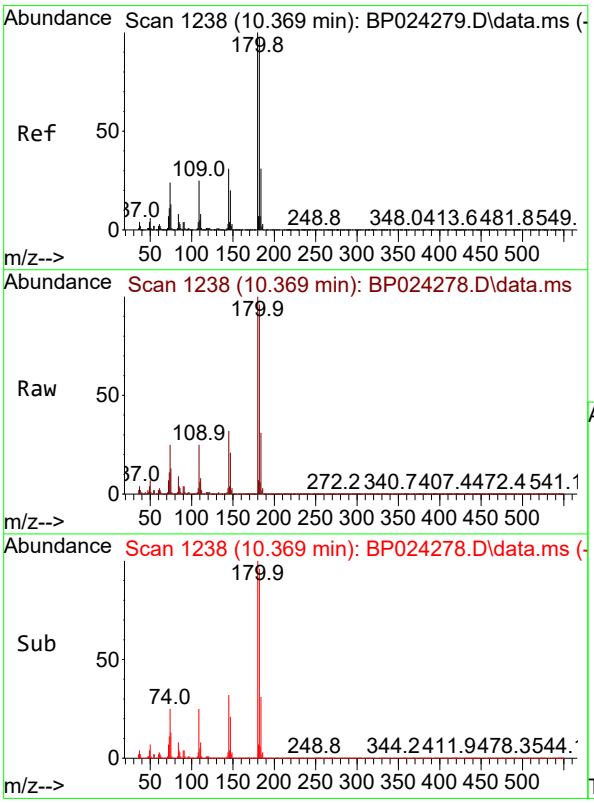
#29
2,4-Dichlorophenol
Concen: 20.536 ng
RT: 10.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 320579

Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.3	83.3
98	35.6	16.6	56.6

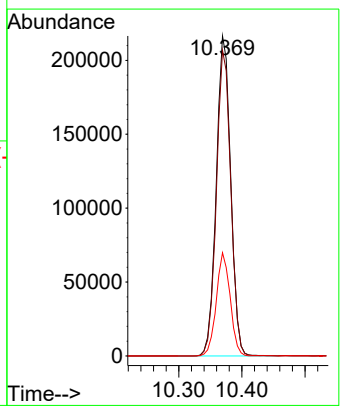


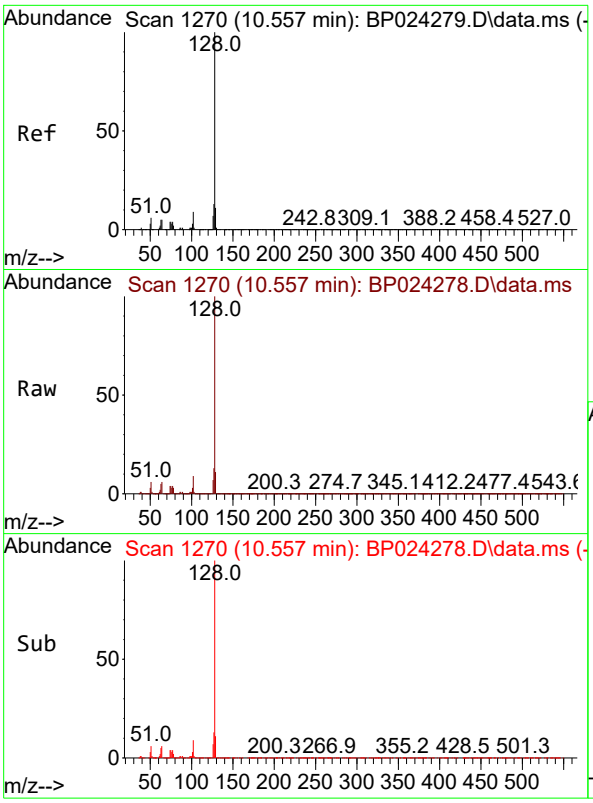


#30
1,2,4-Trichlorobenzene
Concen: 20.348 ng
RT: 10.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:180 Resp: 343641

Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.3	115.9
145	32.3	25.1	37.7



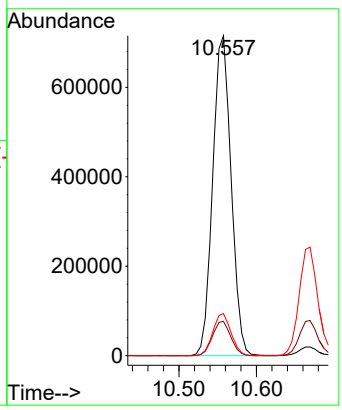


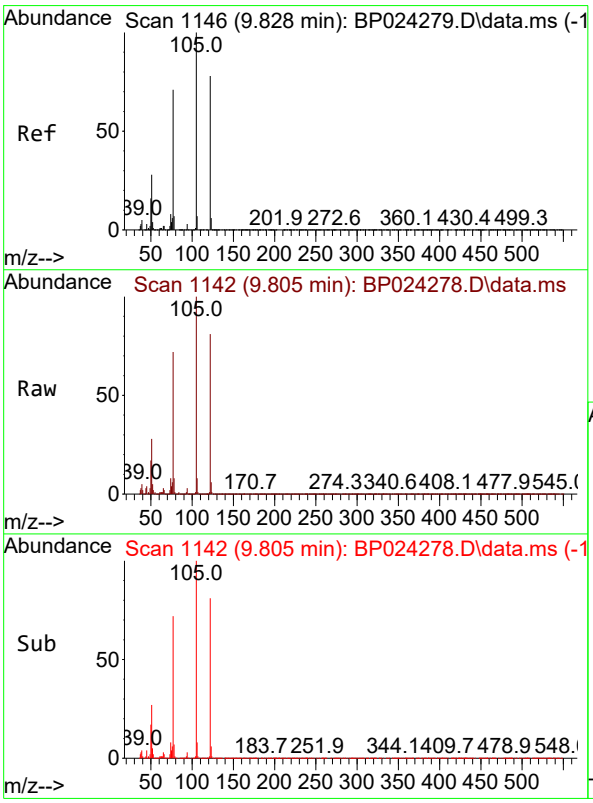
#31
Naphthalene
Concen: 20.618 ng
RT: 10.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 1179848

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.2	10.3	15.5

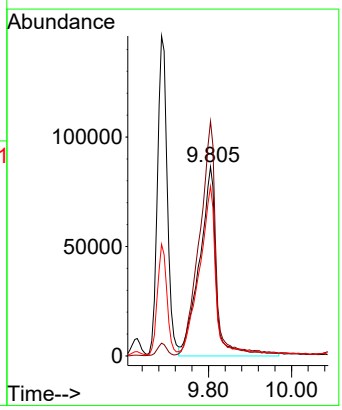


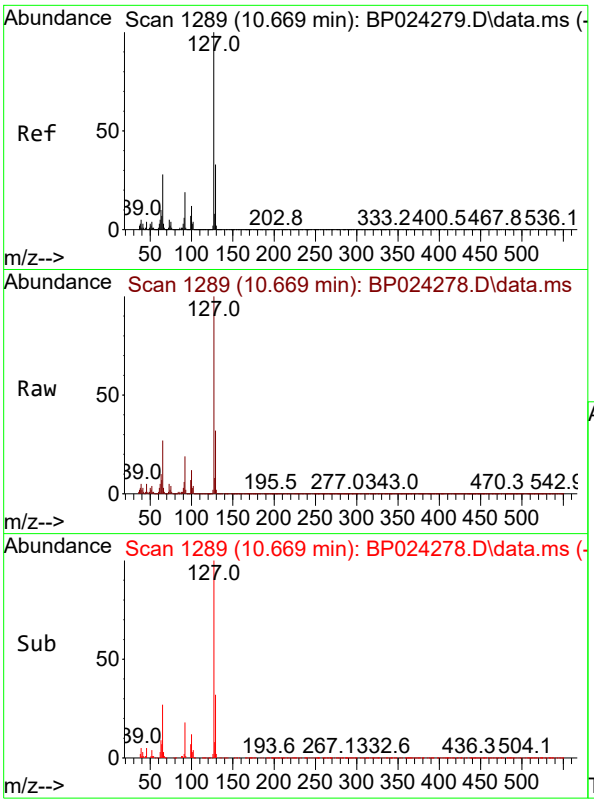


#32
Benzoic acid
Concen: 19.731 ng m
RT: 9.805 min Scan# 1142
Delta R.T. -0.024 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:122 Resp: 244213

Ion	Ratio	Lower	Upper
122	100		
105	124.1	104.8	144.8
77	89.8	69.2	109.2



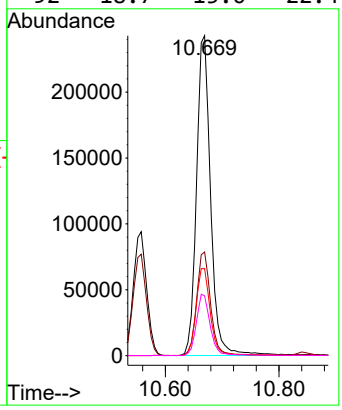


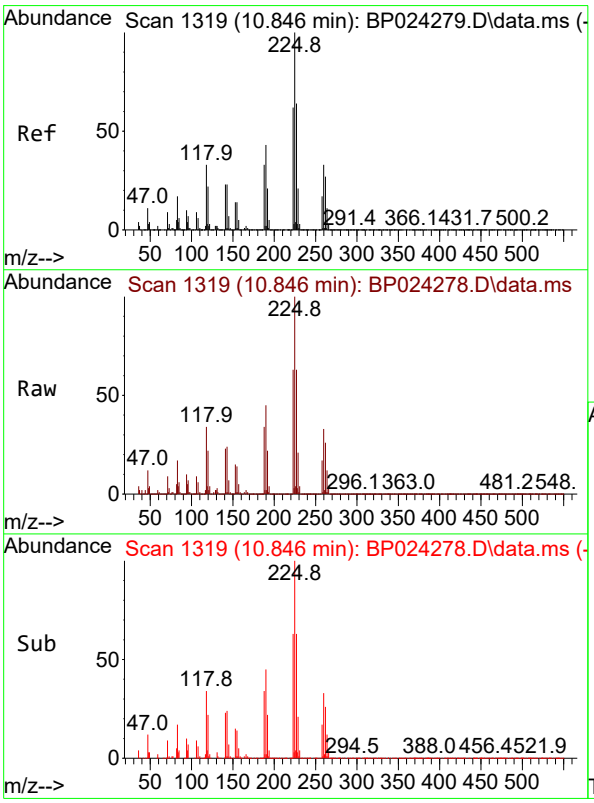
#33
4-Chloroaniline
Concen: 21.010 ng
RT: 10.669 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 420086

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	27.2	22.1	33.1
92	18.7	15.0	22.4

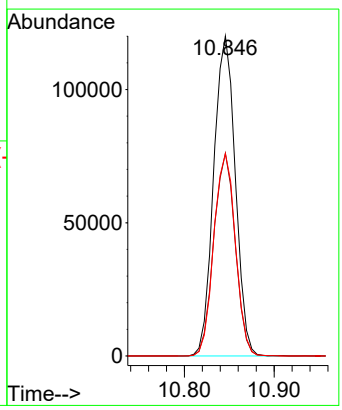


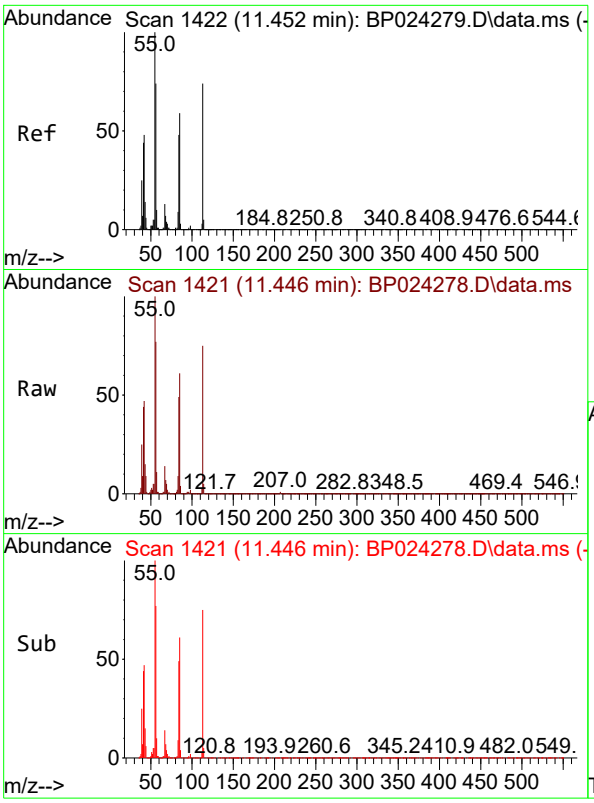


#34
Hexachlorobutadiene
Concen: 20.267 ng
RT: 10.846 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:225 Resp: 200785

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.5	74.3
227	63.3	50.9	76.3



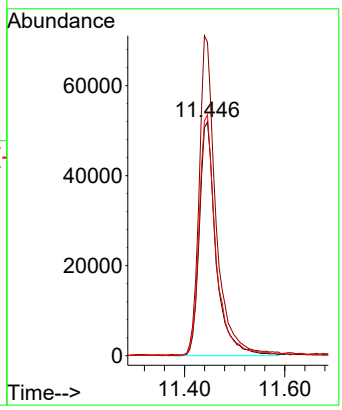


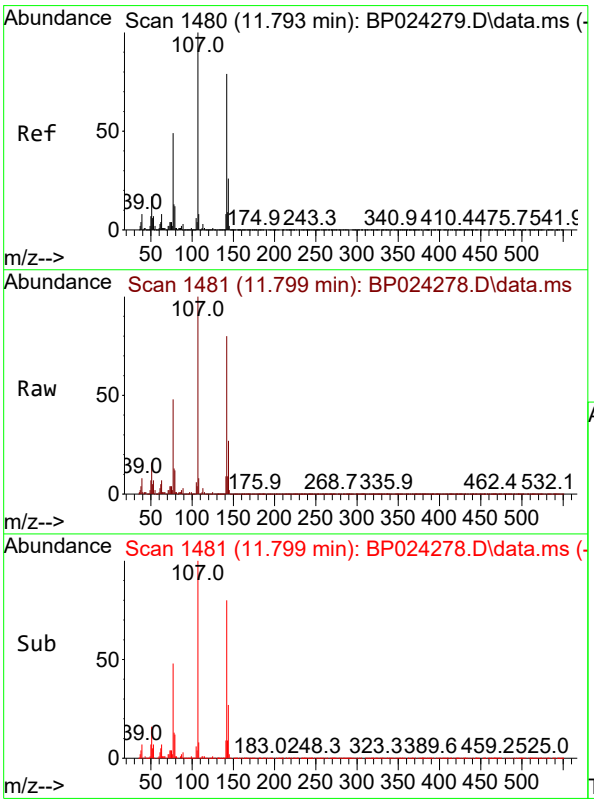
#35
Caprolactam
Concen: 20.922 ng
RT: 11.446 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 119912

Ion	Ratio	Lower	Upper
113	100		
55	134.1	115.9	155.9
56	103.0	81.1	121.1

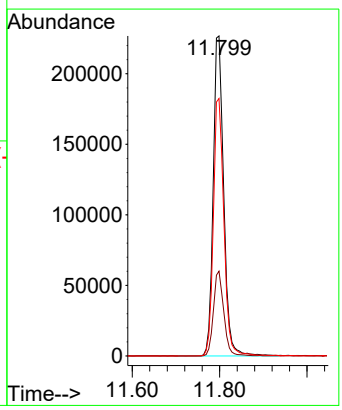


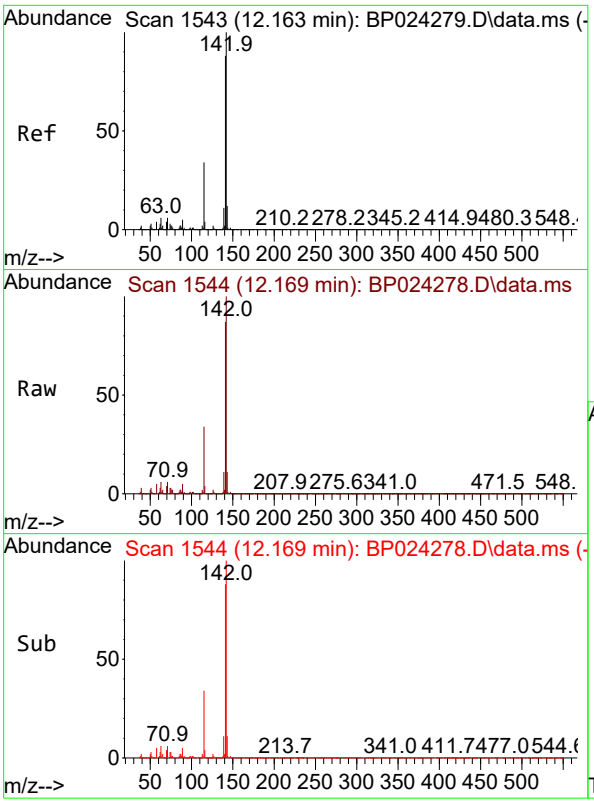


#36
4-Chloro-3-methylphenol
Concen: 20.767 ng
RT: 11.799 min Scan# 1481
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:107 Resp: 377768

Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.5	30.7
142	80.4	63.4	95.2



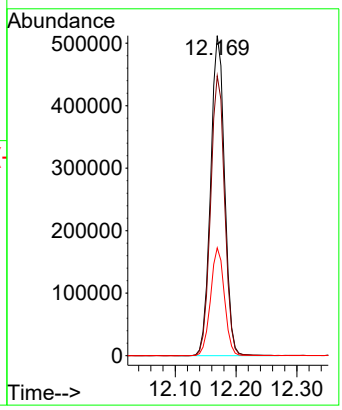


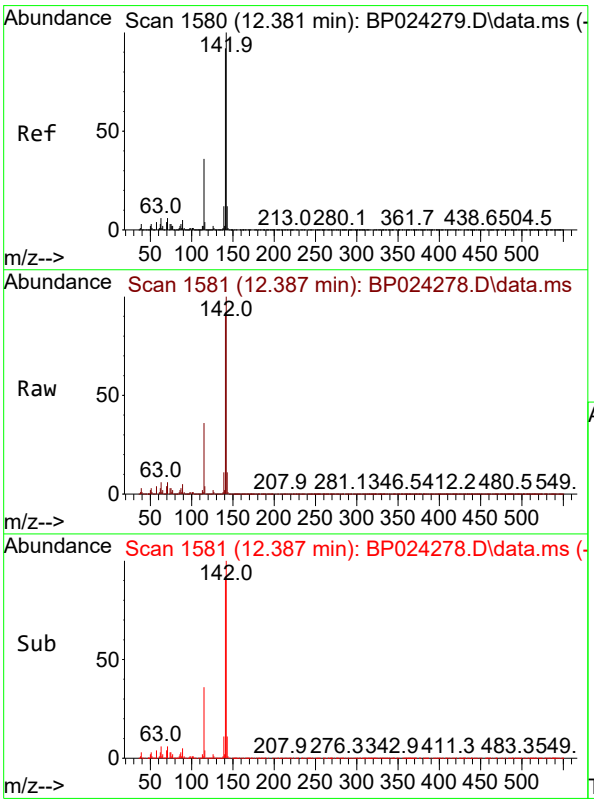
#37
2-Methylnaphthalene
Concen: 20.583 ng
RT: 12.169 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 816314

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.3	105.5
115	33.7	26.9	40.3

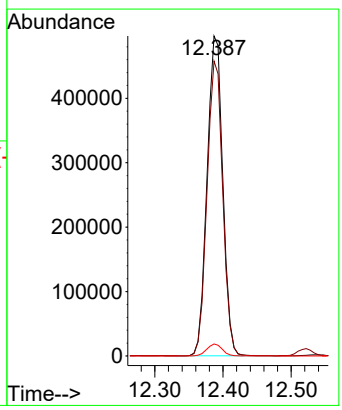


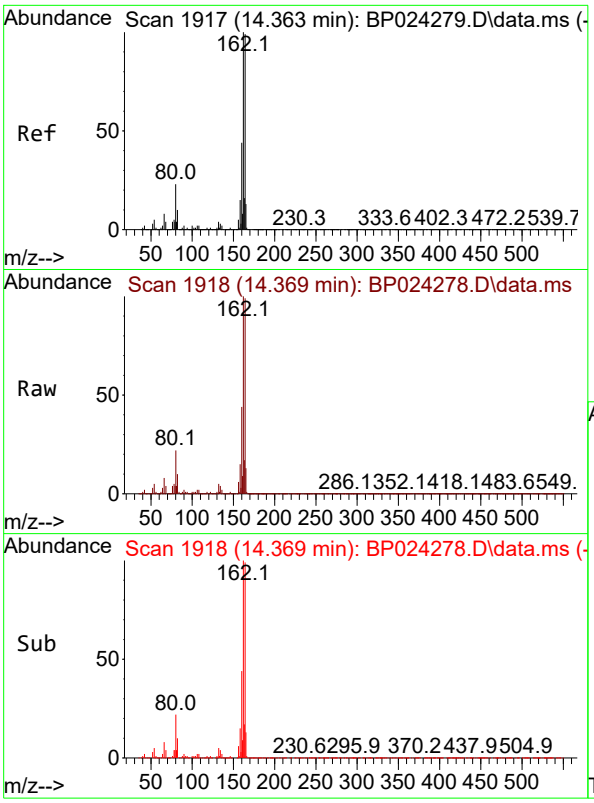


#38
1-Methylnaphthalene
Concen: 20.503 ng
RT: 12.387 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:142 Resp: 796550

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.6	110.4
116	3.8	3.0	4.6



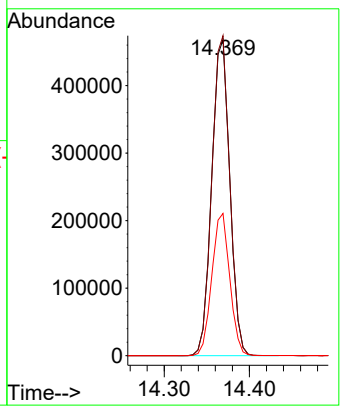


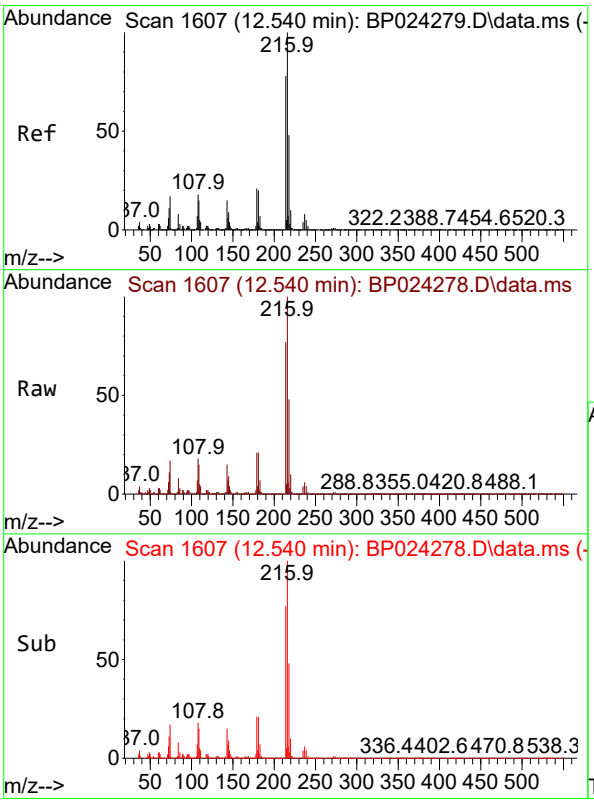
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:164 Resp: 688775

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	120.8
160	45.0	35.3	52.9

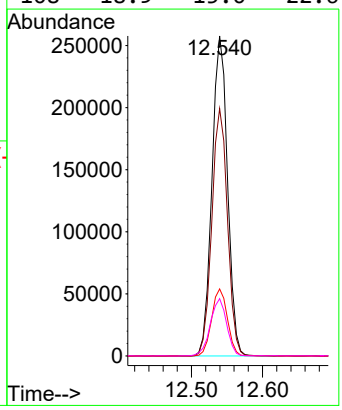


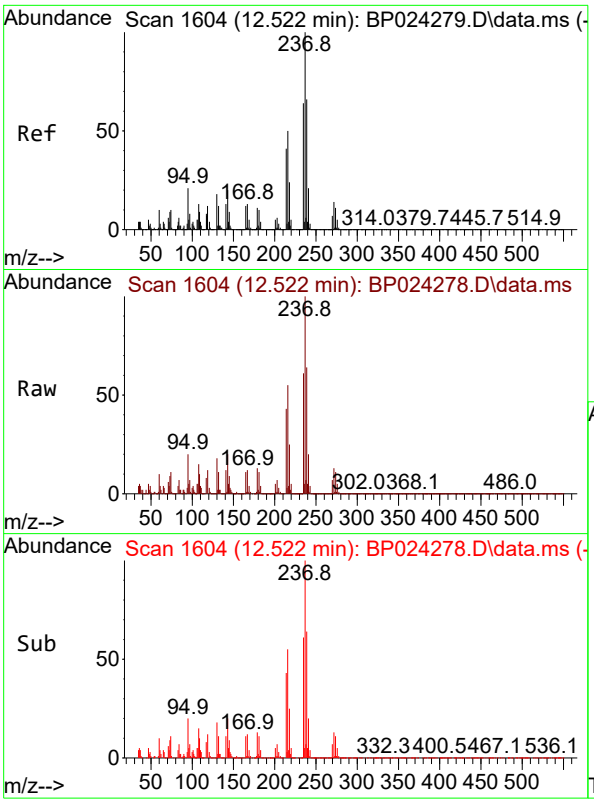


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.669 ng
RT: 12.540 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:216 Resp: 391241

Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.6	93.8
179	21.2	17.2	25.8
108	18.9	15.0	22.6



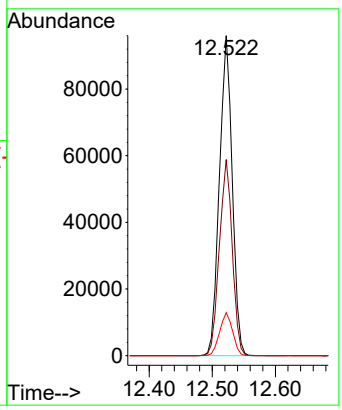


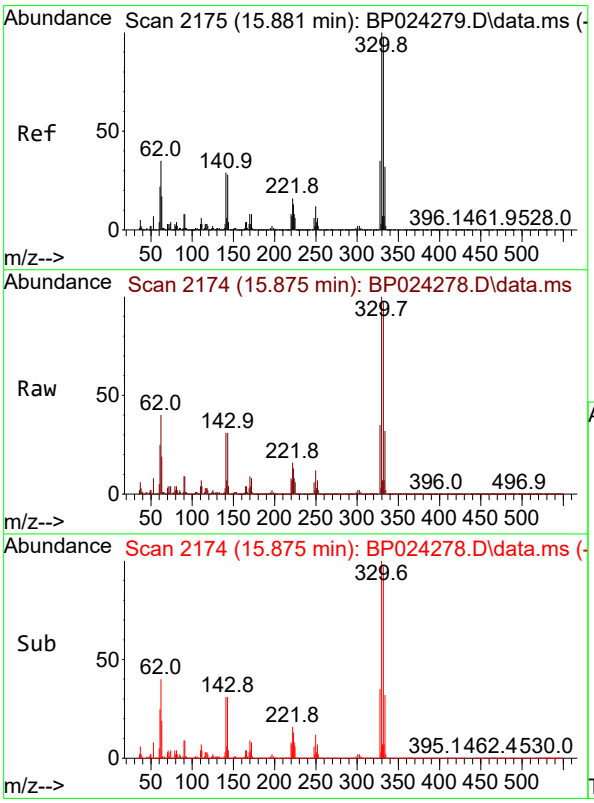
#41
Hexachlorocyclopentadiene
Concen: 20.414 ng
RT: 12.522 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 135654

Ion	Ratio	Lower	Upper
237	100		
235	61.3	43.9	83.9
272	13.5	0.0	33.6

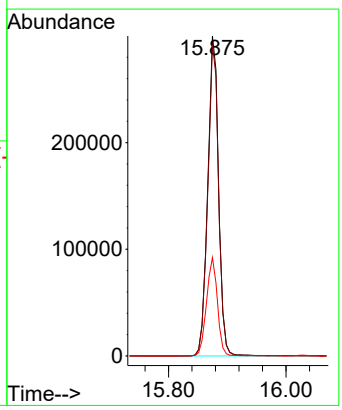


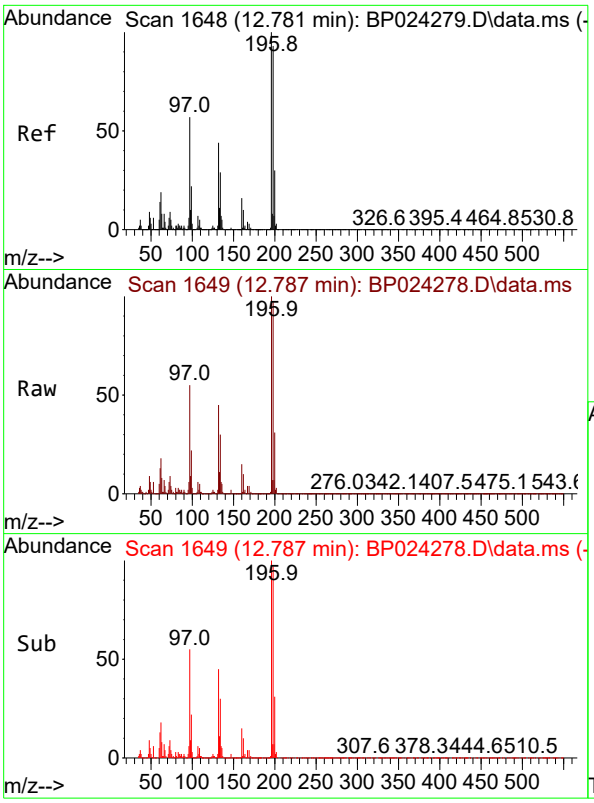


#42
2,4,6-Tribromophenol
Concen: 40.617 ng
RT: 15.875 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:330 Resp: 383088

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.1	115.7
141	30.9	24.7	37.1



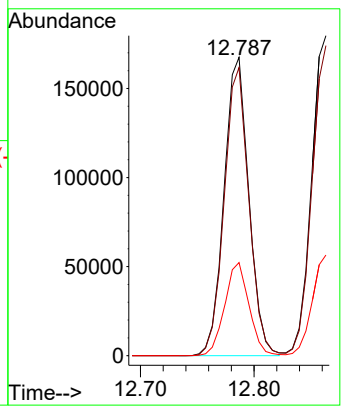


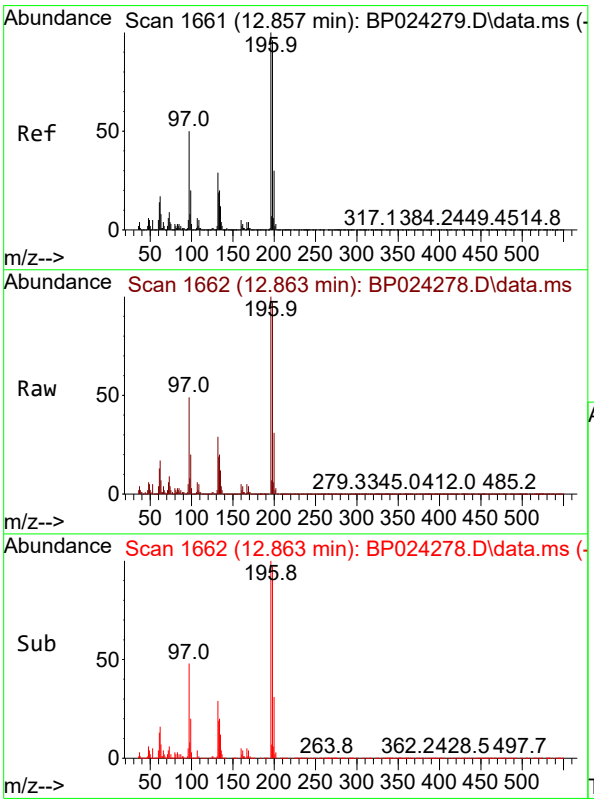
#43
2,4,6-Trichlorophenol
Concen: 20.410 ng
RT: 12.787 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 254189

Ion	Ratio	Lower	Upper
196	100		
198	96.6	74.3	111.5
200	31.2	24.0	36.0

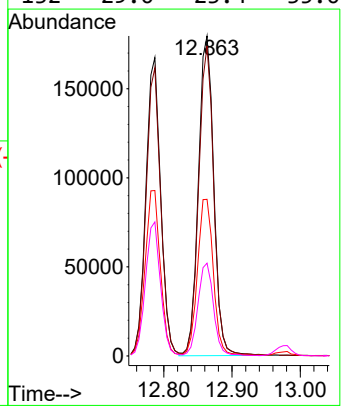


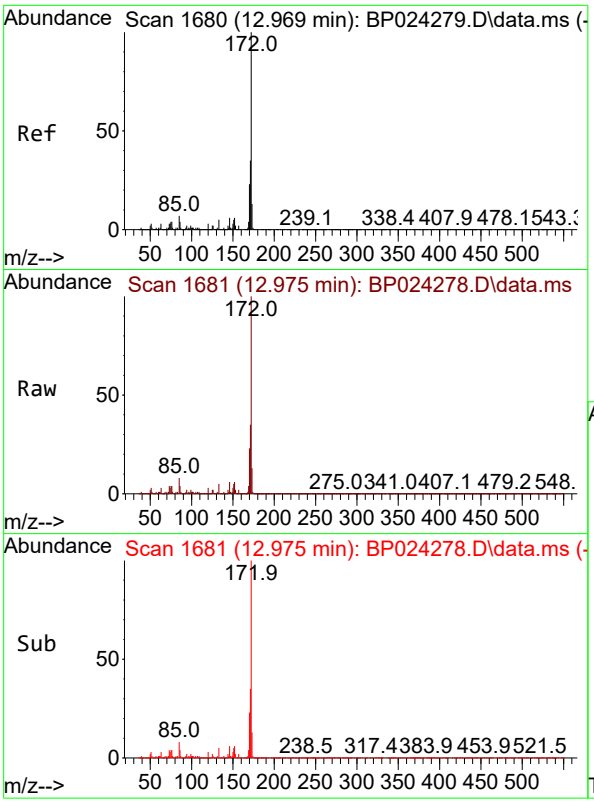


#44
2,4,5-Trichlorophenol
Concen: 20.424 ng
RT: 12.863 min Scan# 1662
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:196 Resp: 281887

Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.3	115.9
97	48.9	40.4	60.6
132	29.0	23.4	35.0



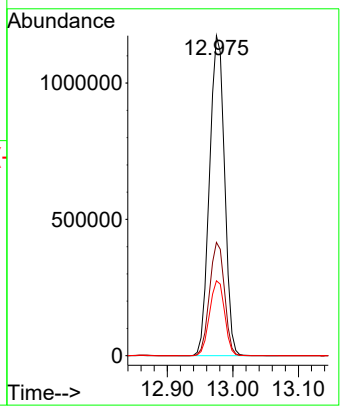


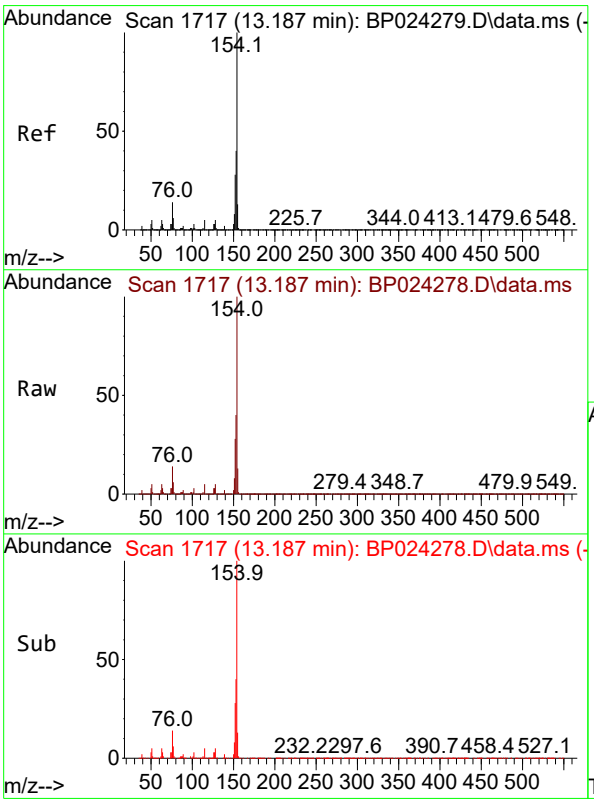
#45
2-Fluorobiphenyl
Concen: 41.254 ng
RT: 12.975 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 1871534

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	23.4	18.6	27.8

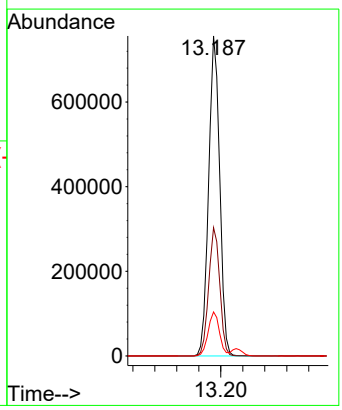


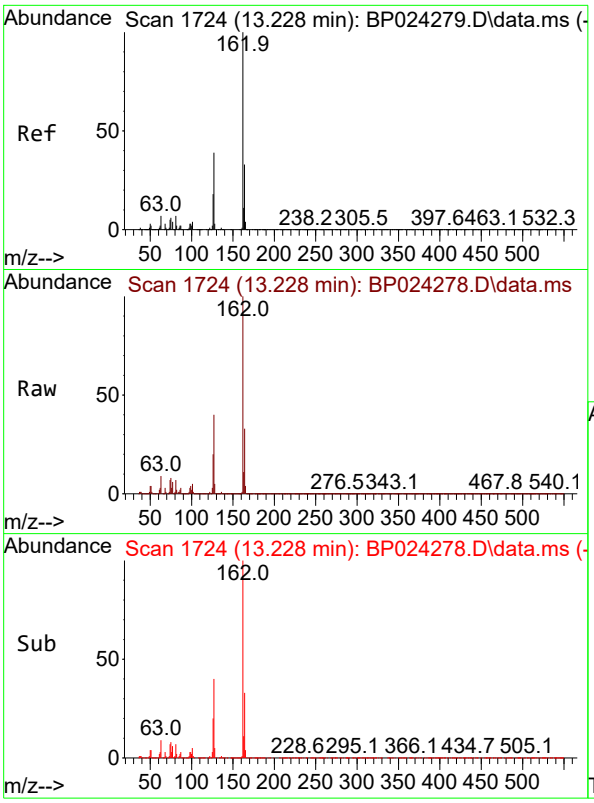


#46
1,1'-Biphenyl
Concen: 20.694 ng
RT: 13.187 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:154 Resp: 1052618

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.3	60.3
76	13.7	0.0	33.5



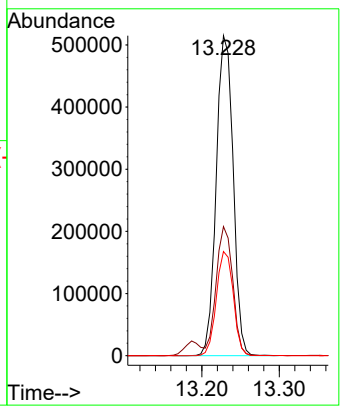


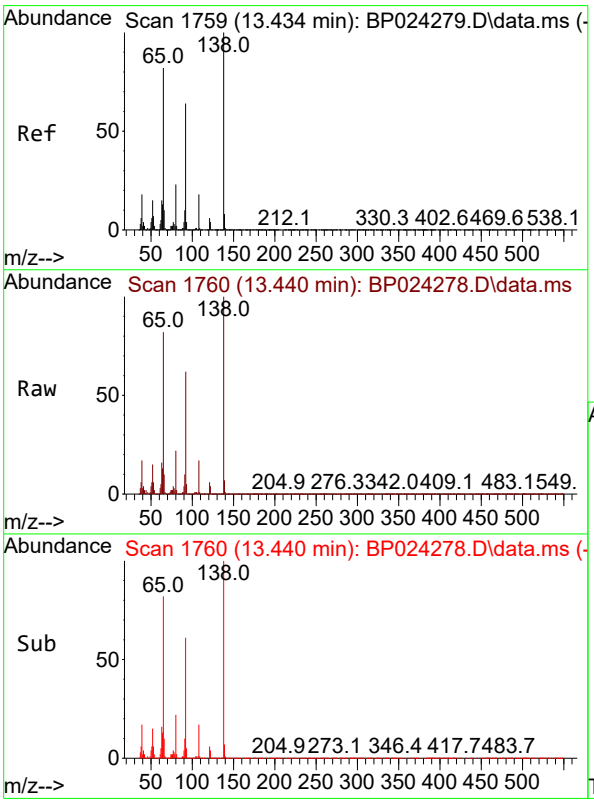
#47
2-Chloronaphthalene
Concen: 20.603 ng
RT: 13.228 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 782040

Ion	Ratio	Lower	Upper
162	100		
127	40.4	31.9	47.9
164	32.6	26.2	39.4

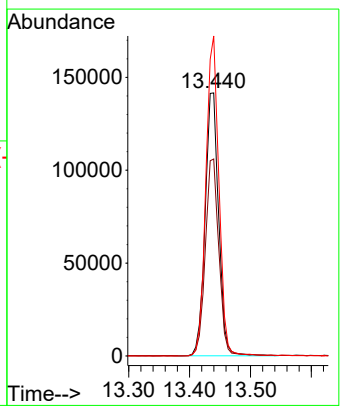


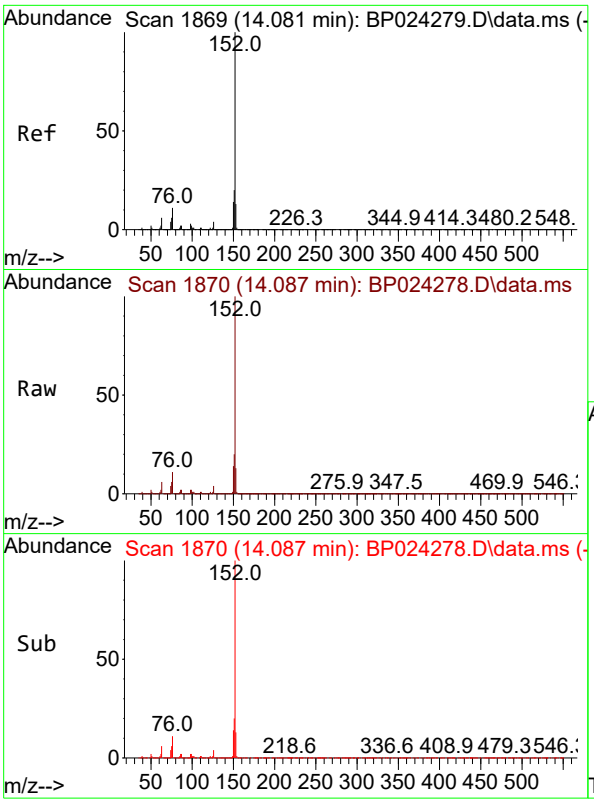


#48
2-Nitroaniline
Concen: 20.811 ng
RT: 13.440 min Scan# 1760
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion: 65 Resp: 218194

Ion	Ratio	Lower	Upper
65	100		
92	74.9	62.3	93.5
138	121.6	97.2	145.8



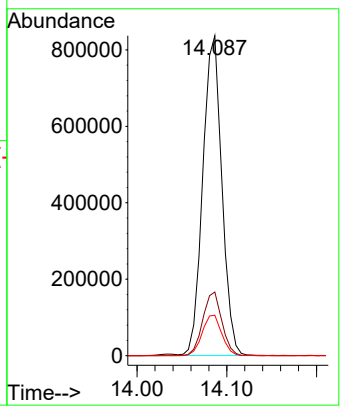


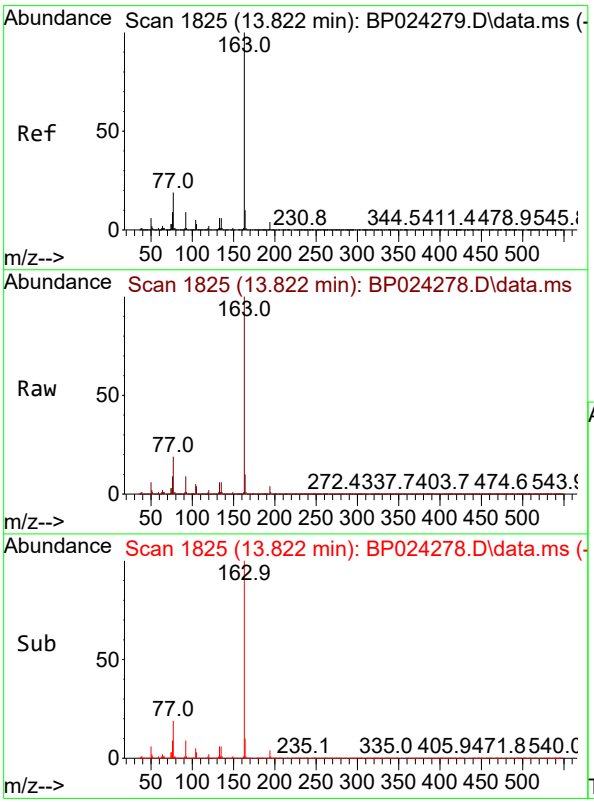
#49
Acenaphthylene
Concen: 20.726 ng
RT: 14.087 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 1234728

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	12.7	10.6	15.8

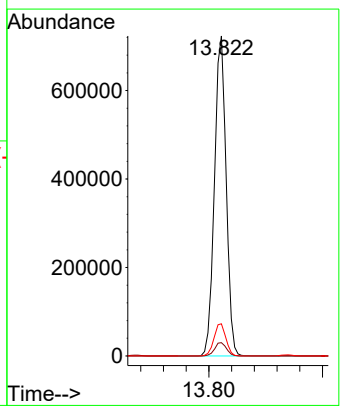


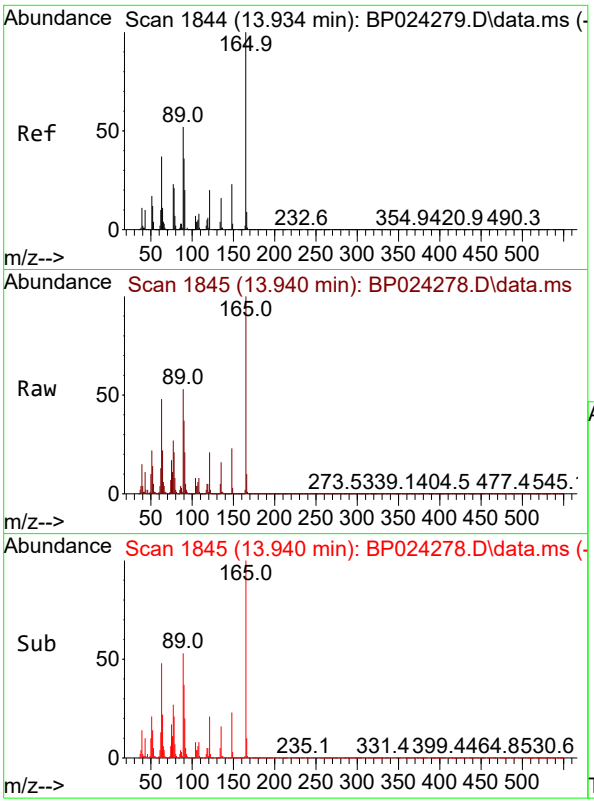


#50
Dimethylphthalate
Concen: 20.489 ng
RT: 13.822 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:163 Resp: 1029599

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.1	8.0	12.0



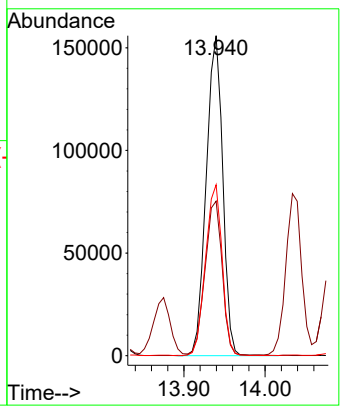


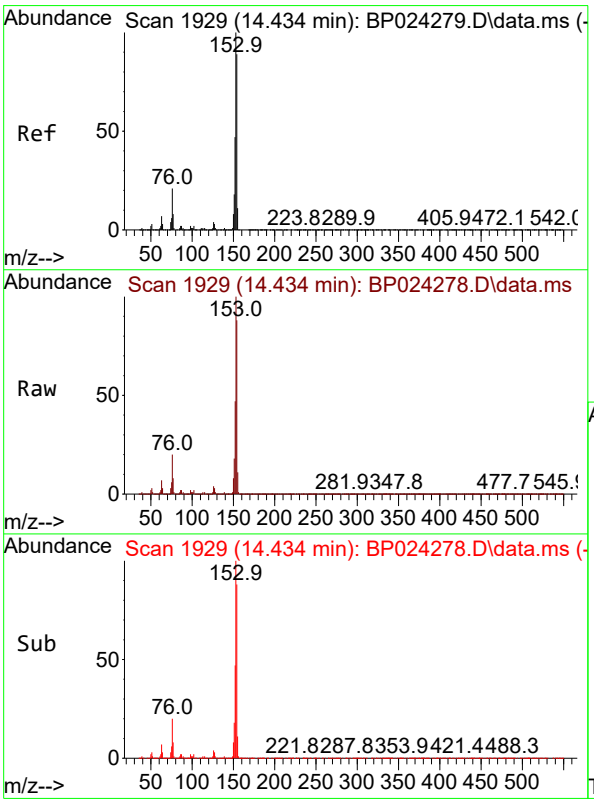
#51
2,6-Dinitrotoluene
Concen: 20.731 ng
RT: 13.940 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 219492

Ion	Ratio	Lower	Upper
165	100		
63	48.3	38.0	57.0
89	53.4	41.7	62.5

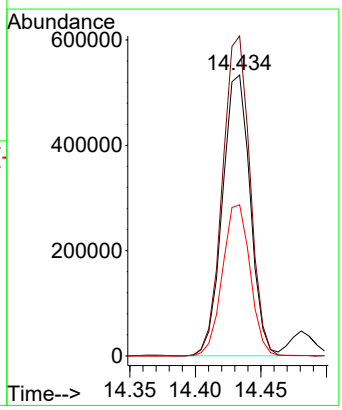


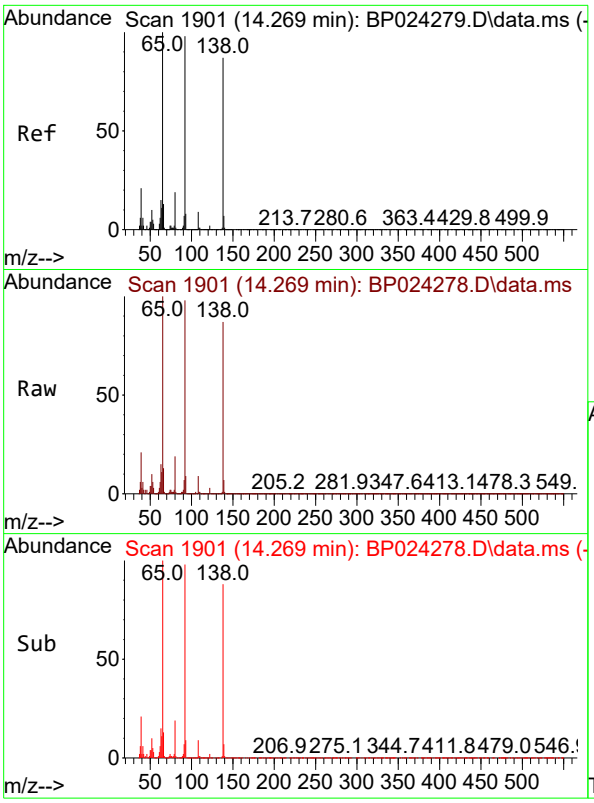


#52
Acenaphthene
Concen: 20.741 ng
RT: 14.434 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:154 Resp: 785789

Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.8	134.6
152	53.8	42.6	63.8



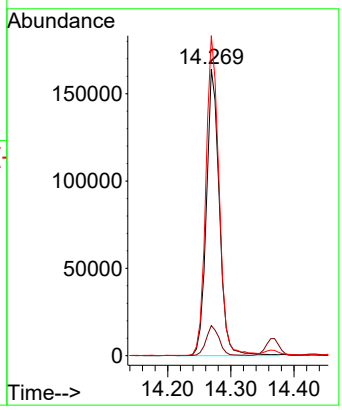


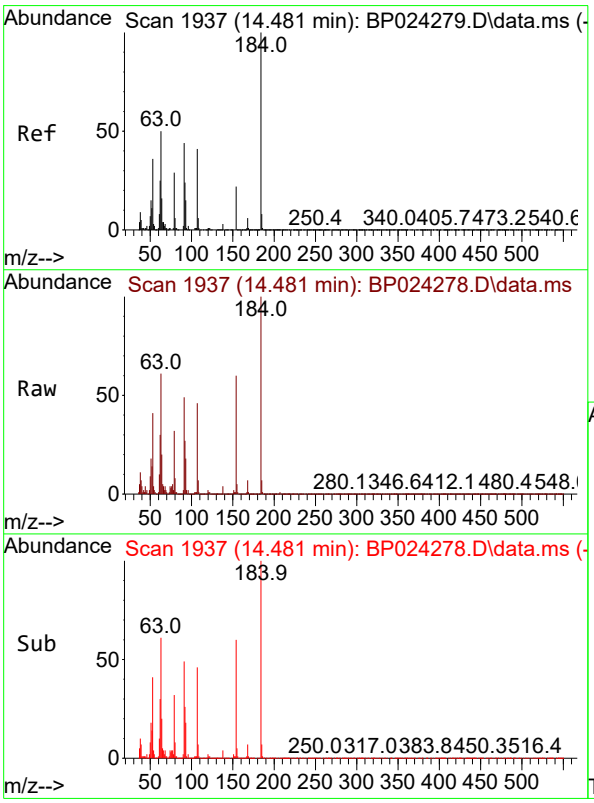
#53
3-Nitroaniline
Concen: 21.212 ng
RT: 14.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 233006

Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.3	12.5
92	111.7	89.8	134.8

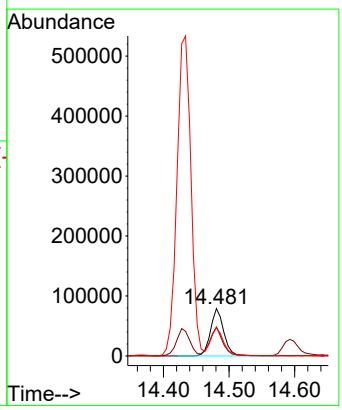


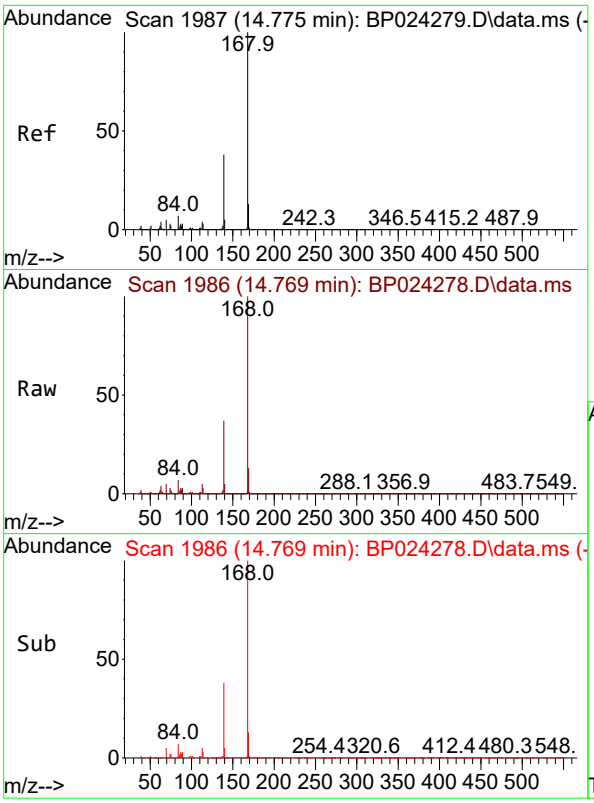


#54
2,4-Dinitrophenol
Concen: 19.785 ng
RT: 14.481 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:184 Resp: 112157

Ion	Ratio	Lower	Upper
184	100		
63	61.0	42.6	64.0
154	60.0	47.2	70.8



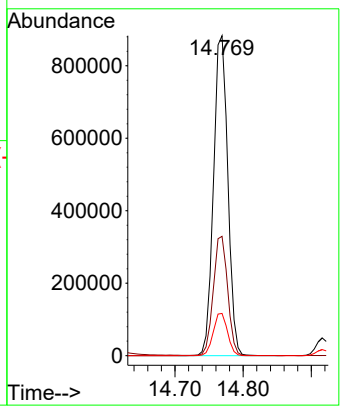


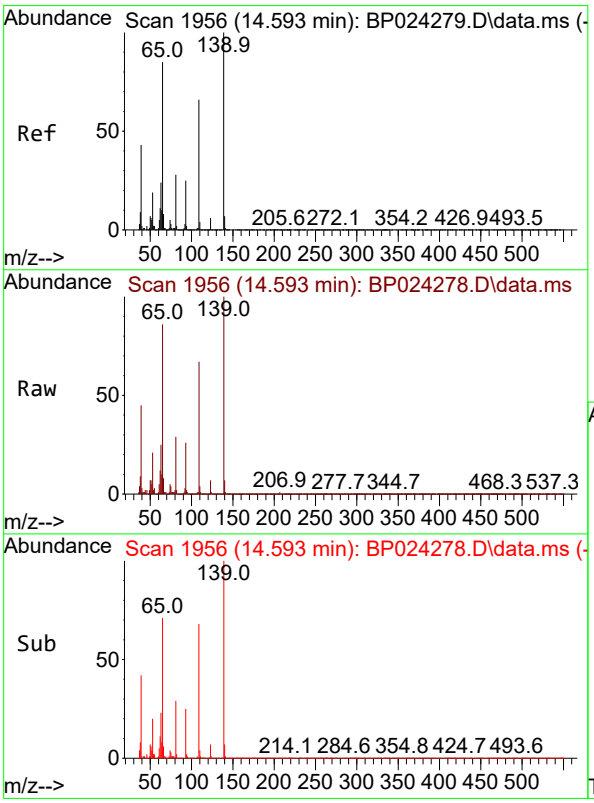
#55
Dibenzofuran
Concen: 20.735 ng
RT: 14.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 1288363

Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.3	45.5
169	13.2	10.6	16.0

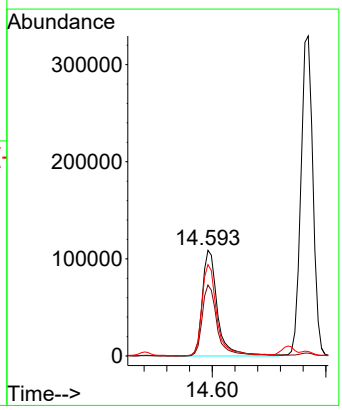


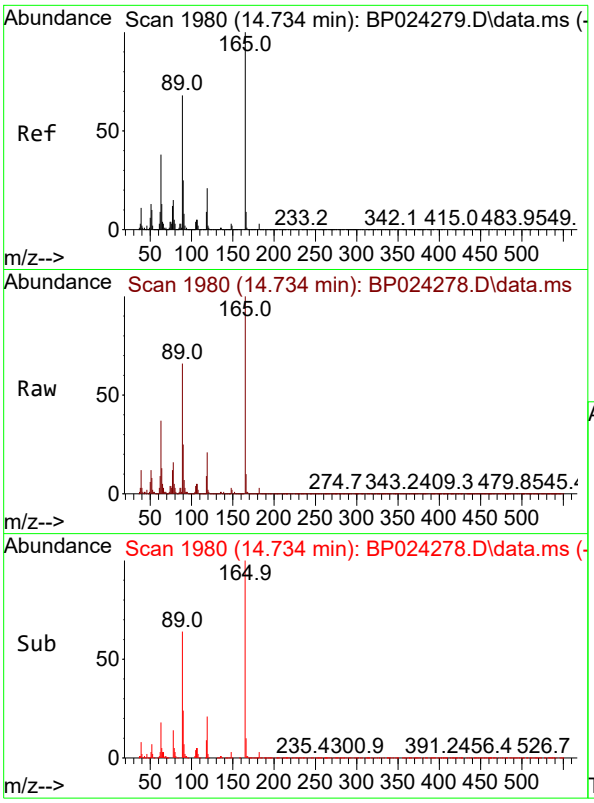


#56
4-Nitrophenol
Concen: 21.109 ng
RT: 14.593 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:139 Resp: 199315

Ion	Ratio	Lower	Upper
139	100		
109	67.0	46.1	86.1
65	86.5	65.0	105.0



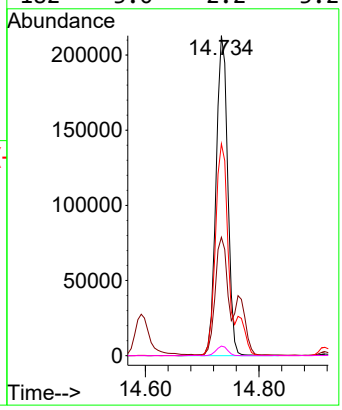


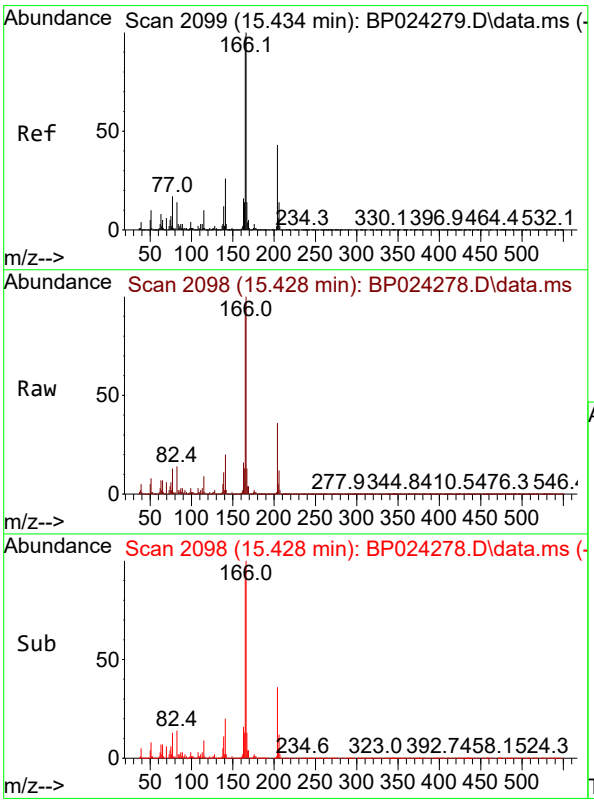
#57
2,4-Dinitrotoluene
Concen: 21.126 ng
RT: 14.734 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 302332

Ion	Ratio	Lower	Upper
165	100		
63	37.0	30.4	45.6
89	66.2	54.6	82.0
182	3.0	2.2	3.2

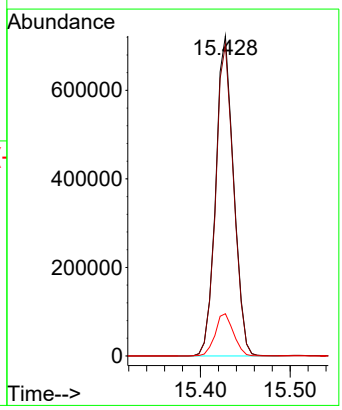


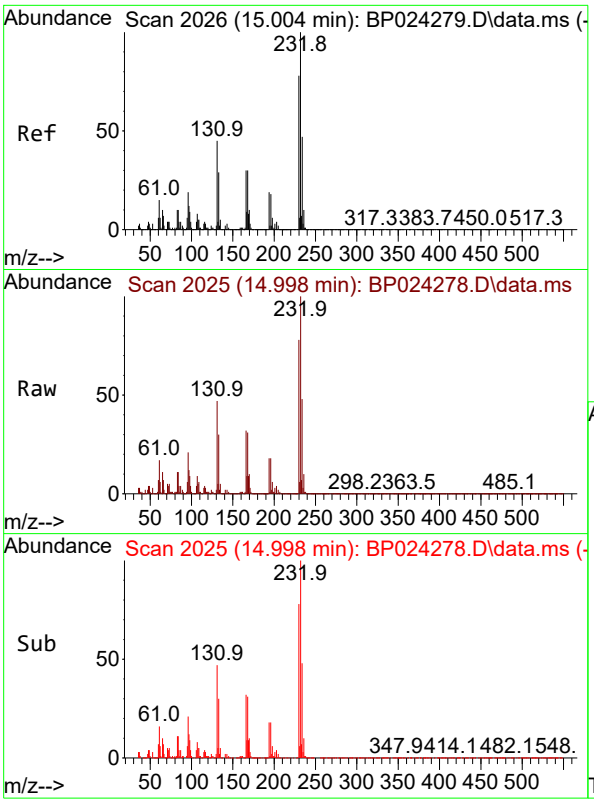


#58
Fluorene
Concen: 20.876 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:166 Resp: 1001515

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.1	117.1
167	13.2	10.9	16.3



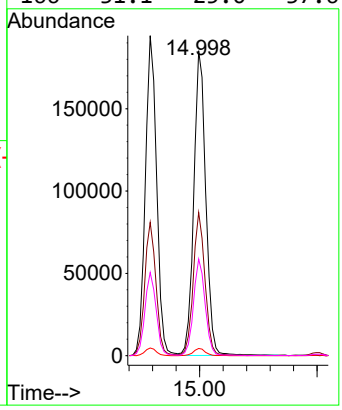


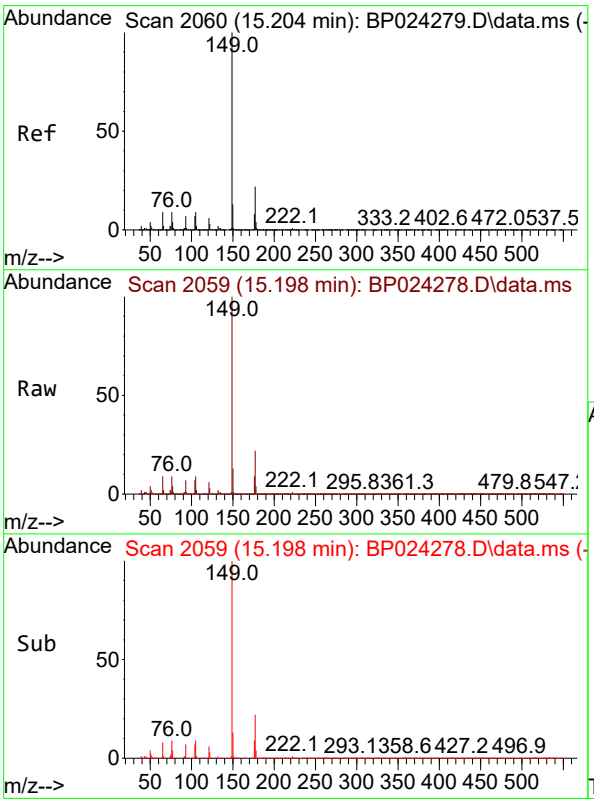
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.523 ng
RT: 14.998 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 262077

Ion	Ratio	Lower	Upper
232	100		
131	45.5	36.8	55.2
130	2.4	1.9	2.9
166	31.1	25.0	37.6

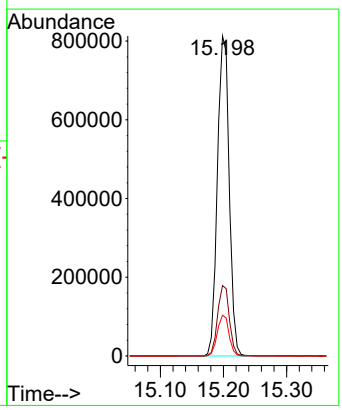


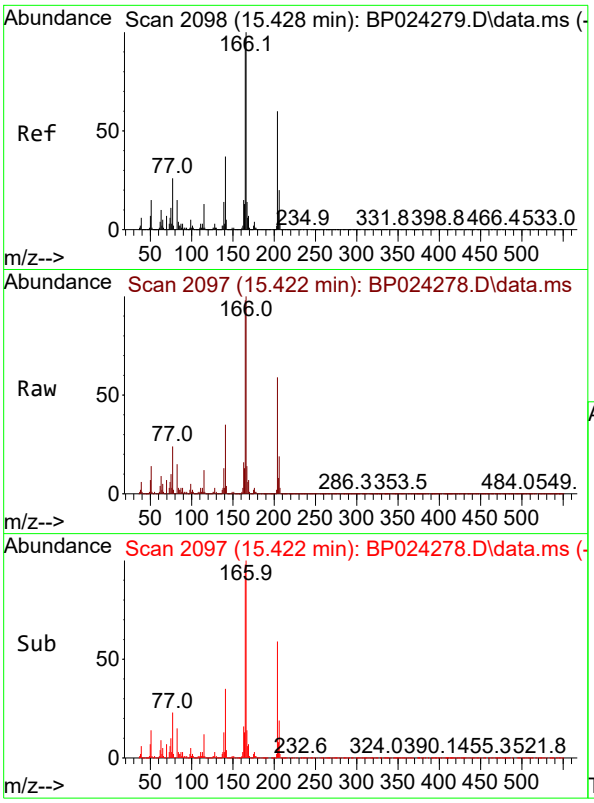


#60
Diethylphthalate
Concen: 20.344 ng
RT: 15.198 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:149 Resp: 1052183

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.4	26.2
150	12.8	10.1	15.1



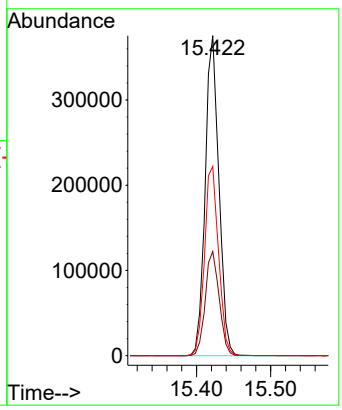


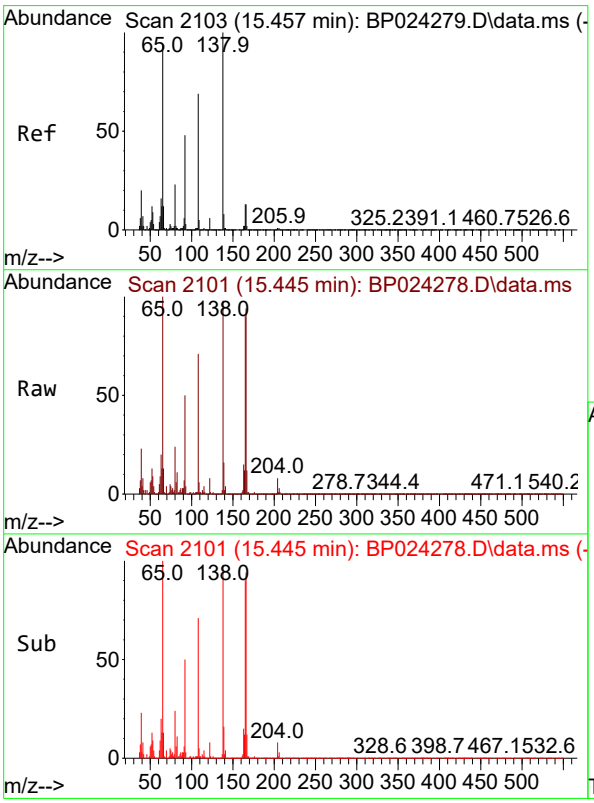
#61
4-Chlorophenyl-phenylether
Concen: 20.675 ng
RT: 15.422 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 481631

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	59.2	49.4	74.0

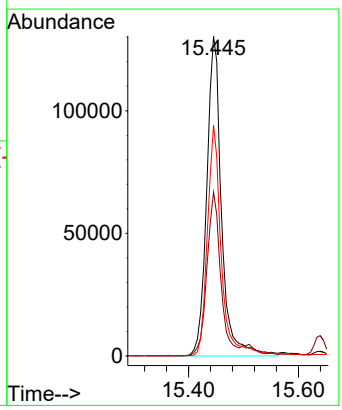


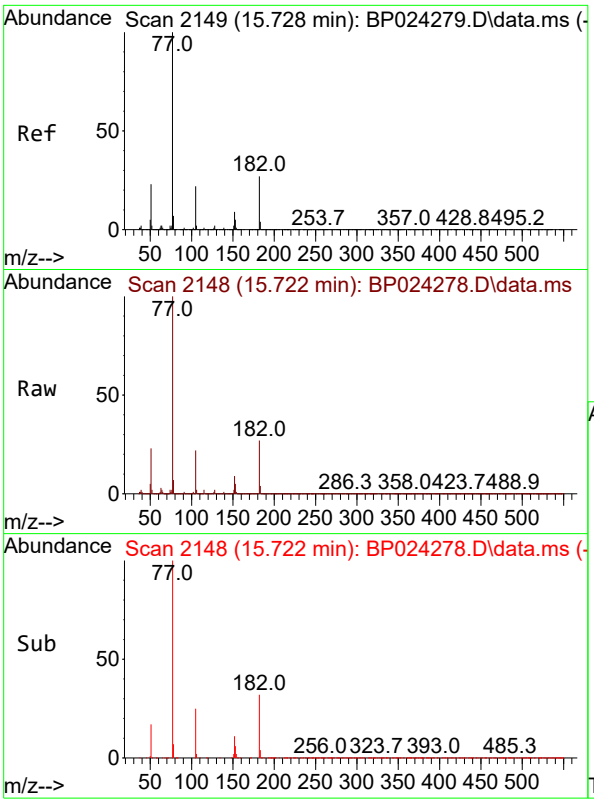


#62
4-Nitroaniline
Concen: 20.888 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.012 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:138 Resp: 243257

Ion	Ratio	Lower	Upper
138	100		
92	51.2	27.8	67.8
108	72.0	48.9	88.9



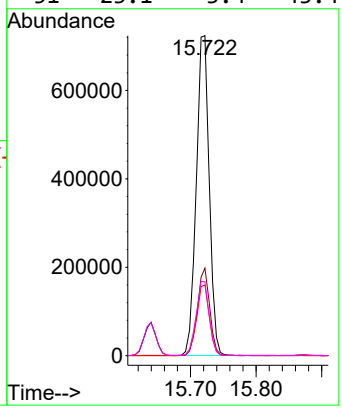


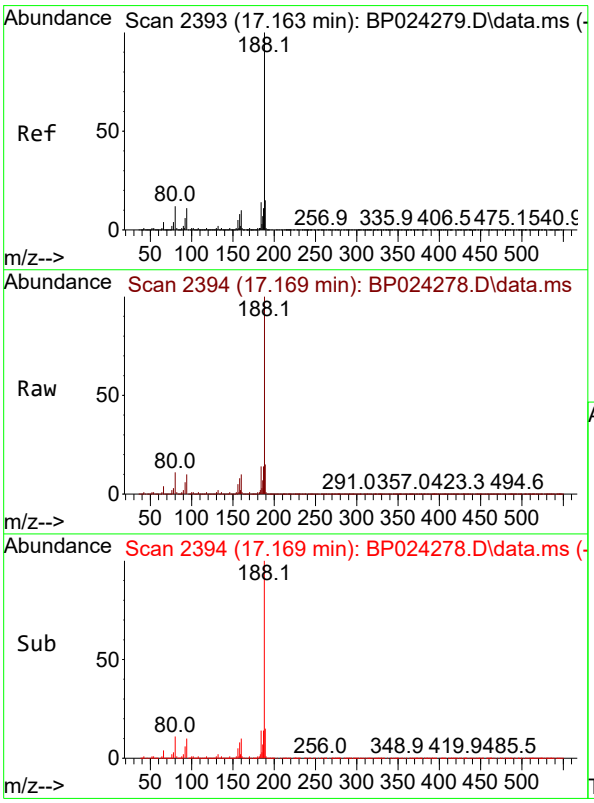
#63
Azobenzene
Concen: 20.907 ng
RT: 15.722 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 995912

Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.3	47.3
105	22.0	2.3	42.3
51	23.1	3.4	43.4

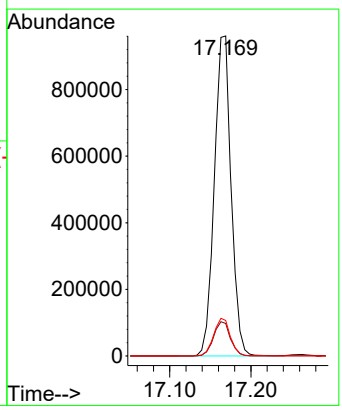


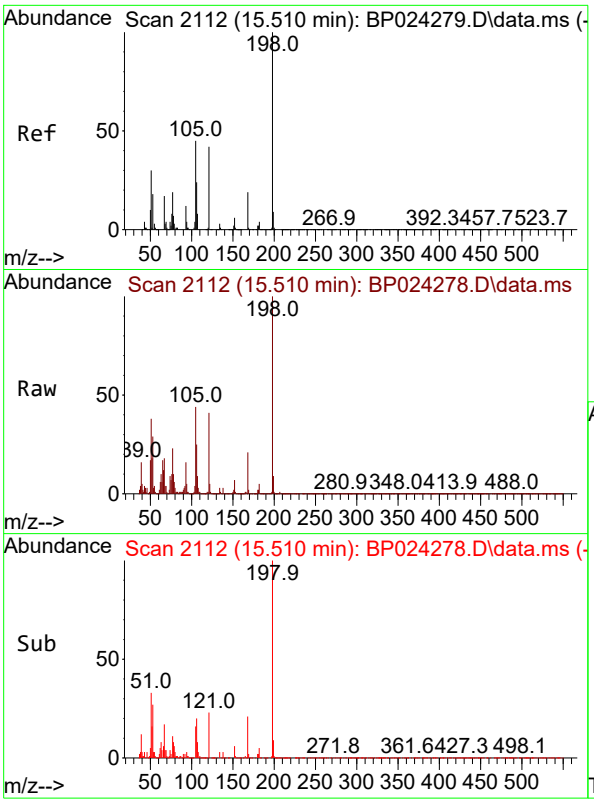


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 2394
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:188 Resp: 1378480

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.6	13.0
80	11.1	9.8	14.6



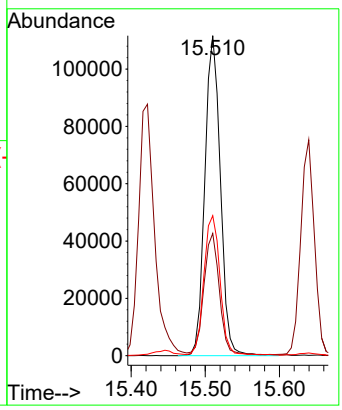


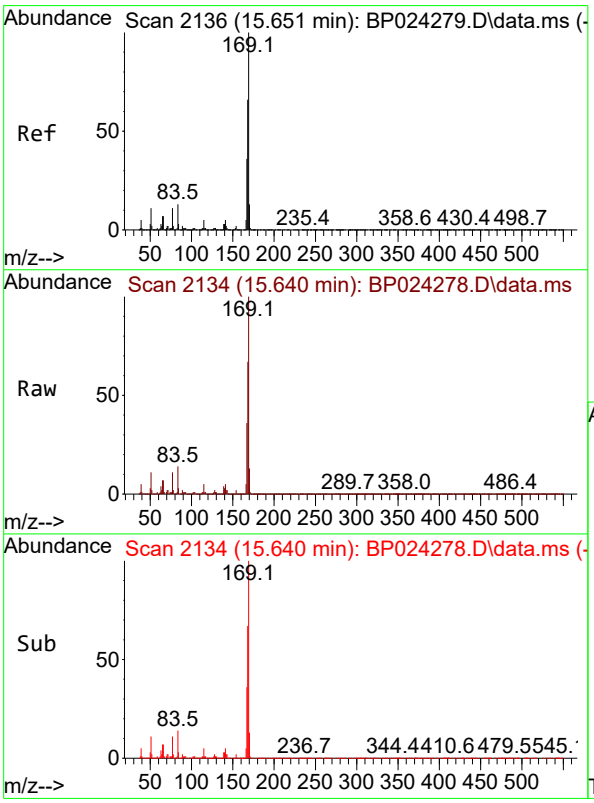
#65
4,6-Dinitro-2-methylphenol
Concen: 20.176 ng
RT: 15.510 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 162501

Ion	Ratio	Lower	Upper
198	100		
51	38.2	18.4	58.4
105	43.8	26.5	66.5

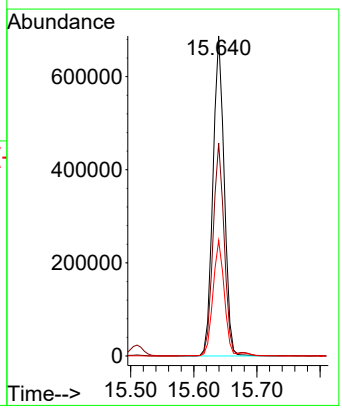


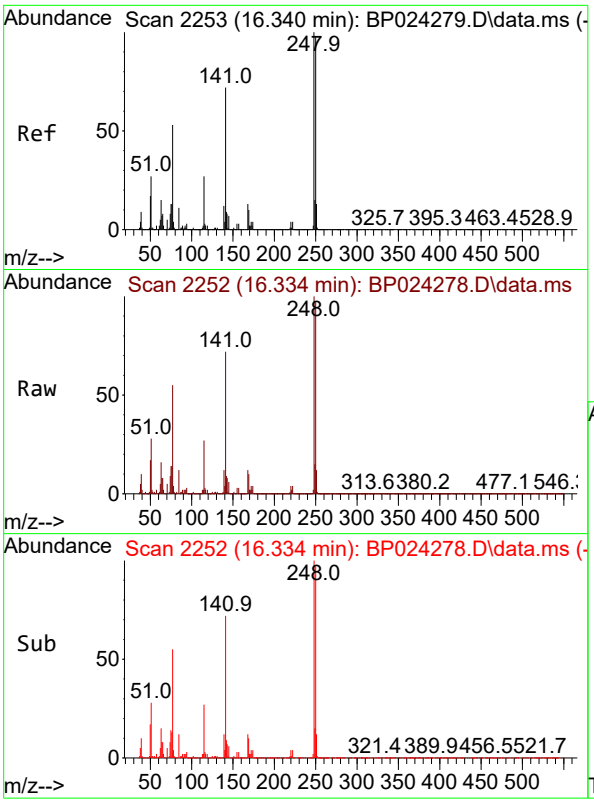


#66
n-Nitrosodiphenylamine
Concen: 20.552 ng
RT: 15.640 min Scan# 2134
Delta R.T. -0.012 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:169 Resp: 849476

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.0	79.4
167	36.1	28.9	43.3



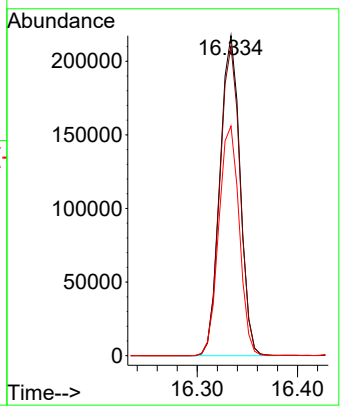


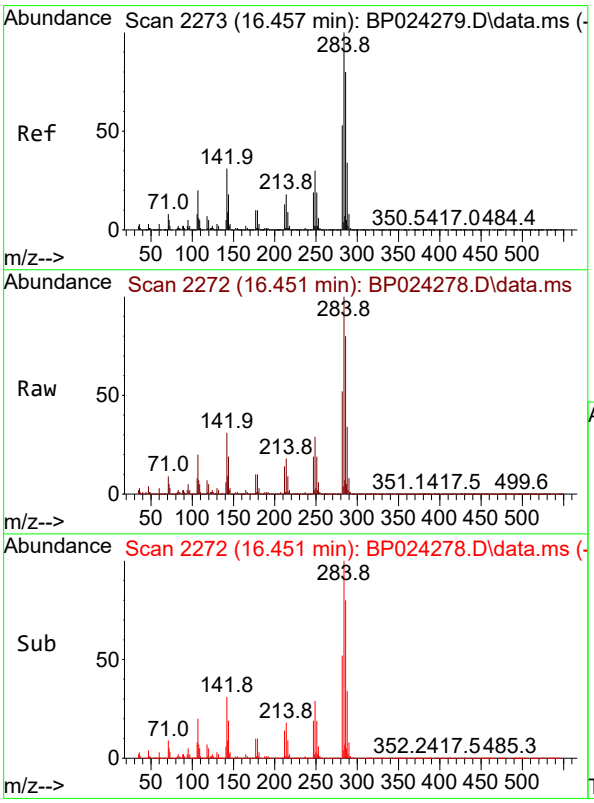
#67
4-Bromophenyl-phenylether
Concen: 20.125 ng
RT: 16.334 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 302601

Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.2	117.4
141	71.8	57.7	86.5

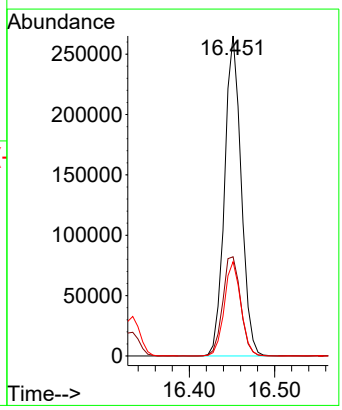


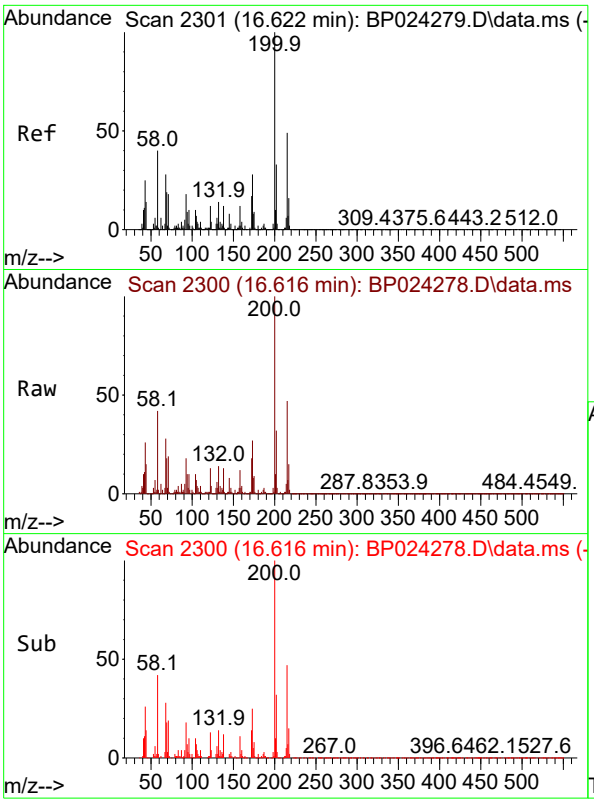


#68
Hexachlorobenzene
Concen: 20.077 ng
RT: 16.451 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:284 Resp: 358889

Ion	Ratio	Lower	Upper
284	100		
142	31.0	24.6	37.0
249	29.5	23.8	35.6



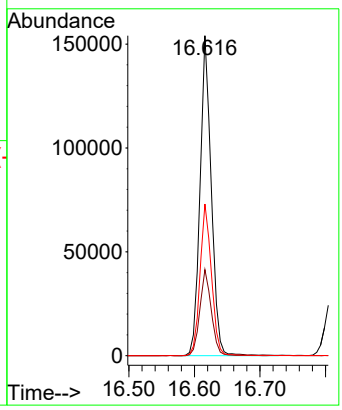


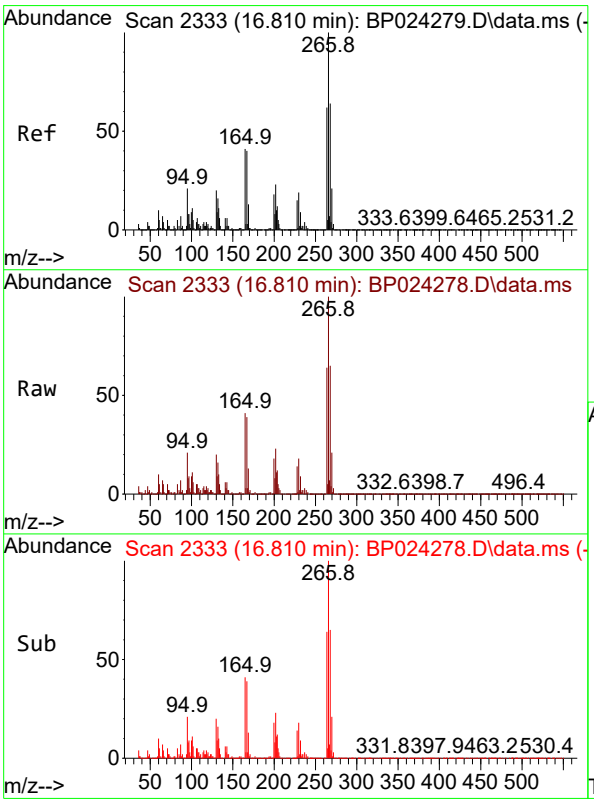
#69
Atrazine
Concen: 17.573 ng
RT: 16.616 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 184151

Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.5	47.5
215	47.4	28.8	68.8

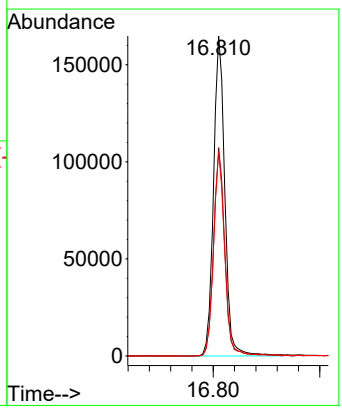


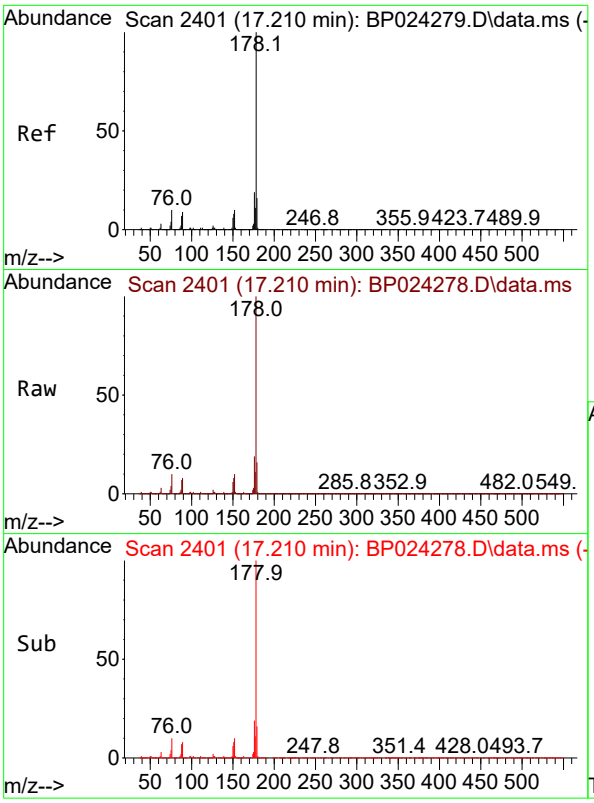


#70
Pentachlorophenol
Concen: 19.702 ng
RT: 16.810 min Scan# 2333
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:266 Resp: 241815

Ion	Ratio	Lower	Upper
266	100		
268	65.1	51.0	76.6
264	63.6	49.8	74.6



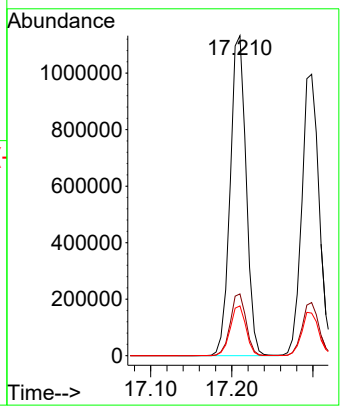


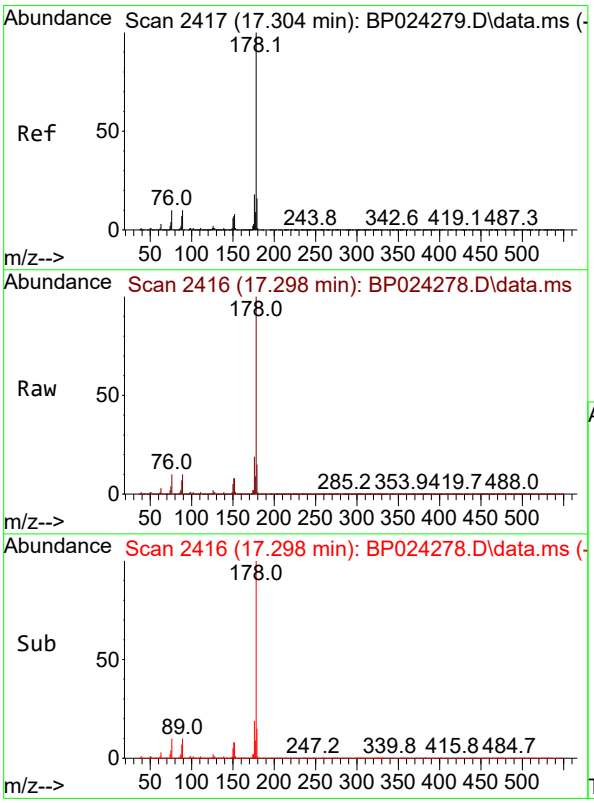
#71
Phenanthrene
Concen: 20.378 ng
RT: 17.210 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 1540112

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.6	12.5	18.7

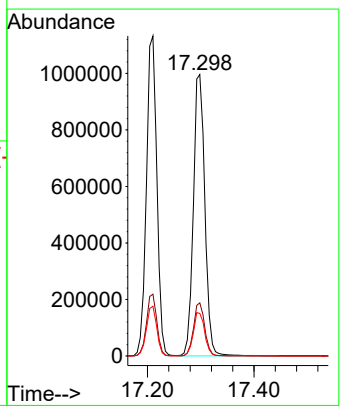


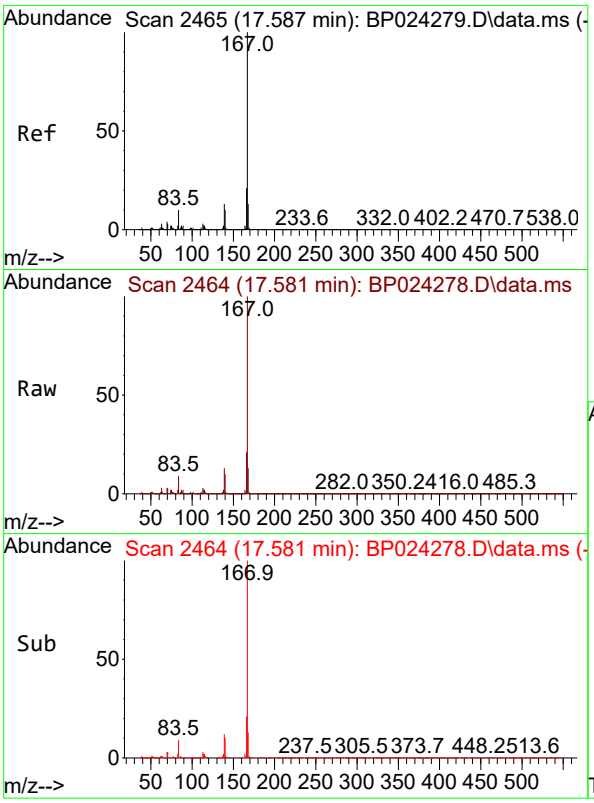


#72
Anthracene
Concen: 20.543 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:178 Resp: 1494006

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.7	22.1
179	15.1	12.4	18.6



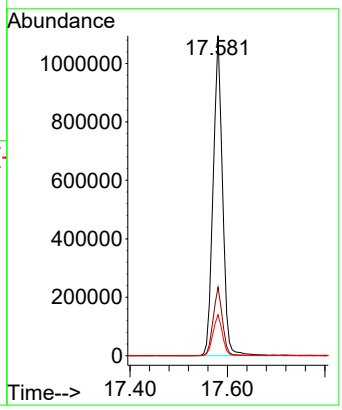


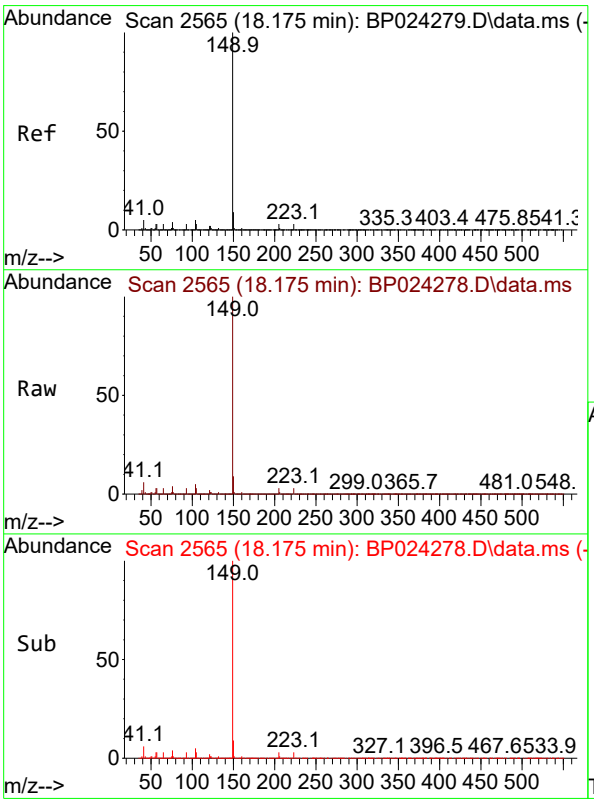
#73
Carbazole
Concen: 20.653 ng
RT: 17.581 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 1461729

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.8	10.6	16.0

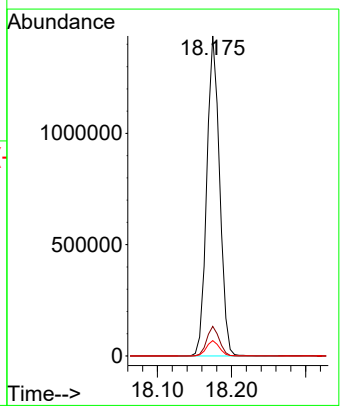


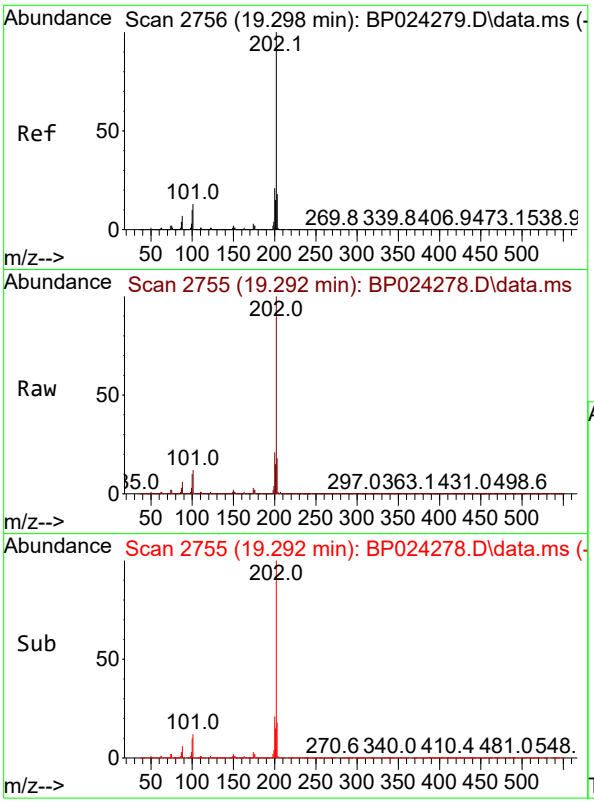


#74
Di-n-butylphthalate
Concen: 19.585 ng
RT: 18.175 min Scan# 2565
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:149 Resp: 1727074

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.8	3.9	5.9



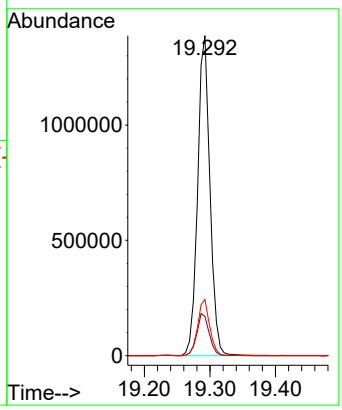


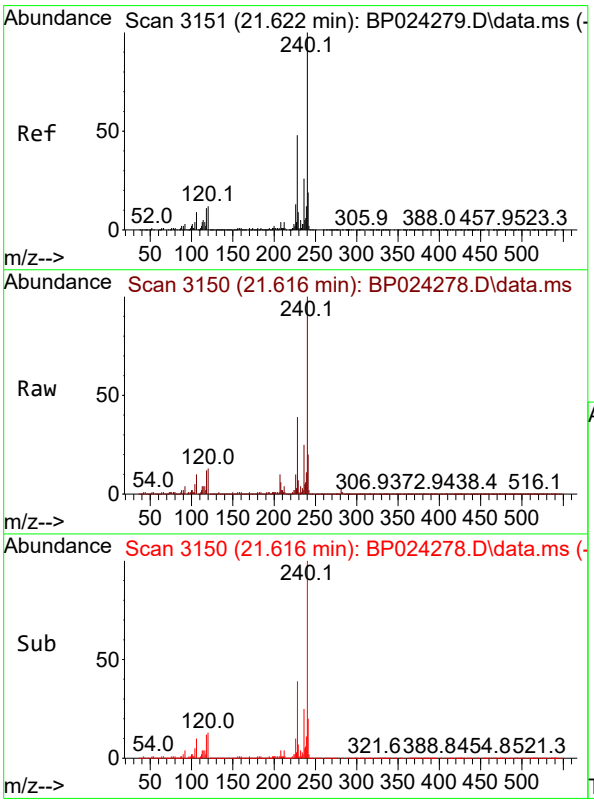
#75
Fluoranthene
Concen: 20.218 ng
RT: 19.292 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 1813662

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	17.6	0.0	37.7

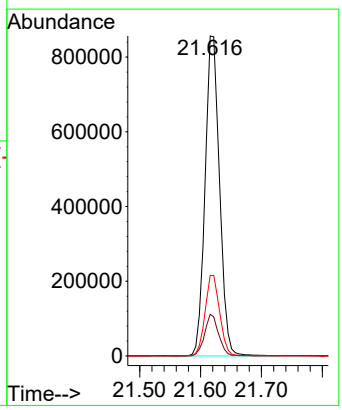


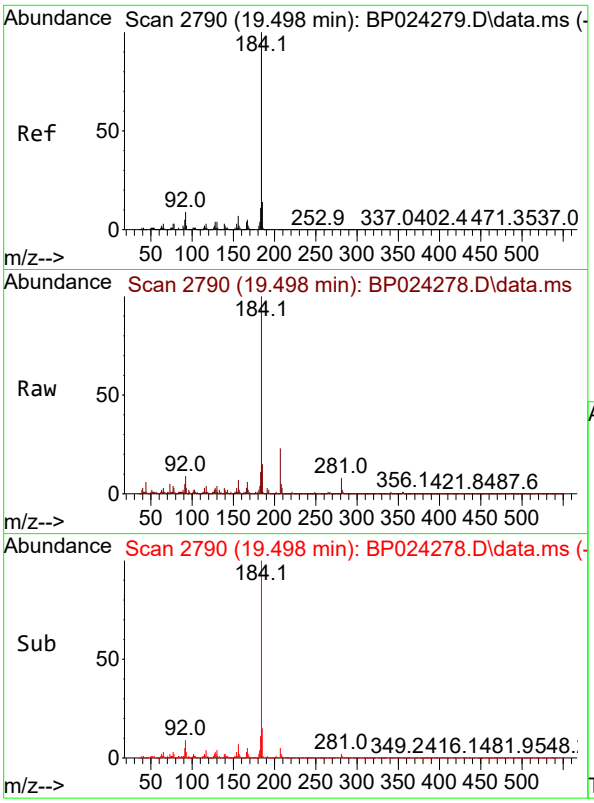


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.616 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:240 Resp: 1415765

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.8	14.8
236	25.2	20.9	31.3



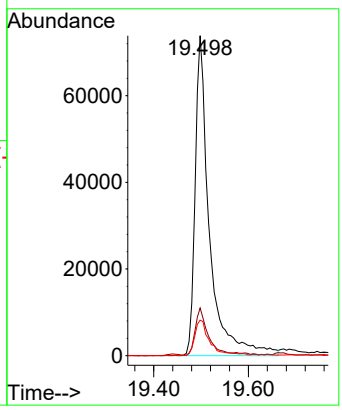


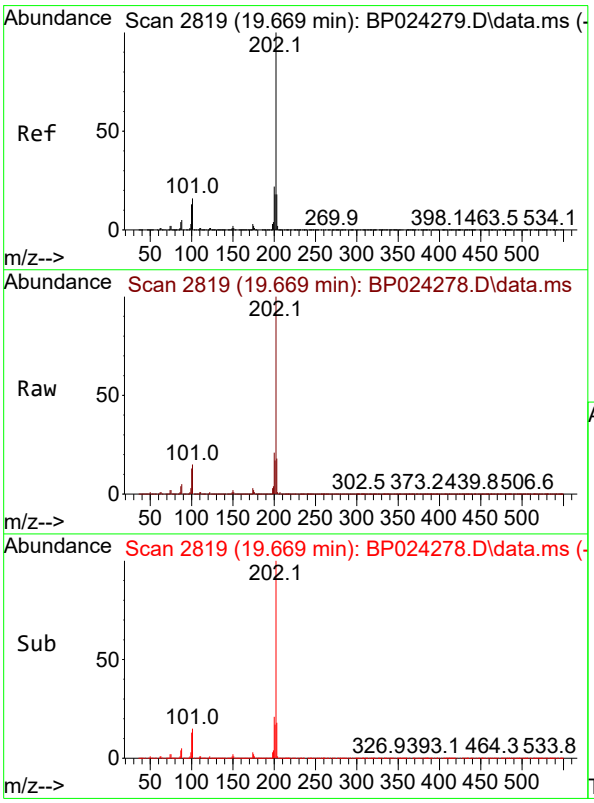
#77
Benzidine
Concen: 8.867 ng
RT: 19.498 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 154964

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.6	17.4
183	11.1	9.2	13.8

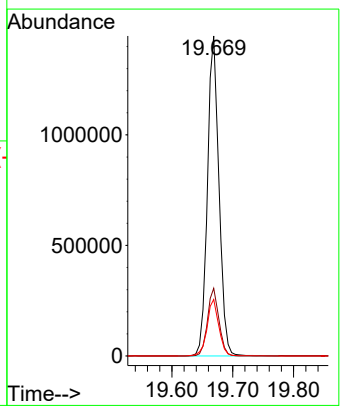


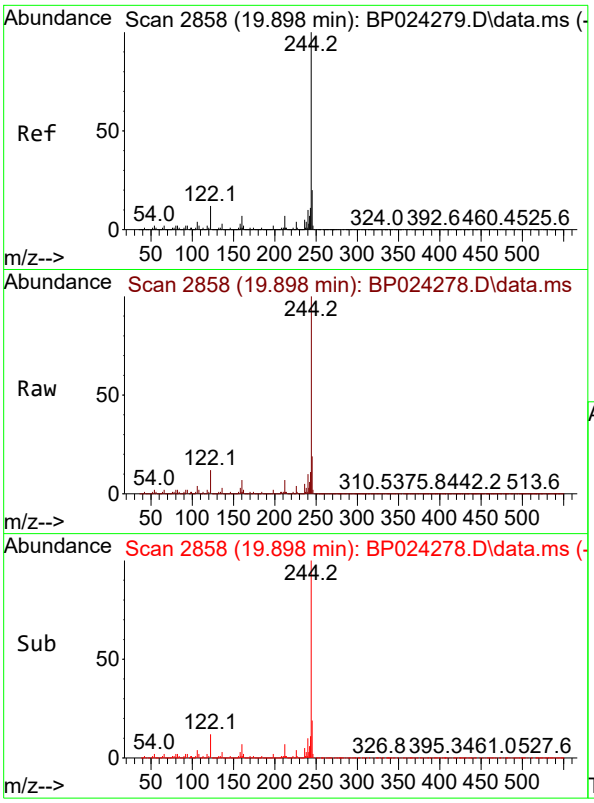


#78
Pyrene
Concen: 21.028 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:202 Resp: 1904884

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.2	25.8
203	17.6	14.4	21.6



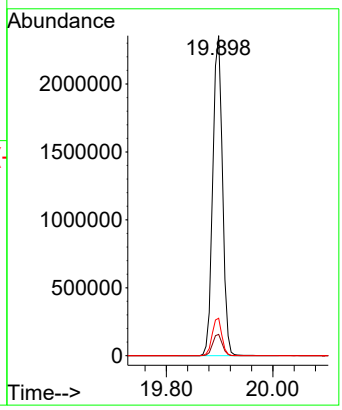


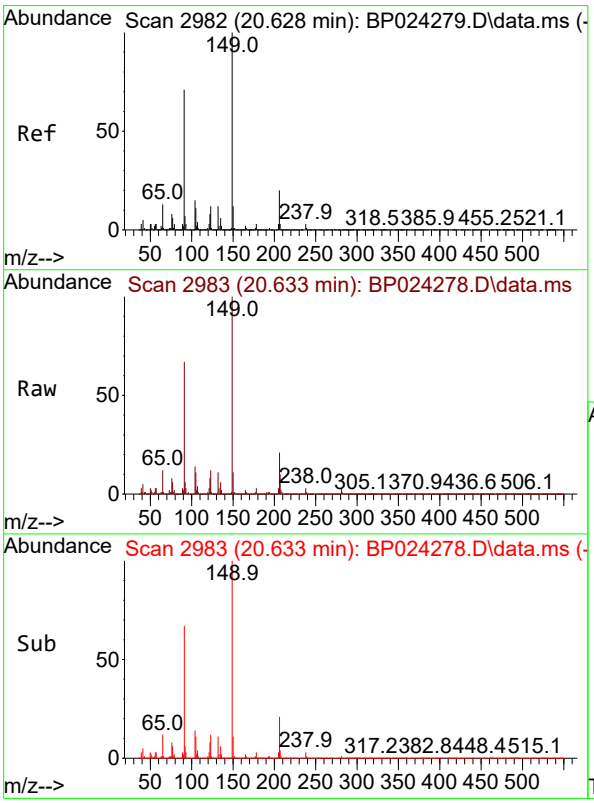
#79
Terphenyl-d14
Concen: 42.062 ng
RT: 19.898 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 2987245

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	11.7	9.4	14.0

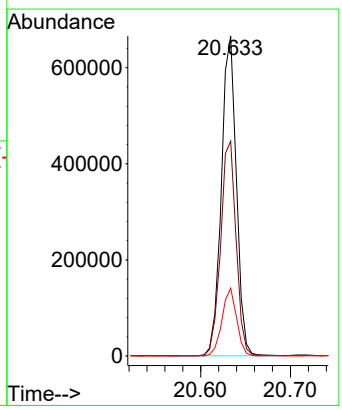


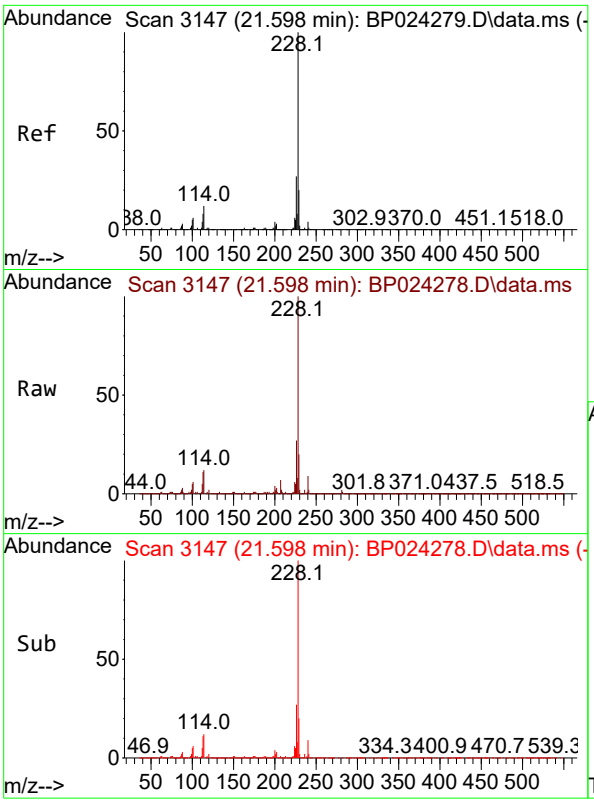


#80
Butylbenzylphthalate
Concen: 20.235 ng
RT: 20.633 min Scan# 2983
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:149 Resp: 772776

Ion	Ratio	Lower	Upper
149	100		
91	67.1	56.4	84.6
206	21.2	16.3	24.5



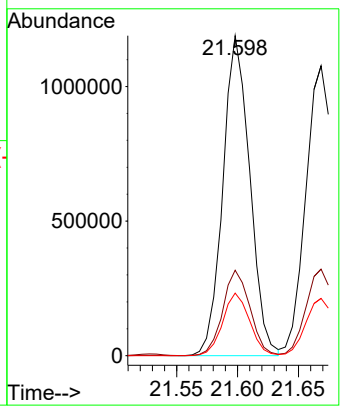


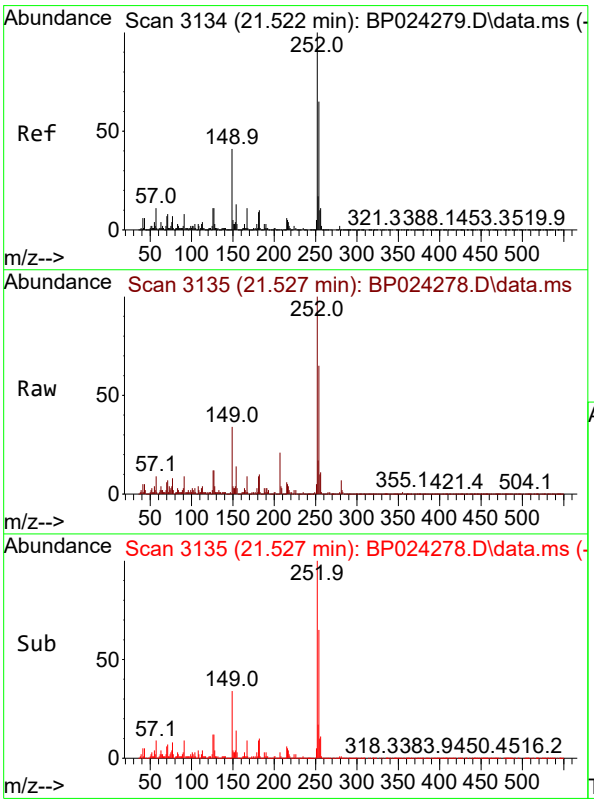
#81
Benzo(a)anthracene
Concen: 20.732 ng
RT: 21.598 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 1829798

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.8	32.8
229	19.6	15.9	23.9

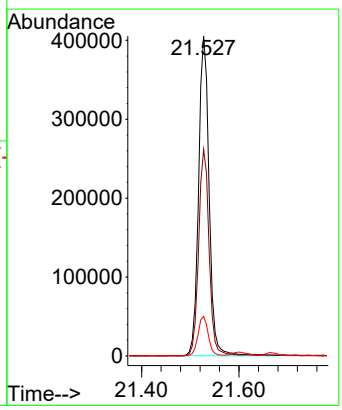


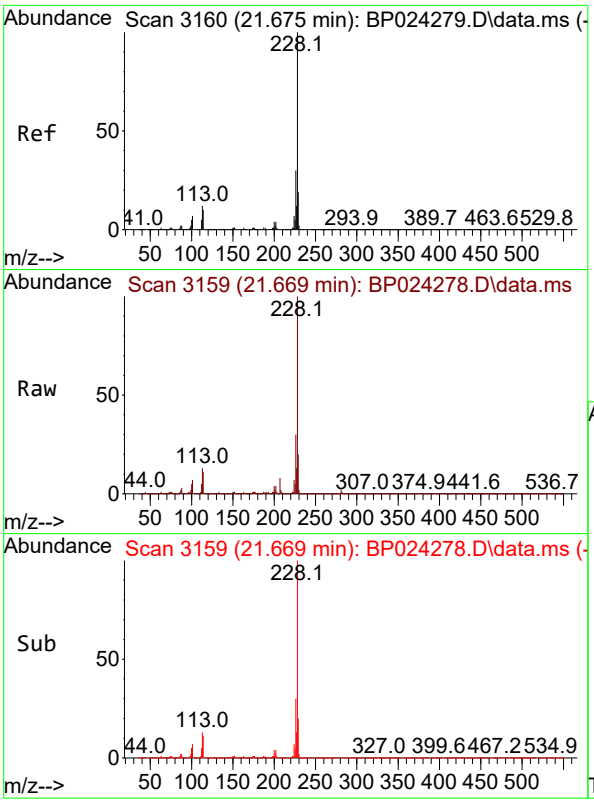


#82
3,3'-Dichlorobenzidine
Concen: 19.956 ng
RT: 21.527 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:252 Resp: 610749

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.7	77.5
126	12.4	8.8	13.2



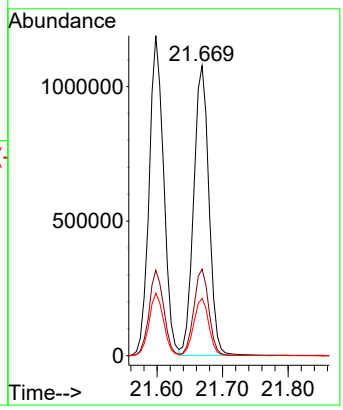


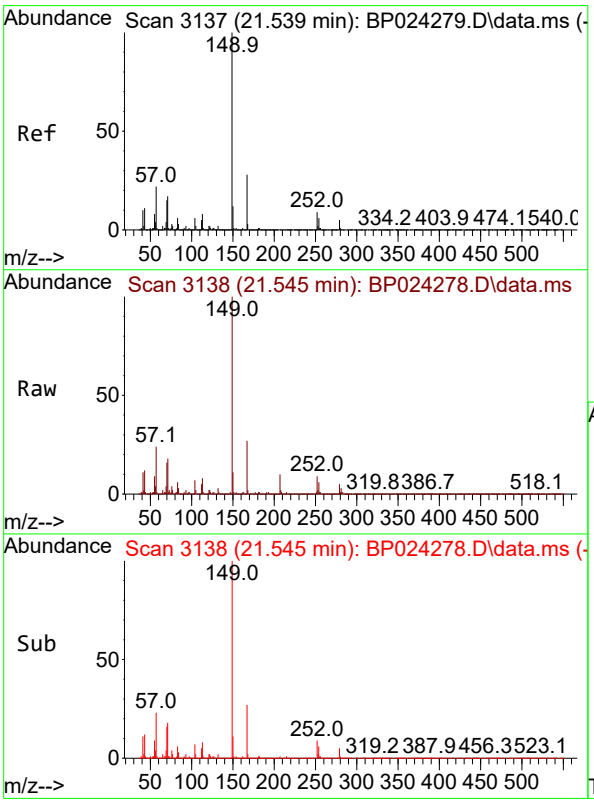
#83
Chrysene
Concen: 20.565 ng
RT: 21.669 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 1739548

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.2
229	19.8	15.6	23.4

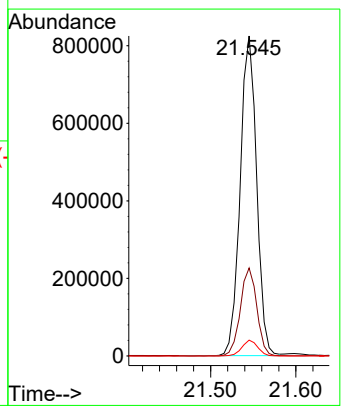


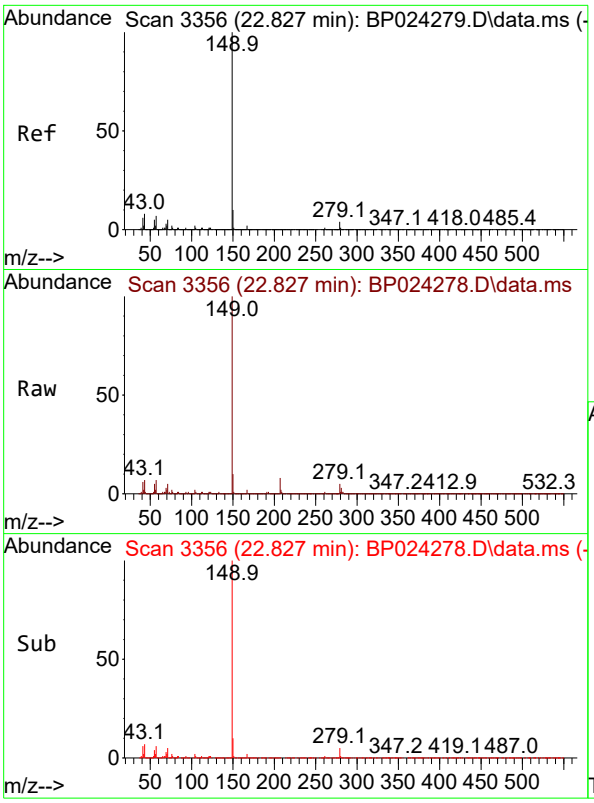


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.616 ng
RT: 21.545 min Scan# 3138
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:149 Resp: 1103263

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.4	33.6
279	4.9	4.0	6.0



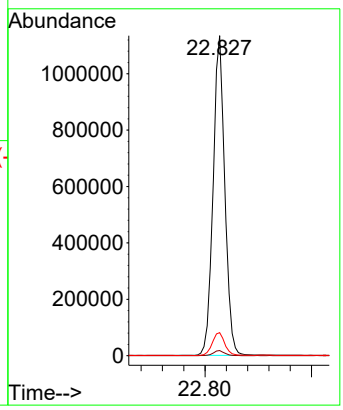


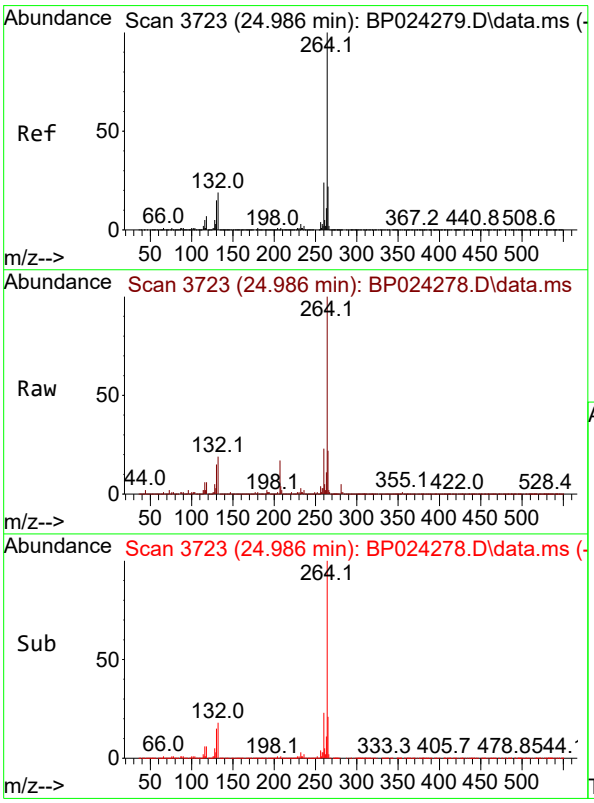
#85
Di-n-octyl phthalate
Concen: 19.207 ng
RT: 22.827 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 1730436

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.7	6.0	9.0

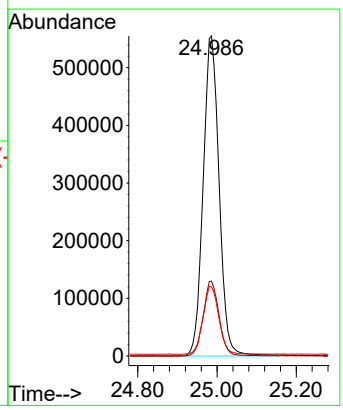


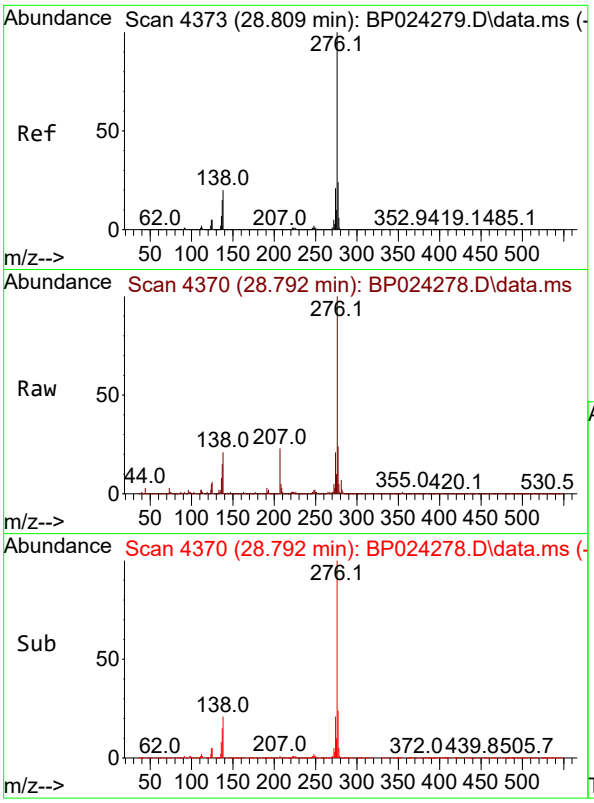


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.986 min Scan# 3723
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:264 Resp: 1549781

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.7	17.8	26.6



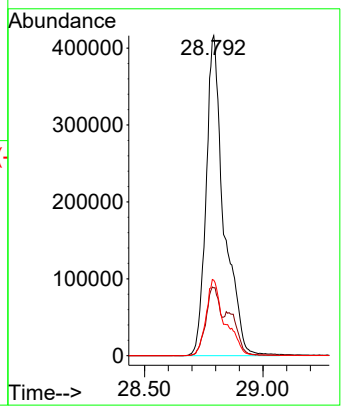


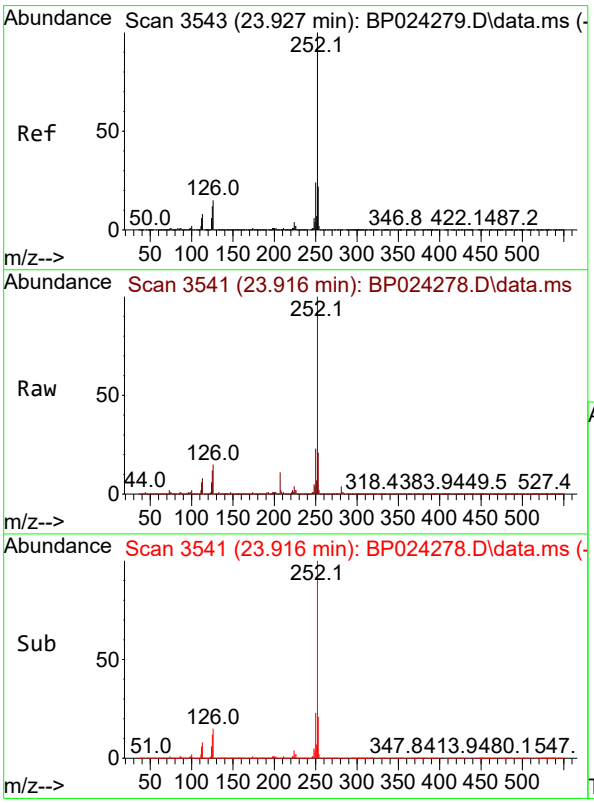
#87
Indeno(1,2,3-cd)pyrene
Concen: 20.454 ng
RT: 28.792 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 2180177

Ion	Ratio	Lower	Upper
276	100		
138	16.7	14.5	21.7
277	25.2	20.2	30.2

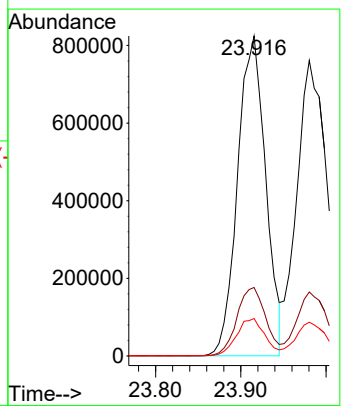


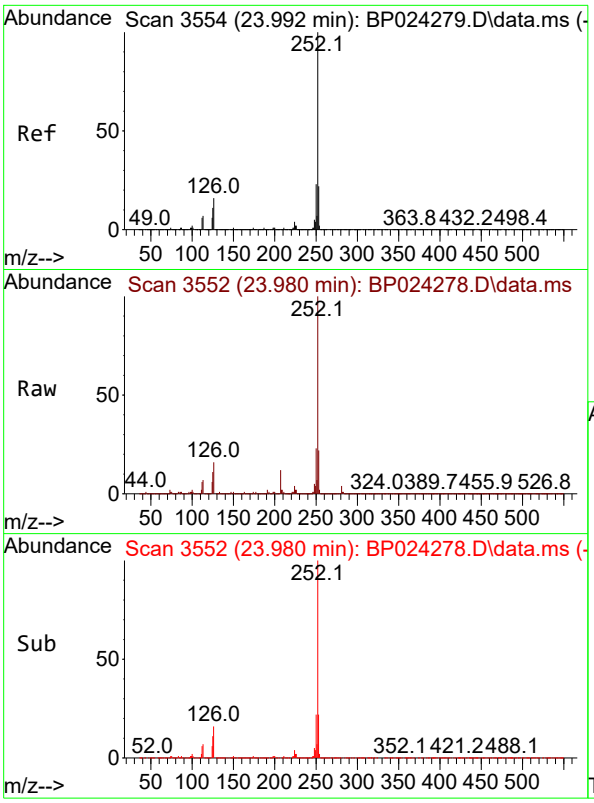


#88
Benzo(b)fluoranthene
Concen: 20.337 ng
RT: 23.916 min Scan# 3541
Delta R.T. -0.012 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:252 Resp: 1885654

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	11.7	9.4	14.0



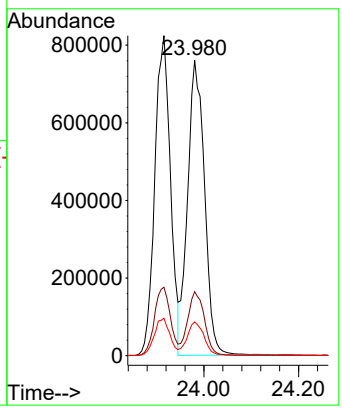


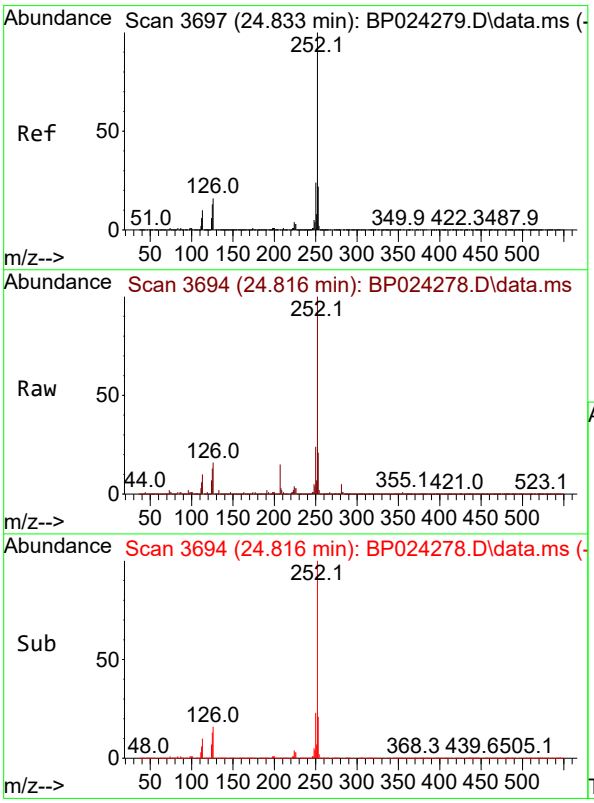
#89
Benzo(k)fluoranthene
Concen: 20.955 ng
RT: 23.980 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 1885747

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	11.4	9.1	13.7

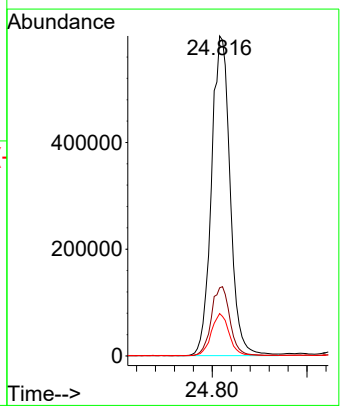


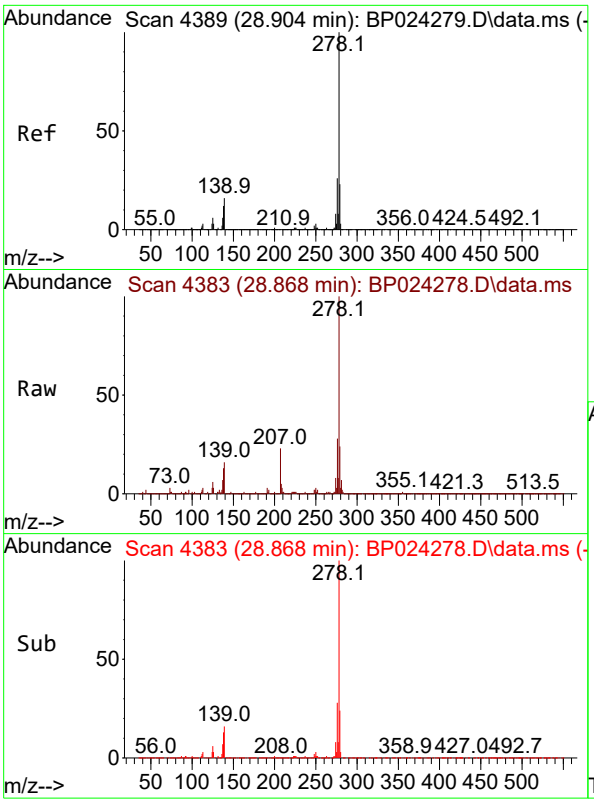


#90
Benzo(a)pyrene
Concen: 20.518 ng
RT: 24.816 min Scan# 3694
Delta R.T. -0.018 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:252 Resp: 1637648

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.6	26.4
125	13.2	10.1	15.1



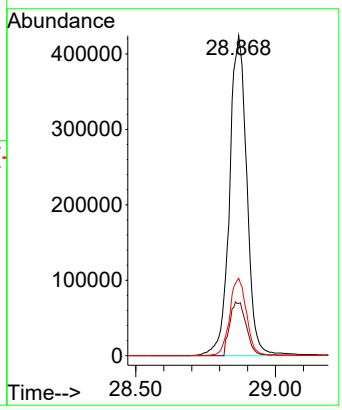


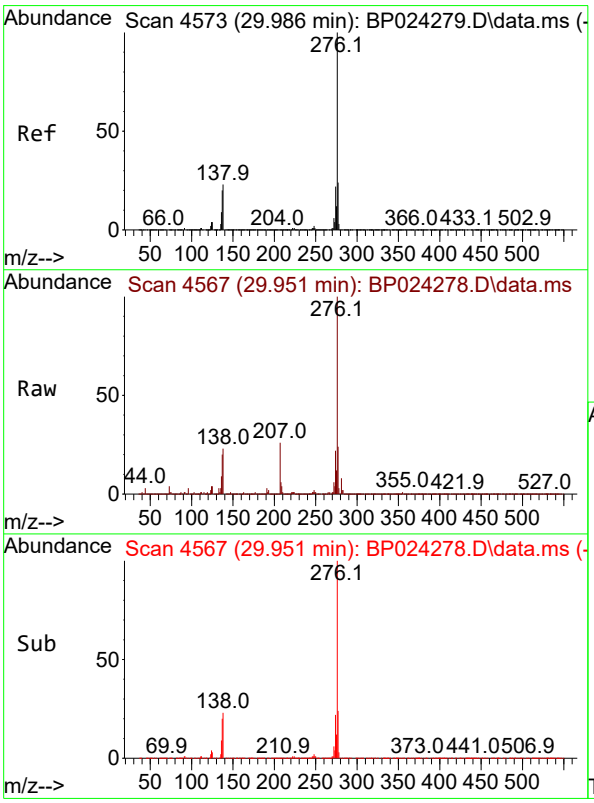
#91
Dibenzo(a,h)anthracene
Concen: 20.480 ng
RT: 28.868 min Scan# 4
Delta R.T. -0.035 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 1815743

Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.6	19.0
279	24.2	18.5	27.7

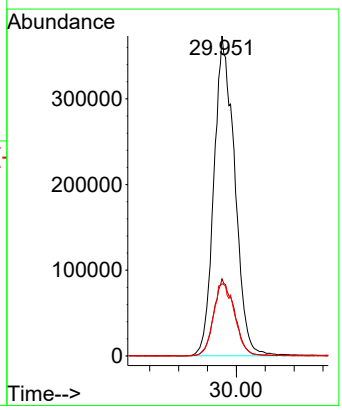




#92
Benzo(g,h,i)perylene
Concen: 20.571 ng
RT: 29.951 min Scan# 4567
Delta R.T. -0.035 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:276 Resp: 1856380

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	22.6	18.7	28.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024279.D
Acq On : 14 Apr 2025 13:49
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Apr 14 17:26:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	246363	20.000	ng	0.00
21) Naphthalene-d8	10.505	136	1046876	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	657357	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1277198	20.000	ng	0.00
76) Chrysene-d12	21.622	240	1349860	20.000	ng	0.00
86) Perylene-d12	24.986	264	1485135	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	1236220	82.813	ng	0.00
7) Phenol-d6	6.916	99	1722202	84.332	ng	0.00
23) Nitrobenzene-d5	8.875	82	1540790	83.791	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	759528	84.379	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	3591010	82.939	ng	0.00
79) Terphenyl-d14	19.898	244	5570563	82.266	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	252519	39.624	ng	100
3) Pyridine	3.693	79	687730	41.457	ng	100
4) n-Nitrosodimethylamine	3.599	42	225273	40.725	ng	100
6) Aniline	7.069	93	781907	42.413	ng	100
8) 2-Chlorophenol	7.305	128	689257	41.317	ng	100
9) Benzaldehyde	6.881	77	411846	38.937	ng	100
10) Phenol	6.940	94	862244	42.050	ng	100
11) bis(2-Chloroethyl)ether	7.164	93	688989	41.581	ng	100
12) 1,3-Dichlorobenzene	7.622	146	732329	40.516	ng	100
13) 1,4-Dichlorobenzene	7.763	146	736270	40.171	ng	100
14) 1,2-Dichlorobenzene	8.081	146	711951	40.172	ng	100
15) Benzyl Alcohol	7.969	79	570437	43.581	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.252	45	746041	41.386	ng	100
17) 2-Methylphenol	8.169	107	561621	42.503	ng	100
18) Hexachloroethane	8.799	117	266915	40.349	ng	100
19) n-Nitroso-di-n-propyla...	8.528	70	533912	42.092	ng	100
20) 3+4-Methylphenols	8.499	107	784336	42.854	ng	100
22) Acetophenone	8.546	105	1086788	41.770	ng	100
24) Nitrobenzene	8.922	77	762756	41.852	ng	100
25) Isophorone	9.440	82	1408146	42.419	ng	100
26) 2-Nitrophenol	9.628	139	383751	43.852	ng	100
27) 2,4-Dimethylphenol	9.687	122	472488	42.600	ng	100
28) bis(2-Chloroethoxy)met...	9.922	93	947250	41.926	ng	100
29) 2,4-Dichlorophenol	10.157	162	645849	42.725	ng	100
30) 1,2,4-Trichlorobenzene	10.369	180	671264	41.046	ng	100
31) Naphthalene	10.557	128	2258924	40.765	ng	100
32) Benzoic acid	9.828	122	506813	42.286	ng	100
33) 4-Chloroaniline	10.669	127	830870	42.913	ng	100
34) Hexachlorobutadiene	10.846	225	394737	41.146	ng	100
35) Caprolactam	11.452	113	234519	42.256	ng	100
36) 4-Chloro-3-methylphenol	11.793	107	747541	42.438	ng	100
37) 2-Methylnaphthalene	12.163	142	1580497	41.154	ng	100
38) 1-Methylnaphthalene	12.381	142	1530982	40.695	ng	100
40) 1,2,4,5-Tetrachloroben...	12.540	216	757748	41.945	ng	100
41) Hexachlorocyclopentadiene	12.522	237	286135	45.116	ng	100
43) 2,4,6-Trichlorophenol	12.781	196	511566	43.038	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024279.D
Acq On : 14 Apr 2025 13:49
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Apr 14 17:26:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

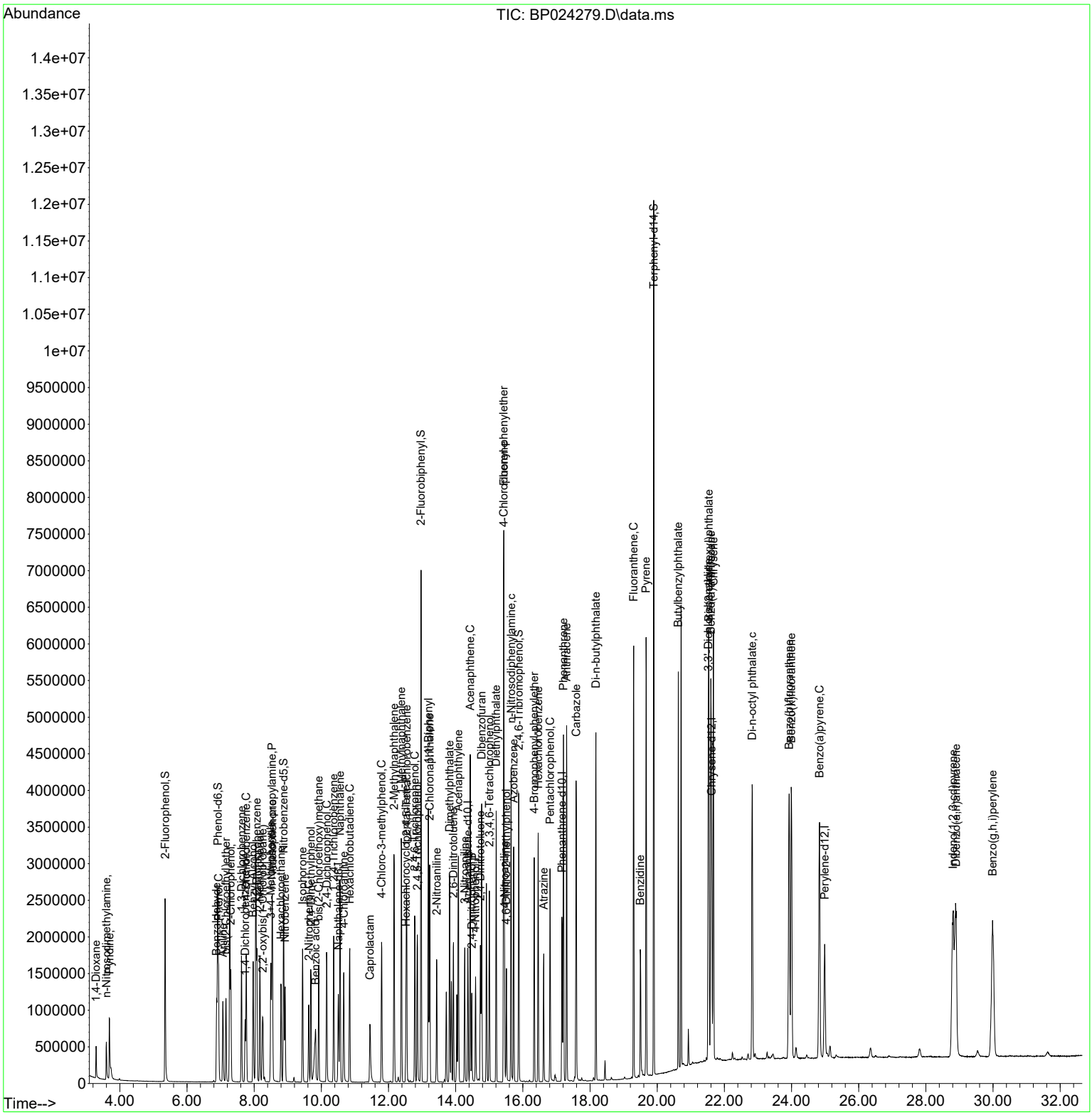
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	561631	42.637	ng	100
46) 1,1'-Biphenyl	13.187	154	2010029	41.404	ng	100
47) 2-Chloronaphthalene	13.228	162	1497152	41.328	ng	100
48) 2-Nitroaniline	13.434	65	434050	43.377	ng	100
49) Acenaphthylene	14.081	152	2384785	41.944	ng	100
50) Dimethylphthalate	13.822	163	1965142	40.976	ng	100
51) 2,6-Dinitrotoluene	13.934	165	427248	42.283	ng	100
52) Acenaphthene	14.434	154	1480526	40.947	ng	100
53) 3-Nitroaniline	14.269	138	465347	44.389	ng	100
54) 2,4-Dinitrophenol	14.481	184	244714	45.231	ng	100
55) Dibenzofuran	14.775	168	2409526	40.633	ng	100
56) 4-Nitrophenol	14.593	139	401591	44.564	ng	100
57) 2,4-Dinitrotoluene	14.734	165	588798	43.110	ng	100
58) Fluorene	15.434	166	1838264	40.150	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	511714	41.987	ng	100
60) Diethylphthalate	15.204	149	2037863	41.286	ng	100
61) 4-Chlorophenyl-phenyle...	15.428	204	894350	40.226	ng	100
62) 4-Nitroaniline	15.457	138	485622	43.693	ng	100
63) Azobenzene	15.728	77	1881773	41.392	ng	100
65) 4,6-Dinitro-2-methylph...	15.510	198	335347	44.938	ng	100
66) n-Nitrosodiphenylamine	15.651	169	1609251	42.021	ng	100
67) 4-Bromophenyl-phenylether	16.340	248	587416	42.165	ng	100
68) Hexachlorobenzene	16.457	284	692546	41.815	ng	100
69) Atrazine	16.622	200	308618	31.786	ng	100
70) Pentachlorophenol	16.810	266	499858	43.955	ng	100
71) Phenanthrene	17.210	178	2879498	41.121	ng	100
72) Anthracene	17.304	178	2838724	42.130	ng	100
73) Carbazole	17.587	167	2770072	42.242	ng	100
74) Di-n-butylphthalate	18.175	149	3571220	43.708	ng	100
75) Fluoranthene	19.298	202	3441282	41.404	ng	100
77) Benzidine	19.498	184	1178258	70.714	ng	100
78) Pyrene	19.669	202	3523104	40.790	ng	100
80) Butylbenzylphthalate	20.628	149	1607881	44.158	ng	100
81) Benzo(a)anthracene	21.598	228	3489938	41.472	ng	100
82) 3,3'-Dichlorobenzidine	21.522	252	1311770	44.953	ng	100
83) Chrysene	21.675	228	3274153	40.596	ng	100
84) Bis(2-ethylhexyl)phtha...	21.539	149	2411998	44.979	ng	100
85) Di-n-octyl phthalate	22.827	149	3943939	45.913	ng	100
87) Indeno(1,2,3-cd)pyrene	28.809	276	4288630	41.987	ng	100
88) Benzo(b)fluoranthene	23.927	252	3737035	42.058	ng	100
89) Benzo(k)fluoranthene	23.992	252	3600626	41.753	ng	100
90) Benzo(a)pyrene	24.833	252	3240684	42.369	ng	100
91) Dibenzo(a,h)anthracene	28.904	278	3573562	42.061	ng	100
92) Benzo(g,h,i)perylene	29.986	276	3617069	41.826	ng	100

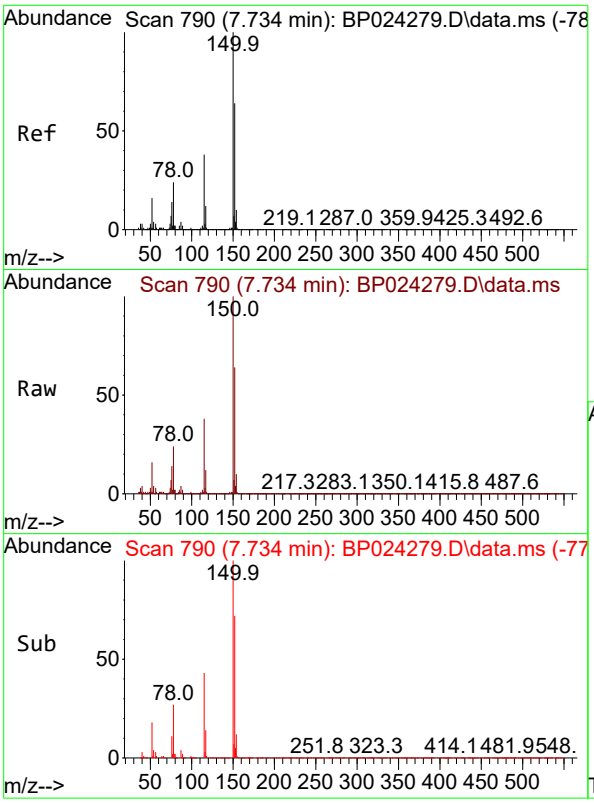
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024279.D
Acq On : 14 Apr 2025 13:49
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Apr 14 17:26:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration



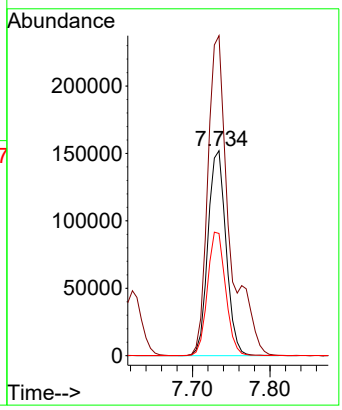


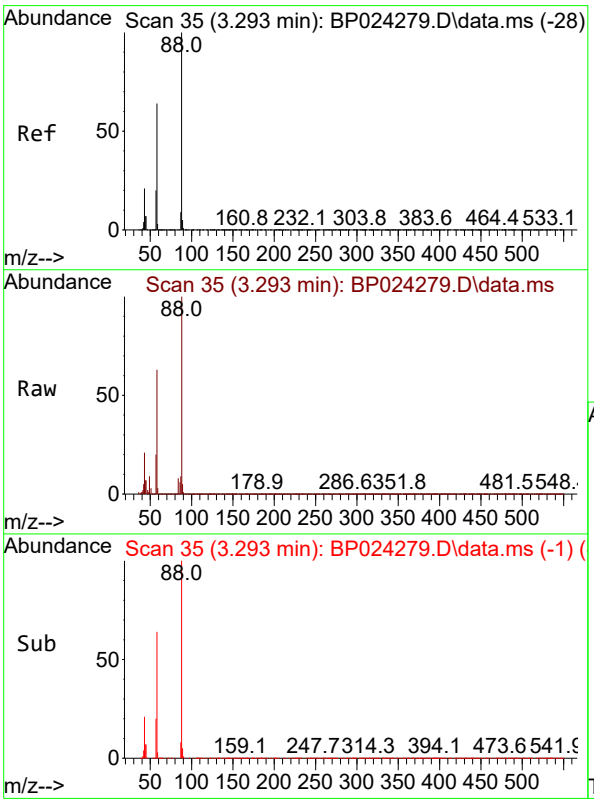
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 246363

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.9	187.3
115	59.6	47.7	71.5

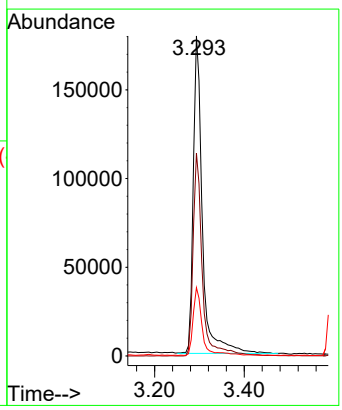


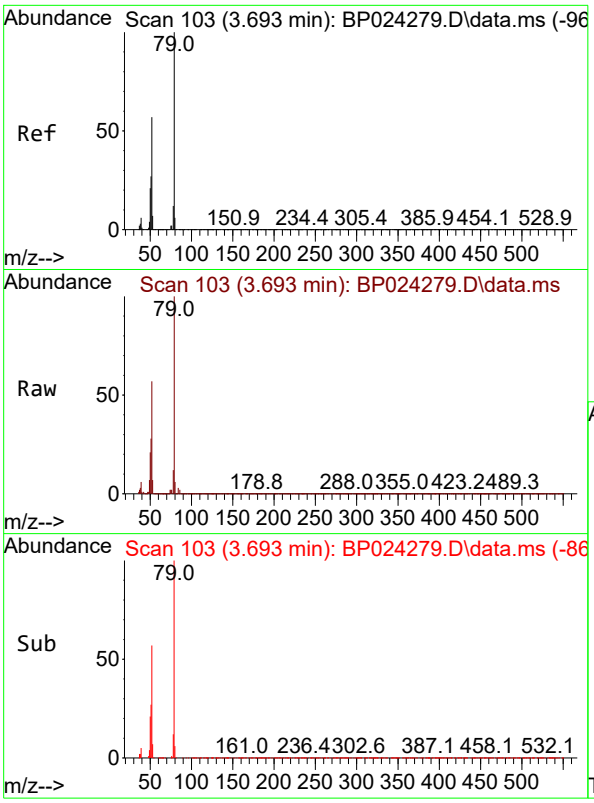


#2
1,4-Dioxane
Concen: 39.624 ng
RT: 3.293 min Scan# 35
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion: 88 Resp: 252519

Ion	Ratio	Lower	Upper
88	100		
58	64.3	51.4	77.2
43	21.4	17.1	25.7



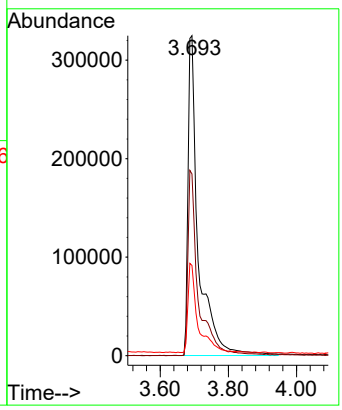


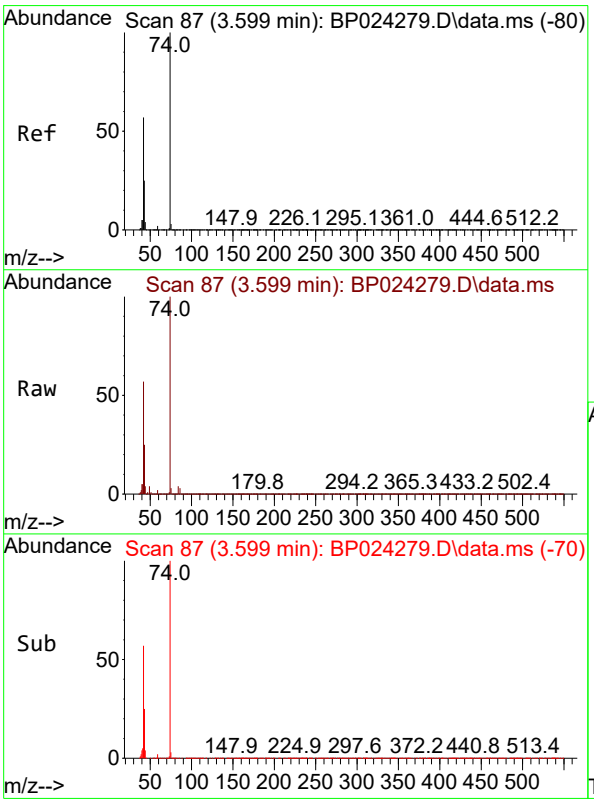
#3
Pyridine
Concen: 41.457 ng
RT: 3.693 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 687730

Ion	Ratio	Lower	Upper
79	100		
52	56.8	45.4	68.2
51	28.2	22.6	33.8

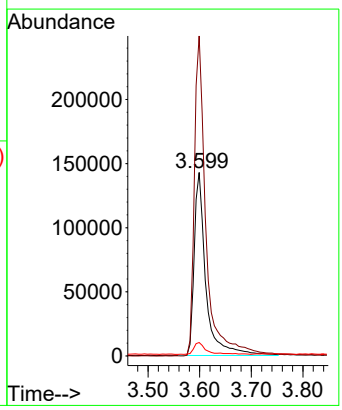


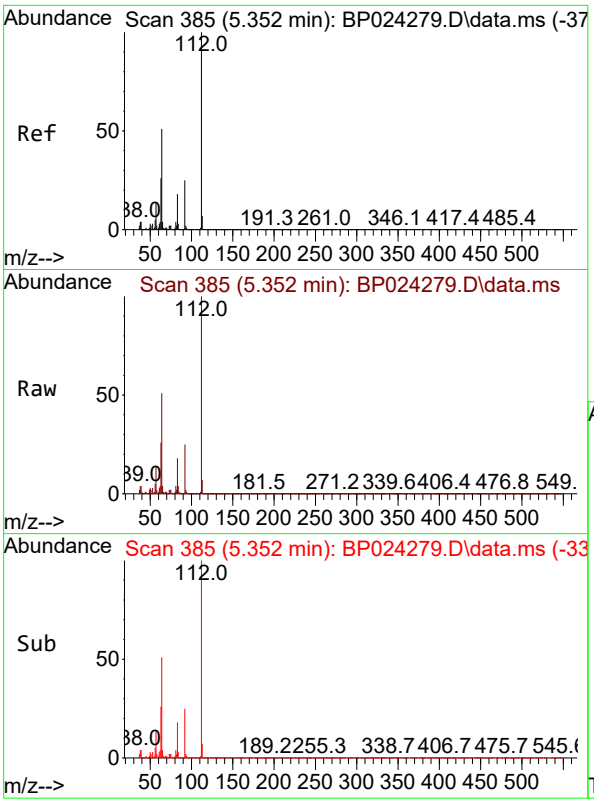


#4
n-Nitrosodimethylamine
Concen: 40.725 ng
RT: 3.599 min Scan# 87
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion: 42 Resp: 225273

Ion	Ratio	Lower	Upper
42	100		
74	174.4	139.5	209.3
44	7.3	5.8	8.8



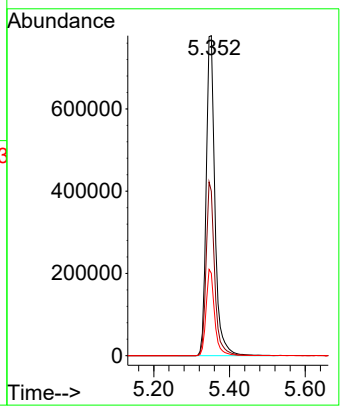


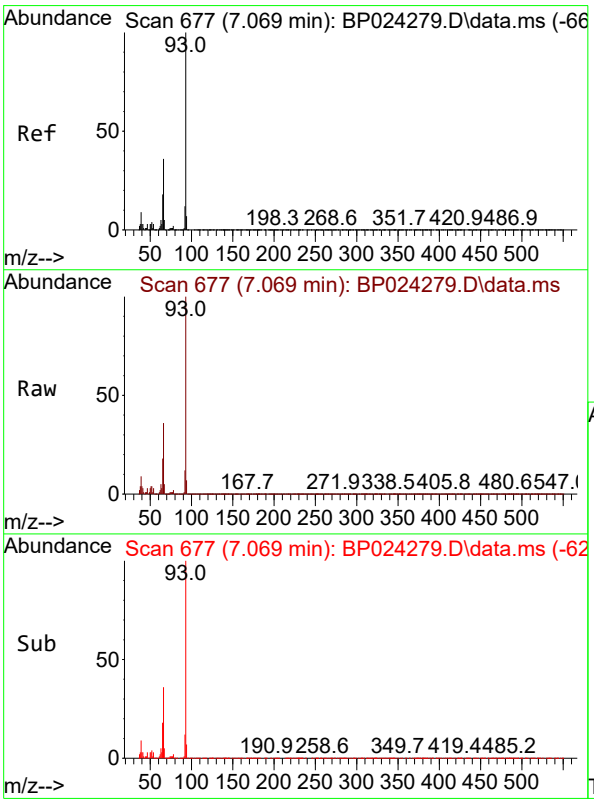
#5
2-Fluorophenol
Concen: 82.813 ng
RT: 5.352 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 1236220

Ion	Ratio	Lower	Upper
112	100		
64	51.4	41.1	61.7
63	25.7	20.6	30.8

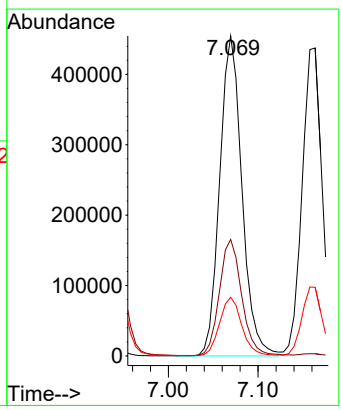


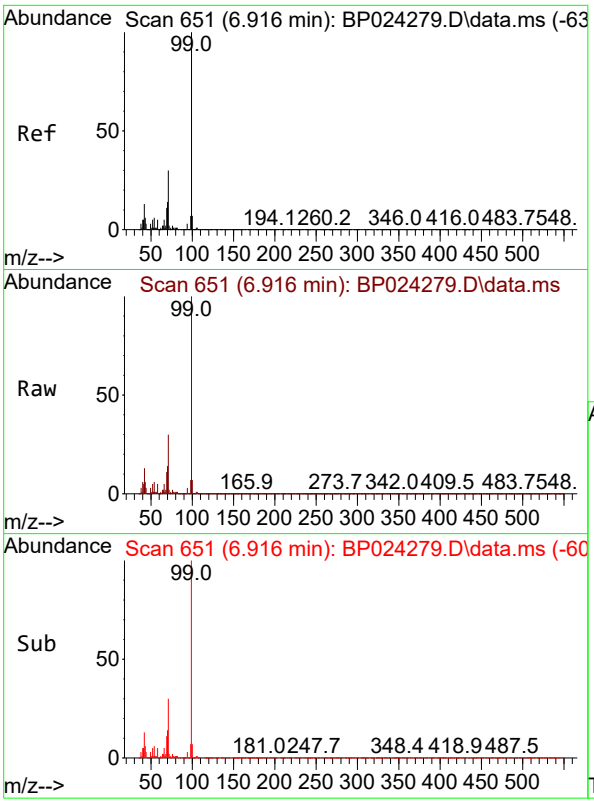


#6
Aniline
Concen: 42.413 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion: 93 Resp: 781907

Ion	Ratio	Lower	Upper
93	100		
66	36.4	29.1	43.7
65	18.4	14.7	22.1



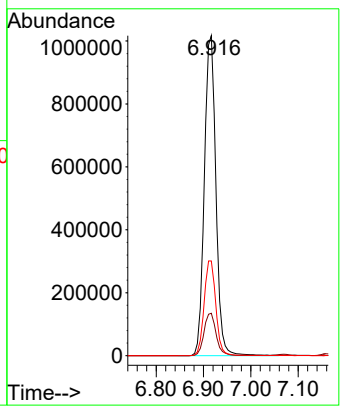


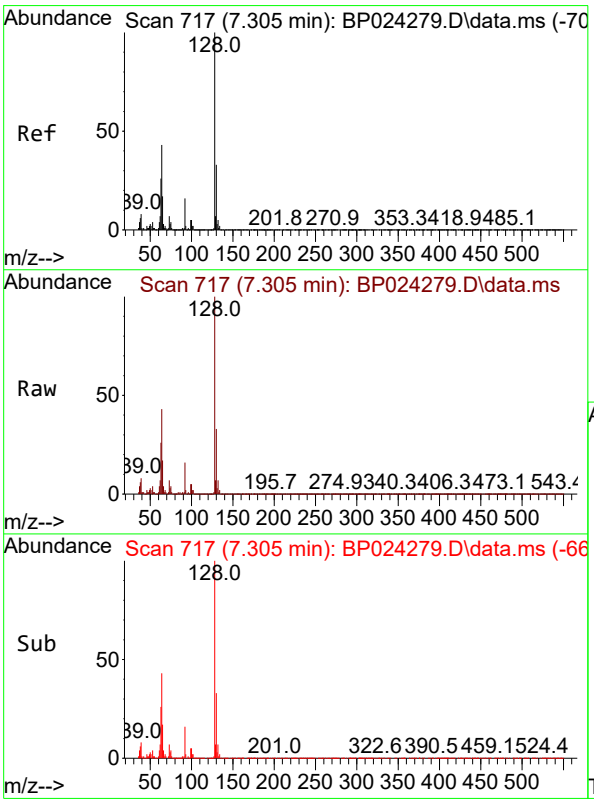
#7
Phenol-d6
Concen: 84.332 ng
RT: 6.916 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 1722202

Ion	Ratio	Lower	Upper
99	100		
42	13.3	10.6	16.0
71	29.6	23.7	35.5

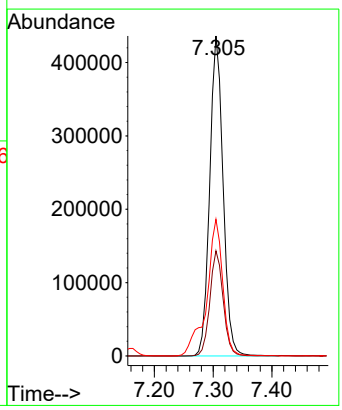


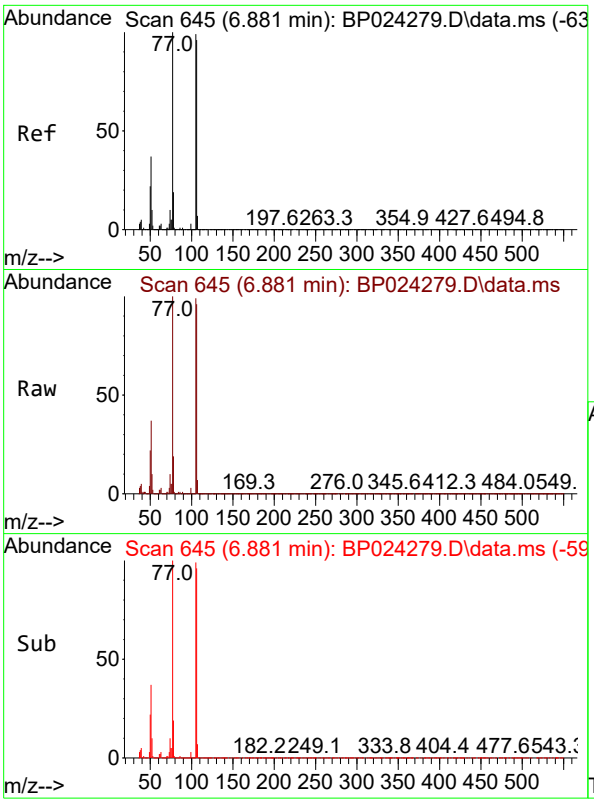


#8
2-Chlorophenol
Concen: 41.317 ng
RT: 7.305 min Scan# 717
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:128 Resp: 689257

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	42.7	22.7	62.7



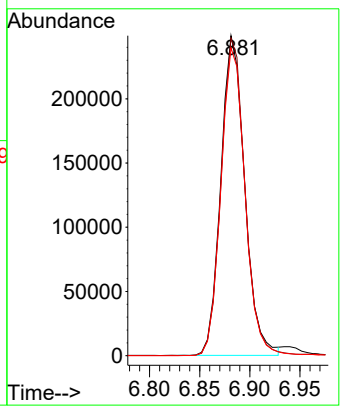


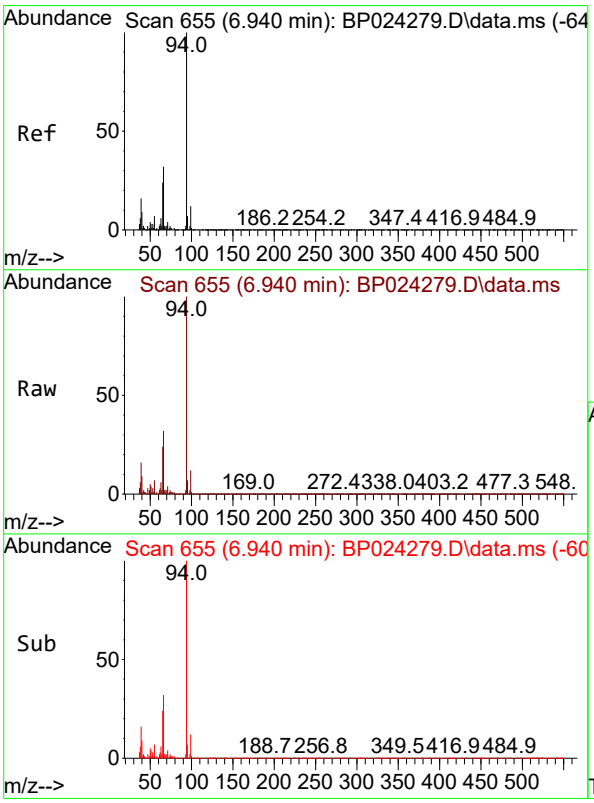
#9
Benzaldehyde
Concen: 38.937 ng
RT: 6.881 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 411846

Ion	Ratio	Lower	Upper
77	100		
105	99.2	79.2	119.2
106	96.2	76.2	116.2

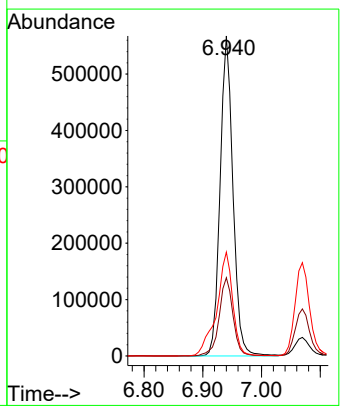


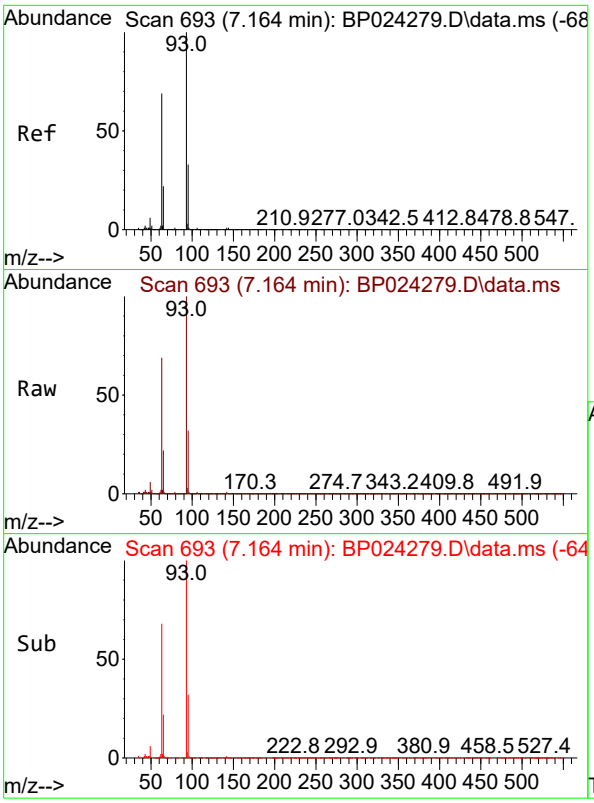


#10
Phenol
Concen: 42.050 ng
RT: 6.940 min Scan# 655
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion: 94 Resp: 862244

Ion	Ratio	Lower	Upper
94	100		
65	24.5	4.5	44.5
66	32.4	12.4	52.4



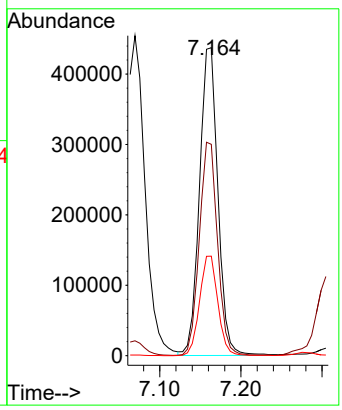


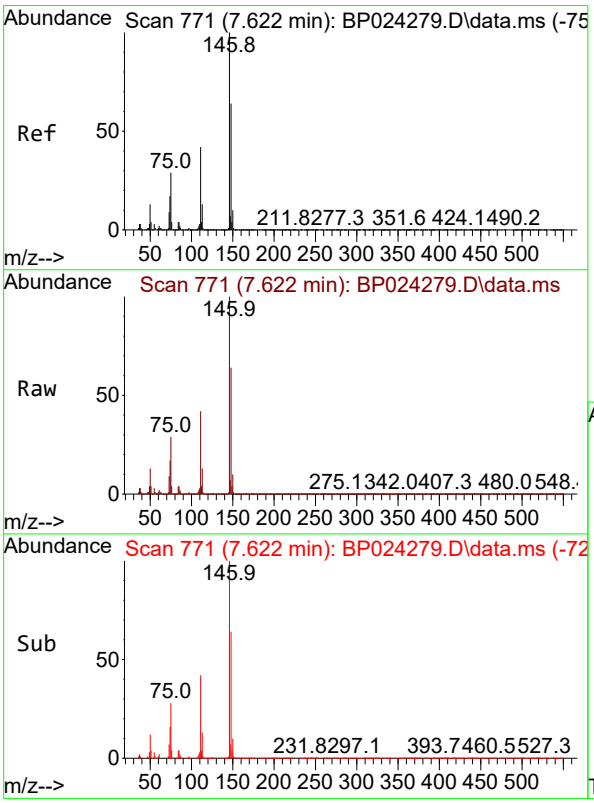
#11
bis(2-Chloroethyl)ether
Concen: 41.581 ng
RT: 7.164 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 688989

Ion	Ratio	Lower	Upper
93	100		
63	68.6	48.6	88.6
95	32.3	12.3	52.3

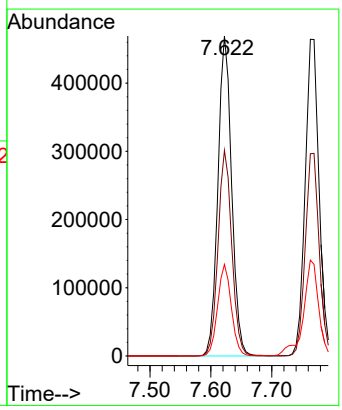


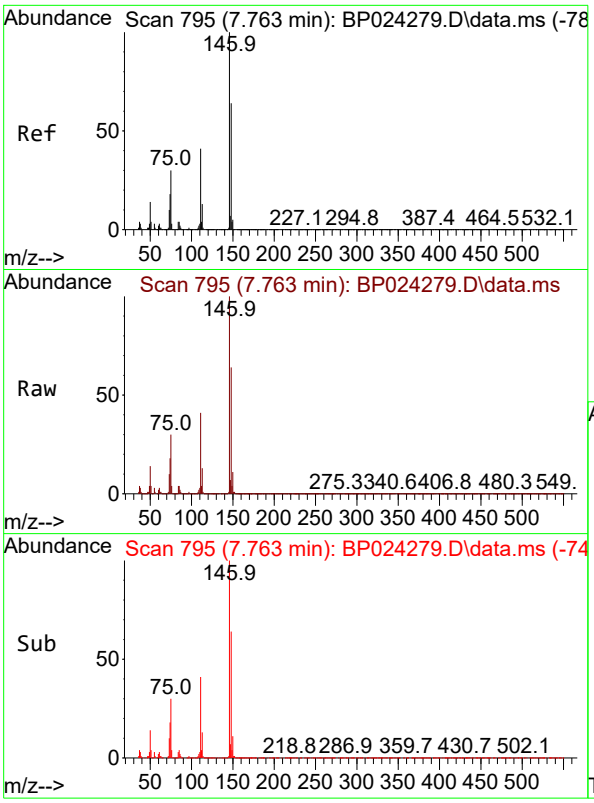


#12
1,3-Dichlorobenzene
Concen: 40.516 ng
RT: 7.622 min Scan# 771
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:146 Resp: 732329

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
75	28.6	22.9	34.3



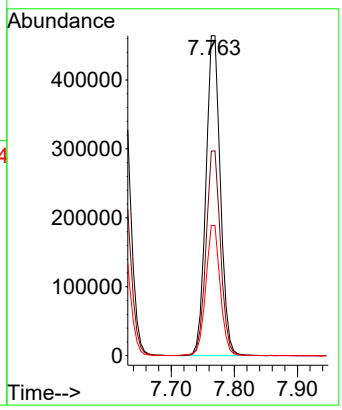


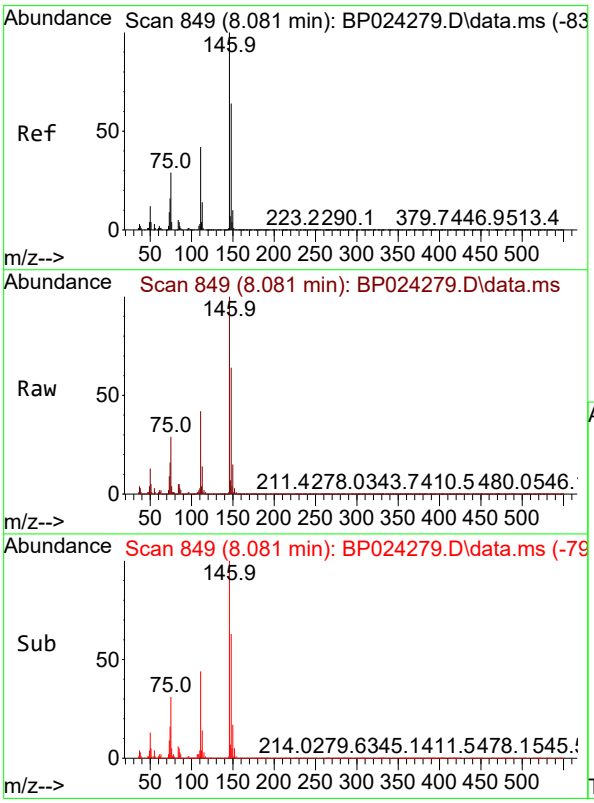
#13
1,4-Dichlorobenzene
Concen: 40.171 ng
RT: 7.763 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 736270

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	40.7	32.6	48.8

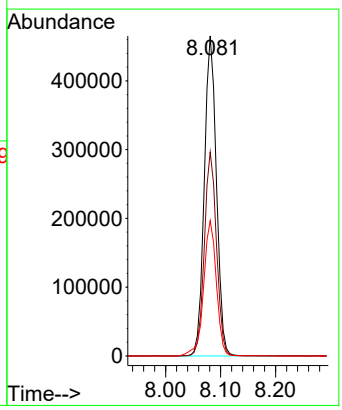


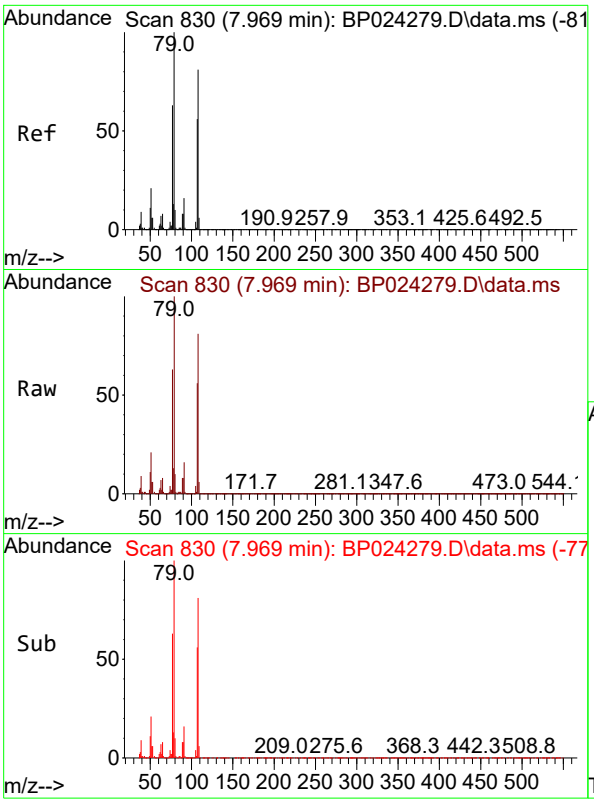


#14
1,2-Dichlorobenzene
Concen: 40.172 ng
RT: 8.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:146 Resp: 711951

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.4
111	42.3	33.8	50.8



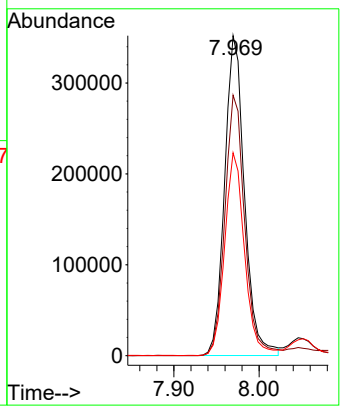


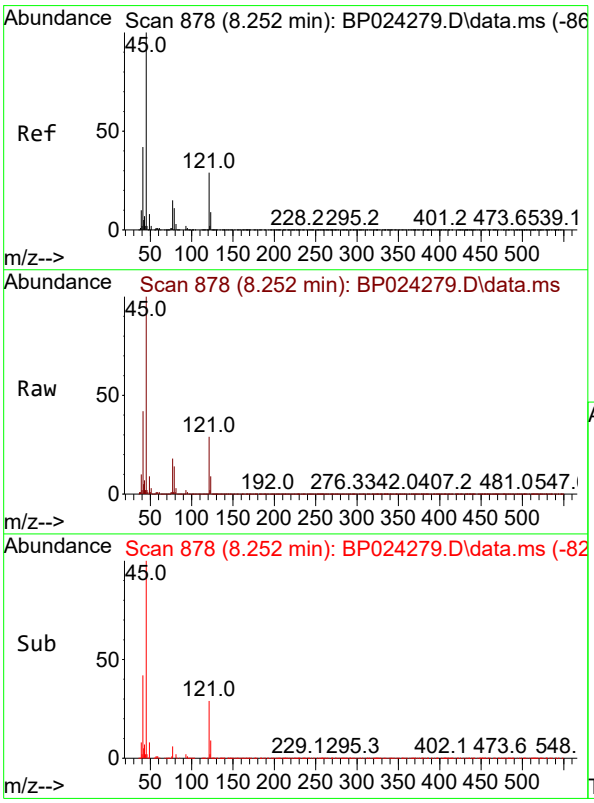
#15
Benzyl Alcohol
Concen: 43.581 ng
RT: 7.969 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 570437

Ion	Ratio	Lower	Upper
79	100		
108	81.4	65.1	97.7
77	63.4	50.7	76.1

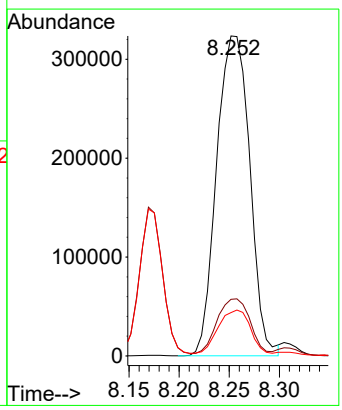


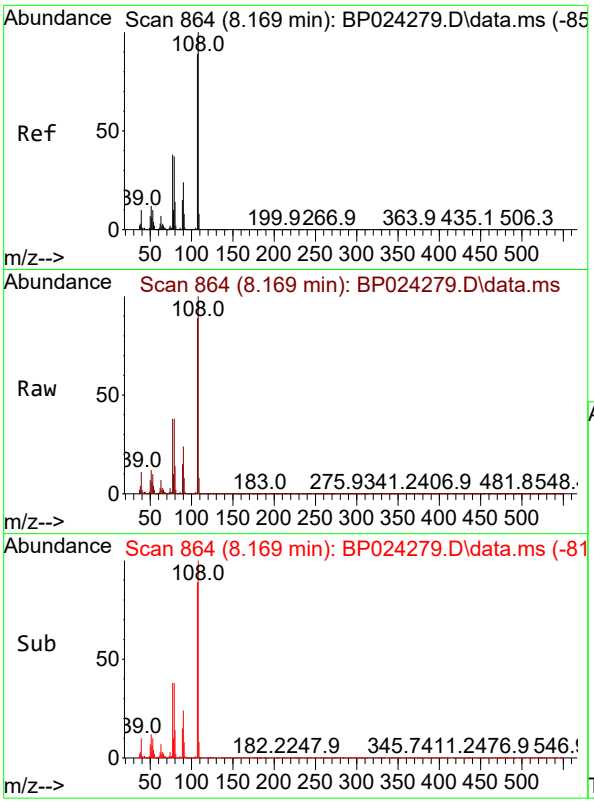


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.386 ng
RT: 8.252 min Scan# 878
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion: 45 Resp: 746041

Ion	Ratio	Lower	Upper
45	100		
77	17.7	0.0	37.7
79	13.5	0.0	33.5



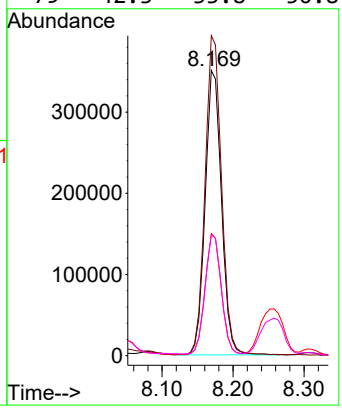


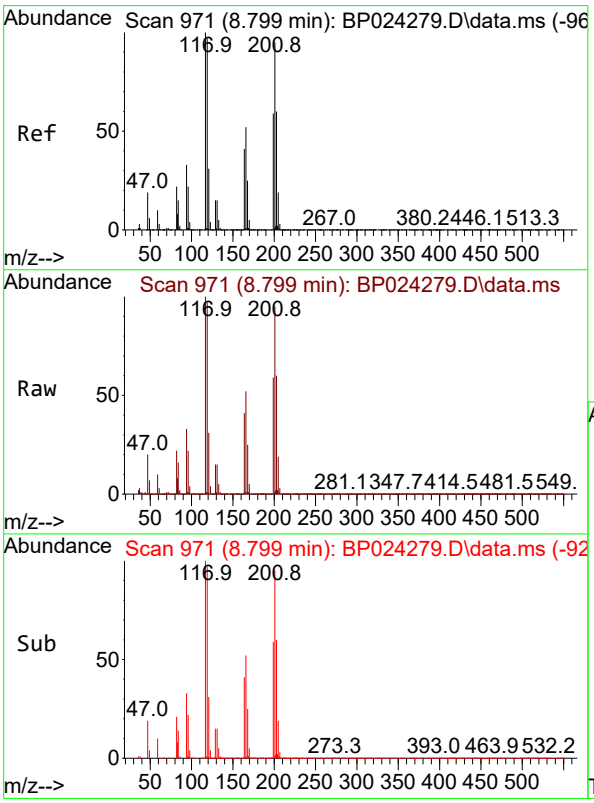
#17
2-Methylphenol
Concen: 42.503 ng
RT: 8.169 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 561621

Ion	Ratio	Lower	Upper
107	100		
108	112.2	89.8	134.6
77	42.8	34.2	51.4
79	42.3	33.8	50.8

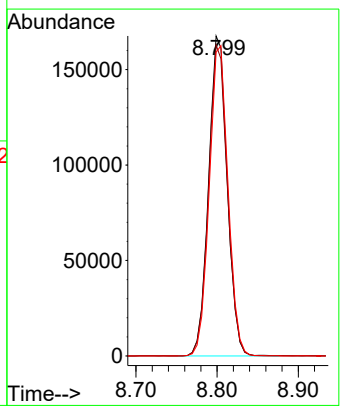


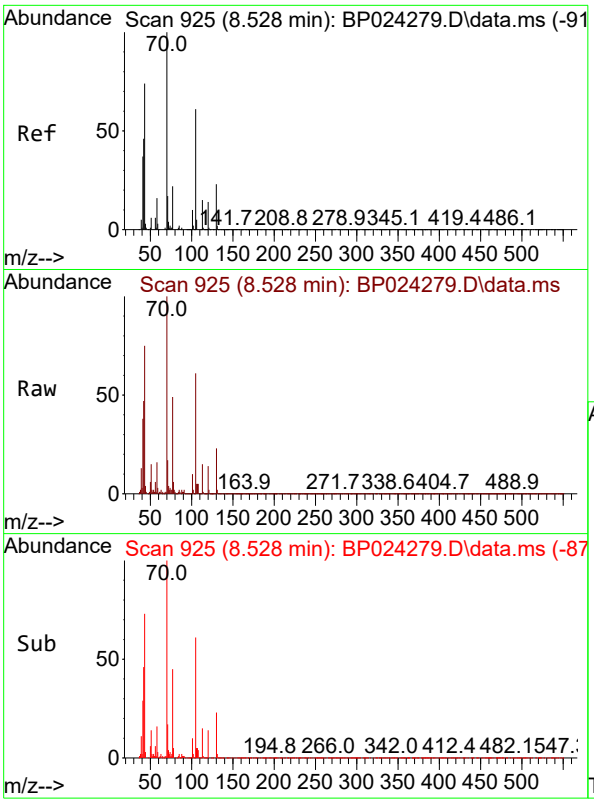


#18
Hexachloroethane
Concen: 40.349 ng
RT: 8.799 min Scan# 971
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:117 Resp: 266915

Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.8	116.6
201	94.9	75.9	113.9



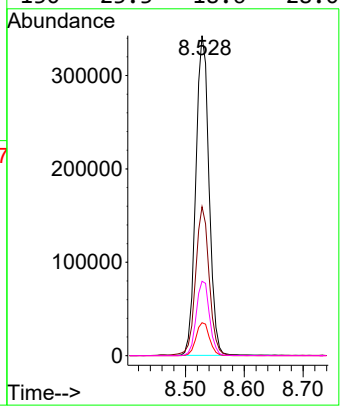


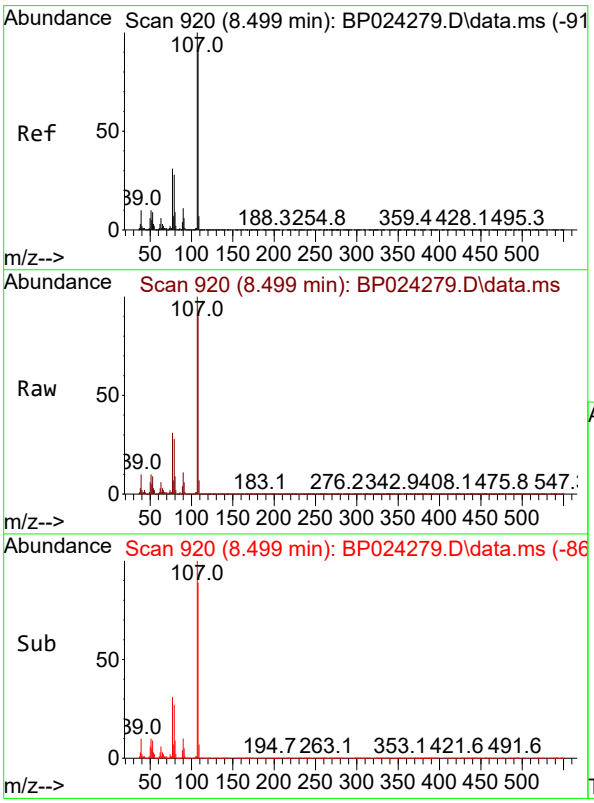
#19
n-Nitroso-di-n-propylamine
Concen: 42.092 ng
RT: 8.528 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 533912

Ion	Ratio	Lower	Upper
70	100		
42	46.6	37.3	55.9
101	10.3	8.2	12.4
130	23.3	18.6	28.0

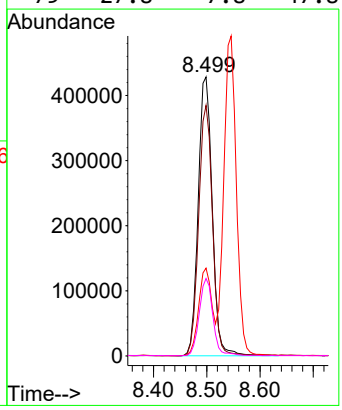


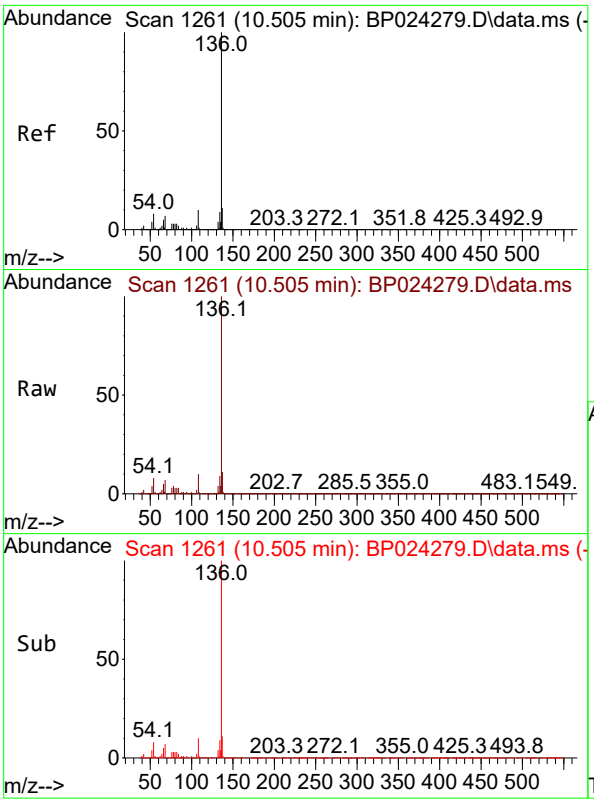


#20
3+4-Methylphenols
Concen: 42.854 ng
RT: 8.499 min Scan# 920
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:107 Resp: 784336

Ion	Ratio	Lower	Upper
107	100		
108	89.8	69.8	109.8
77	31.5	11.5	51.5
79	27.8	7.8	47.8



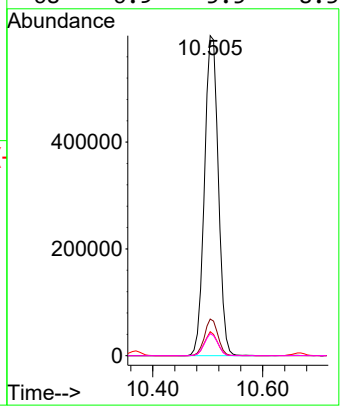


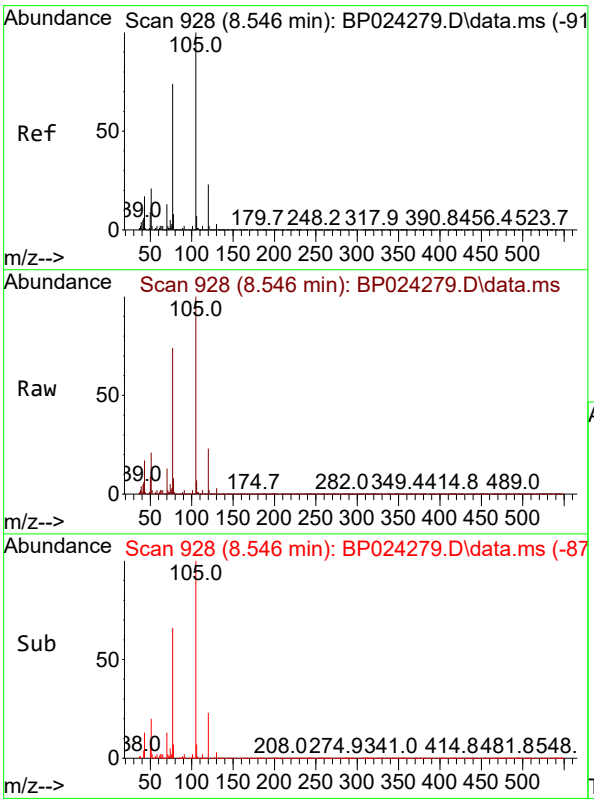
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 1046876

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	7.5	6.0	9.0
68	6.9	5.5	8.3

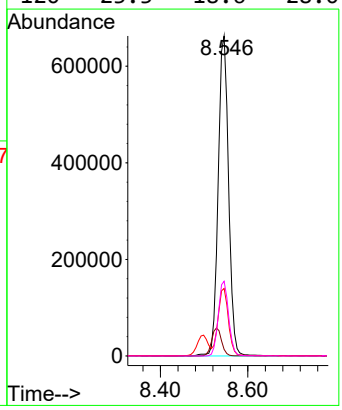


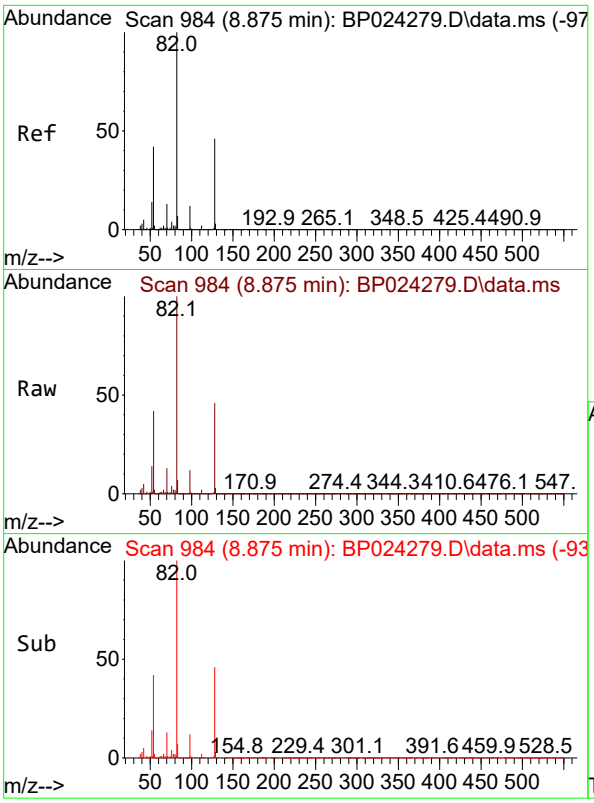


#22
Acetophenone
Concen: 41.770 ng
RT: 8.546 min Scan# 928
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:105 Resp: 1086788

Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.7	2.5
51	21.1	16.9	25.3
120	23.3	18.6	28.0



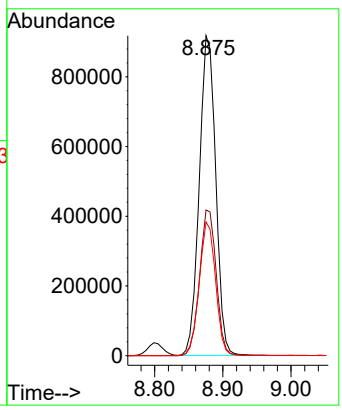


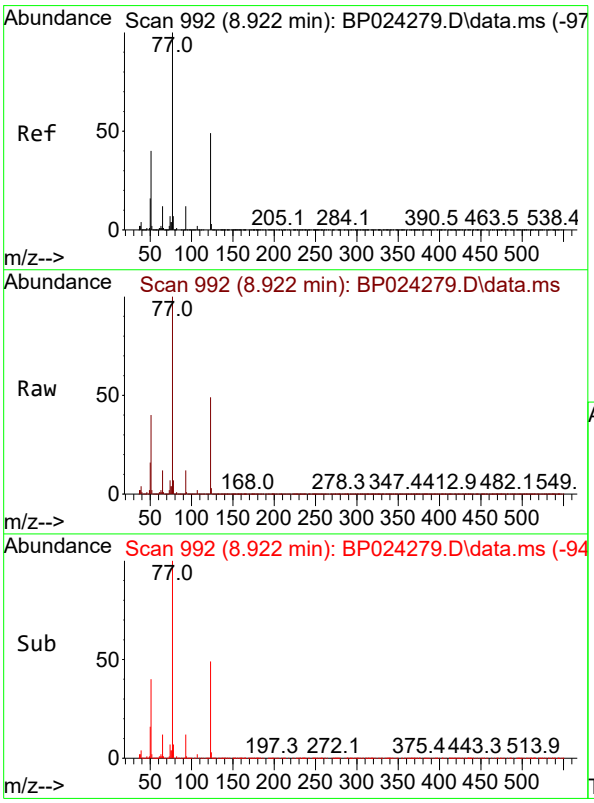
#23
Nitrobenzene-d5
Concen: 83.791 ng
RT: 8.875 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1540790

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.5	54.7
54	41.8	33.4	50.2

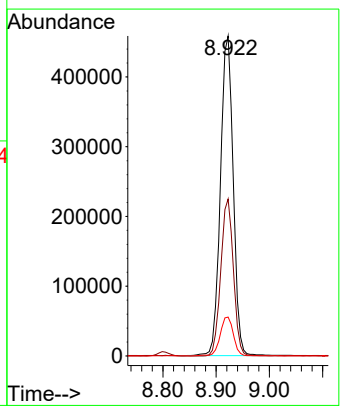


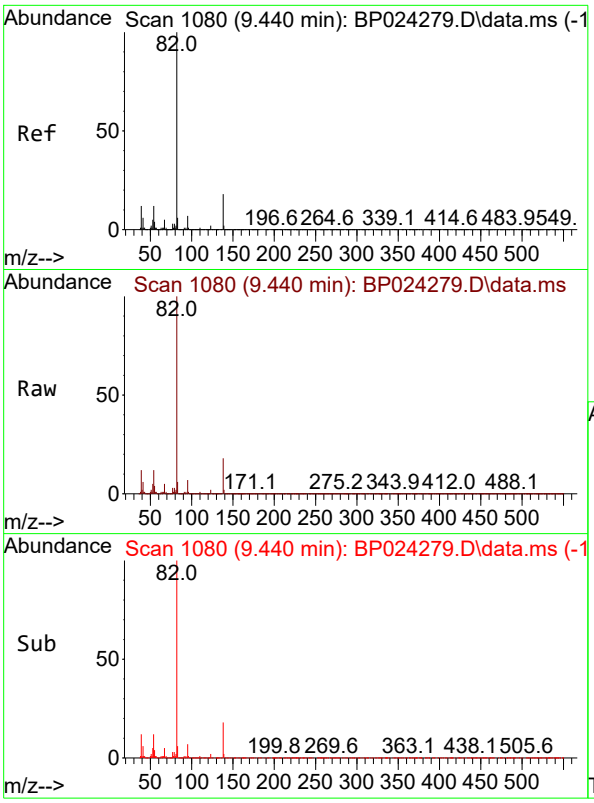


#24
Nitrobenzene
Concen: 41.852 ng
RT: 8.922 min Scan# 992
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion: 77 Resp: 762756

Ion	Ratio	Lower	Upper
77	100		
123	49.0	39.2	58.8
65	12.2	9.8	14.6



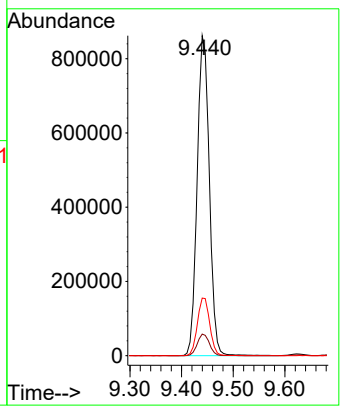


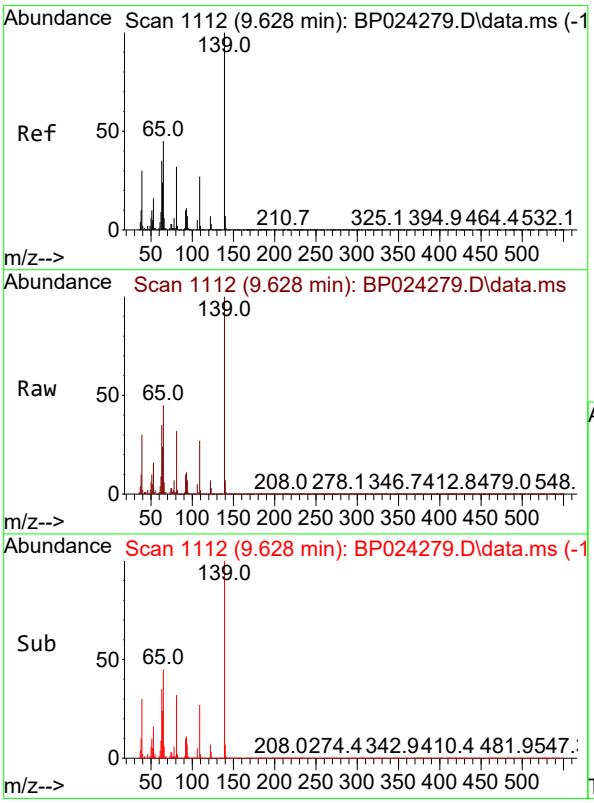
#25
Isophorone
Concen: 42.419 ng
RT: 9.440 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1408146

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	18.0	14.4	21.6

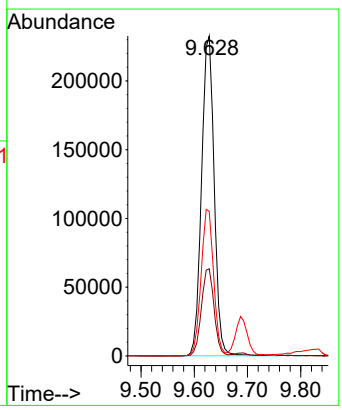


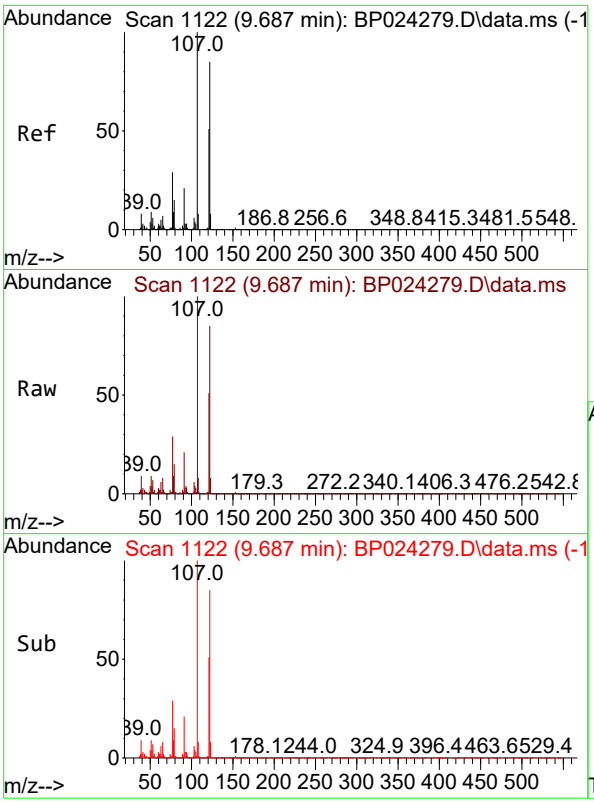


#26
2-Nitrophenol
Concen: 43.852 ng
RT: 9.628 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:139 Resp: 383751

Ion	Ratio	Lower	Upper
139	100		
109	27.2	21.8	32.6
65	45.2	36.2	54.2



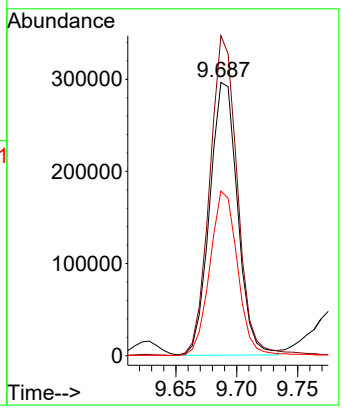


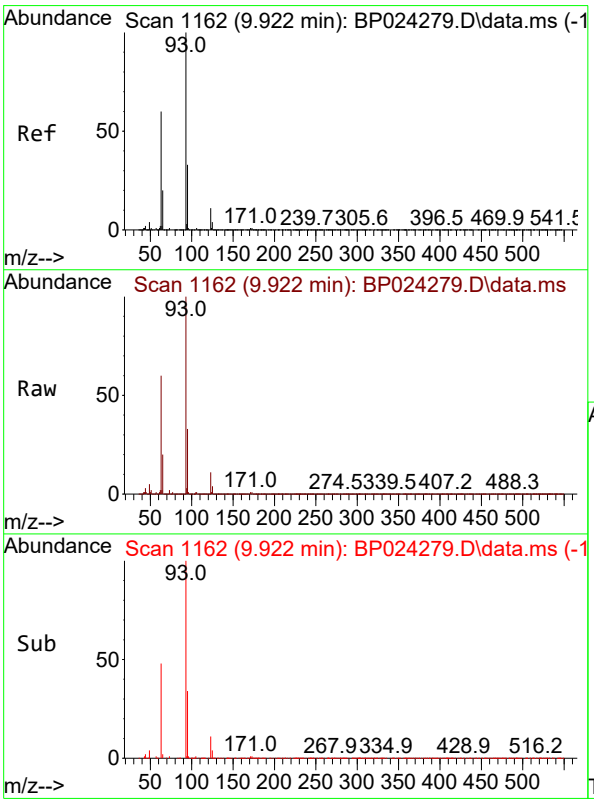
#27
2,4-Dimethylphenol
Concen: 42.600 ng
RT: 9.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 472488

Ion	Ratio	Lower	Upper
122	100		
107	117.1	93.7	140.5
121	60.2	48.2	72.2

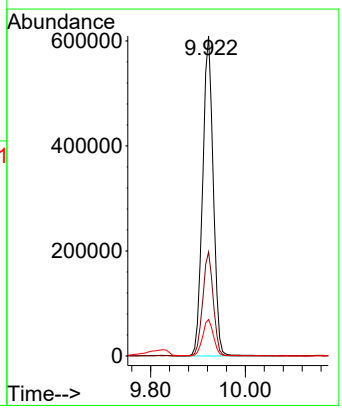


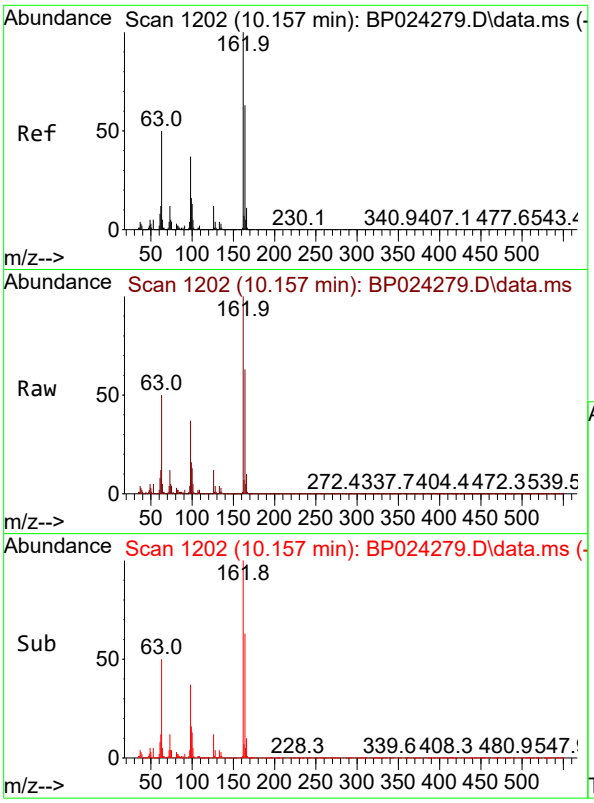


#28
bis(2-Chloroethoxy)methane
Concen: 41.926 ng
RT: 9.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion: 93 Resp: 947250

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.0	39.0
123	11.4	9.1	13.7



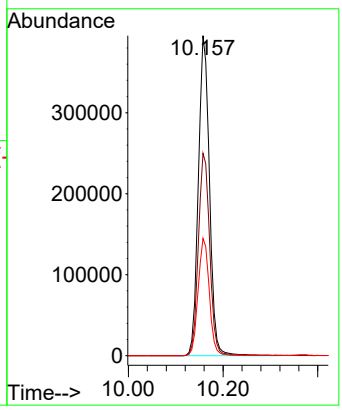


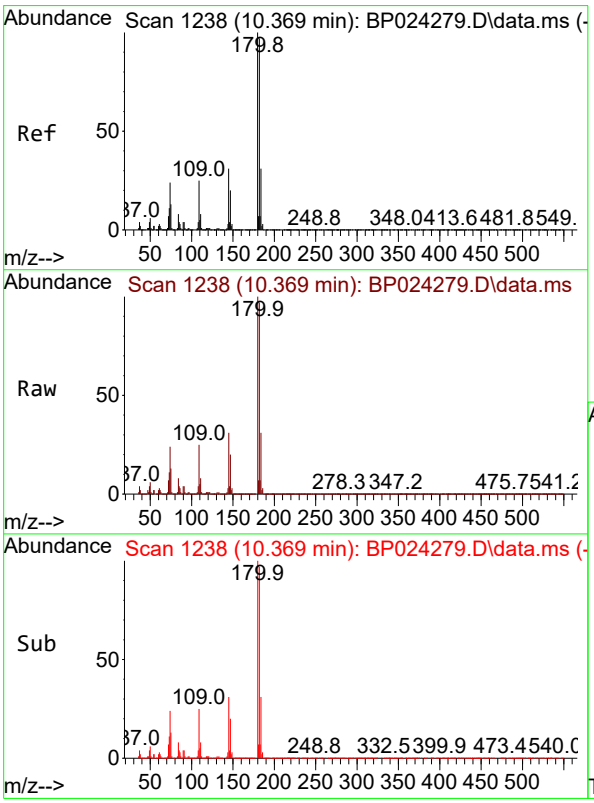
#29
2,4-Dichlorophenol
Concen: 42.725 ng
RT: 10.157 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 645849

Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.3	83.3
98	36.6	16.6	56.6

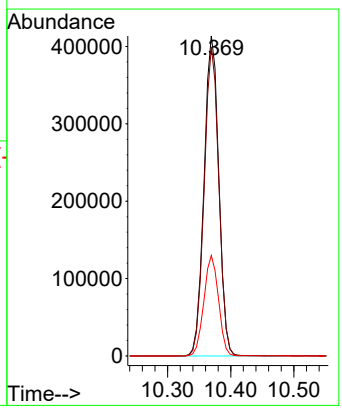


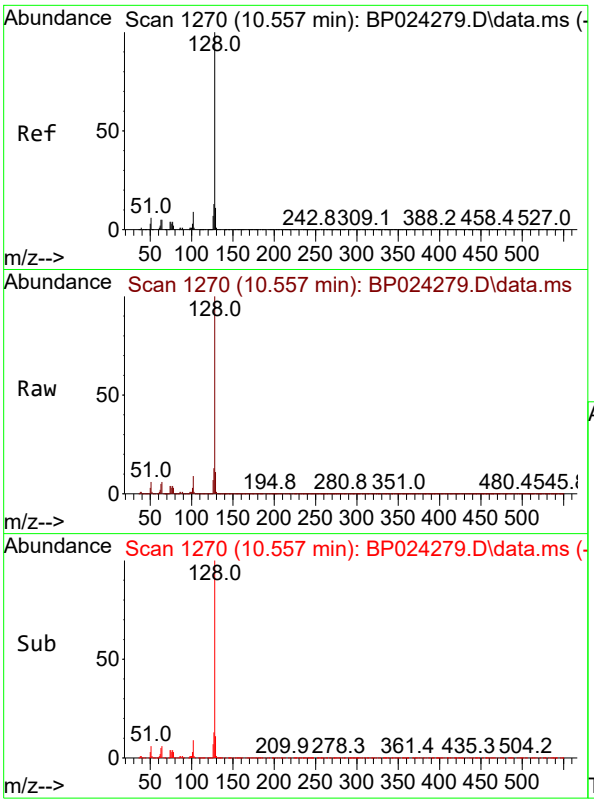


#30
1,2,4-Trichlorobenzene
Concen: 41.046 ng
RT: 10.369 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:180 Resp: 671264

Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.3	115.9
145	31.4	25.1	37.7



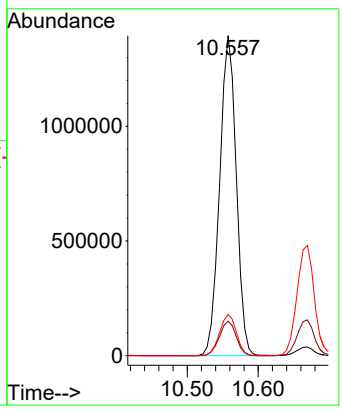


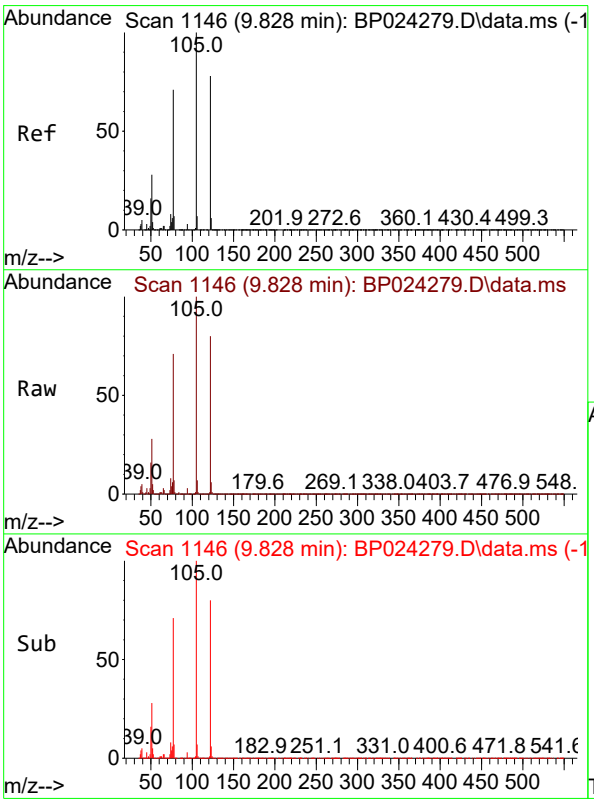
#31
Naphthalene
Concen: 40.765 ng
RT: 10.557 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 2258924

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	12.9	10.3	15.5

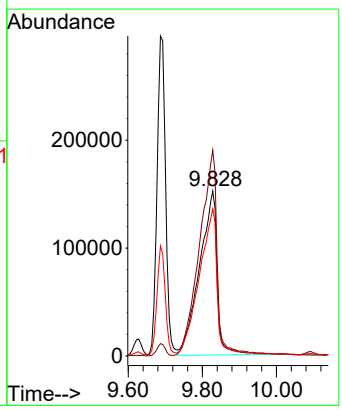


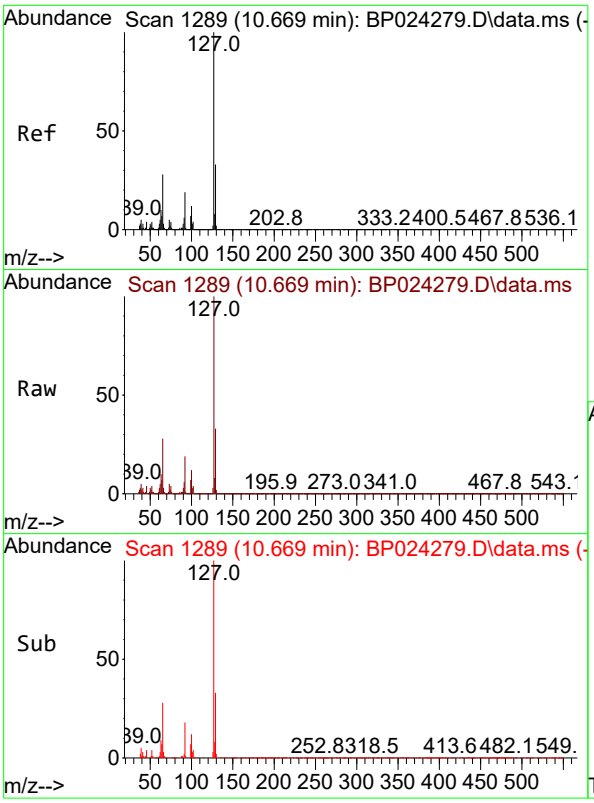


#32
Benzoic acid
Concen: 42.286 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:122 Resp: 506813

Ion	Ratio	Lower	Upper
122	100		
105	124.8	104.8	144.8
77	89.2	69.2	109.2



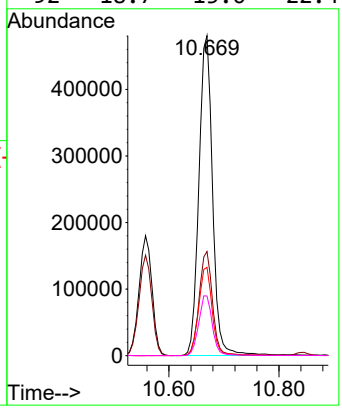


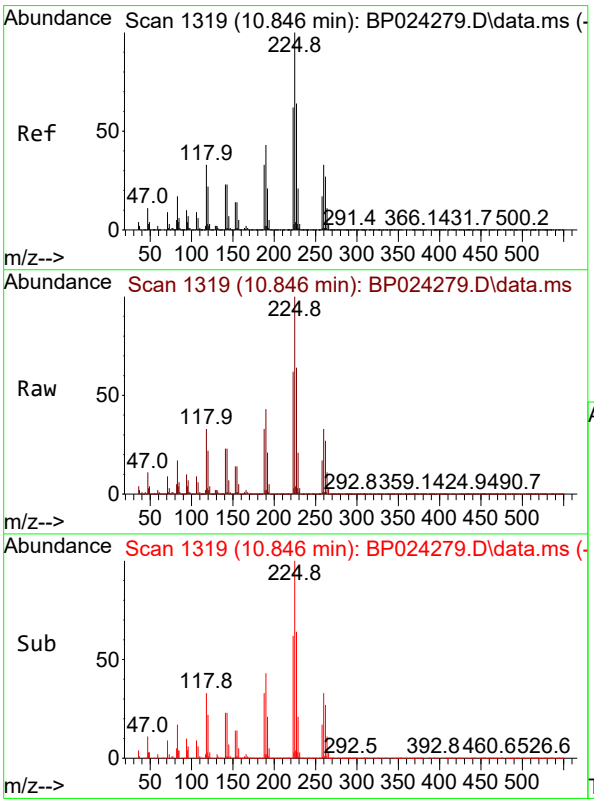
#33
4-Chloroaniline
Concen: 42.913 ng
RT: 10.669 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 830870

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	27.6	22.1	33.1
92	18.7	15.0	22.4

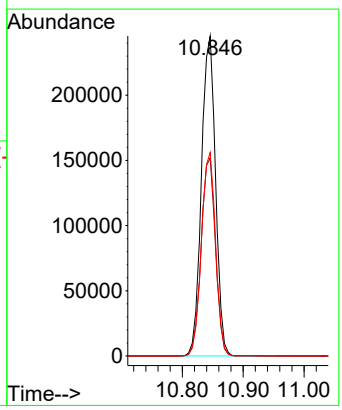


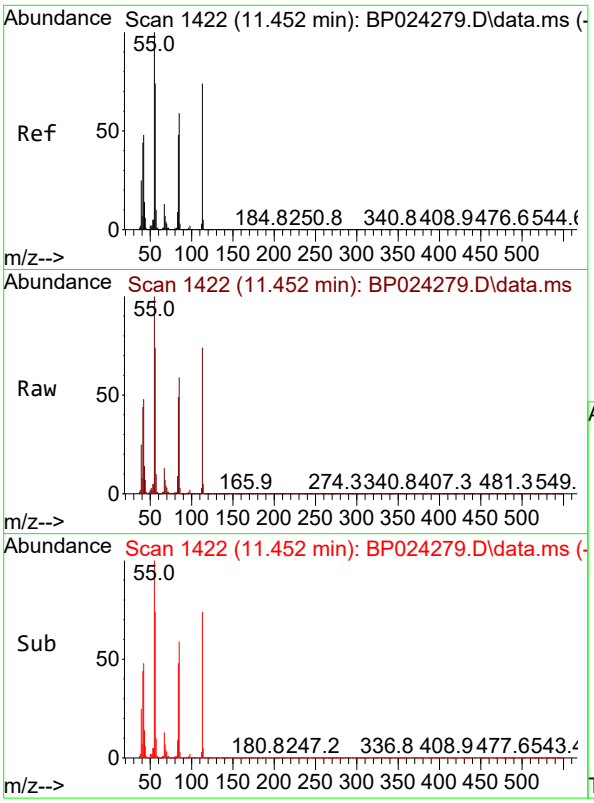


#34
Hexachlorobutadiene
Concen: 41.146 ng
RT: 10.846 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:225 Resp: 394737

Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.5	74.3
227	63.6	50.9	76.3



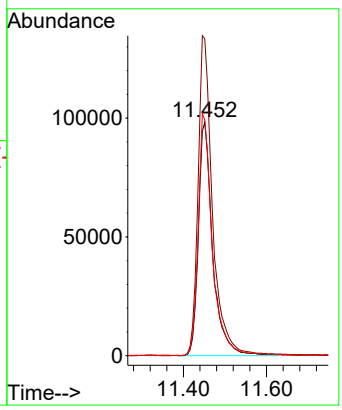


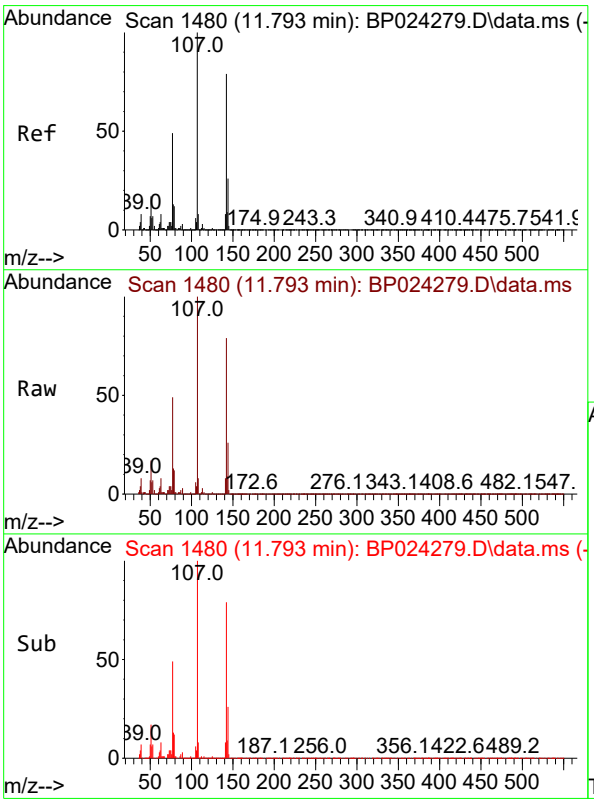
#35
Caprolactam
Concen: 42.256 ng
RT: 11.452 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 234519

Ion	Ratio	Lower	Upper
113	100		
55	135.9	115.9	155.9
56	101.1	81.1	121.1

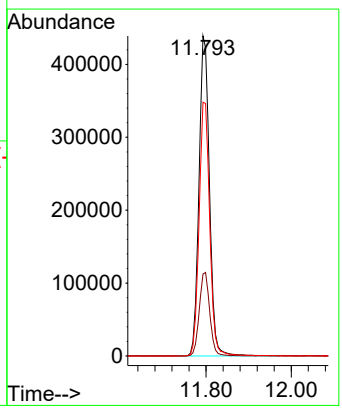


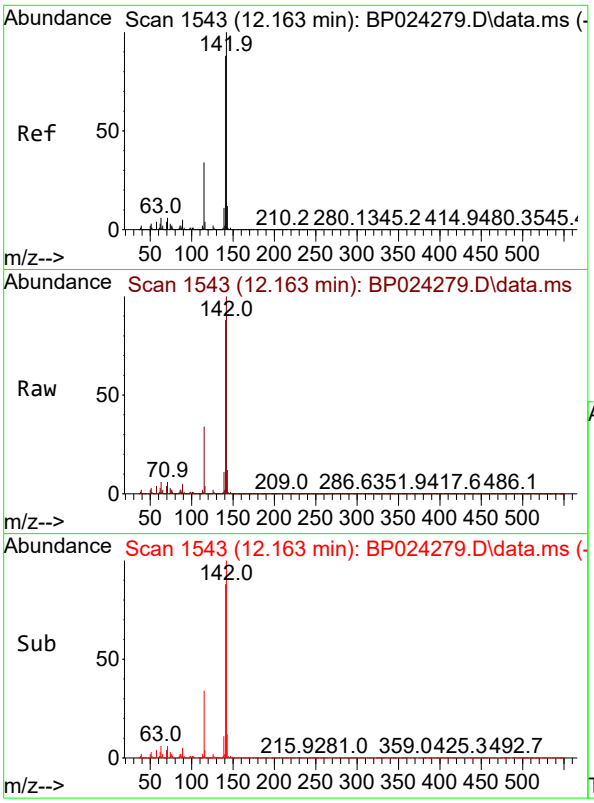


#36
4-Chloro-3-methylphenol
Concen: 42.438 ng
RT: 11.793 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:107 Resp: 747541

Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.5	30.7
142	79.3	63.4	95.2



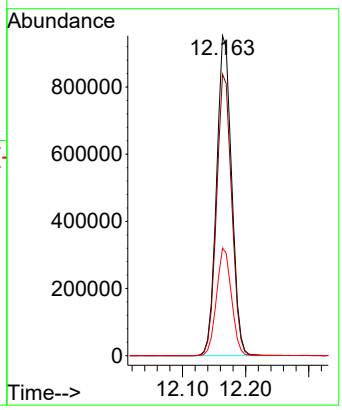


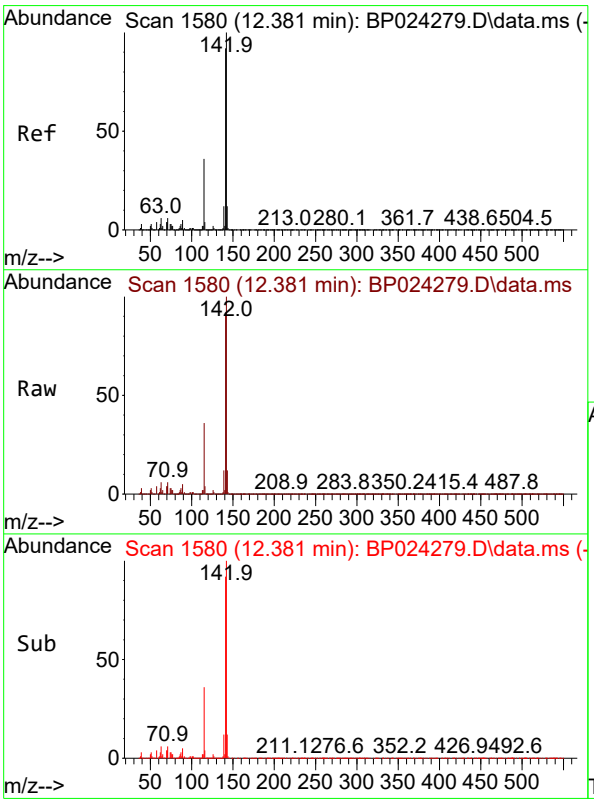
#37
2-Methylnaphthalene
Concen: 41.154 ng
RT: 12.163 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 1580497

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.3	105.5
115	33.6	26.9	40.3

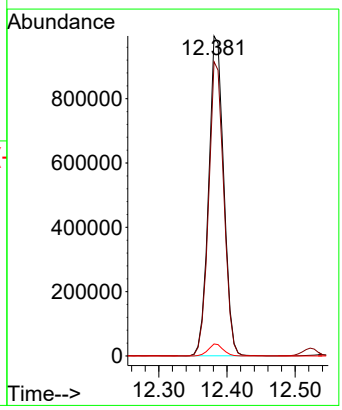


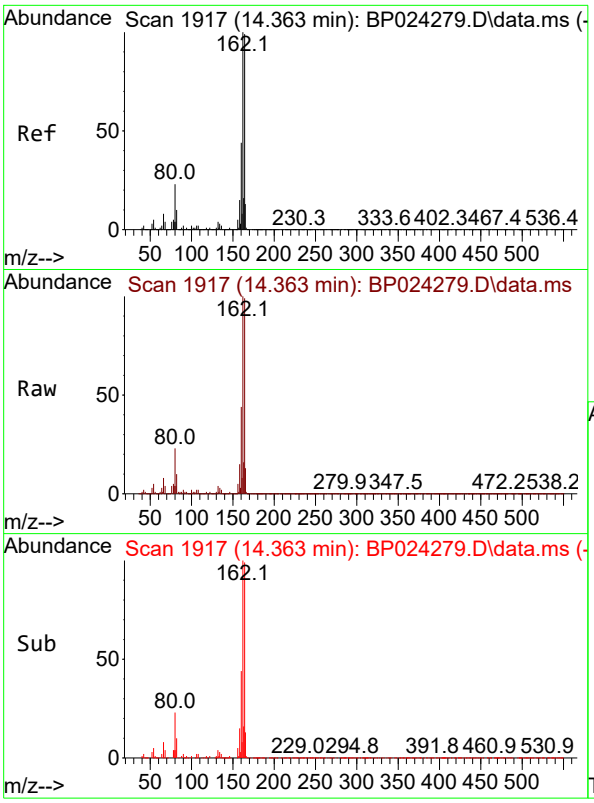


#38
1-Methylnaphthalene
Concen: 40.695 ng
RT: 12.381 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:142 Resp: 1530982

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.6	110.4
116	3.8	3.0	4.6



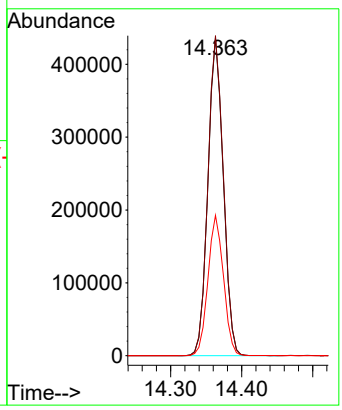


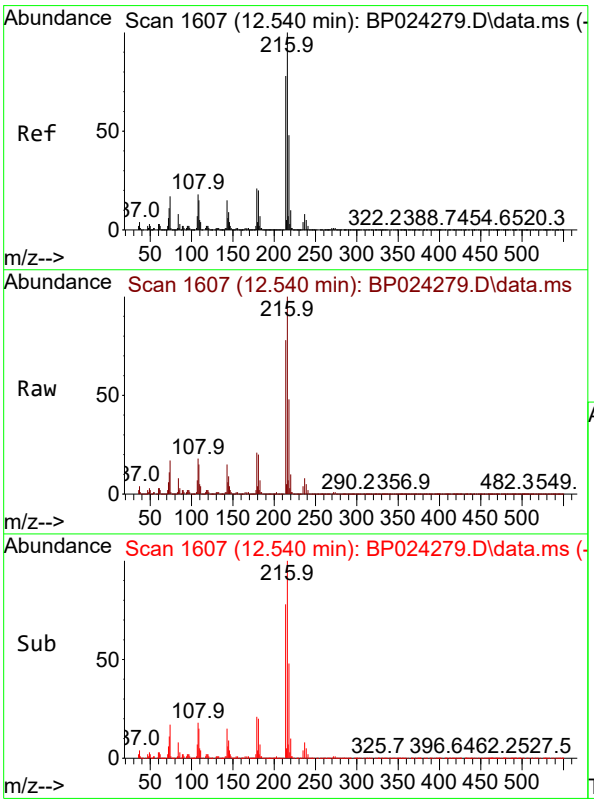
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 657357

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.6	120.8
160	44.1	35.3	52.9

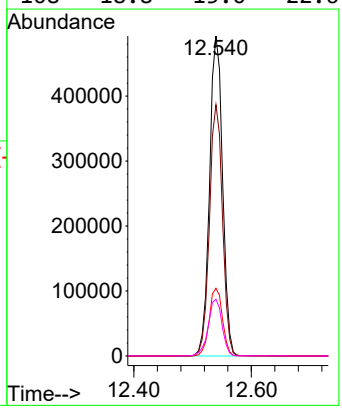


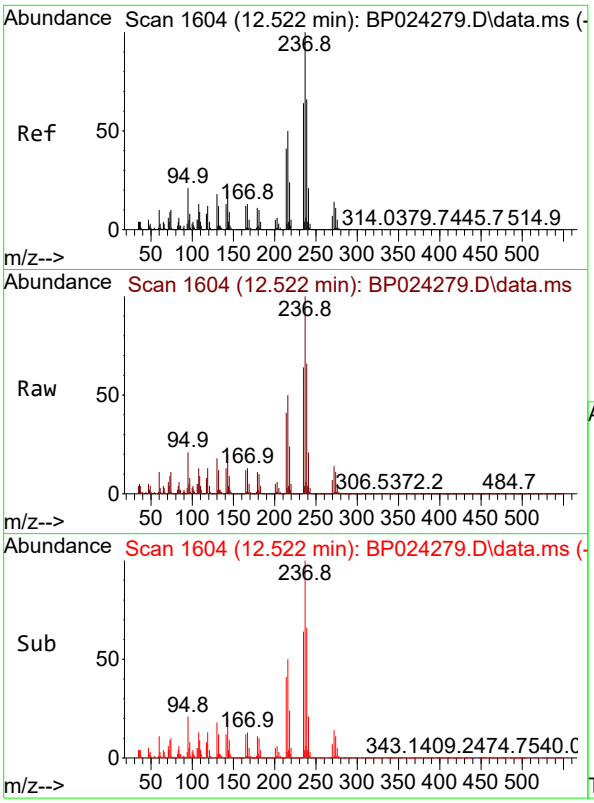


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.945 ng
RT: 12.540 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:216 Resp: 757748

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.6	93.8
179	21.5	17.2	25.8
108	18.8	15.0	22.6



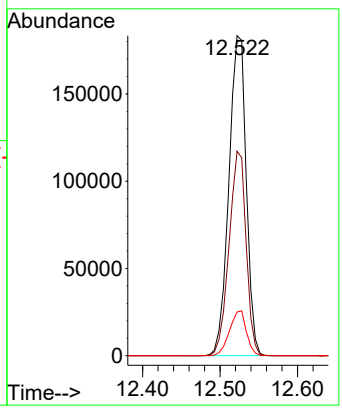


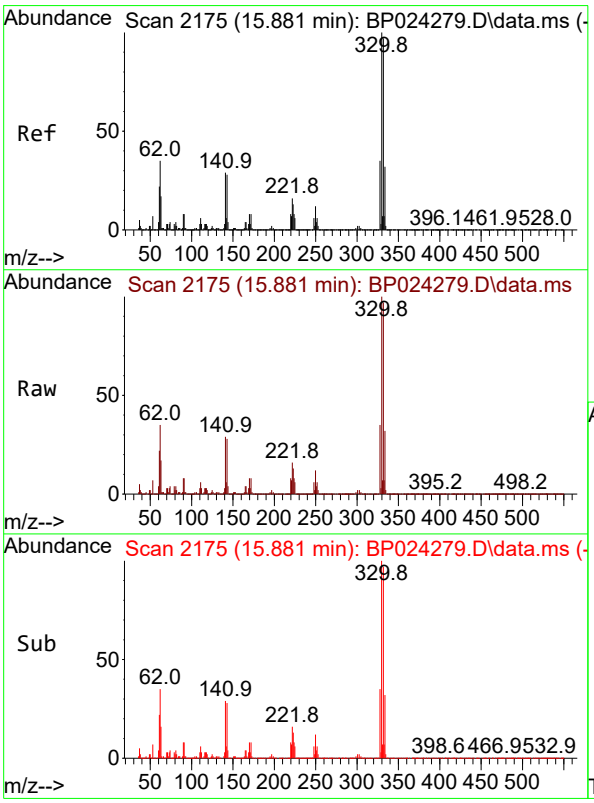
#41
Hexachlorocyclopentadiene
Concen: 45.116 ng
RT: 12.522 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 286135

Ion	Ratio	Lower	Upper
237	100		
235	63.9	43.9	83.9
272	13.6	0.0	33.6

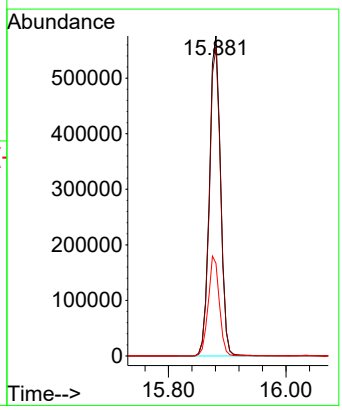


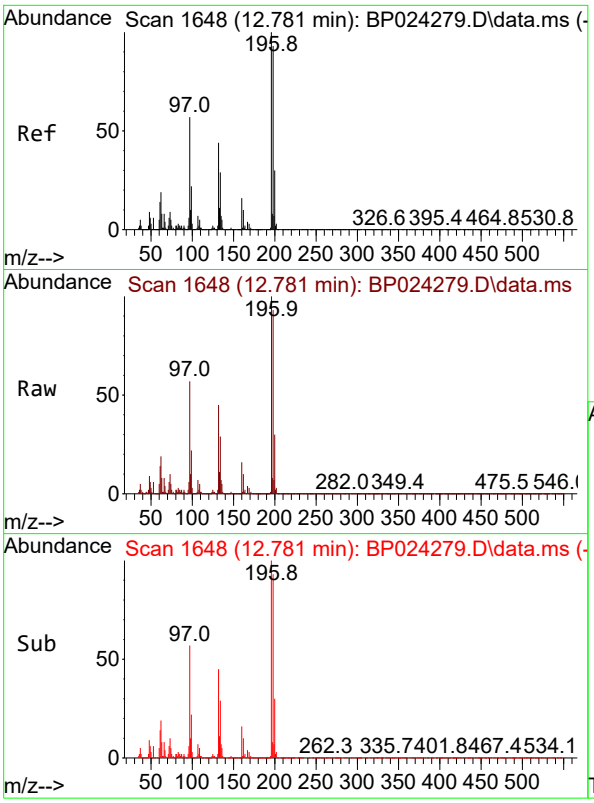


#42
2,4,6-Tribromophenol
Concen: 84.379 ng
RT: 15.881 min Scan# 2175
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:330 Resp: 759528

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	30.9	24.7	37.1



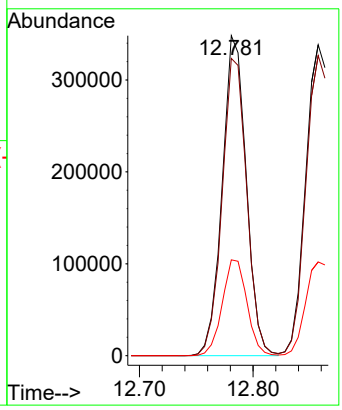


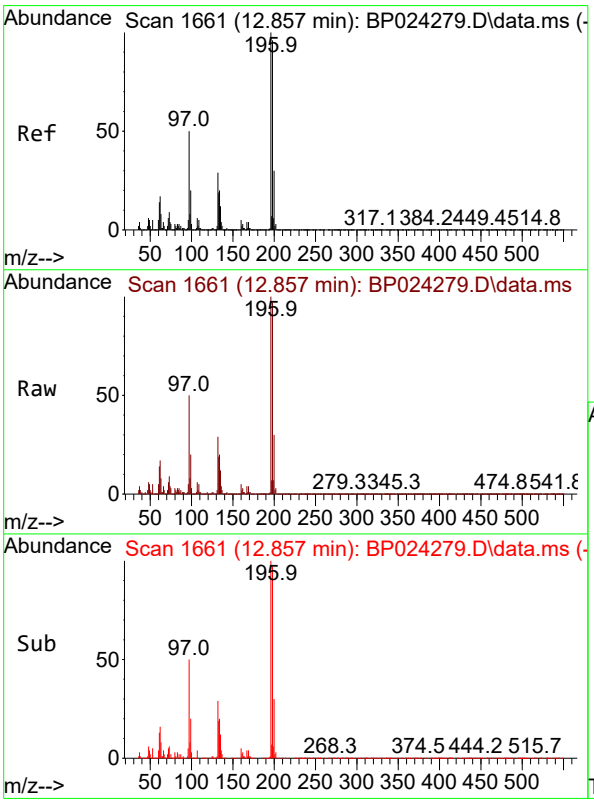
#43
2,4,6-Trichlorophenol
Concen: 43.038 ng
RT: 12.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 511566

Ion	Ratio	Lower	Upper
196	100		
198	92.9	74.3	111.5
200	30.0	24.0	36.0

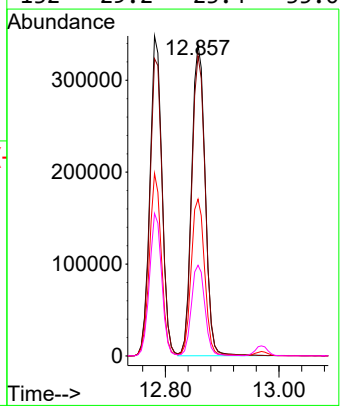


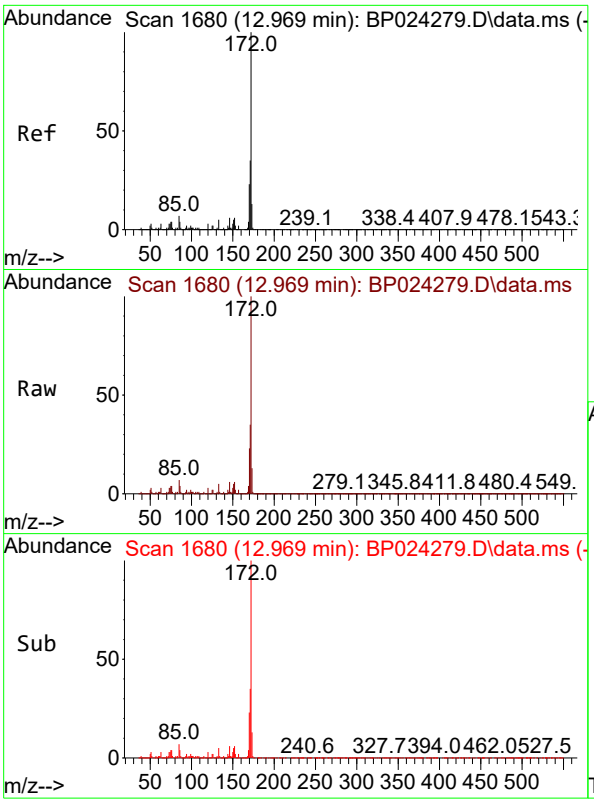


#44
2,4,5-Trichlorophenol
Concen: 42.637 ng
RT: 12.857 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:196 Resp: 561631

Ion	Ratio	Lower	Upper
196	100		
198	96.6	77.3	115.9
97	50.5	40.4	60.6
132	29.2	23.4	35.0



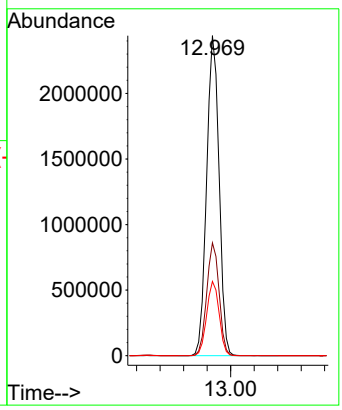


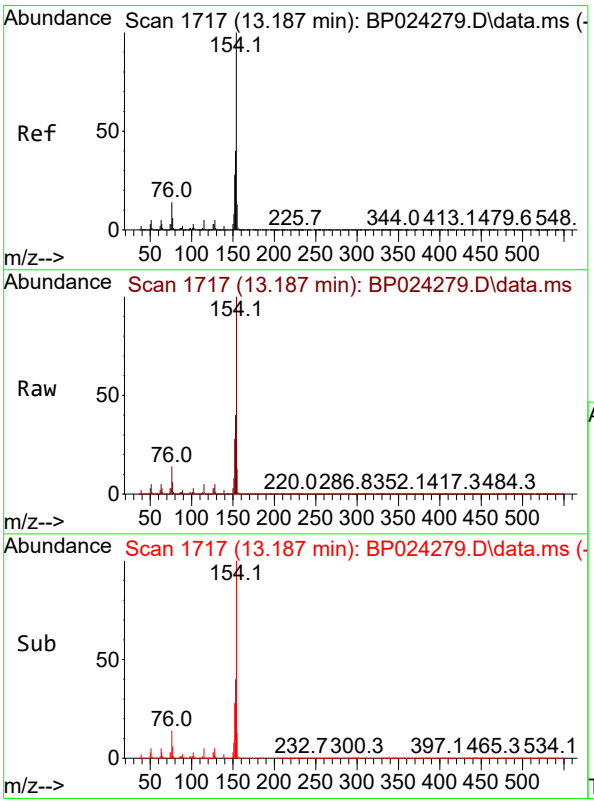
#45
2-Fluorobiphenyl
Concen: 82.939 ng
RT: 12.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 3591010

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.2	18.6	27.8

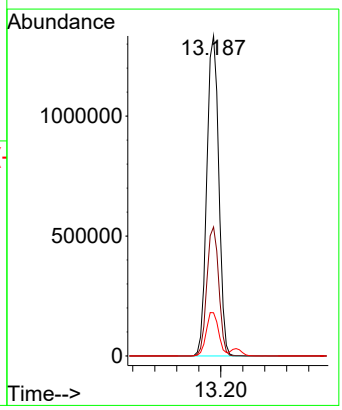


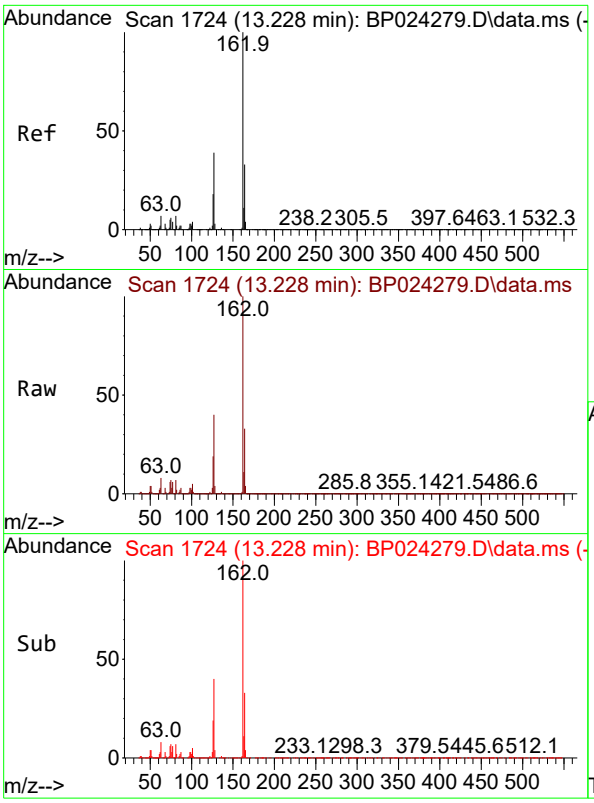


#46
1,1'-Biphenyl
Concen: 41.404 ng
RT: 13.187 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:154 Resp: 2010029

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.3	60.3
76	13.5	0.0	33.5



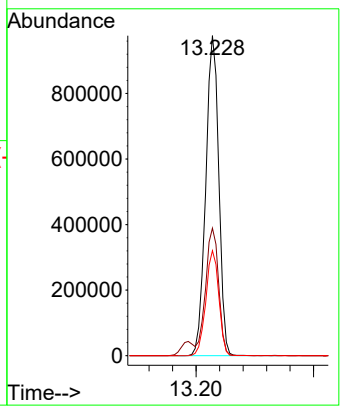


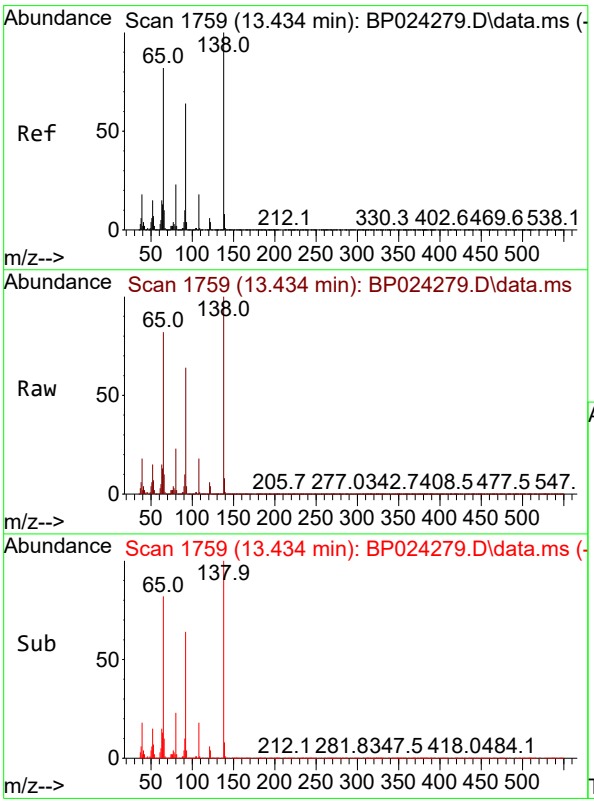
#47
2-Chloronaphthalene
Concen: 41.328 ng
RT: 13.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 1497152

Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.9	47.9
164	32.8	26.2	39.4

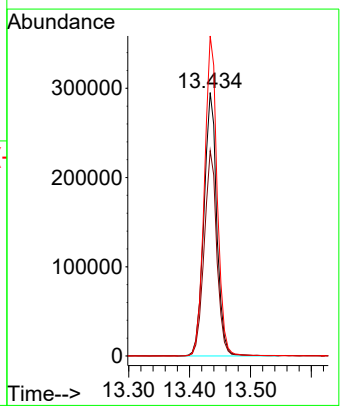


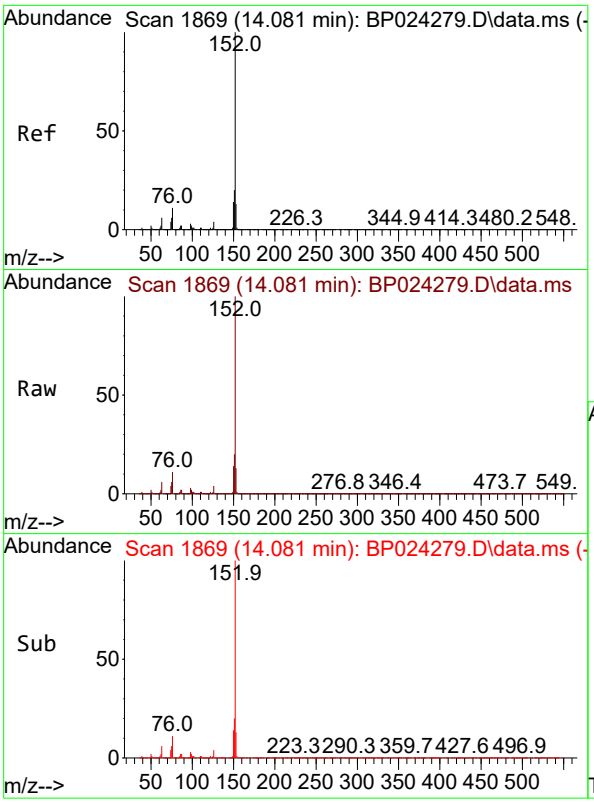


#48
2-Nitroaniline
Concen: 43.377 ng
RT: 13.434 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion: 65 Resp: 434050

Ion	Ratio	Lower	Upper
65	100		
92	77.9	62.3	93.5
138	121.5	97.2	145.8



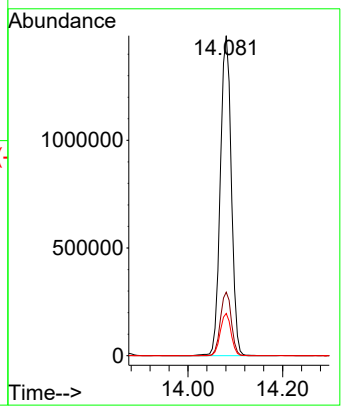


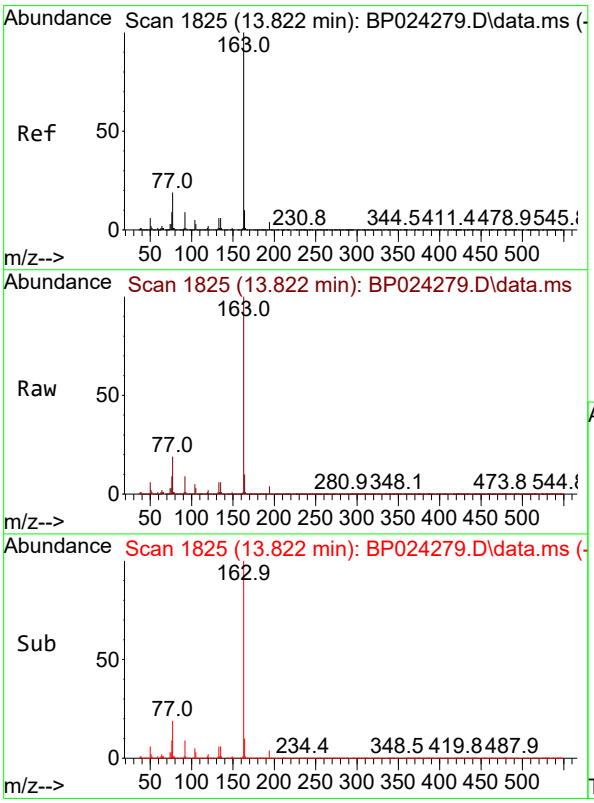
#49
Acenaphthylene
Concen: 41.944 ng
RT: 14.081 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 2384785

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.2	10.6	15.8

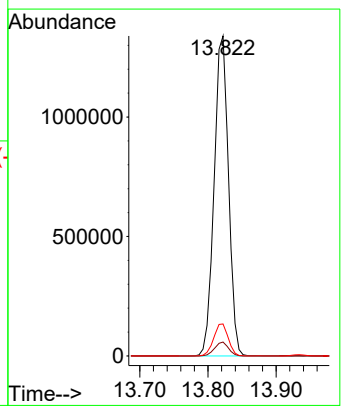


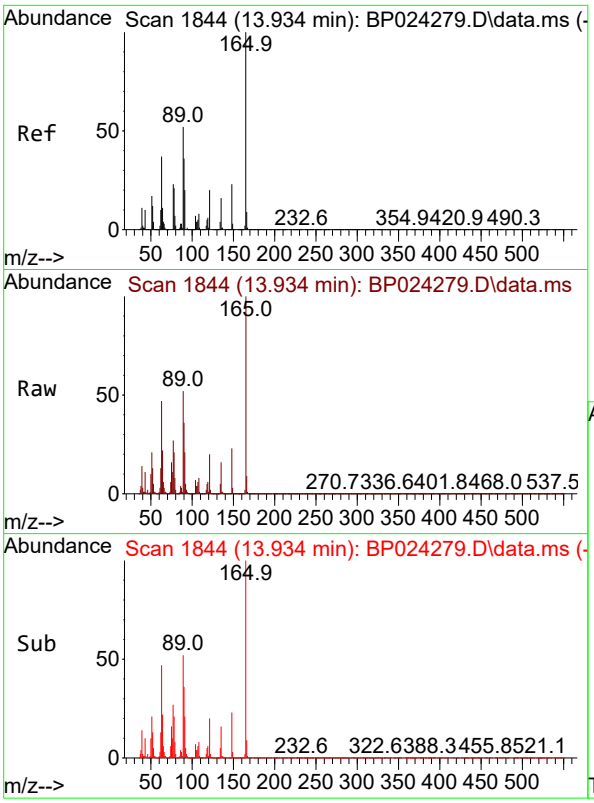


#50
Dimethylphthalate
Concen: 40.976 ng
RT: 13.822 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:163 Resp: 1965142

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.0	8.0	12.0



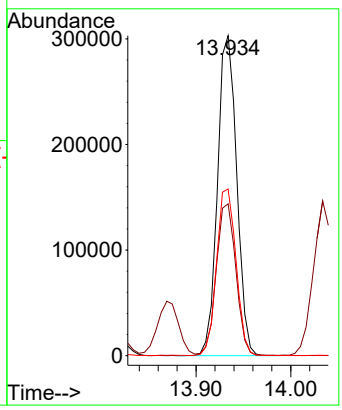


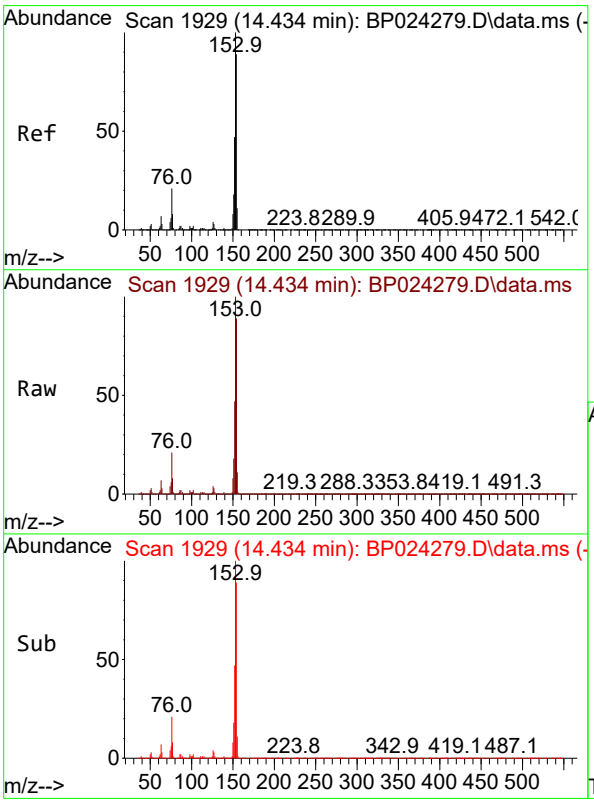
#51
2,6-Dinitrotoluene
Concen: 42.283 ng
RT: 13.934 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 427248

Ion	Ratio	Lower	Upper
165	100		
63	47.5	38.0	57.0
89	52.1	41.7	62.5

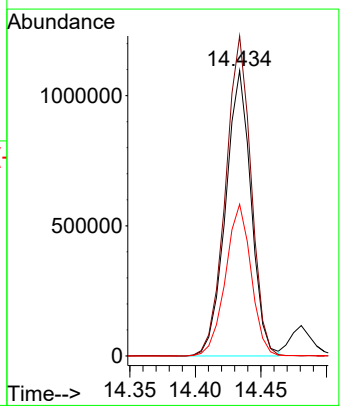


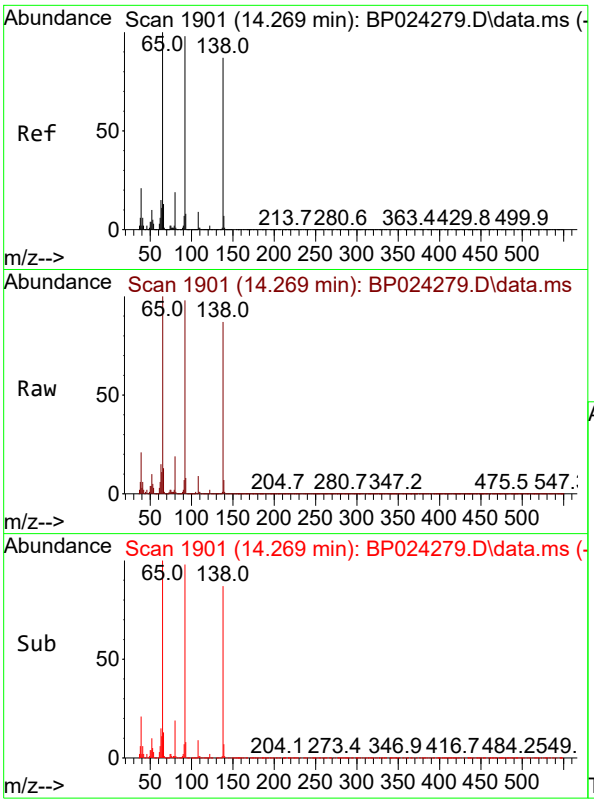


#52
Acenaphthene
Concen: 40.947 ng
RT: 14.434 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:154 Resp: 1480526

Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.8	134.6
152	53.2	42.6	63.8



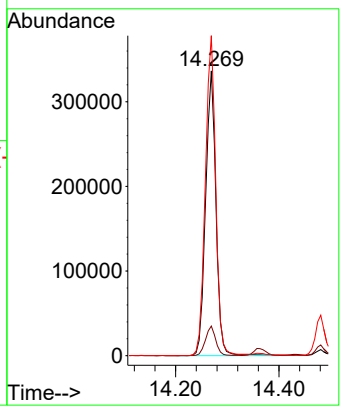


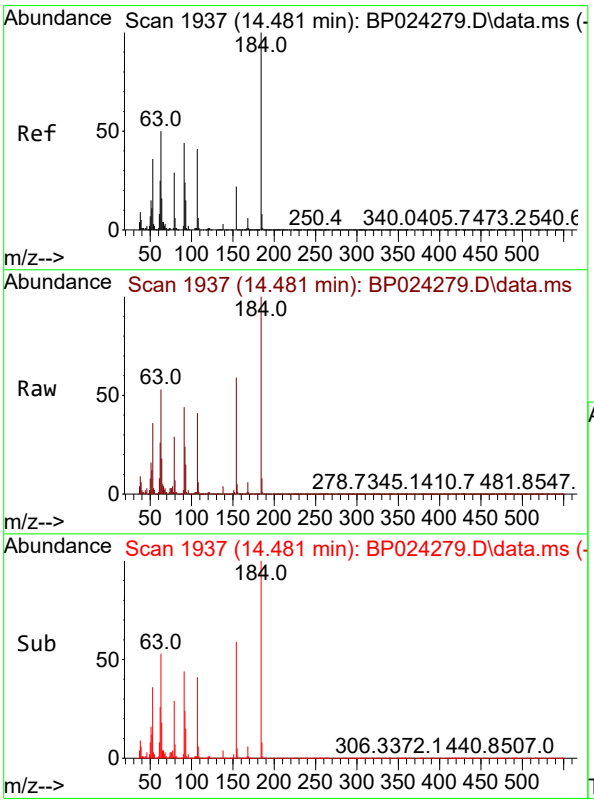
#53
3-Nitroaniline
Concen: 44.389 ng
RT: 14.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 465347

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.3	12.5
92	112.3	89.8	134.8

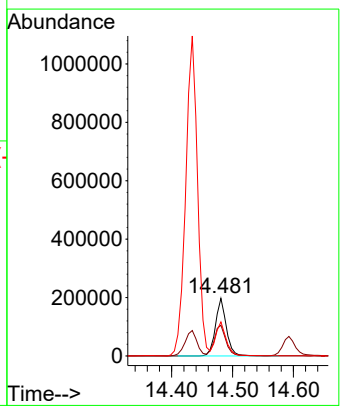


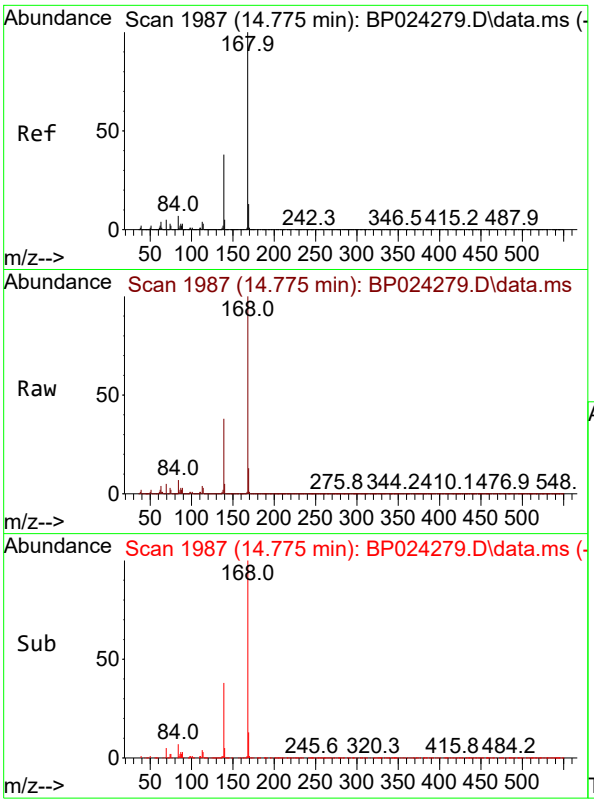


#54
2,4-Dinitrophenol
Concen: 45.231 ng
RT: 14.481 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:184 Resp: 244714

Ion	Ratio	Lower	Upper
184	100		
63	53.3	42.6	64.0
154	59.0	47.2	70.8



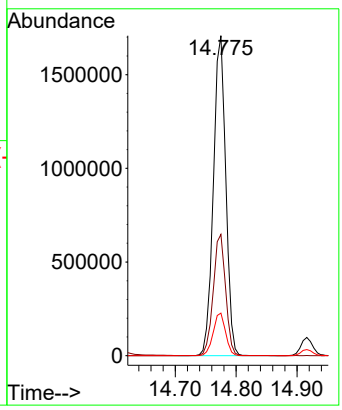


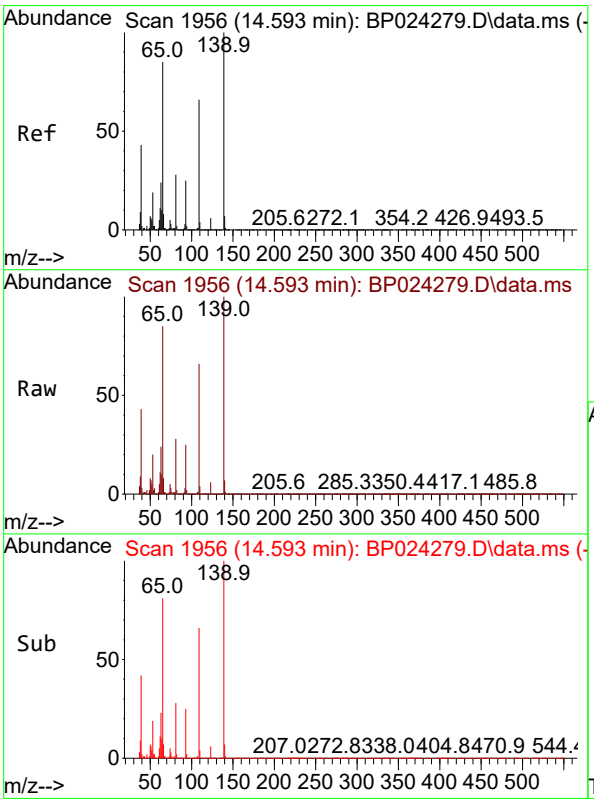
#55
Dibenzofuran
Concen: 40.633 ng
RT: 14.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 2409526

Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.3	45.5
169	13.3	10.6	16.0

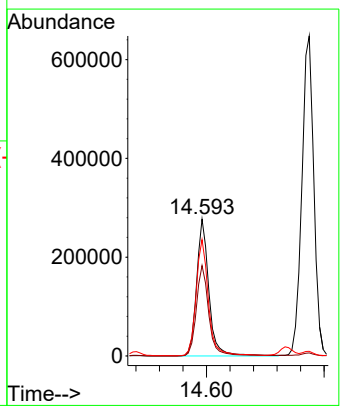


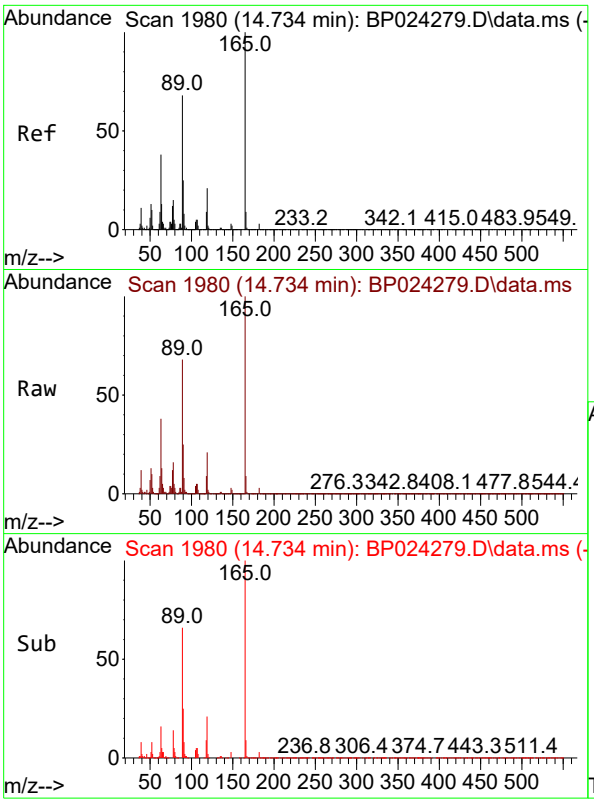


#56
4-Nitrophenol
Concen: 44.564 ng
RT: 14.593 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:139 Resp: 401591

Ion	Ratio	Lower	Upper
139	100		
109	66.1	46.1	86.1
65	85.0	65.0	105.0



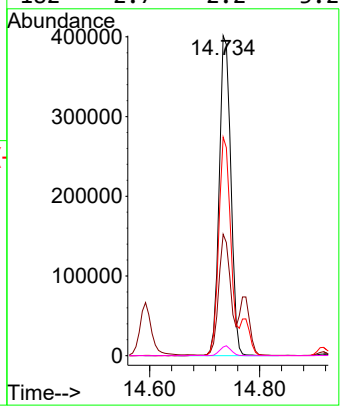


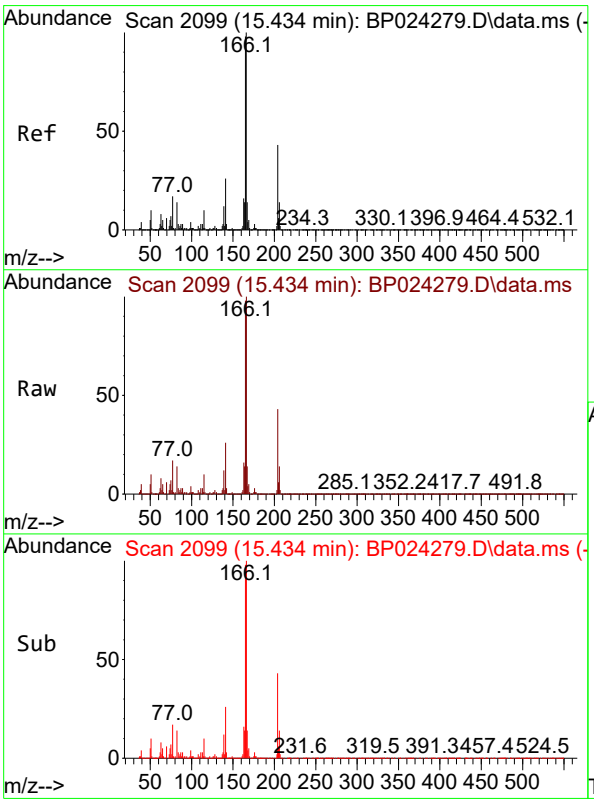
#57
2,4-Dinitrotoluene
Concen: 43.110 ng
RT: 14.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 588798

Ion	Ratio	Lower	Upper
165	100		
63	38.0	30.4	45.6
89	68.3	54.6	82.0
182	2.7	2.2	3.2

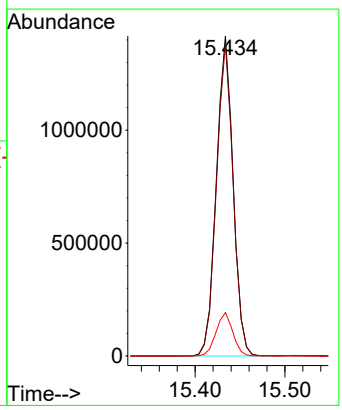


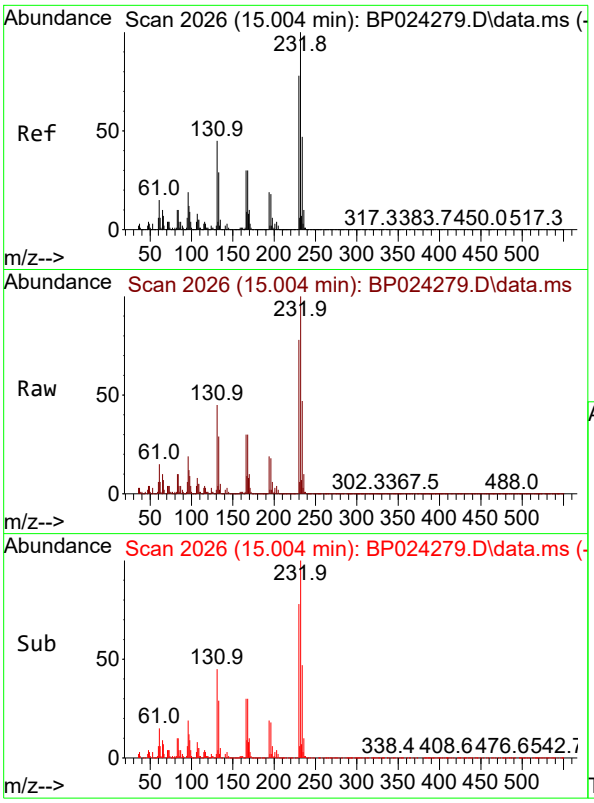


#58
Fluorene
Concen: 40.150 ng
RT: 15.434 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:166 Resp: 1838264

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.1	117.1
167	13.6	10.9	16.3



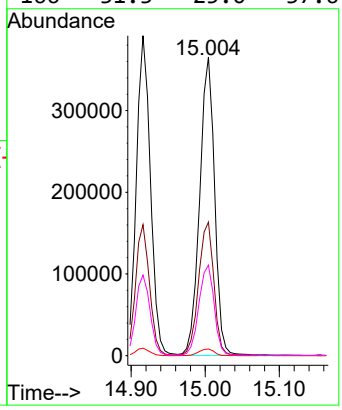


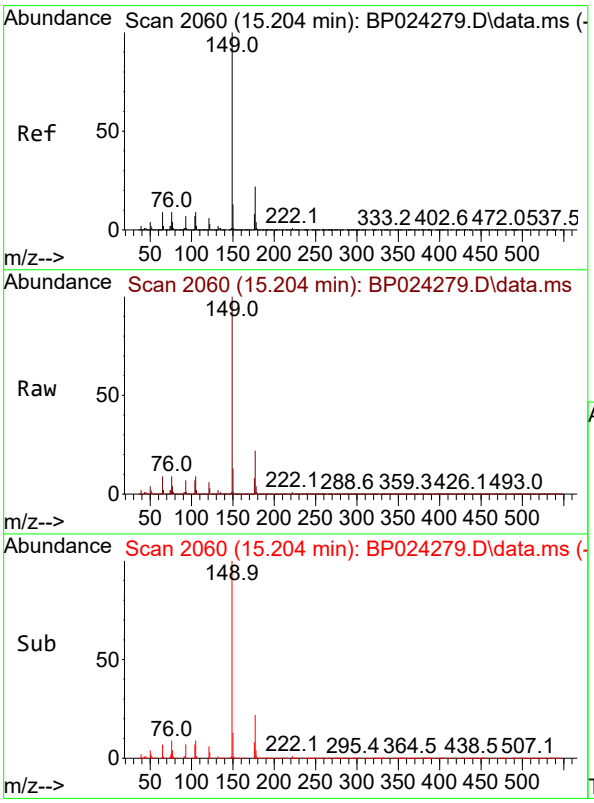
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.987 ng
RT: 15.004 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 511714

Ion	Ratio	Lower	Upper
232	100		
131	46.0	36.8	55.2
130	2.4	1.9	2.9
166	31.3	25.0	37.6

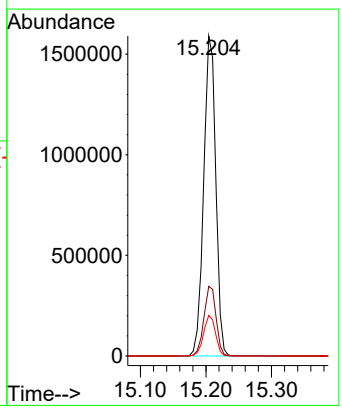


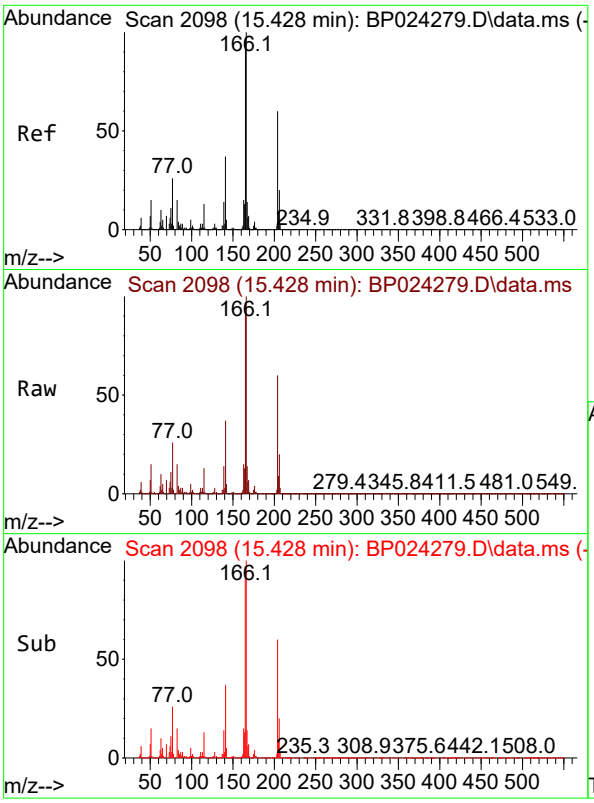


#60
Diethylphthalate
Concen: 41.286 ng
RT: 15.204 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:149 Resp: 2037863

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.4	26.2
150	12.6	10.1	15.1



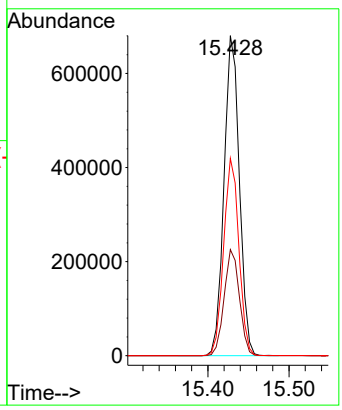


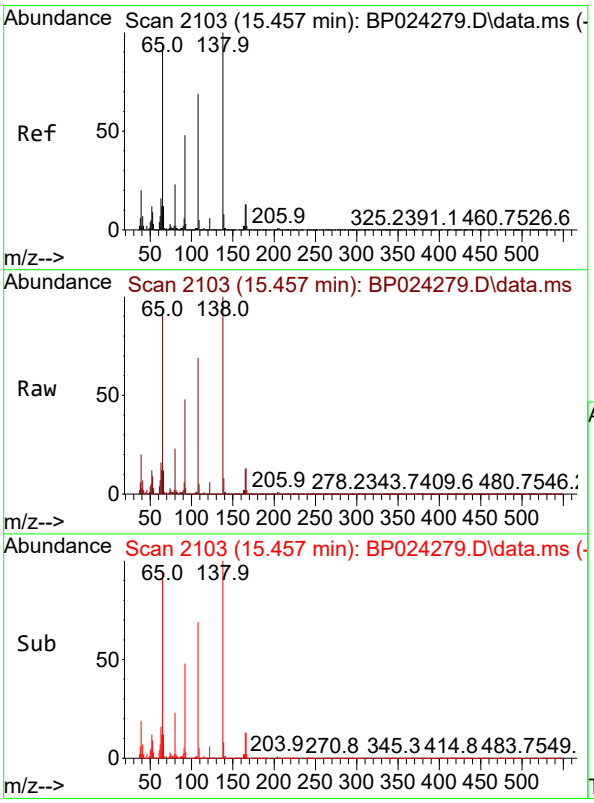
#61
4-Chlorophenyl-phenylether
Concen: 40.226 ng
RT: 15.428 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 894350

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	61.7	49.4	74.0

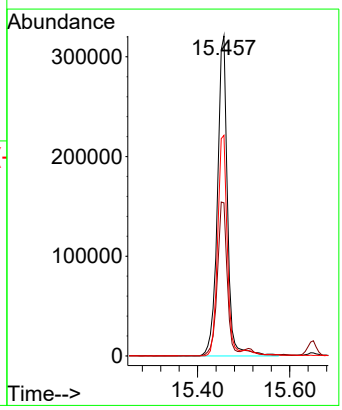


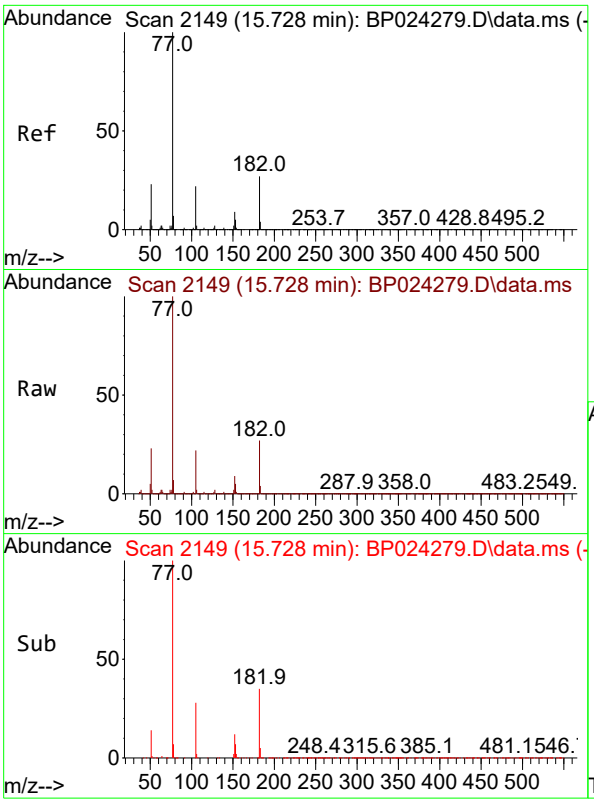


#62
4-Nitroaniline
Concen: 43.693 ng
RT: 15.457 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:138 Resp: 485622

Ion	Ratio	Lower	Upper
138	100		
92	47.8	27.8	67.8
108	68.9	48.9	88.9



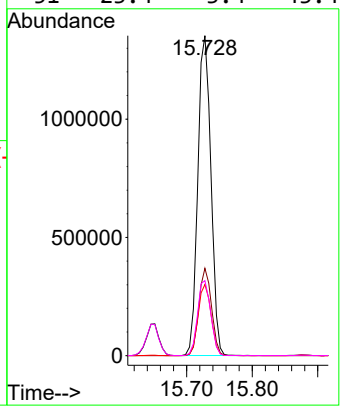


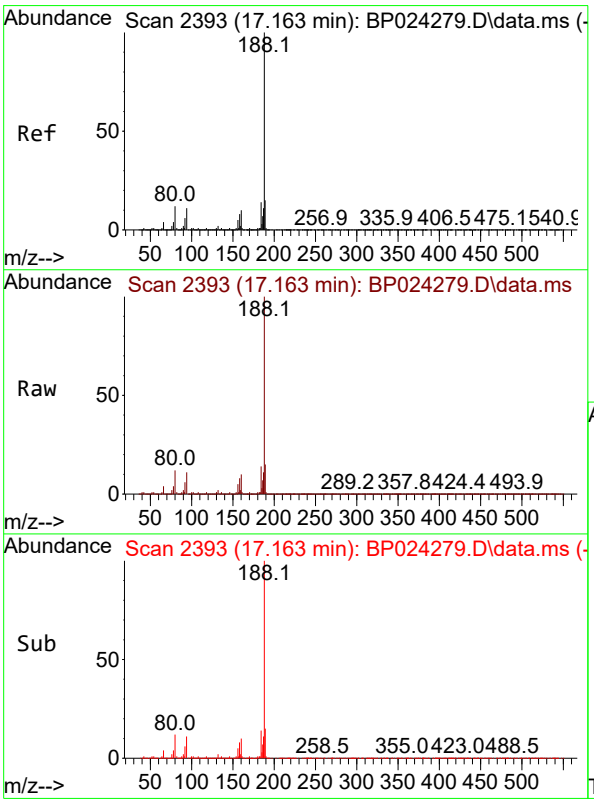
#63
Azobenzene
Concen: 41.392 ng
RT: 15.728 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 1881773

Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.3	47.3
105	22.3	2.3	42.3
51	23.4	3.4	43.4

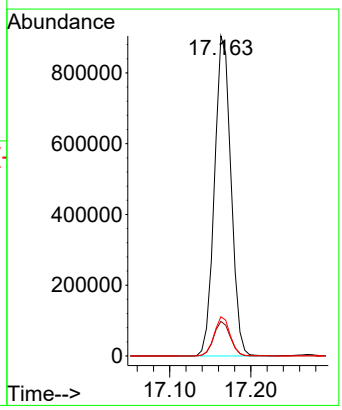


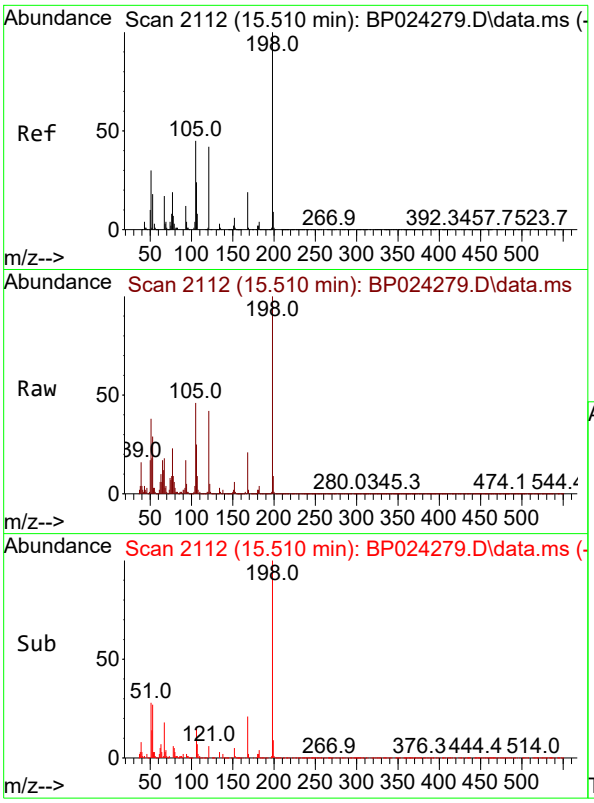


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2393
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:188 Resp: 1277198

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.6	13.0
80	12.2	9.8	14.6



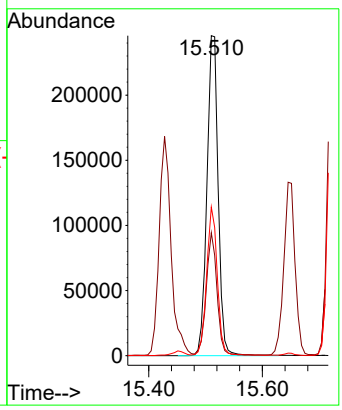


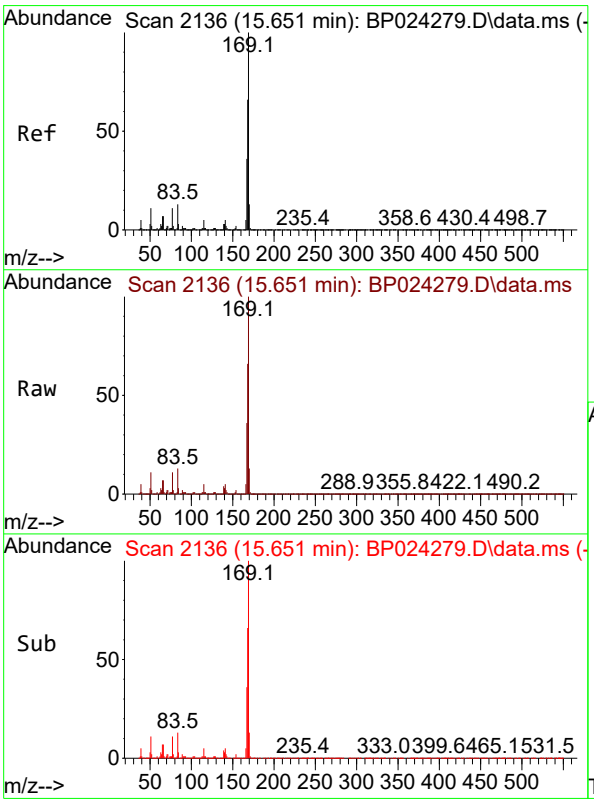
#65
4,6-Dinitro-2-methylphenol
Concen: 44.938 ng
RT: 15.510 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 335347

Ion	Ratio	Lower	Upper
198	100		
51	38.4	18.4	58.4
105	46.5	26.5	66.5

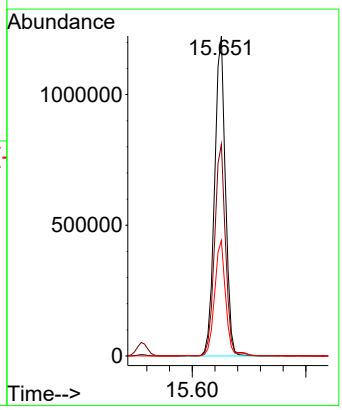


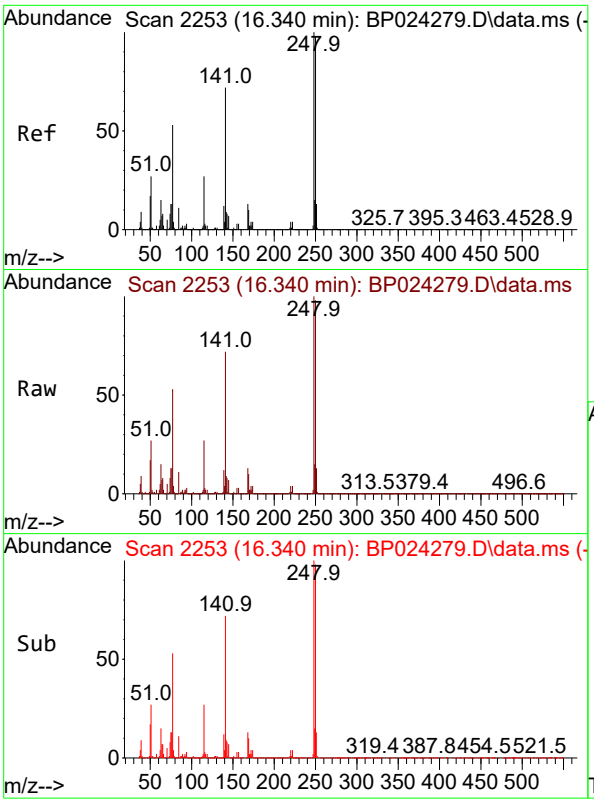


#66
n-Nitrosodiphenylamine
Concen: 42.021 ng
RT: 15.651 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:169 Resp: 1609251

Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.0	79.4
167	36.1	28.9	43.3



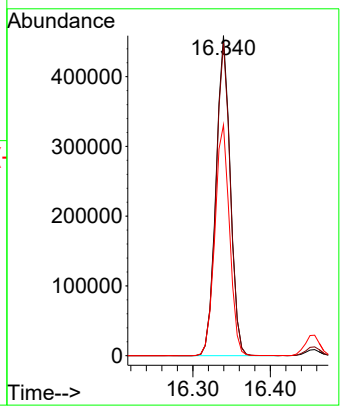


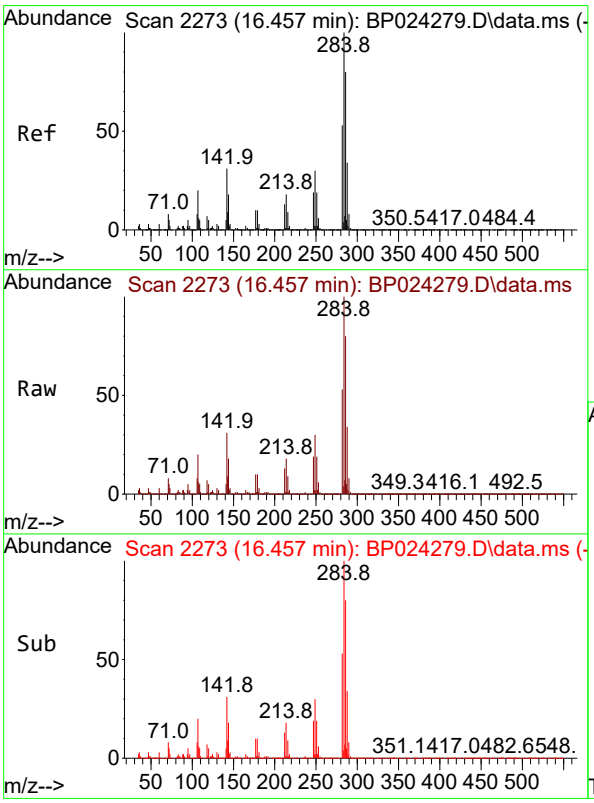
#67
4-Bromophenyl-phenylether
Concen: 42.165 ng
RT: 16.340 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 587416

Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.2	117.4
141	72.1	57.7	86.5

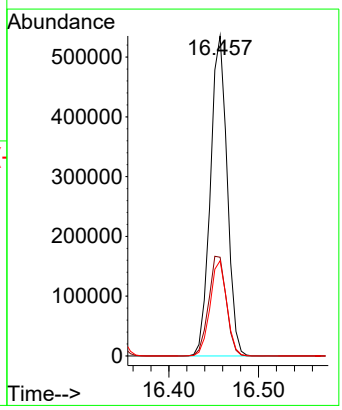


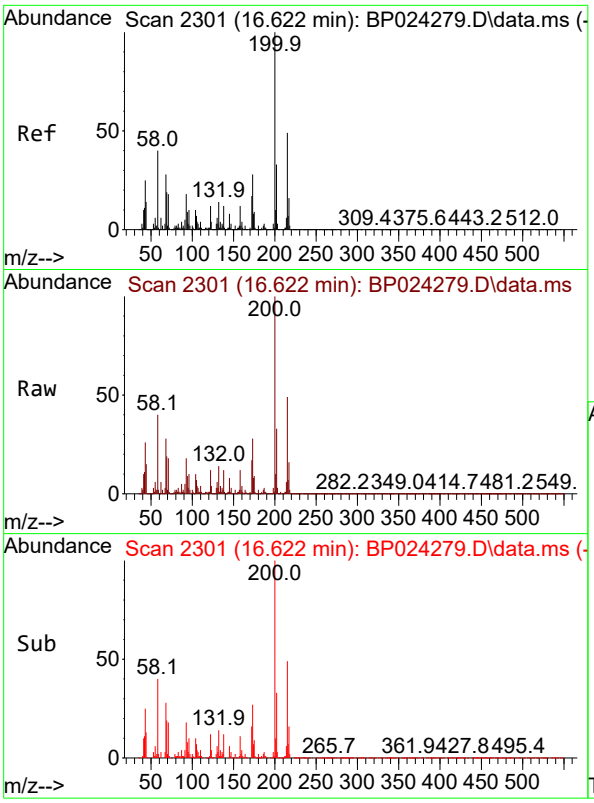


#68
Hexachlorobenzene
Concen: 41.815 ng
RT: 16.457 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:284 Resp: 692546

Ion	Ratio	Lower	Upper
284	100		
142	30.8	24.6	37.0
249	29.7	23.8	35.6



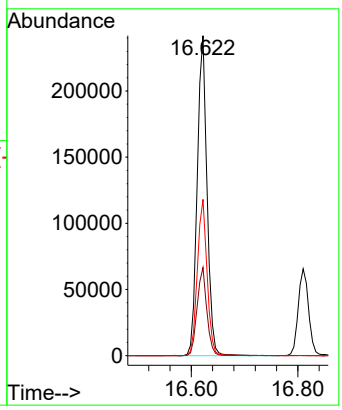


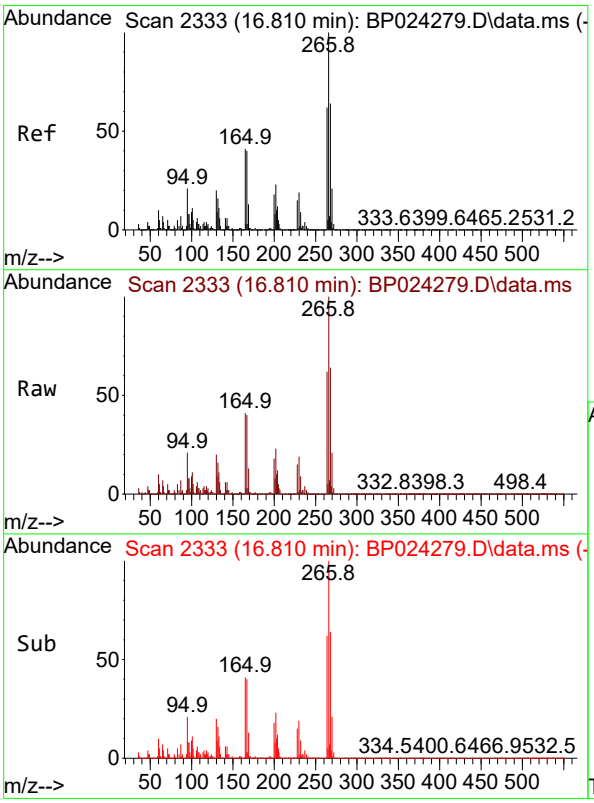
#69
Atrazine
Concen: 31.786 ng
RT: 16.622 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 308618

Ion	Ratio	Lower	Upper
200	100		
173	27.5	7.5	47.5
215	48.8	28.8	68.8

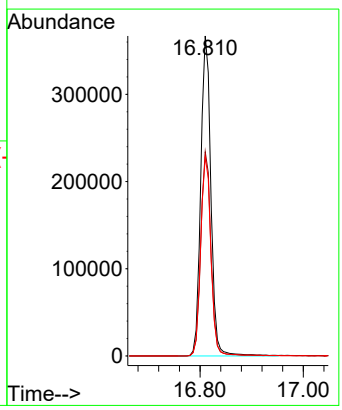


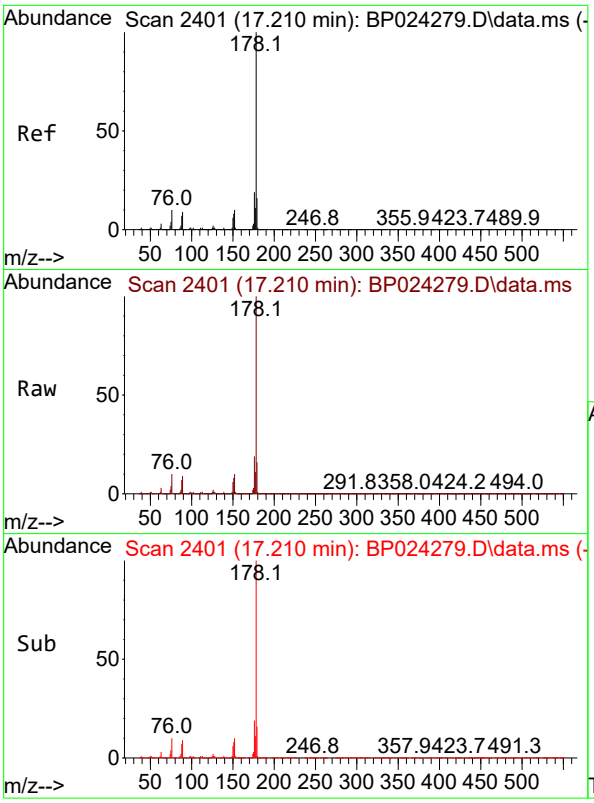


#70
Pentachlorophenol
Concen: 43.955 ng
RT: 16.810 min Scan# 2333
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:266 Resp: 499858

Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.0	76.6
264	62.2	49.8	74.6



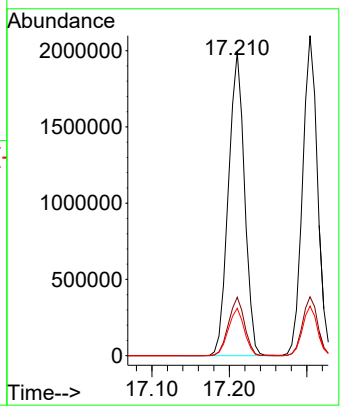


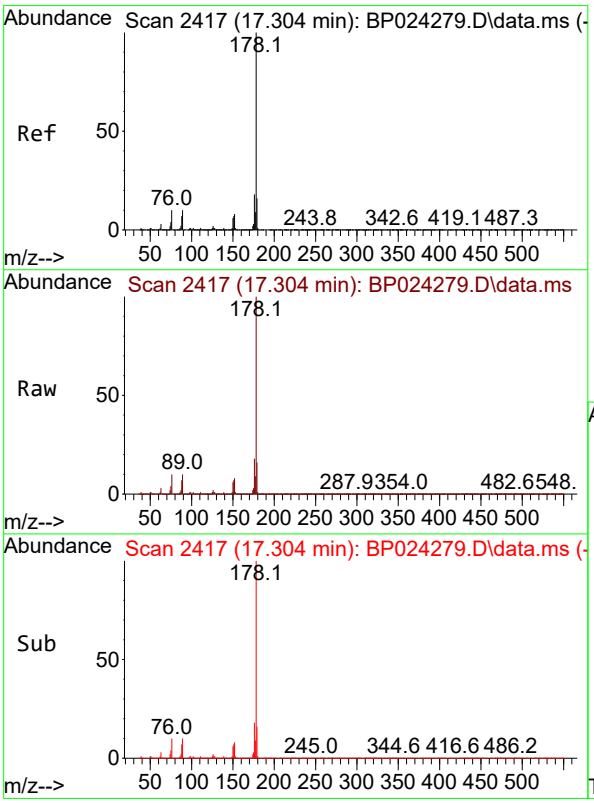
#71
Phenanthrene
Concen: 41.121 ng
RT: 17.210 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 2879498

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.6	12.5	18.7

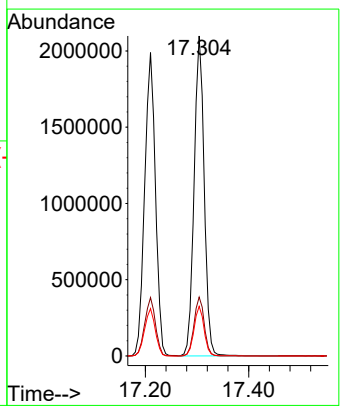


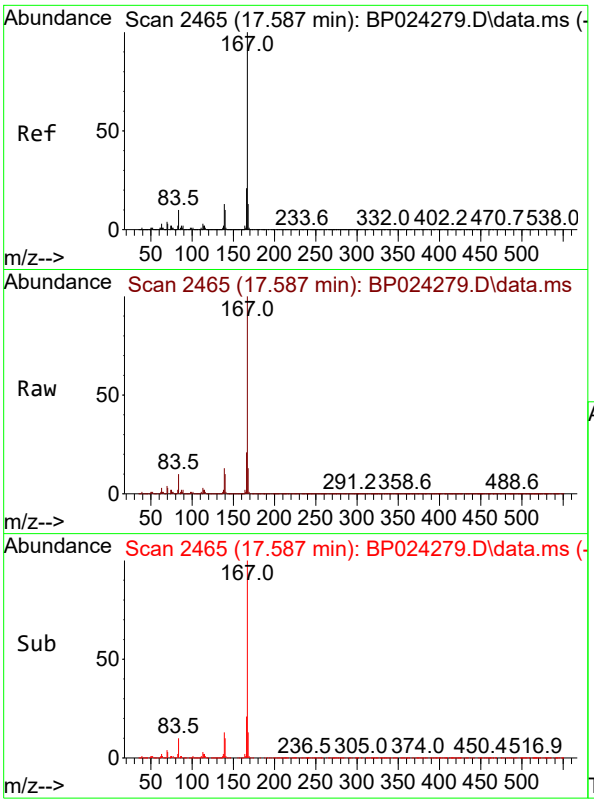


#72
Anthracene
Concen: 42.130 ng
RT: 17.304 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:178 Resp: 2838724

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.5	12.4	18.6



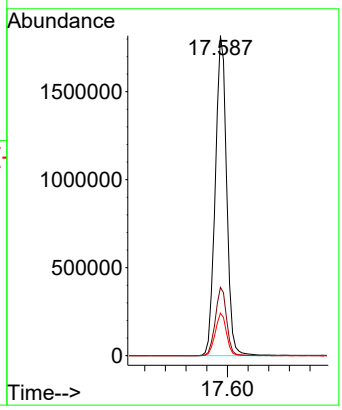


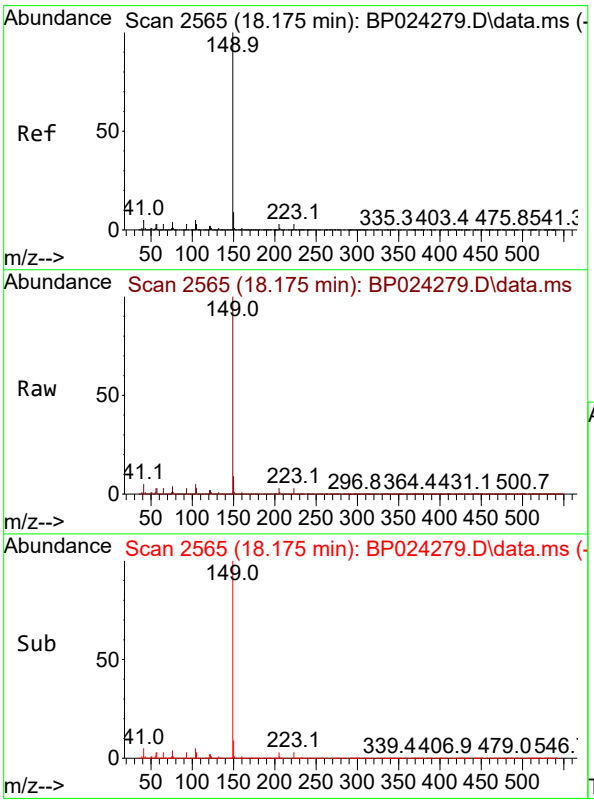
#73
Carbazole
Concen: 42.242 ng
RT: 17.587 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 2770072

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	13.3	10.6	16.0

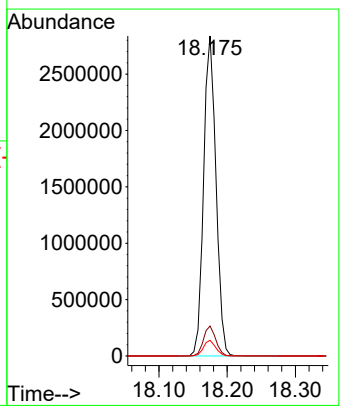


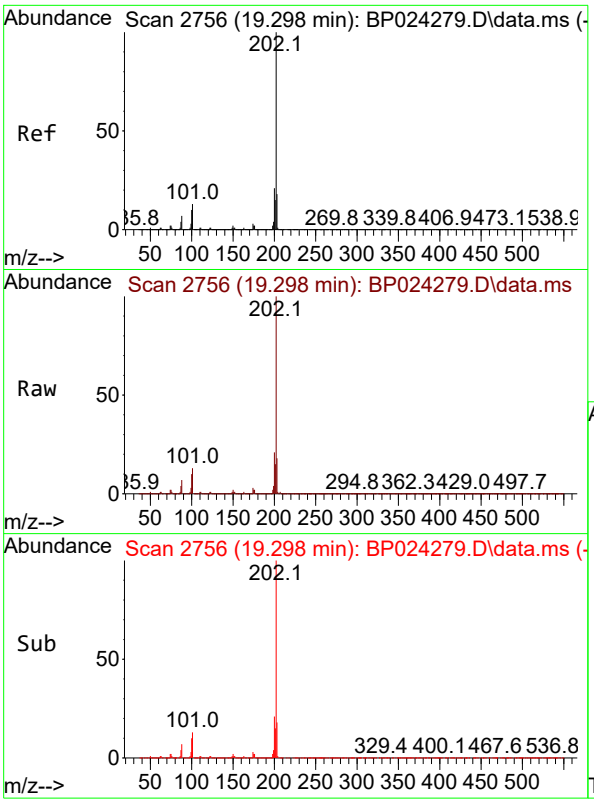


#74
Di-n-butylphthalate
Concen: 43.708 ng
RT: 18.175 min Scan# 2565
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:149 Resp: 3571220

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.9	3.9	5.9



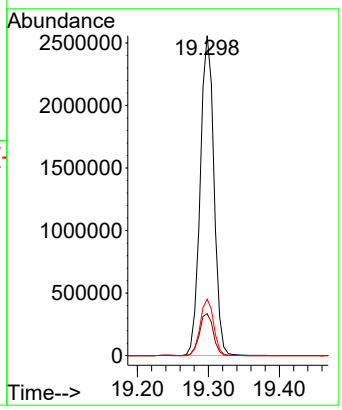


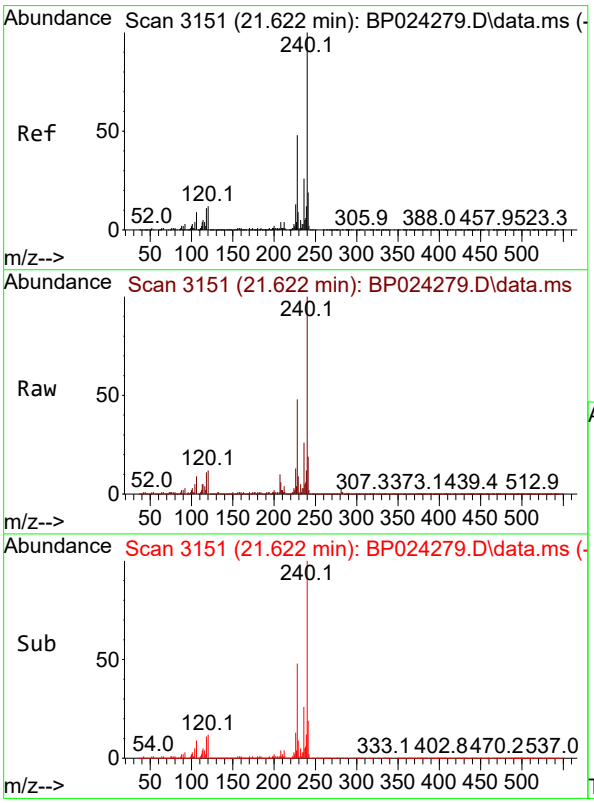
#75
Fluoranthene
Concen: 41.404 ng
RT: 19.298 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 3441282

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.2
203	17.7	0.0	37.7

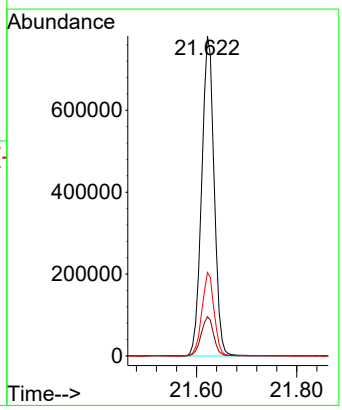


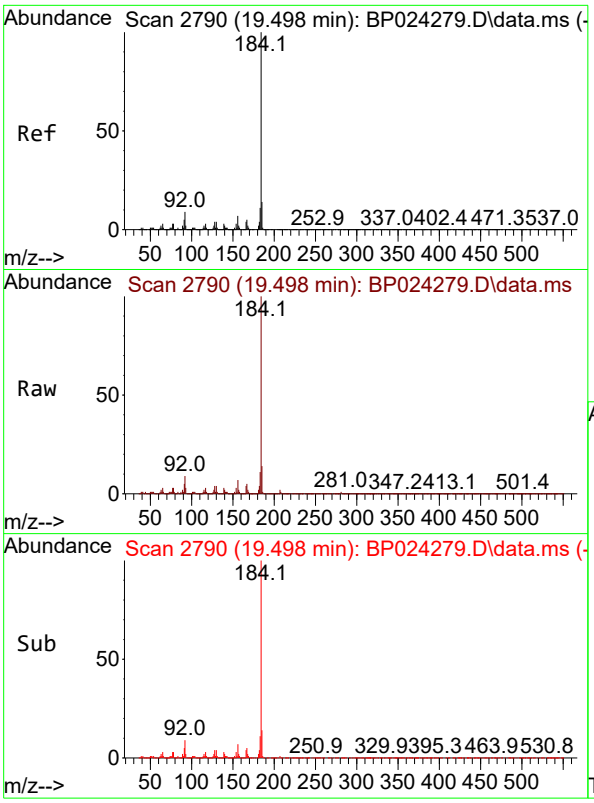


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.622 min Scan# 3151
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:240 Resp: 1349860

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.8	14.8
236	26.1	20.9	31.3



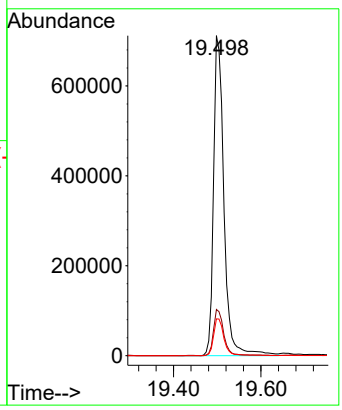


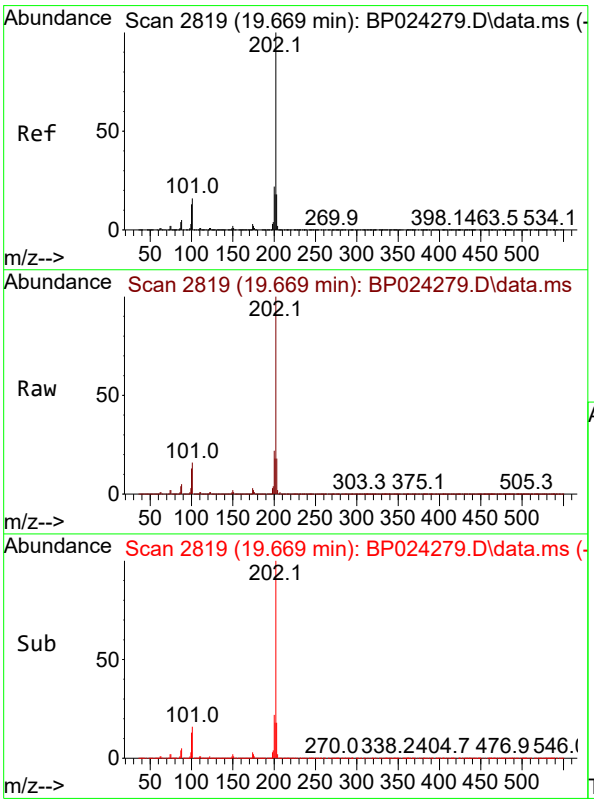
#77
Benzidine
Concen: 70.714 ng
RT: 19.498 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 1178258

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.6	17.4
183	11.5	9.2	13.8

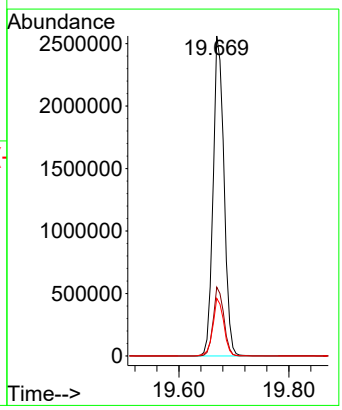


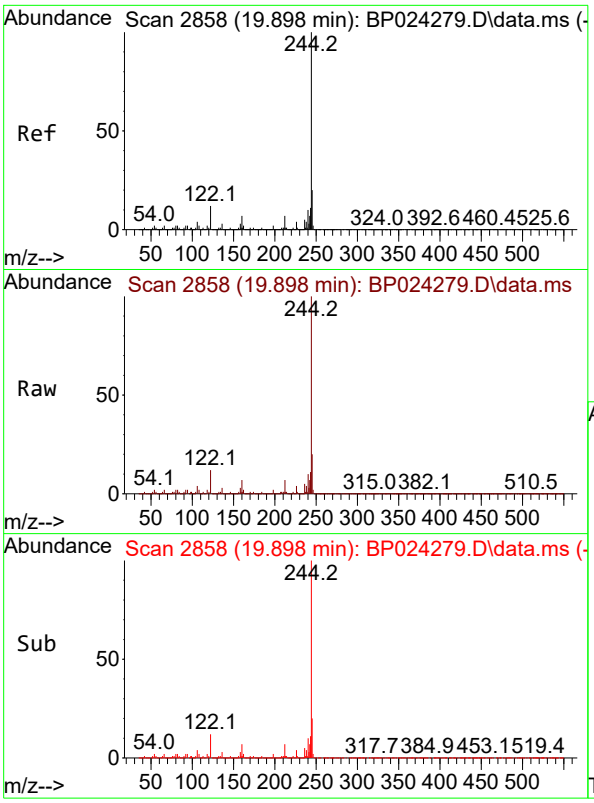


#78
Pyrene
Concen: 40.790 ng
RT: 19.669 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:202 Resp: 3523104

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.2	25.8
203	18.0	14.4	21.6



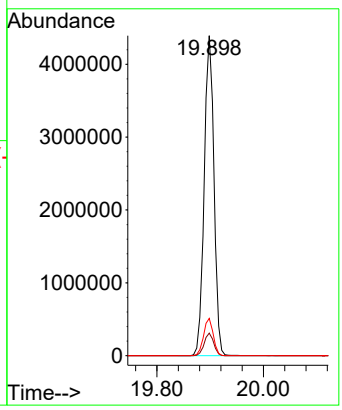


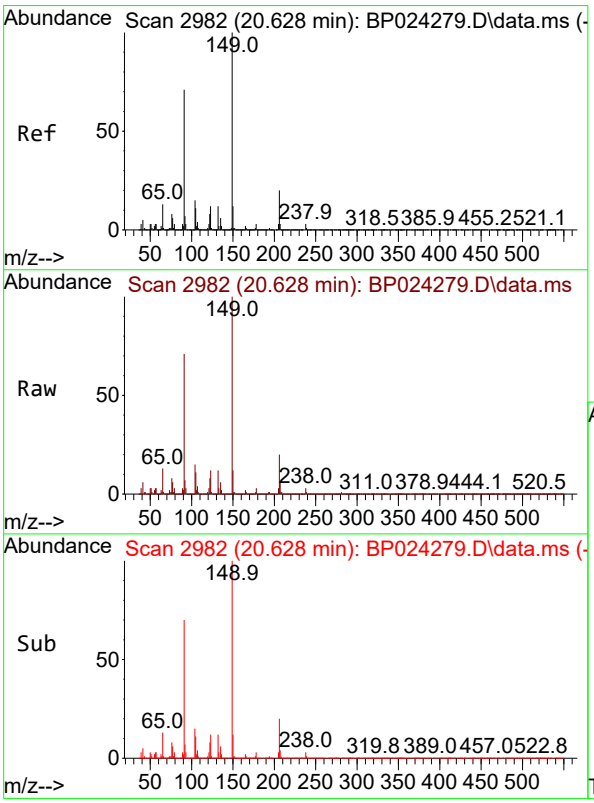
#79
Terphenyl-d14
Concen: 82.266 ng
RT: 19.898 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 5570563

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.7	9.4	14.0

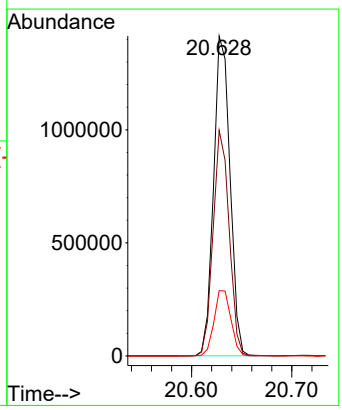


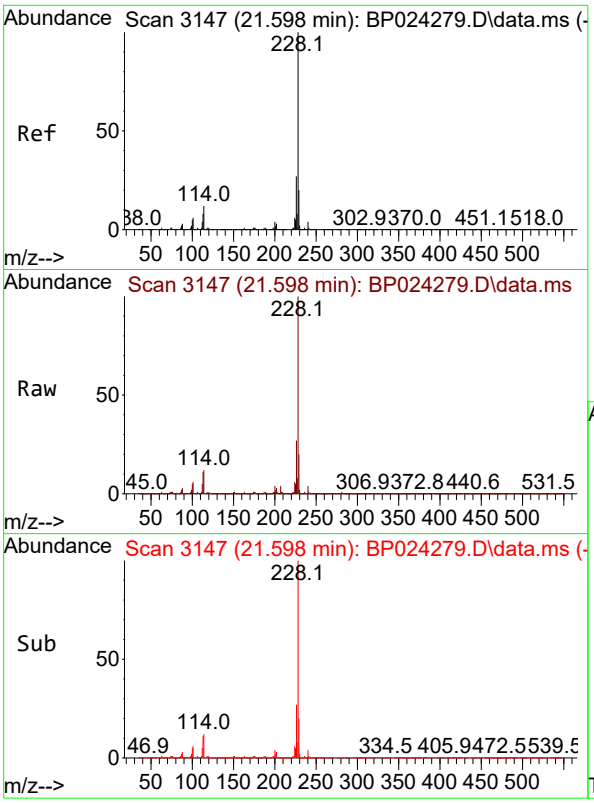


#80
Butylbenzylphthalate
Concen: 44.158 ng
RT: 20.628 min Scan# 2982
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:149 Resp: 1607881

Ion	Ratio	Lower	Upper
149	100		
91	70.5	56.4	84.6
206	20.4	16.3	24.5



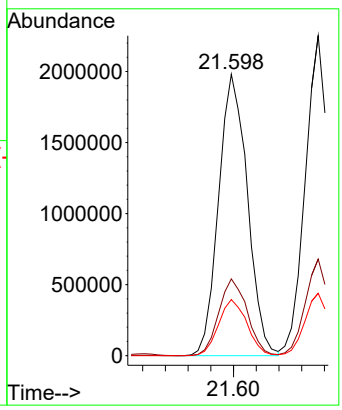


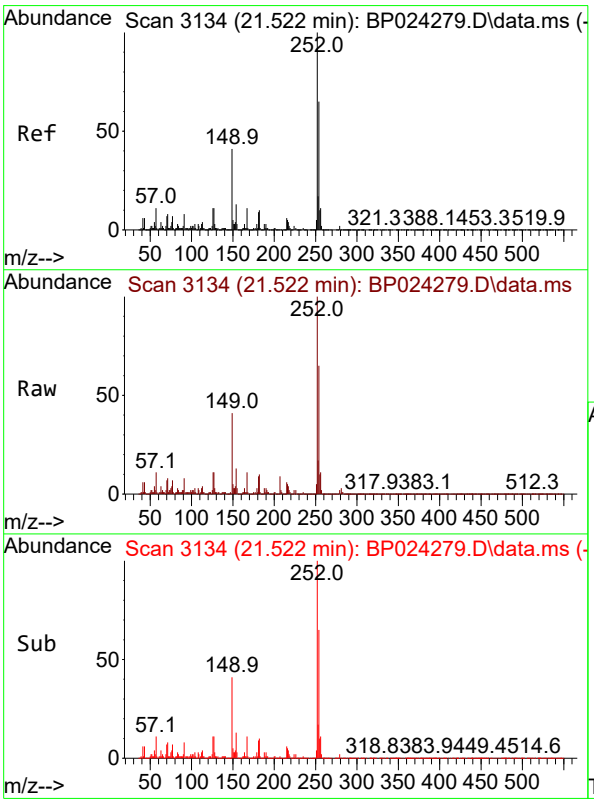
#81
Benzo(a)anthracene
Concen: 41.472 ng
RT: 21.598 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 3489938

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	19.9	15.9	23.9

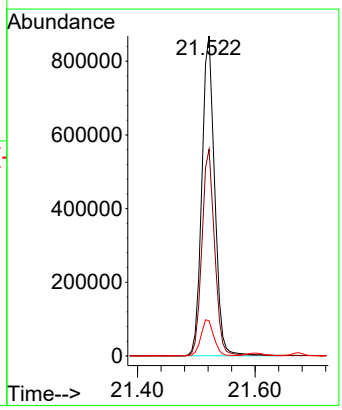


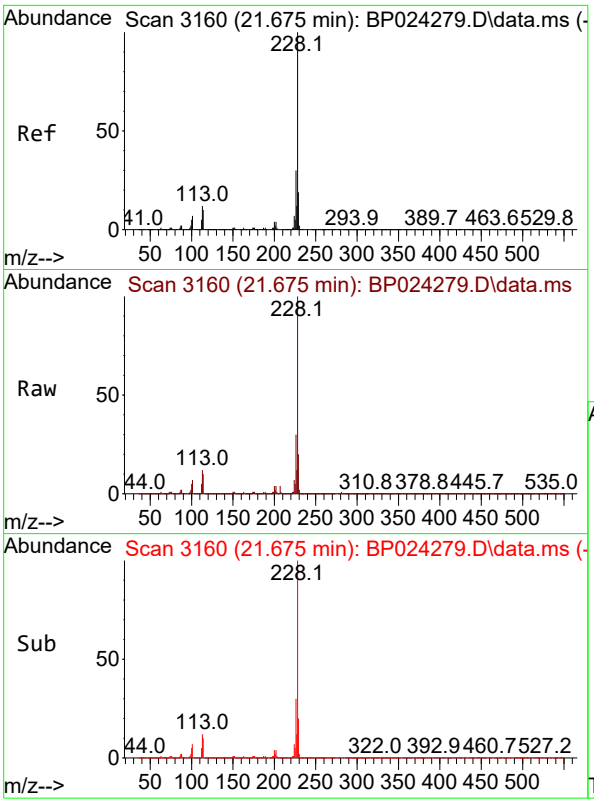


#82
3,3'-Dichlorobenzidine
Concen: 44.953 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:252 Resp: 1311770

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	11.0	8.8	13.2



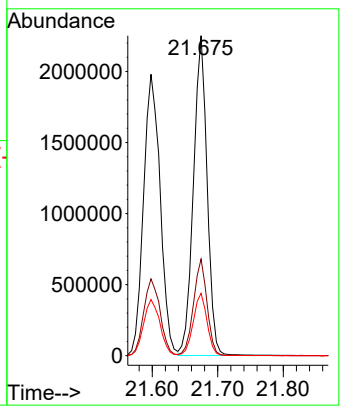


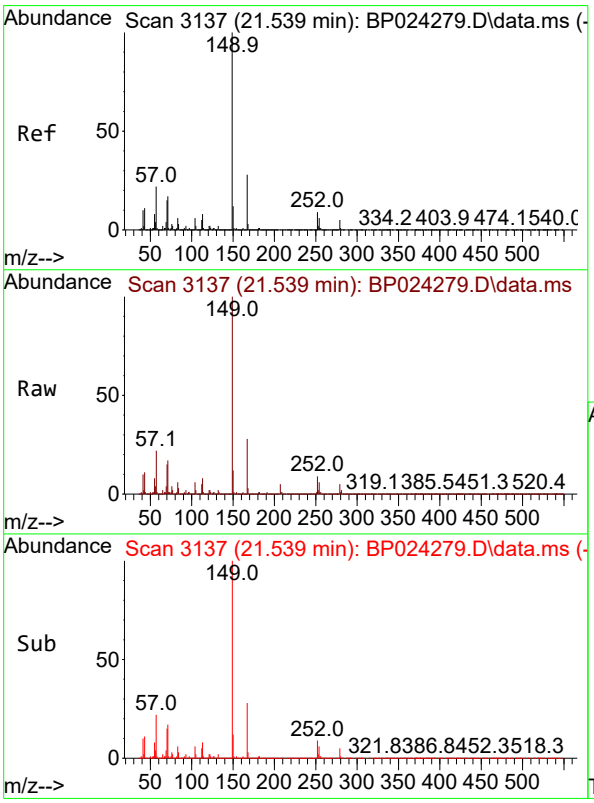
#83
Chrysene
Concen: 40.596 ng
RT: 21.675 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 3274153

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.5	15.6	23.4

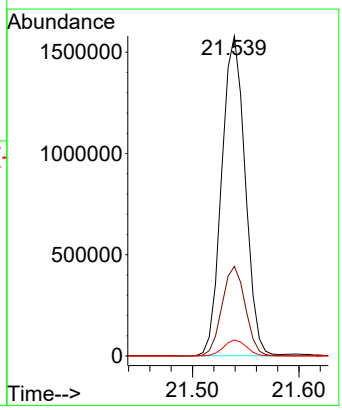


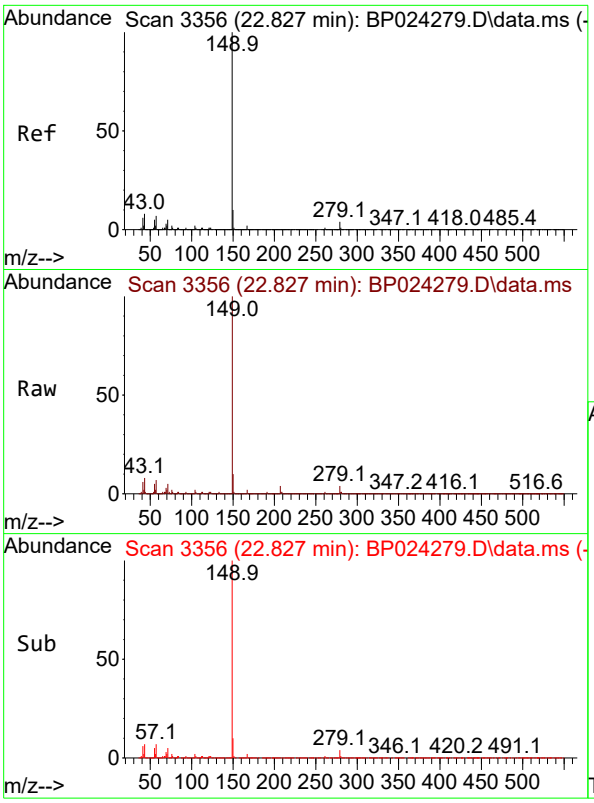


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.979 ng
RT: 21.539 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:149 Resp: 2411998

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.4	33.6
279	5.0	4.0	6.0



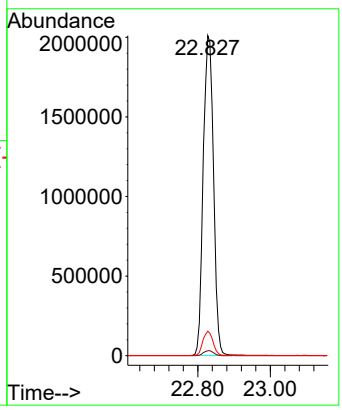


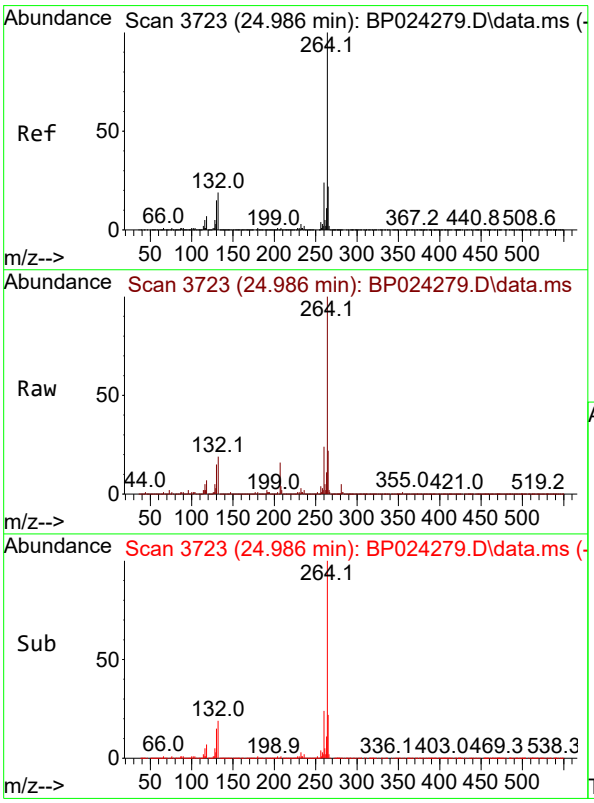
#85
Di-n-octyl phthalate
Concen: 45.913 ng
RT: 22.827 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 3943939

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.5	6.0	9.0

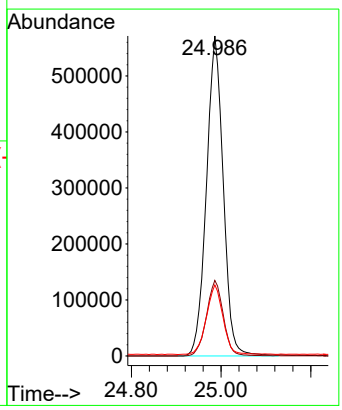


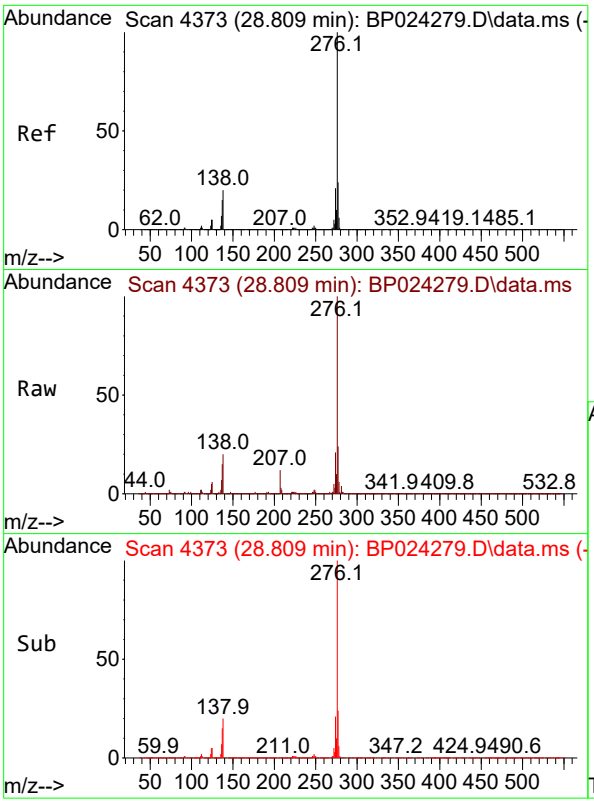


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.986 min Scan# 3723
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:264 Resp: 1485135

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.2	17.8	26.6



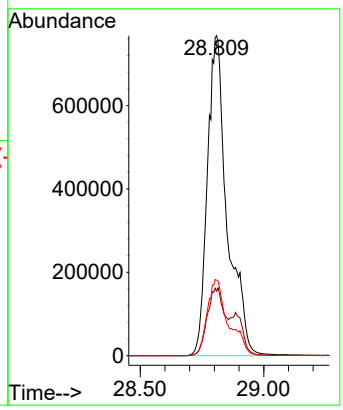


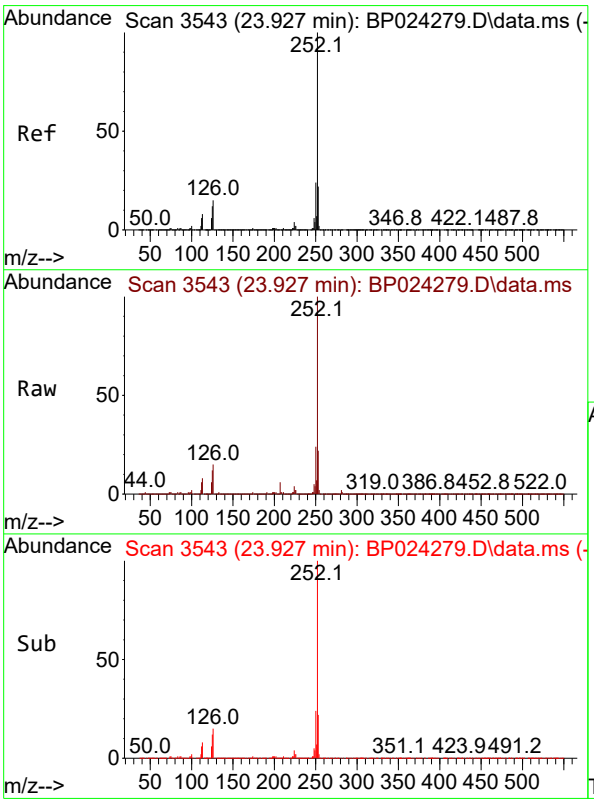
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.987 ng
RT: 28.809 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 4288630

Ion	Ratio	Lower	Upper
276	100		
138	18.1	14.5	21.7
277	25.2	20.2	30.2

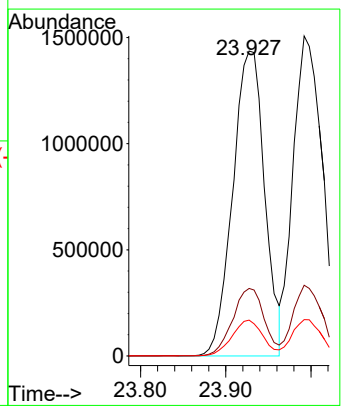


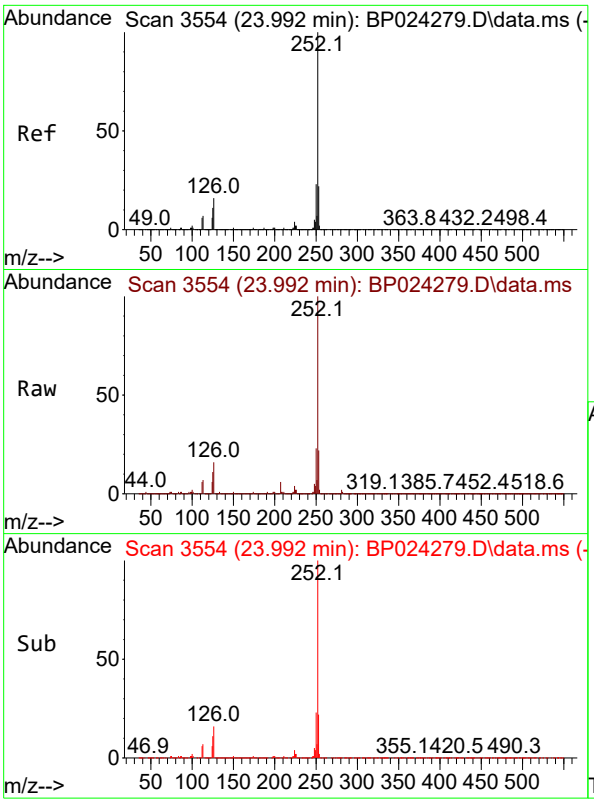


#88
Benzo(b)fluoranthene
Concen: 42.058 ng
RT: 23.927 min Scan# 3543
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:252 Resp: 3737035

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.7	9.4	14.0



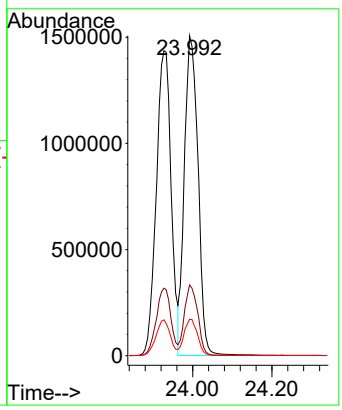


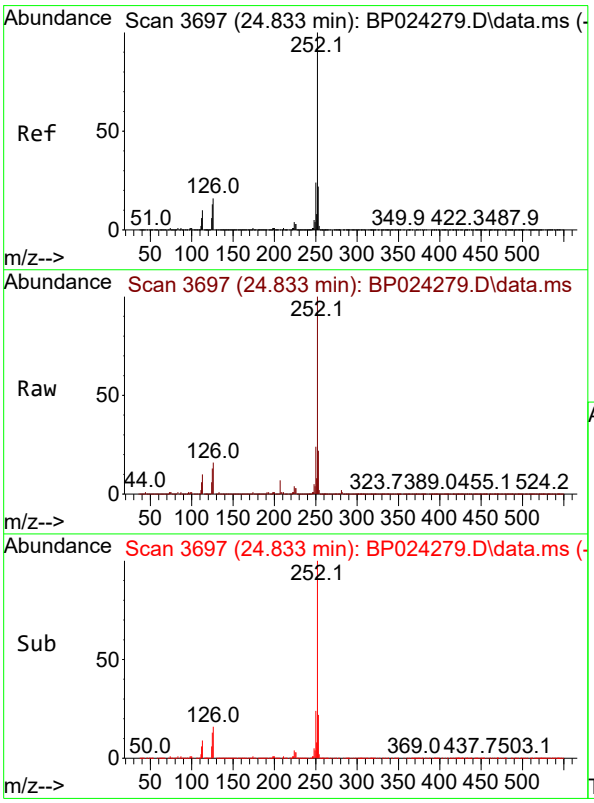
#89
Benzo(k)fluoranthene
Concen: 41.753 ng
RT: 23.992 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 3600626

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.4	9.1	13.7

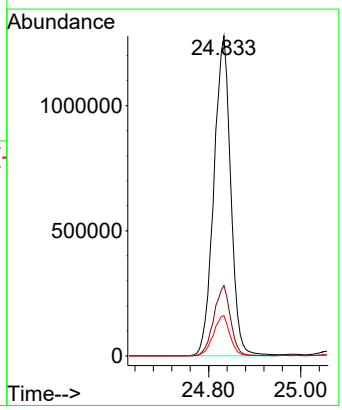


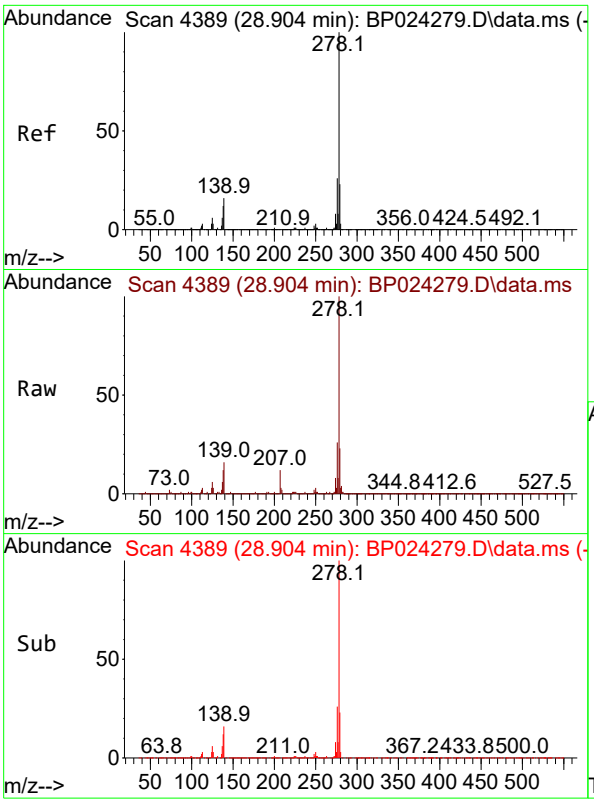


#90
Benzo(a)pyrene
Concen: 42.369 ng
RT: 24.833 min Scan# 3697
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:252 Resp: 3240684

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	12.6	10.1	15.1



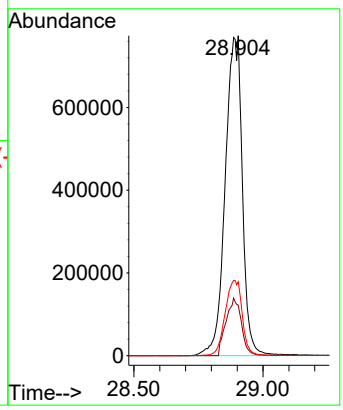


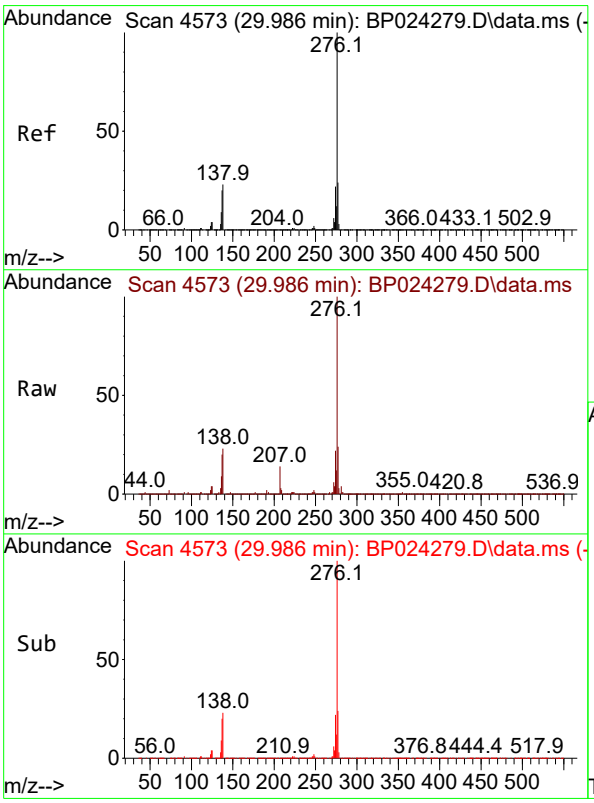
#91
Dibenzo(a,h)anthracene
Concen: 42.061 ng
RT: 28.904 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 3573562

Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.6	19.0
279	23.1	18.5	27.7

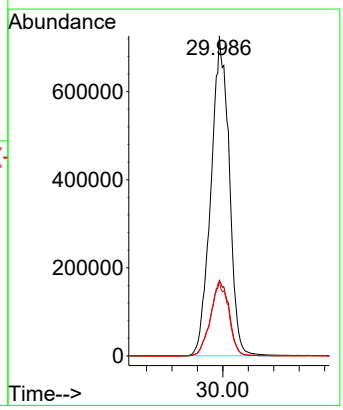




#92
Benzo(g,h,i)perylene
Concen: 41.826 ng
RT: 29.986 min Scan# 4573
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:276 Resp: 3617069

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	23.4	18.7	28.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024280.D
Acq On : 14 Apr 2025 15:10
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Apr 14 17:26:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.734	152	277364	20.000	ng		0.00
21) Naphthalene-d8	10.504	136	1176925	20.000	ng		0.00
39) Acenaphthene-d10	14.363	164	760235	20.000	ng		0.00
64) Phenanthrene-d10	17.163	188	1505097	20.000	ng		0.00
76) Chrysene-d12	21.616	240	1527193	20.000	ng		0.00
86) Perylene-d12	24.986	264	1706545	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	1677842	99.834	ng		0.00
7) Phenol-d6	6.916	99	2353543	102.366	ng		0.00
23) Nitrobenzene-d5	8.881	82	2100100	101.588	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	1098486	105.521	ng		0.00
45) 2-Fluorobiphenyl	12.975	172	4800845	95.877	ng		0.00
79) Terphenyl-d14	19.898	244	7671902	100.142	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	333474	46.479	ng		100
3) Pyridine	3.687	79	924382m	49.495	ng		
4) n-Nitrosodimethylamine	3.593	42	306279	49.180	ng		99
6) Aniline	7.075	93	972988	46.879	ng		100
8) 2-Chlorophenol	7.310	128	942078	50.160	ng		99
9) Benzaldehyde	6.887	77	507606	42.627	ng		97
10) Phenol	6.946	94	1177623	51.012	ng		99
11) bis(2-Chloroethyl)ether	7.163	93	915679	49.085	ng		100
12) 1,3-Dichlorobenzene	7.622	146	972089	47.770	ng		100
13) 1,4-Dichlorobenzene	7.769	146	995872	48.262	ng		99
14) 1,2-Dichlorobenzene	8.087	146	944314	47.327	ng		99
15) Benzyl Alcohol	7.975	79	791998	53.745	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.257	45	973910	47.988	ng		99
17) 2-Methylphenol	8.175	107	766536	51.526	ng		100
18) Hexachloroethane	8.805	117	360999	48.472	ng		98
19) n-Nitroso-di-n-propyla...	8.534	70	722064	50.562	ng		98
20) 3+4-Methylphenols	8.505	107	1086273	52.718	ng		99
22) Acetophenone	8.546	105	1441728	49.289	ng	#	99
24) Nitrobenzene	8.922	77	1025983	50.074	ng		99
25) Isophorone	9.446	82	1913172	51.264	ng		99
26) 2-Nitrophenol	9.622	139	541332	55.024	ng		98
27) 2,4-Dimethylphenol	9.687	122	662183	53.106	ng		99
28) bis(2-Chloroethoxy)met...	9.922	93	1265001	49.803	ng		100
29) 2,4-Dichlorophenol	10.157	162	904519	53.225	ng		100
30) 1,2,4-Trichlorobenzene	10.369	180	908732	49.426	ng		98
31) Naphthalene	10.557	128	3049887	48.957	ng		100
32) Benzoic acid	9.851	122	794832	58.988	ng		99
33) 4-Chloroaniline	10.669	127	1110772	51.030	ng		99
34) Hexachlorobutadiene	10.840	225	533336	49.450	ng		99
35) Caprolactam	11.463	113	339834	54.466	ng		100
36) 4-Chloro-3-methylphenol	11.798	107	1046795	52.860	ng		99
37) 2-Methylnaphthalene	12.169	142	2156247	49.942	ng		99
38) 1-Methylnaphthalene	12.393	142	2095184	49.538	ng		99
40) 1,2,4,5-Tetrachloroben...	12.540	216	1034638	49.522	ng		99
41) Hexachlorocyclopentadiene	12.522	237	378578	51.614	ng		99
43) 2,4,6-Trichlorophenol	12.787	196	732902	53.315	ng		96

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024280.D
Acq On : 14 Apr 2025 15:10
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Apr 14 17:26:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

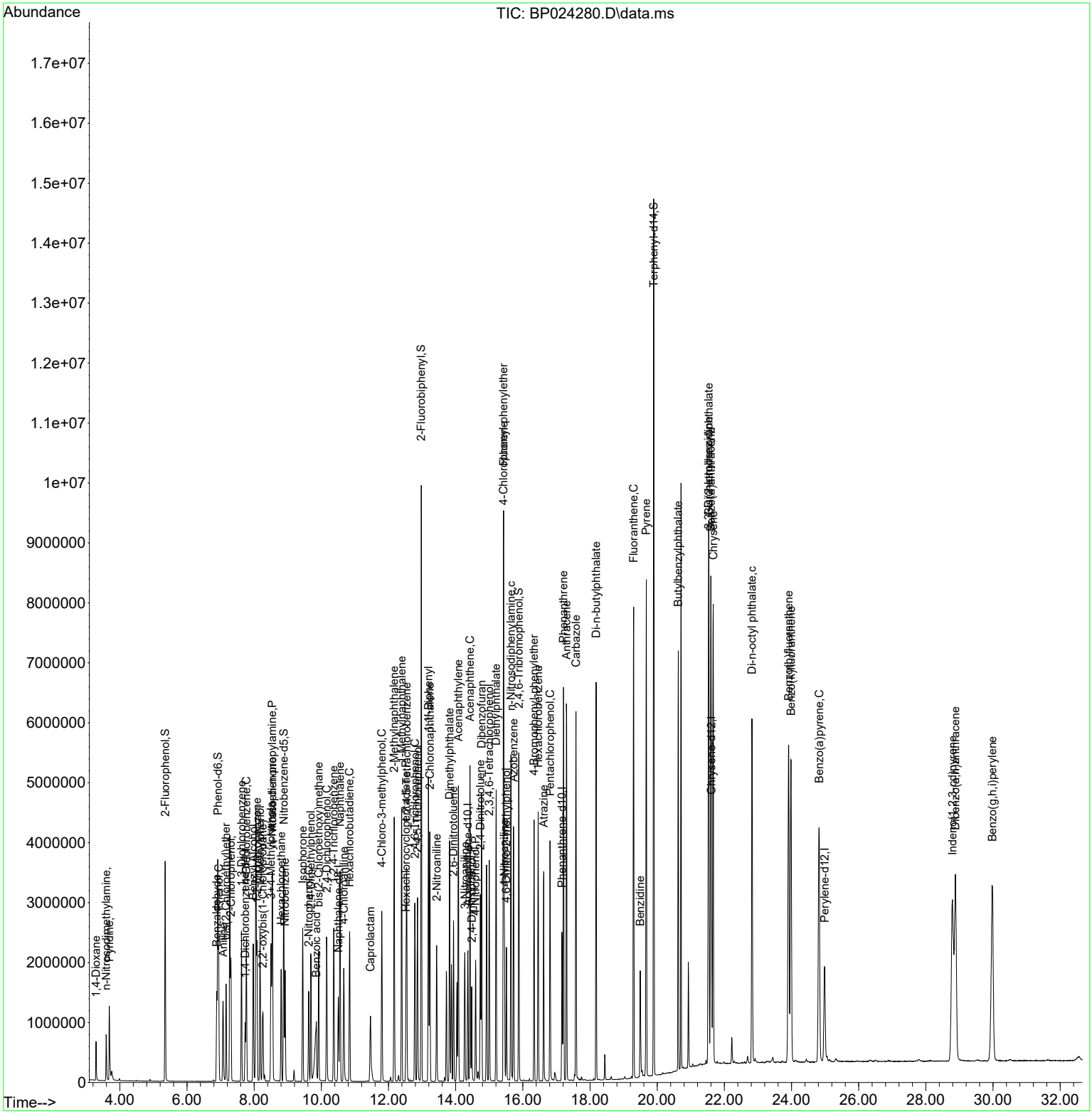
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	814885	53.491	ng	98
46) 1,1'-Biphenyl	13.187	154	2725840	48.551	ng	99
47) 2-Chloronaphthalene	13.234	162	2062098	49.220	ng	100
48) 2-Nitroaniline	13.434	65	616599	53.282	ng	98
49) Acenaphthylene	14.081	152	3279666	49.877	ng	100
50) Dimethylphthalate	13.822	163	2775759	50.046	ng	100
51) 2,6-Dinitrotoluene	13.934	165	606525	51.903	ng	98
52) Acenaphthene	14.428	154	2054333	49.128	ng	100
53) 3-Nitroaniline	14.275	138	649071	53.536	ng	98
54) 2,4-Dinitrophenol	14.481	184	373165	59.640	ng	99
55) Dibenzofuran	14.769	168	3318798	48.392	ng	100
56) 4-Nitrophenol	14.592	139	581023	55.750	ng	97
57) 2,4-Dinitrotoluene	14.734	165	839701	53.160	ng	99
58) Fluorene	15.428	166	2599105	49.085	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.998	232	734741	52.128	ng	100
60) Diethylphthalate	15.204	149	2849294	49.914	ng	100
61) 4-Chlorophenyl-phenyle...	15.422	204	1267291	49.287	ng	99
62) 4-Nitroaniline	15.451	138	691081	53.764	ng	96
63) Azobenzene	15.722	77	2632843	50.076	ng	99
65) 4,6-Dinitro-2-methylph...	15.510	198	503765	57.285	ng	97
66) n-Nitrosodiphenylamine	15.645	169	2225475	49.312	ng	100
67) 4-Bromophenyl-phenylether	16.334	248	827245	50.389	ng	99
68) Hexachlorobenzene	16.457	284	983768	50.405	ng	98
69) Atrazine	16.622	200	610479	53.356	ng	100
70) Pentachlorophenol	16.810	266	739779	55.203	ng	99
71) Phenanthrene	17.210	178	4024282	48.768	ng	100
72) Anthracene	17.298	178	3960913	49.883	ng	100
73) Carbazole	17.581	167	3814743	49.364	ng	100
74) Di-n-butylphthalate	18.180	149	4930617	51.208	ng	100
75) Fluoranthene	19.298	202	4815021	49.160	ng	99
77) Benzidine	19.498	184	1272924	67.525	ng	99
78) Pyrene	19.675	202	4942328	50.577	ng	100
80) Butylbenzylphthalate	20.627	149	2215843	53.788	ng	97
81) Benzo(a)anthracene	21.598	228	4711301	49.485	ng	99
82) 3,3'-Dichlorobenzidine	21.527	252	1768950	53.582	ng	99
83) Chrysene	21.669	228	4480150	49.099	ng	100
84) Bis(2-ethylhexyl)phtha...	21.539	149	3256722	53.679	ng	99
85) Di-n-octyl phthalate	22.821	149	5458484	56.166	ng	99
87) Indeno(1,2,3-cd)pyrene	28.792	276	5977144m	50.926	ng	
88) Benzo(b)fluoranthene	23.915	252	5102465	49.975	ng	99
89) Benzo(k)fluoranthene	23.986	252	4923203	49.683	ng	99
90) Benzo(a)pyrene	24.821	252	4490517	51.093	ng	100
91) Dibenzo(a,h)anthracene	28.880	278	4987219	51.084	ng	98
92) Benzo(g,h,i)perylene	29.980	276	5033807	50.656	ng	99

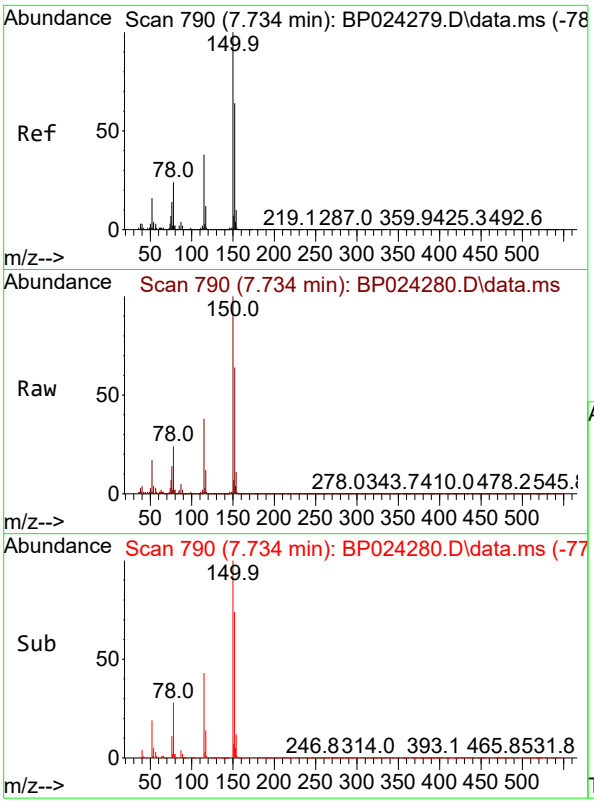
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024280.D
Acq On : 14 Apr 2025 15:10
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Apr 14 17:26:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration



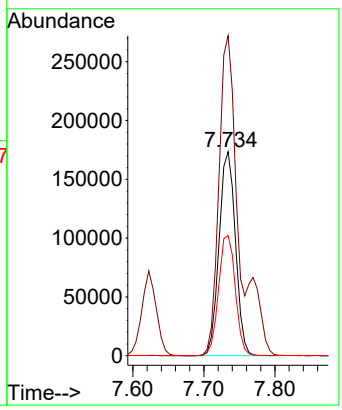


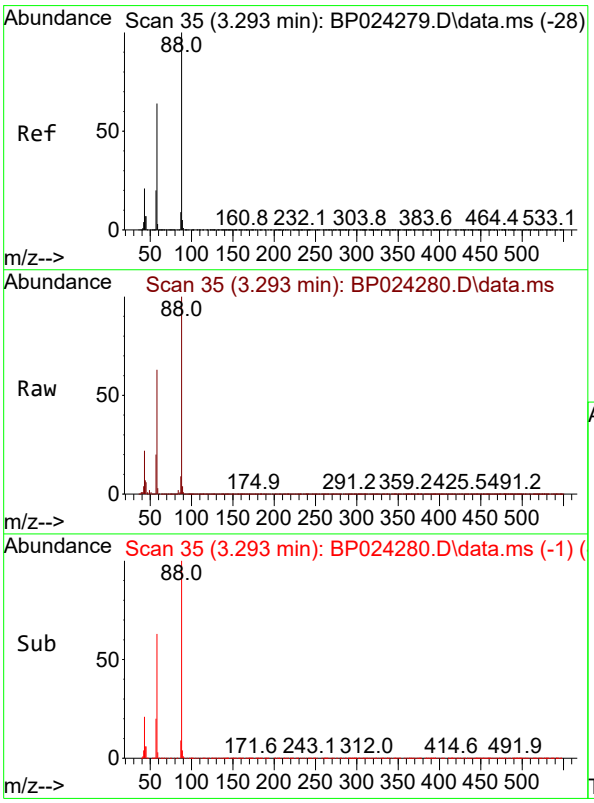
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 277364

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.9	187.3
115	58.9	47.7	71.5

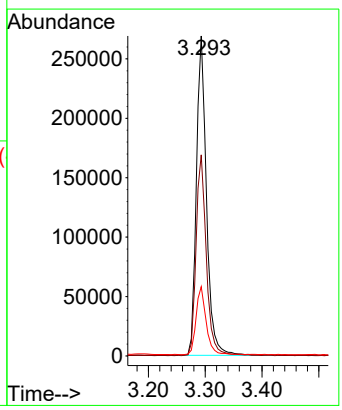


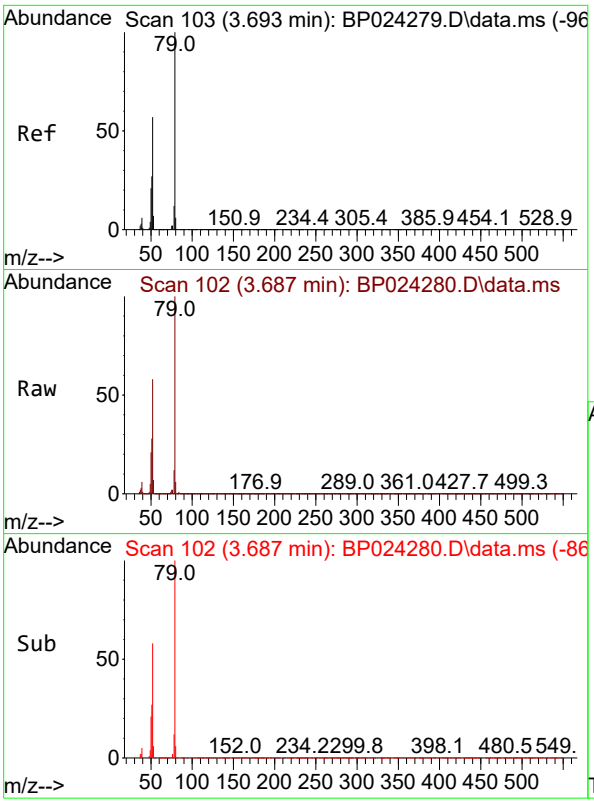


#2
1,4-Dioxane
Concen: 46.479 ng
RT: 3.293 min Scan# 35
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 88 Resp: 333474

Ion	Ratio	Lower	Upper
88	100		
58	64.0	51.4	77.2
43	21.2	17.1	25.7



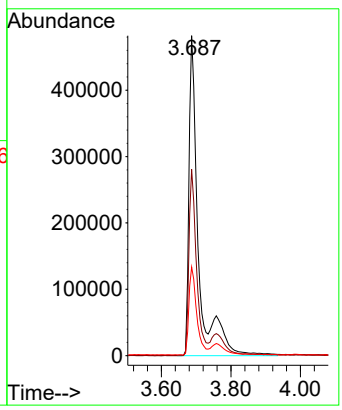


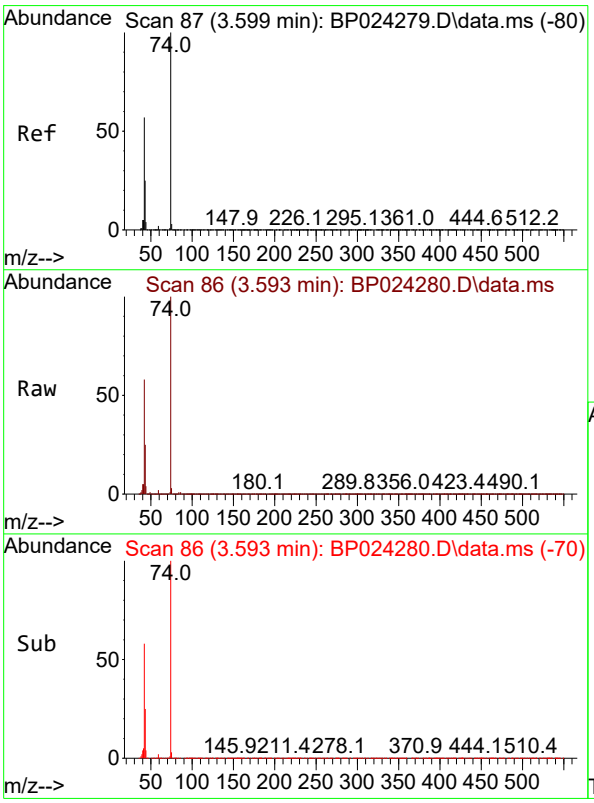
#3
Pyridine
Concen: 49.495 ng m
RT: 3.687 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 924382

Ion	Ratio	Lower	Upper
79	100		
52	58.2	45.4	68.2
51	27.7	22.6	33.8

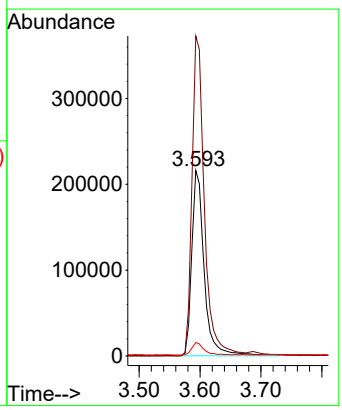


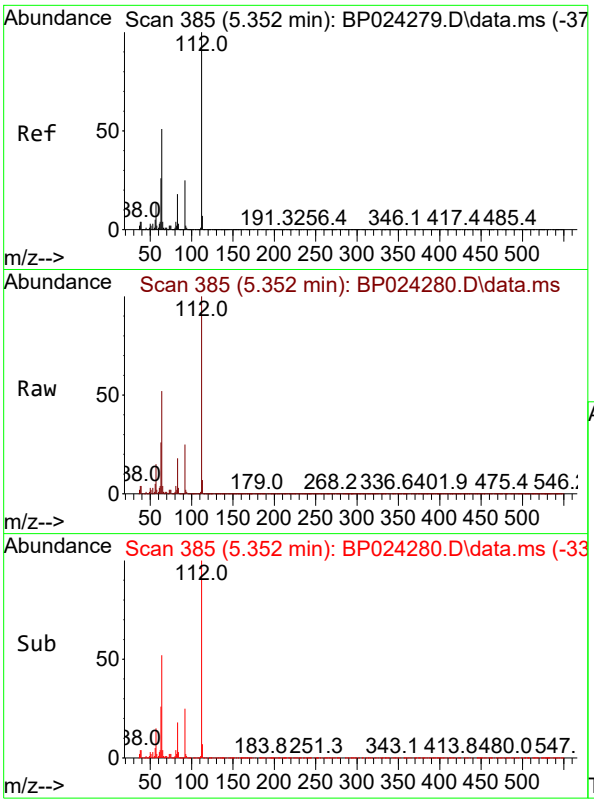


#4
n-Nitrosodimethylamine
Concen: 49.180 ng
RT: 3.593 min Scan# 86
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 42 Resp: 306279

Ion	Ratio	Lower	Upper
42	100		
74	172.6	139.5	209.3
44	7.3	5.8	8.8



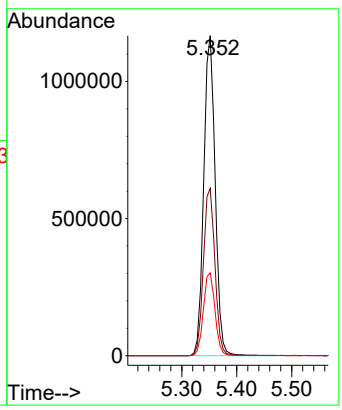


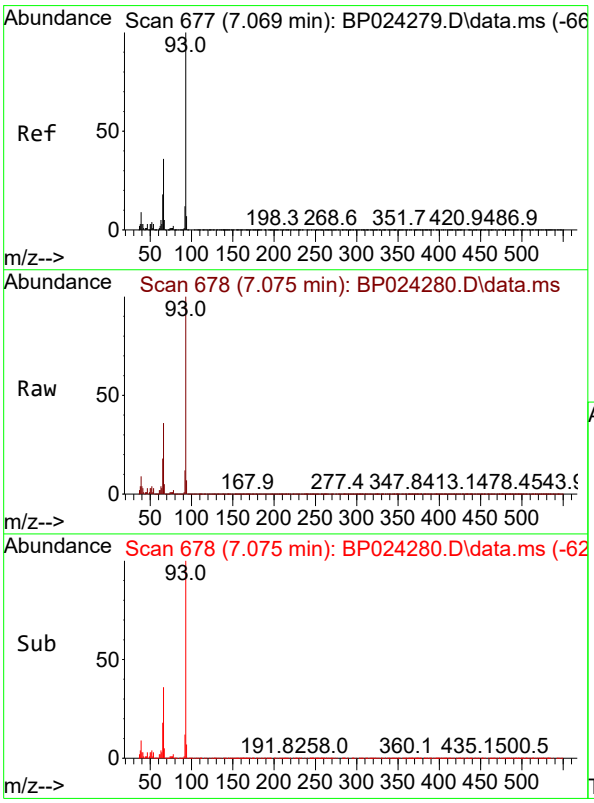
#5
2-Fluorophenol
Concen: 99.834 ng
RT: 5.352 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 1677842

Ion	Ratio	Lower	Upper
112	100		
64	52.2	41.1	61.7
63	25.9	20.6	30.8

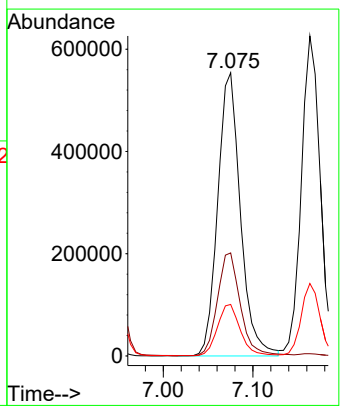


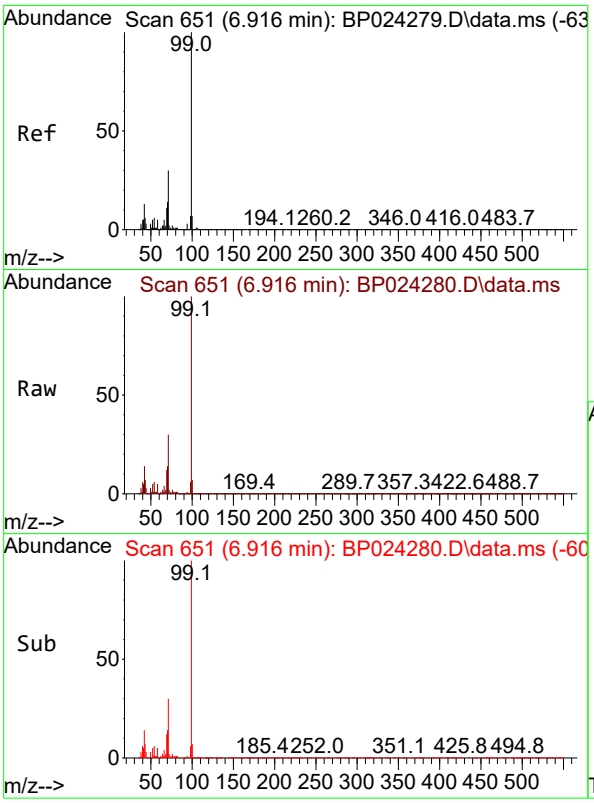


#6
Aniline
Concen: 46.879 ng
RT: 7.075 min Scan# 678
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 93 Resp: 972988

Ion	Ratio	Lower	Upper
93	100		
66	36.4	29.1	43.7
65	18.2	14.7	22.1



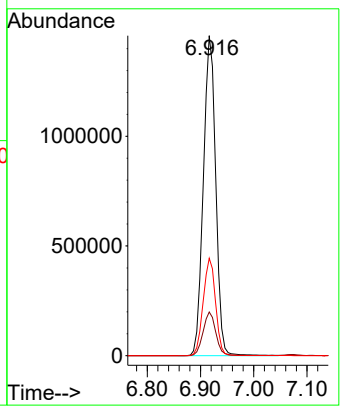


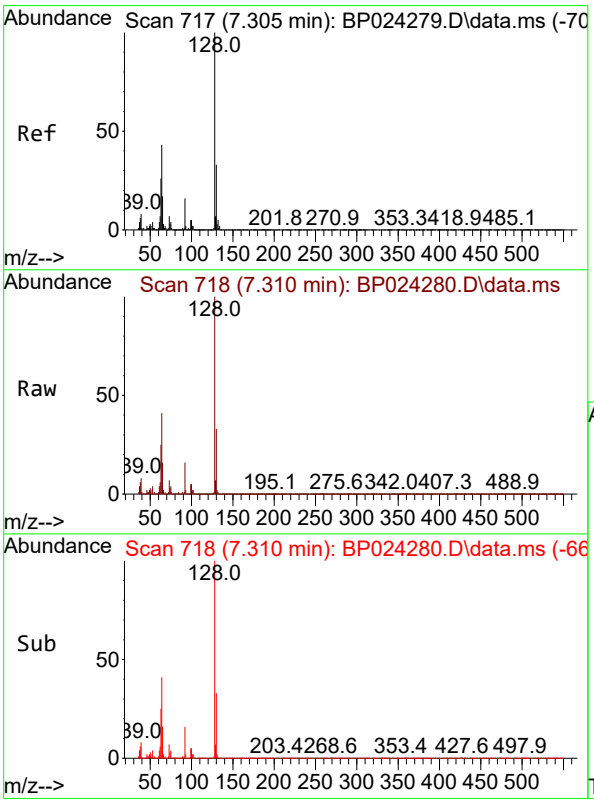
#7
Phenol-d6
Concen: 102.366 ng
RT: 6.916 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 2353543

Ion	Ratio	Lower	Upper
99	100		
42	13.7	10.6	16.0
71	30.4	23.7	35.5

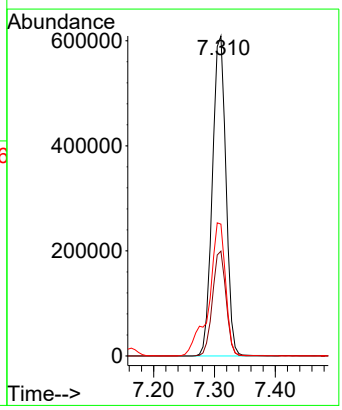


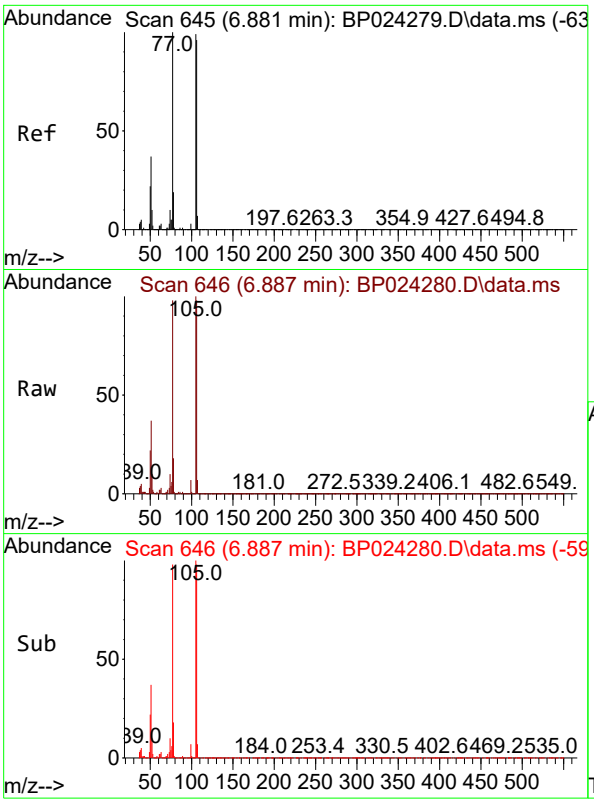


#8
2-Chlorophenol
Concen: 50.160 ng
RT: 7.310 min Scan# 718
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:128 Resp: 942078

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.9	52.9
64	41.2	22.7	62.7



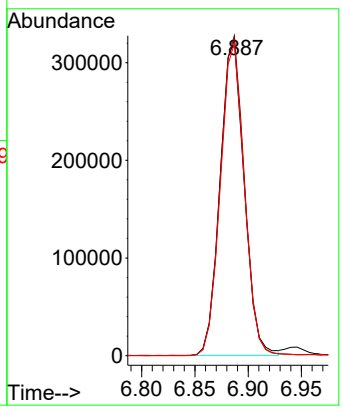


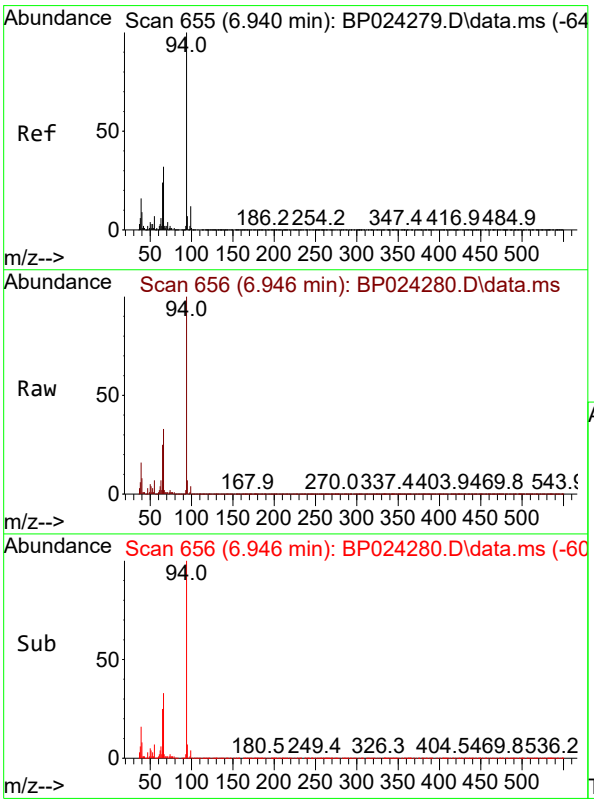
#9
Benzaldehyde
Concen: 42.627 ng
RT: 6.887 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 507606

Ion	Ratio	Lower	Upper
77	100		
105	101.5	79.2	119.2
106	99.2	76.2	116.2

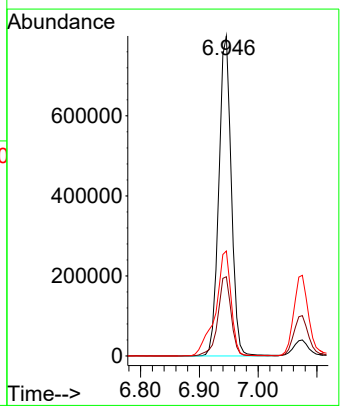


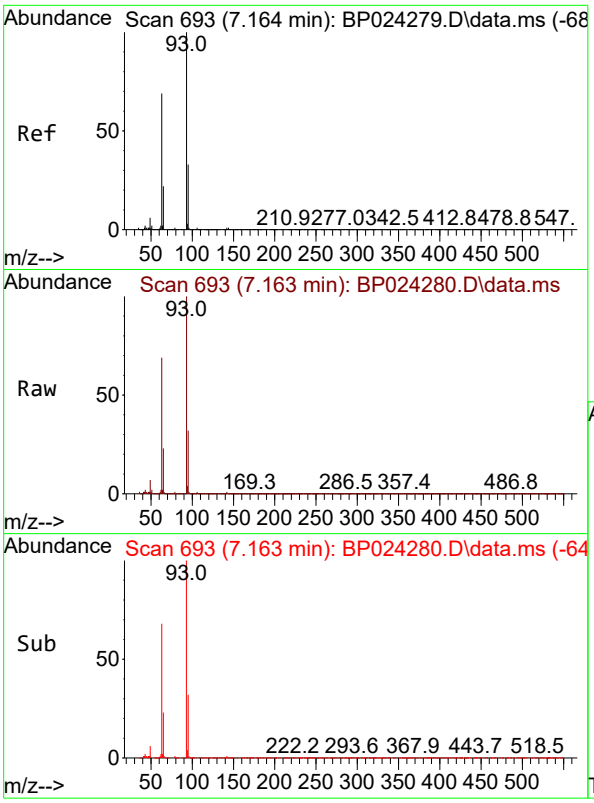


#10
Phenol
Concen: 51.012 ng
RT: 6.946 min Scan# 656
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 94 Resp: 1177623

Ion	Ratio	Lower	Upper
94	100		
65	24.8	4.5	44.5
66	32.8	12.4	52.4



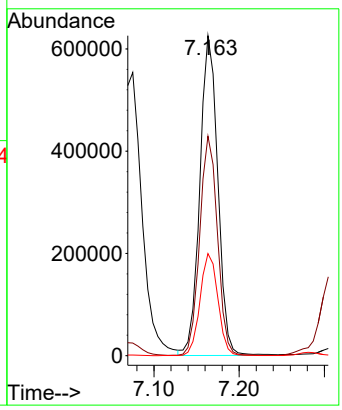


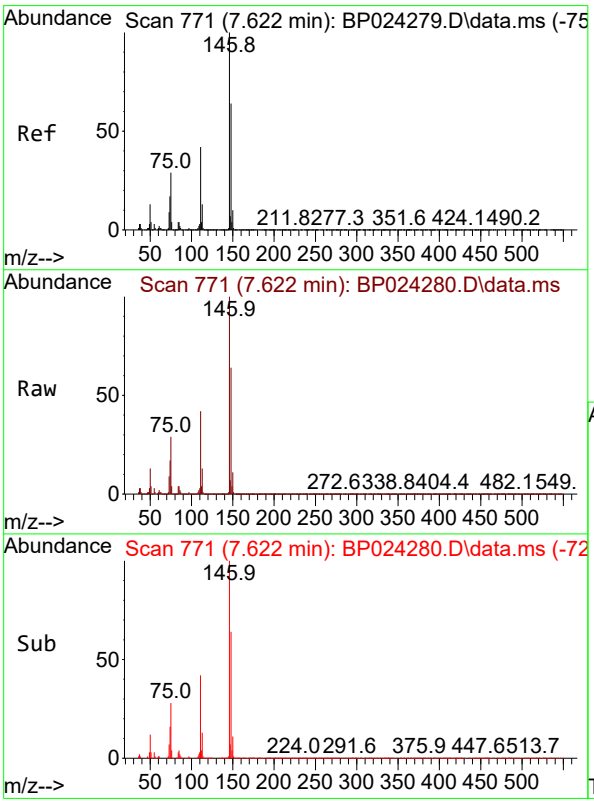
#11
bis(2-Chloroethyl)ether
Concen: 49.085 ng
RT: 7.163 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 915679

Ion	Ratio	Lower	Upper
93	100		
63	68.6	48.6	88.6
95	31.9	12.3	52.3

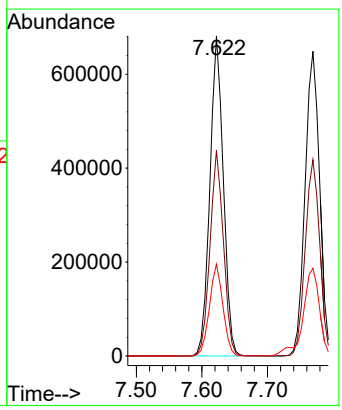


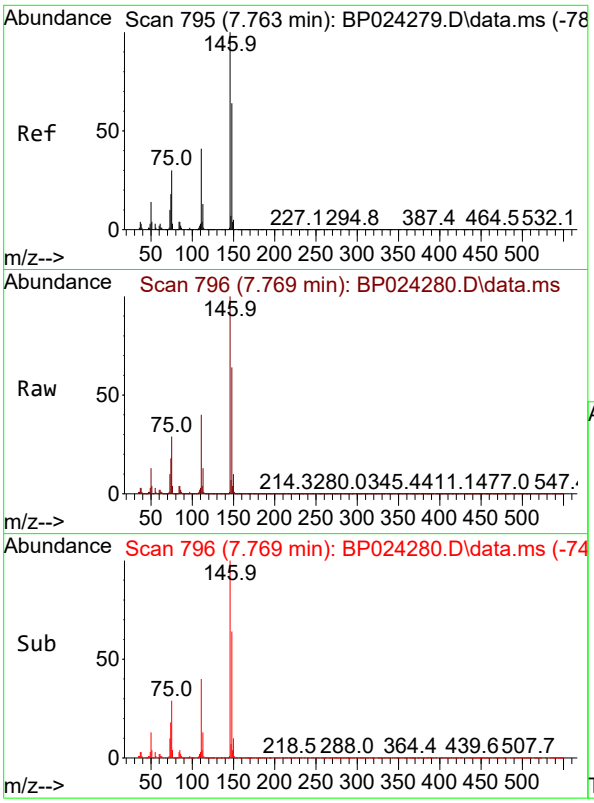


#12
1,3-Dichlorobenzene
Concen: 47.770 ng
RT: 7.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:146 Resp: 972089

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
75	28.7	22.9	34.3



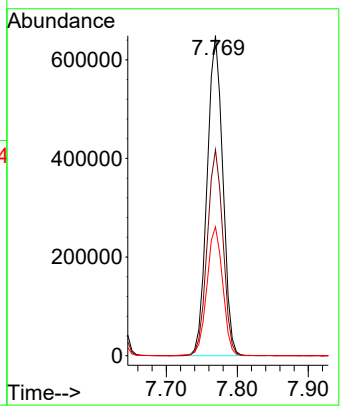


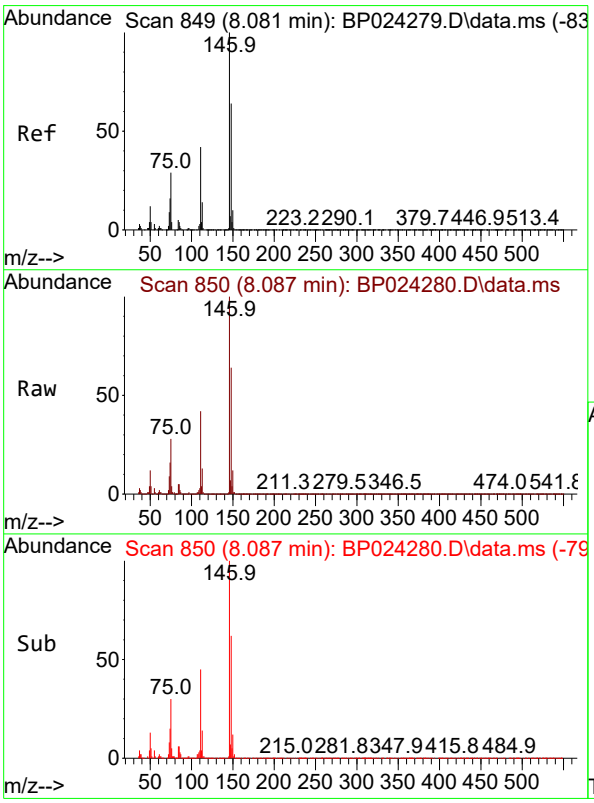
#13
1,4-Dichlorobenzene
Concen: 48.262 ng
RT: 7.769 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 995872

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.1	76.7
111	40.3	32.6	48.8

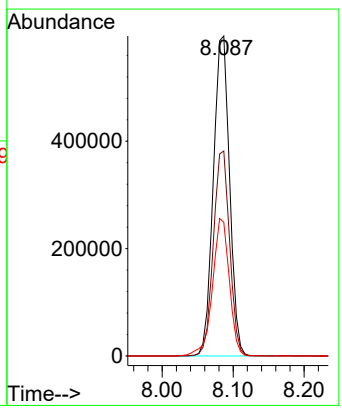


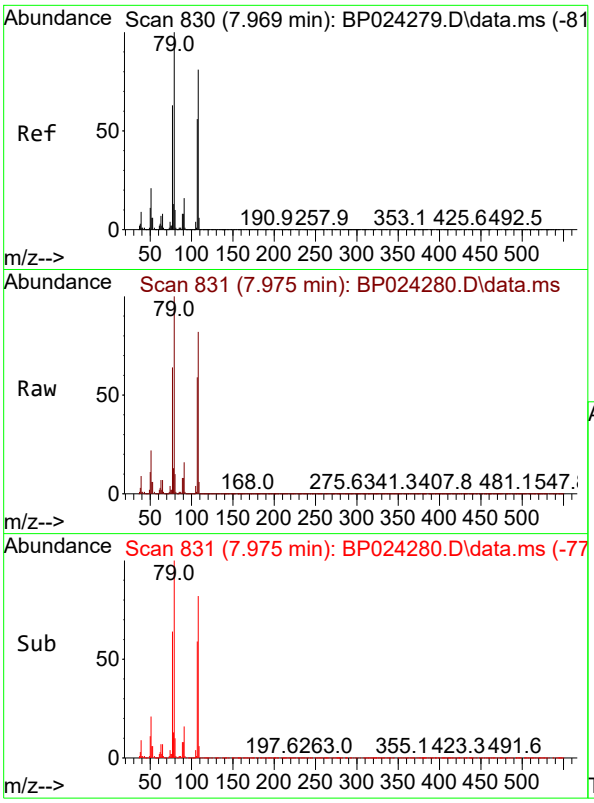


#14
1,2-Dichlorobenzene
Concen: 47.327 ng
RT: 8.087 min Scan# 850
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:146 Resp: 944314

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.4
111	41.8	33.8	50.8



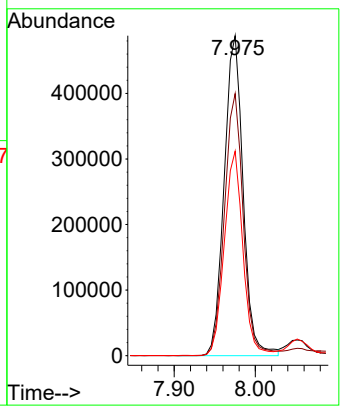


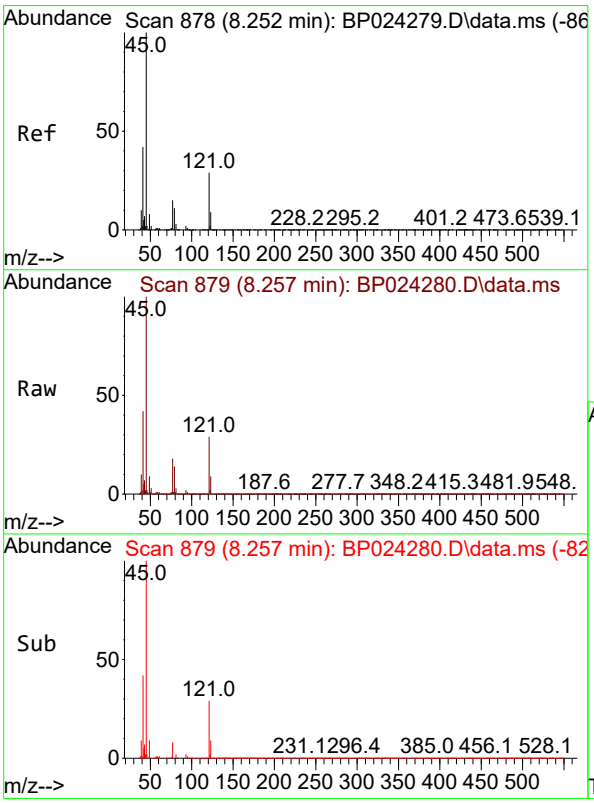
#15
Benzyl Alcohol
Concen: 53.745 ng
RT: 7.975 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 791998

Ion	Ratio	Lower	Upper
79	100		
108	81.9	65.1	97.7
77	63.9	50.7	76.1

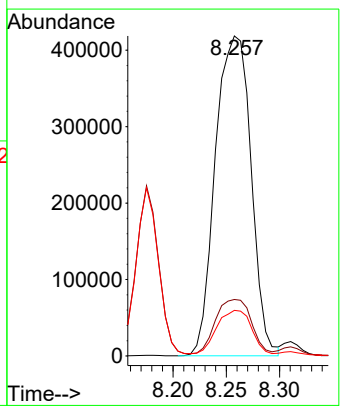


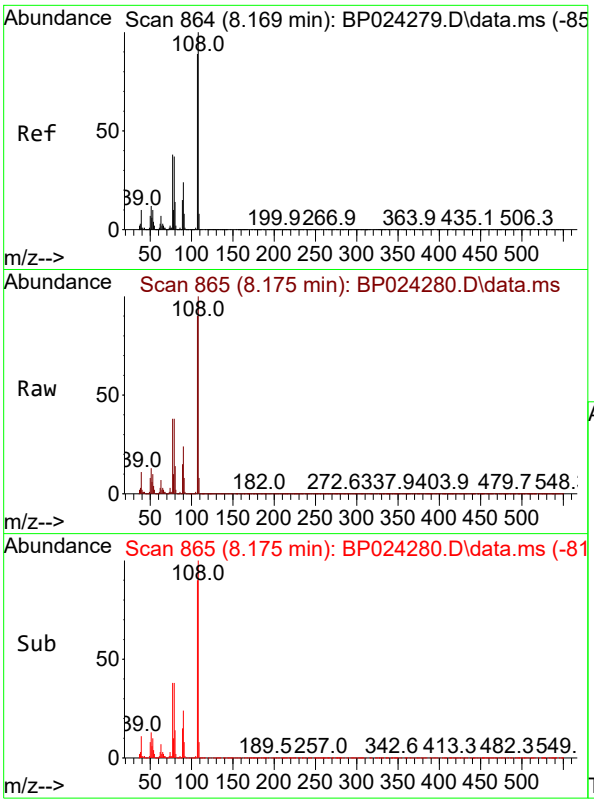


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.988 ng
RT: 8.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 45 Resp: 973910

Ion	Ratio	Lower	Upper
45	100		
77	17.6	0.0	37.7
79	14.2	0.0	33.5



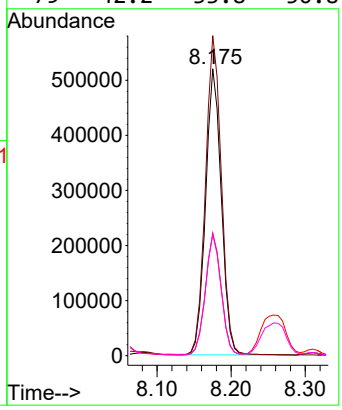


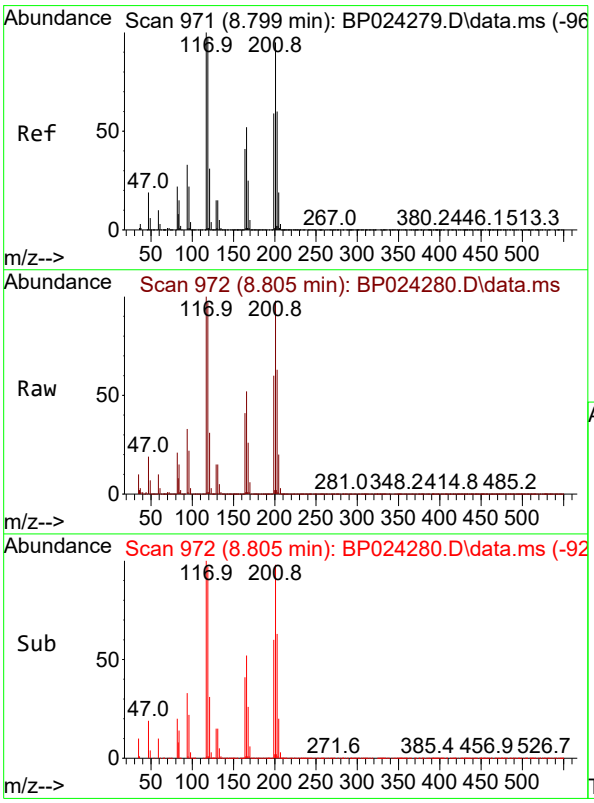
#17
2-Methylphenol
Concen: 51.526 ng
RT: 8.175 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 766536

Ion	Ratio	Lower	Upper
107	100		
108	111.5	89.8	134.6
77	42.7	34.2	51.4
79	42.2	33.8	50.8

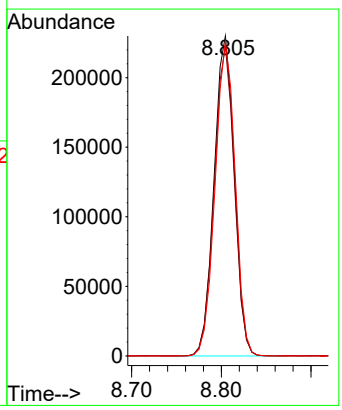


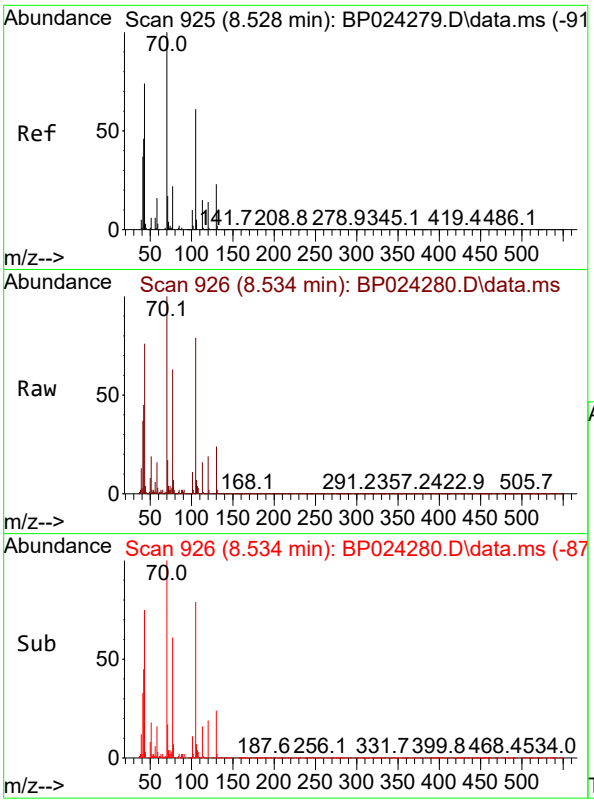


#18
Hexachloroethane
Concen: 48.472 ng
RT: 8.805 min Scan# 972
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:117 Resp: 360999

Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.8	116.6
201	98.2	75.9	113.9



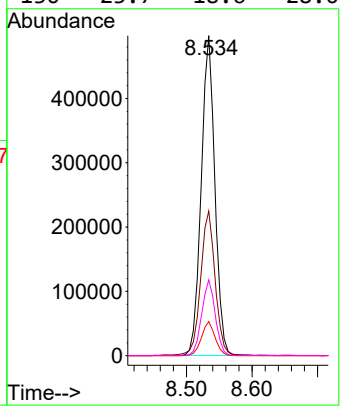


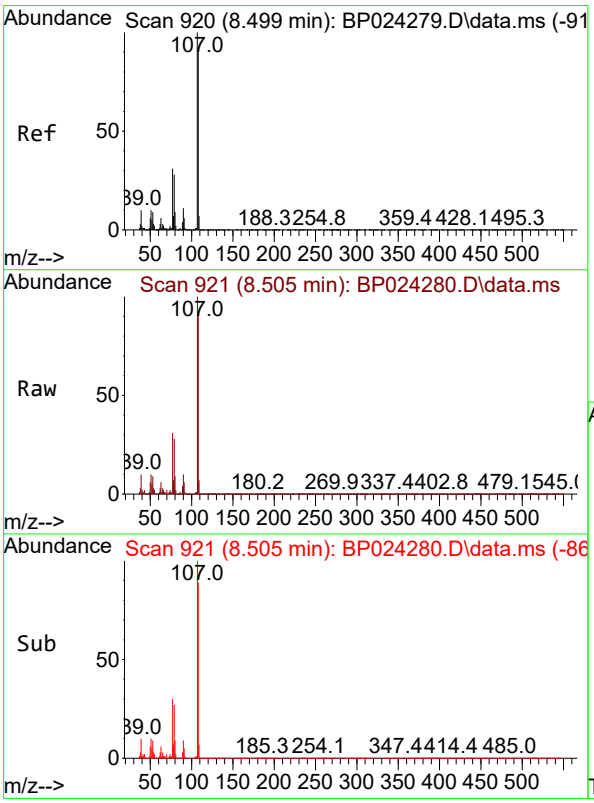
#19
n-Nitroso-di-n-propylamine
Concen: 50.562 ng
RT: 8.534 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 722064

Ion	Ratio	Lower	Upper
70	100		
42	45.2	37.3	55.9
101	10.6	8.2	12.4
130	23.7	18.6	28.0

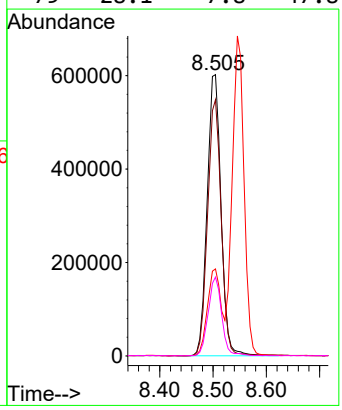


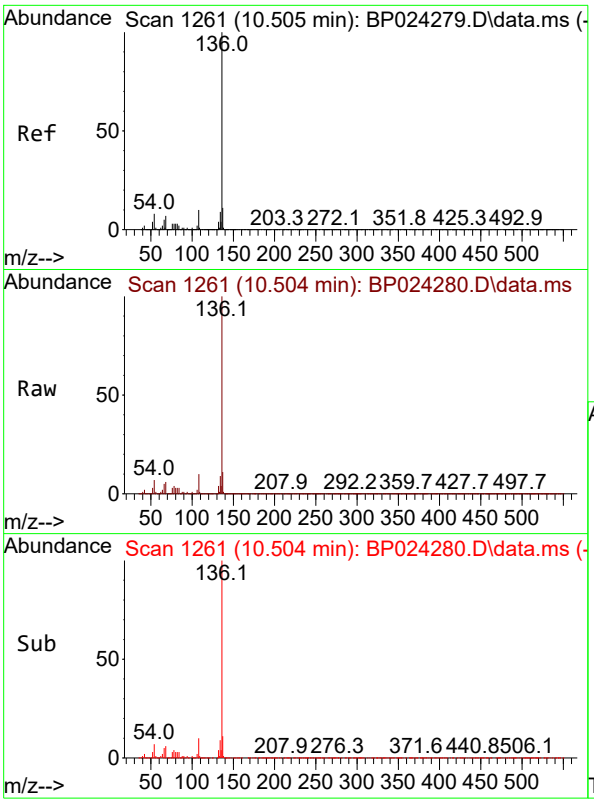


#20
3+4-Methylphenols
Concen: 52.718 ng
RT: 8.505 min Scan# 921
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:107 Resp: 1086273

Ion	Ratio	Lower	Upper
107	100		
108	91.1	69.8	109.8
77	31.0	11.5	51.5
79	28.1	7.8	47.8



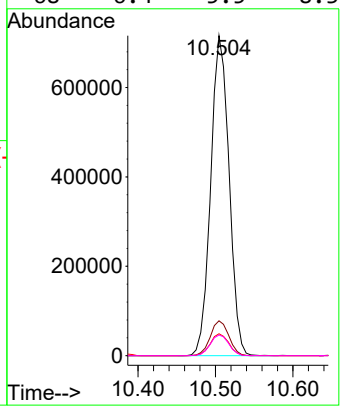


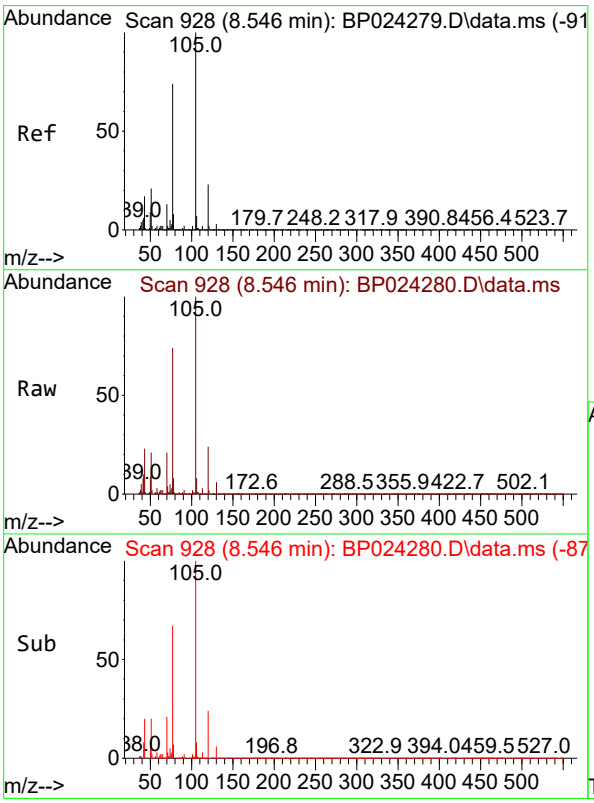
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 1176925

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.9	6.0	9.0
68	6.4	5.5	8.3

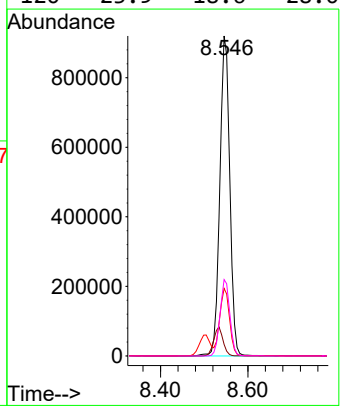


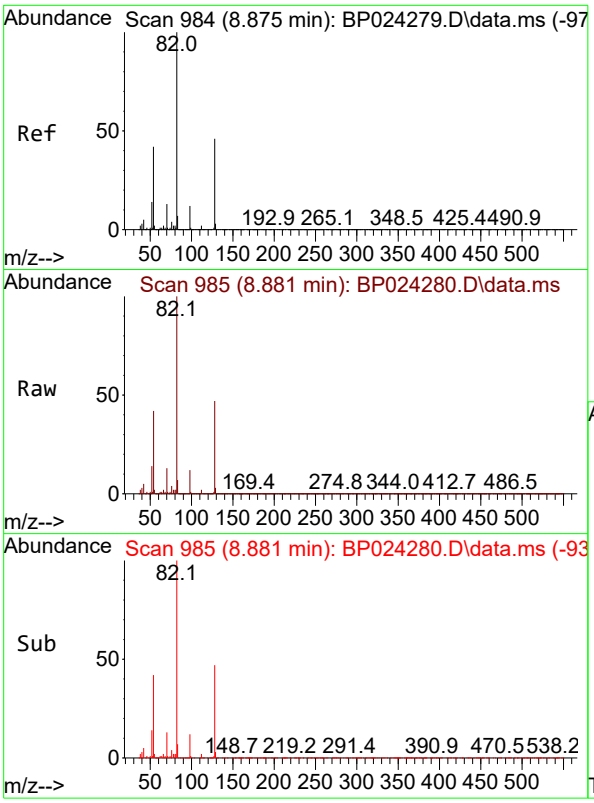


#22
Acetophenone
Concen: 49.289 ng
RT: 8.546 min Scan# 928
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:105 Resp: 1441728

Ion	Ratio	Lower	Upper
105	100		
71	3.6	1.7	2.5#
51	21.1	16.9	25.3
120	23.9	18.6	28.0



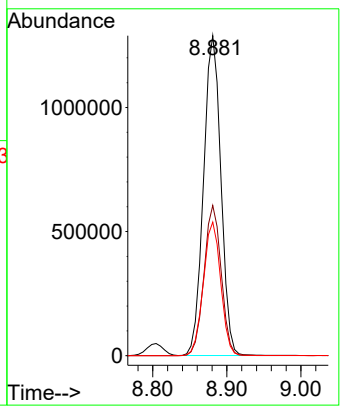


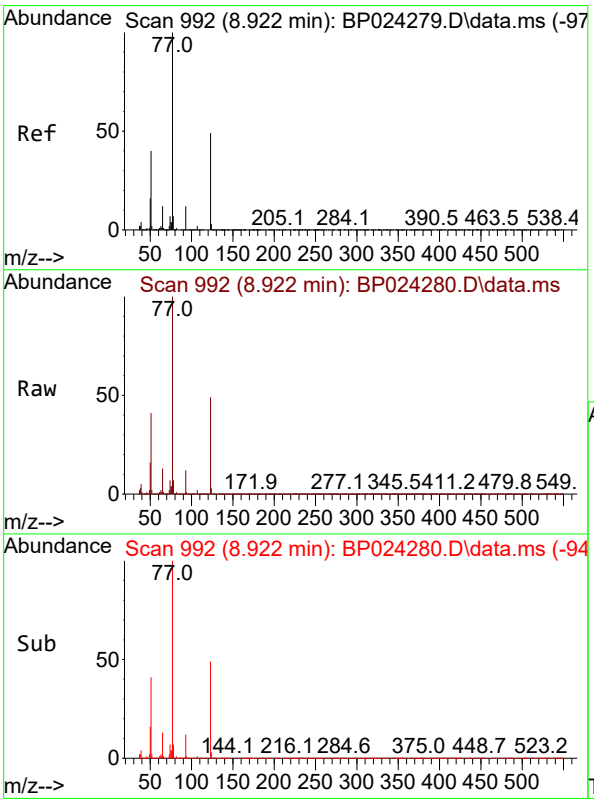
#23
Nitrobenzene-d5
Concen: 101.588 ng
RT: 8.881 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 2100100

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.5	54.7
54	41.8	33.4	50.2

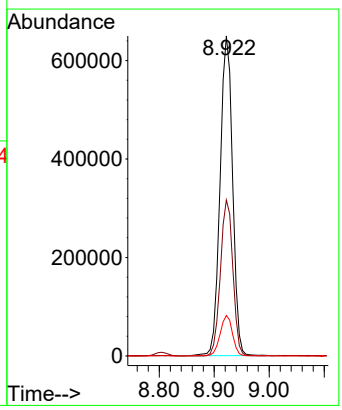


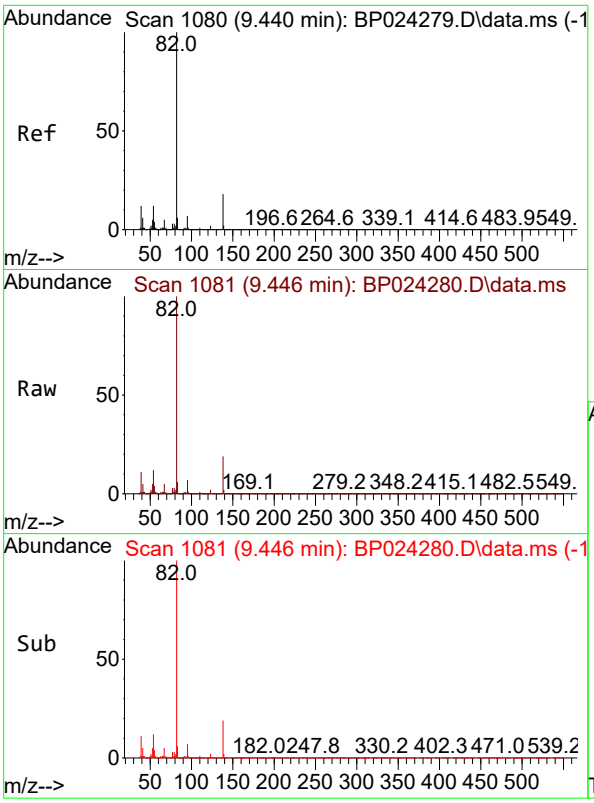


#24
Nitrobenzene
Concen: 50.074 ng
RT: 8.922 min Scan# 992
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 77 Resp: 1025983

Ion	Ratio	Lower	Upper
77	100		
123	48.7	39.2	58.8
65	12.7	9.8	14.6



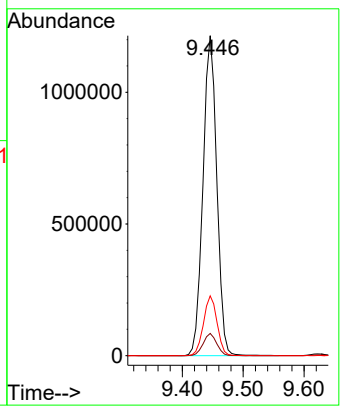


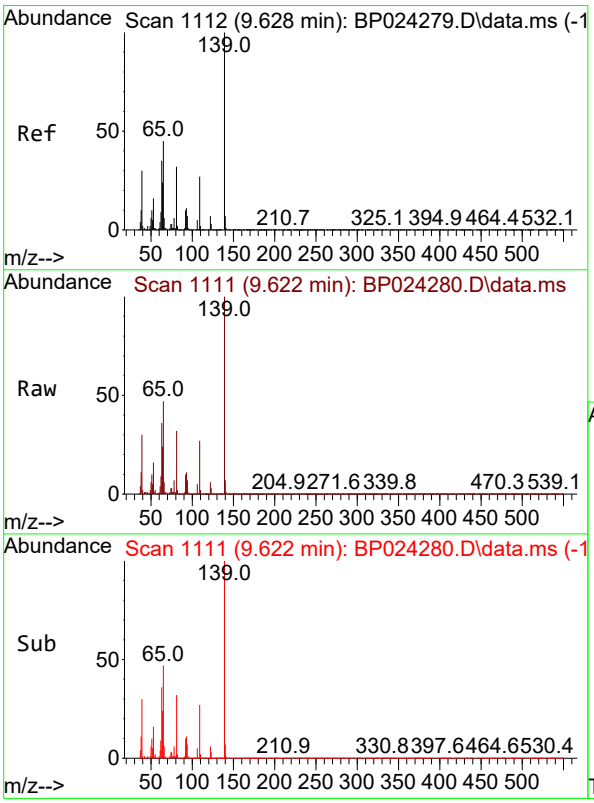
#25
Isophorone
Concen: 51.264 ng
RT: 9.446 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 1913172

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.4	8.2
138	18.7	14.4	21.6

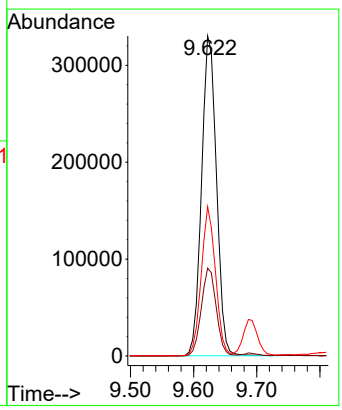


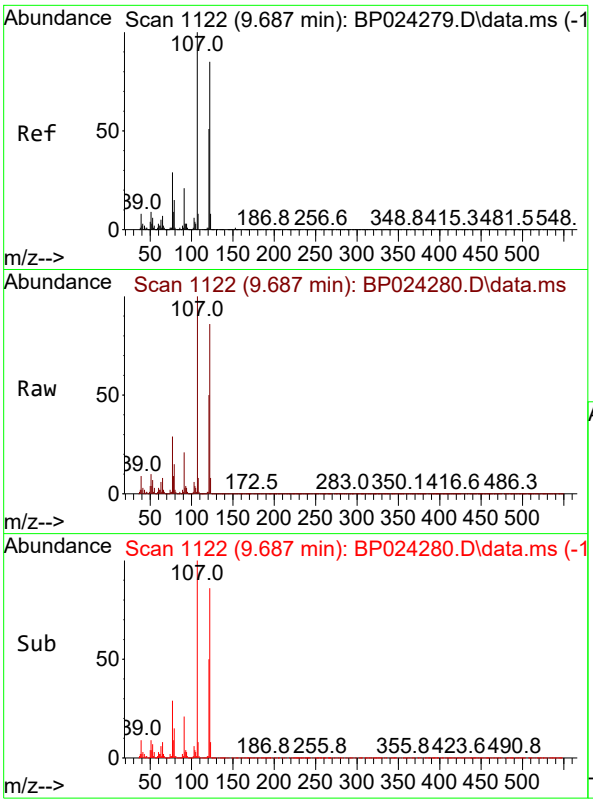


#26
2-Nitrophenol
Concen: 55.024 ng
RT: 9.622 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:139 Resp: 541332

Ion	Ratio	Lower	Upper
139	100		
109	27.5	21.8	32.6
65	46.7	36.2	54.2



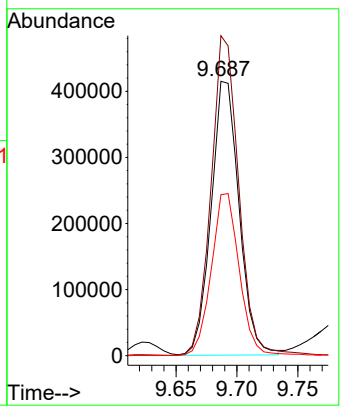


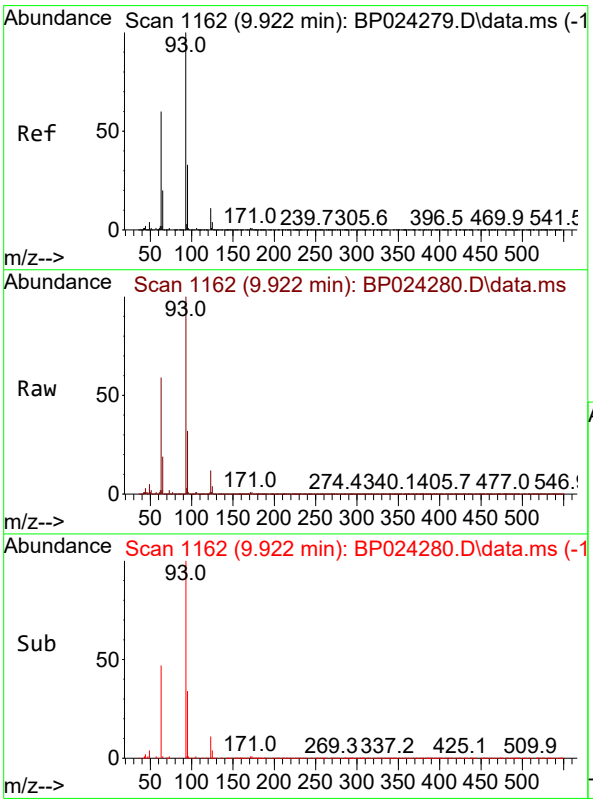
#27
2,4-Dimethylphenol
Concen: 53.106 ng
RT: 9.687 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 662183

Ion	Ratio	Lower	Upper
122	100		
107	116.6	93.7	140.5
121	58.7	48.2	72.2

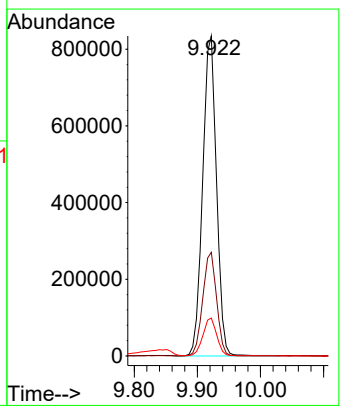


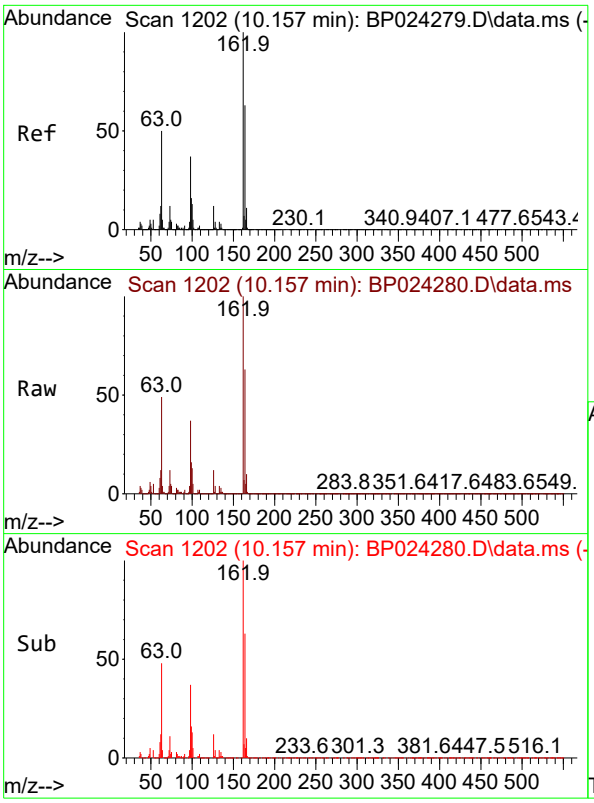


#28
bis(2-Chloroethoxy)methane
Concen: 49.803 ng
RT: 9.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 93 Resp: 1265001

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.0	39.0
123	11.8	9.1	13.7



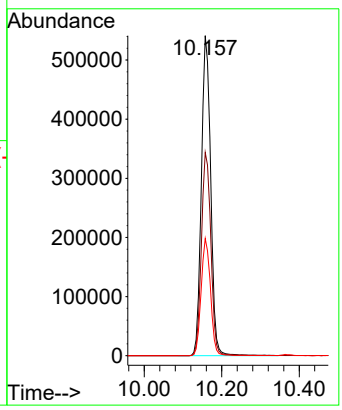


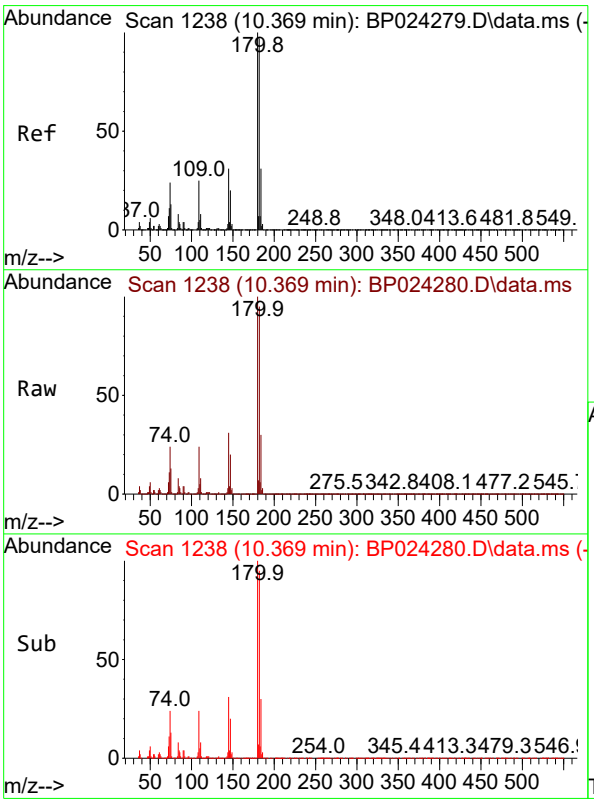
#29
2,4-Dichlorophenol
Concen: 53.225 ng
RT: 10.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 904519

Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.3	83.3
98	36.6	16.6	56.6

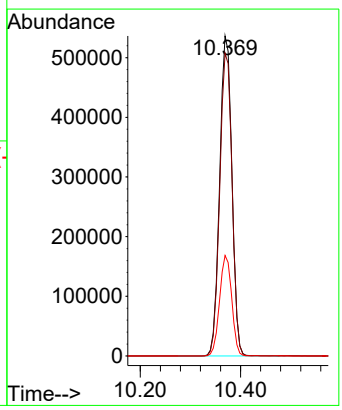


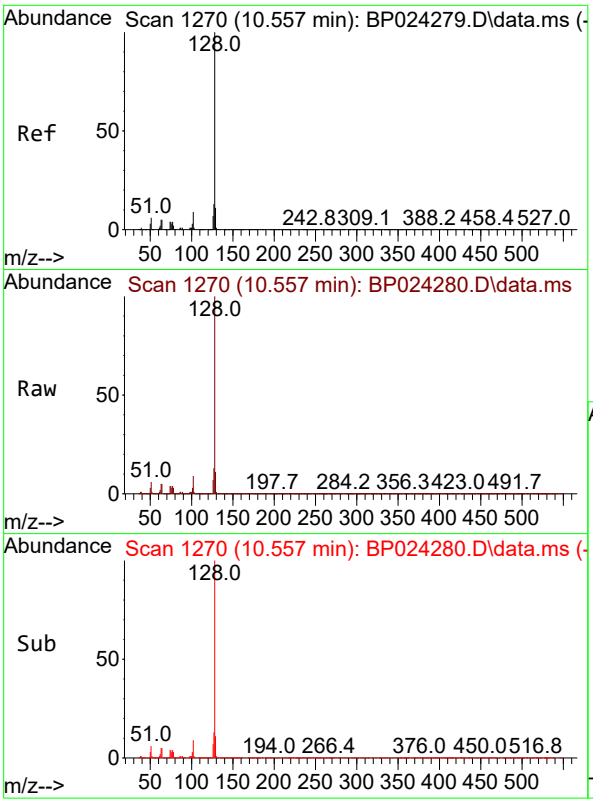


#30
1,2,4-Trichlorobenzene
Concen: 49.426 ng
RT: 10.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:180 Resp: 908732

Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.3	115.9
145	31.4	25.1	37.7



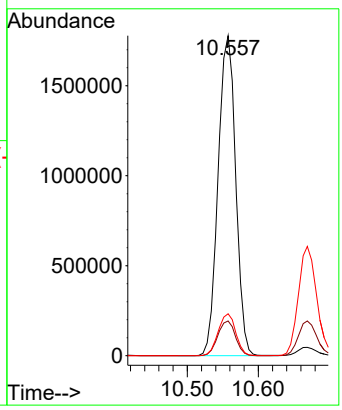


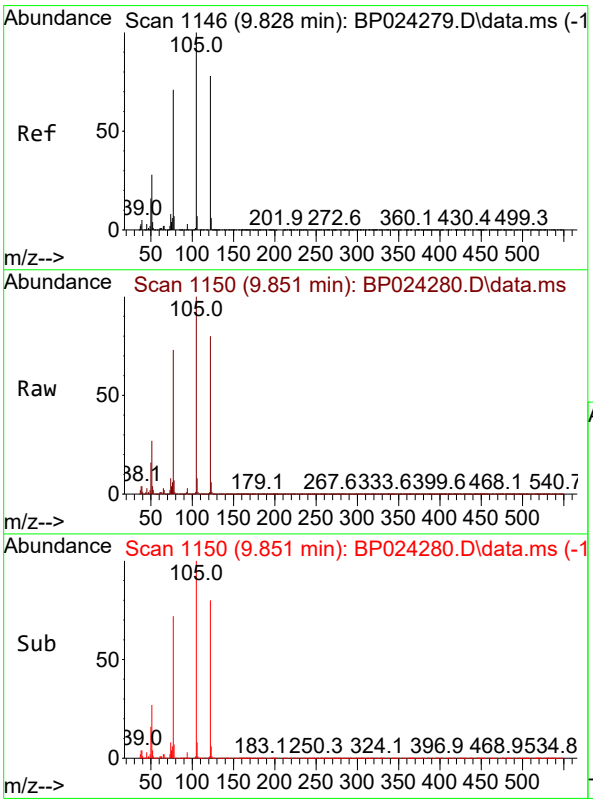
#31
Naphthalene
Concen: 48.957 ng
RT: 10.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 3049887

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.1	10.3	15.5

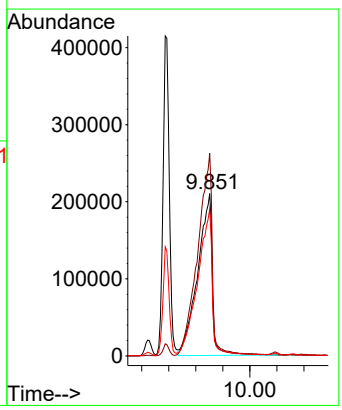


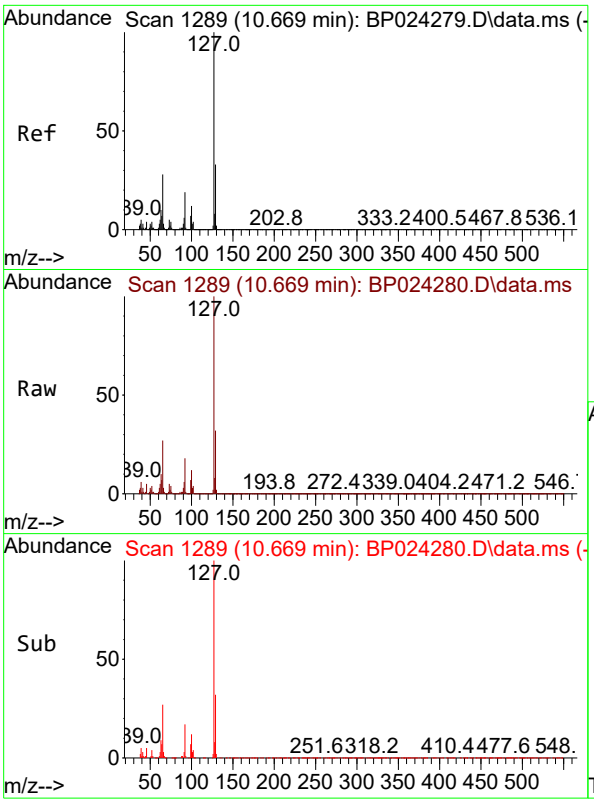


#32
Benzoic acid
Concen: 58.988 ng
RT: 9.851 min Scan# 1150
Delta R.T. 0.023 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:122 Resp: 794832

Ion	Ratio	Lower	Upper
122	100		
105	124.7	104.8	144.8
77	90.5	69.2	109.2



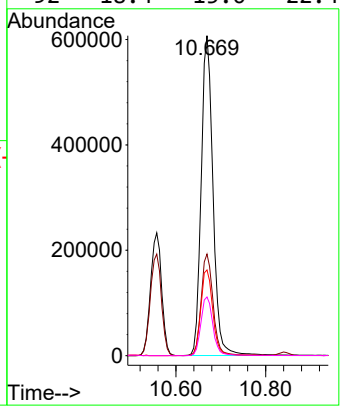


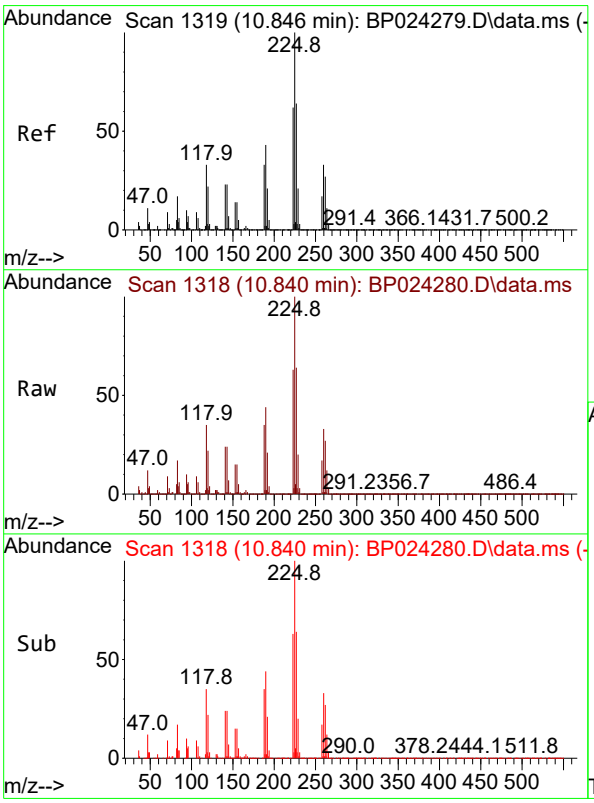
#33
4-Chloroaniline
Concen: 51.030 ng
RT: 10.669 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 1110772

Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.1	39.1
65	26.8	22.1	33.1
92	18.4	15.0	22.4

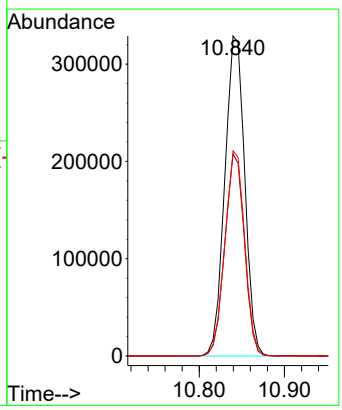


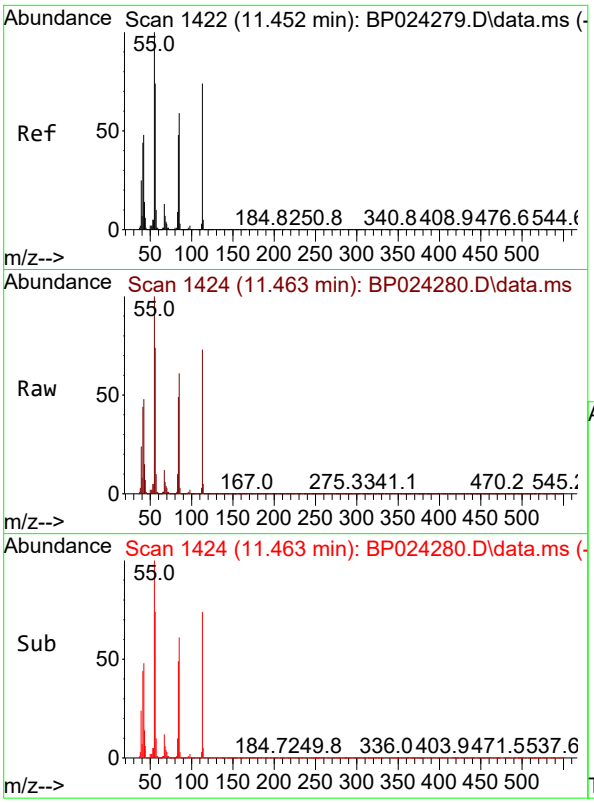


#34
Hexachlorobutadiene
Concen: 49.450 ng
RT: 10.840 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:225 Resp: 533336

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.5	74.3
227	64.1	50.9	76.3



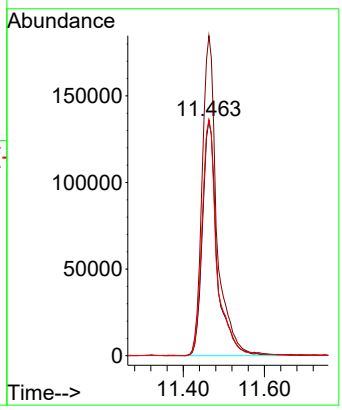


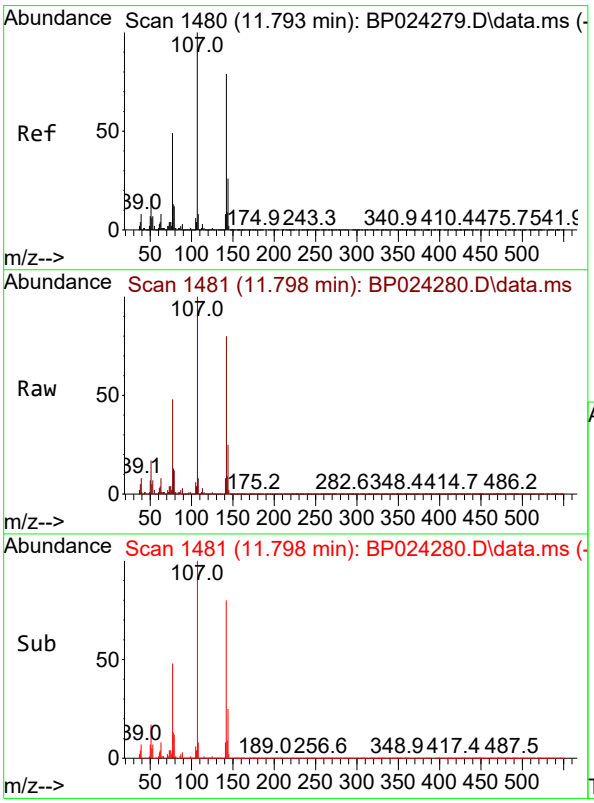
#35
Caprolactam
Concen: 54.466 ng
RT: 11.463 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 339834

Ion	Ratio	Lower	Upper
113	100		
55	136.1	115.9	155.9
56	100.2	81.1	121.1

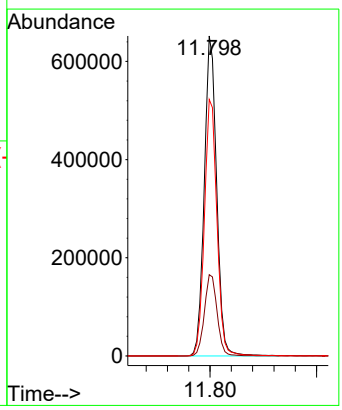


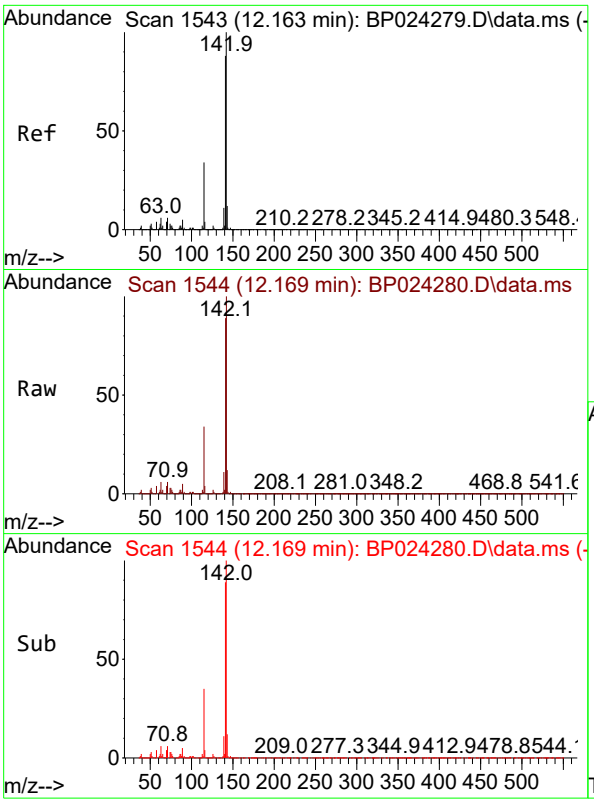


#36
4-Chloro-3-methylphenol
Concen: 52.860 ng
RT: 11.798 min Scan# 1481
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:107 Resp: 1046795

Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.5	30.7
142	80.1	63.4	95.2



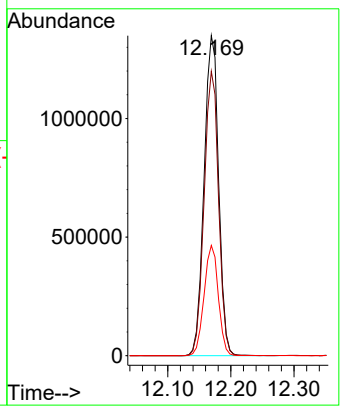


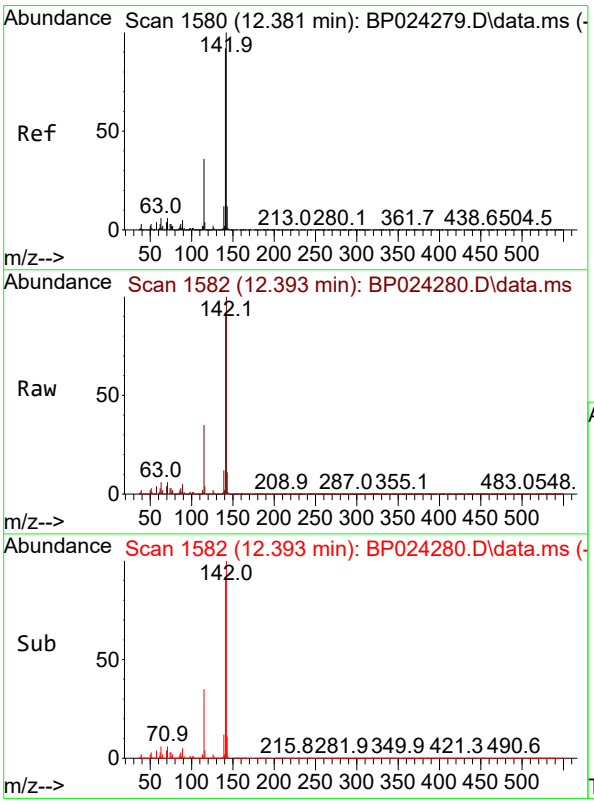
#37
2-Methylnaphthalene
Concen: 49.942 ng
RT: 12.169 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 2156247

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.3	105.5
115	34.5	26.9	40.3

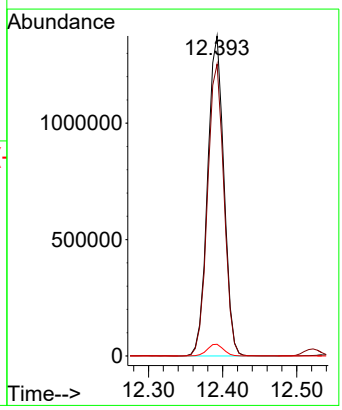


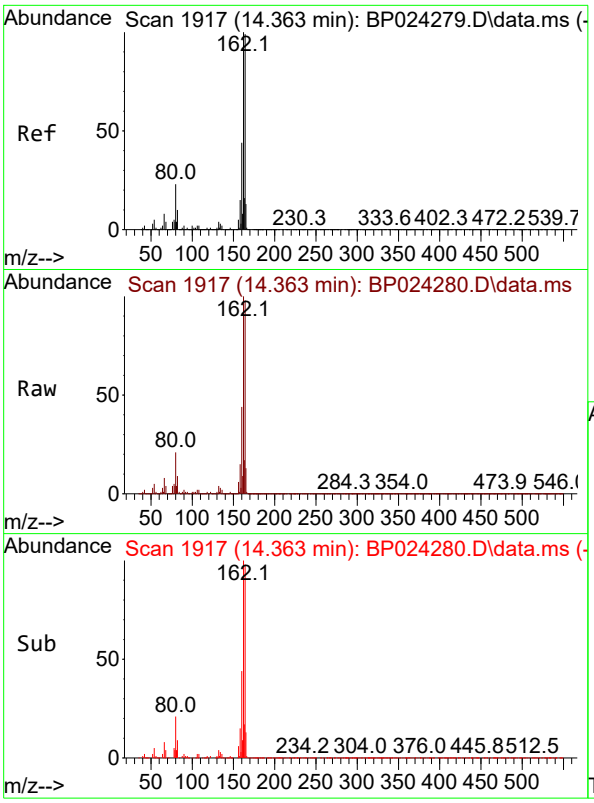


#38
1-Methylnaphthalene
Concen: 49.538 ng
RT: 12.393 min Scan# 1582
Delta R.T. 0.012 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:142 Resp: 2095184

Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.6	110.4
116	3.7	3.0	4.6



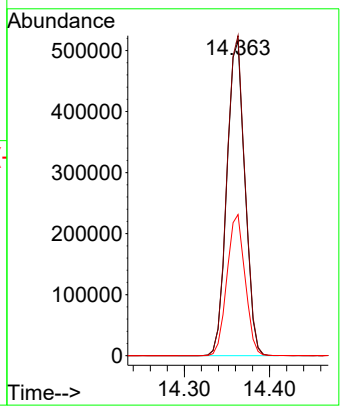


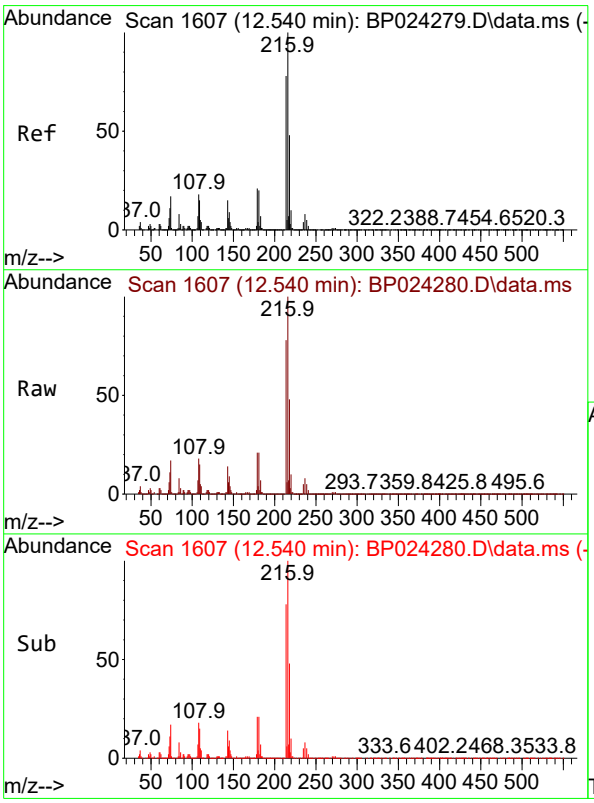
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 760235

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	44.8	35.3	52.9

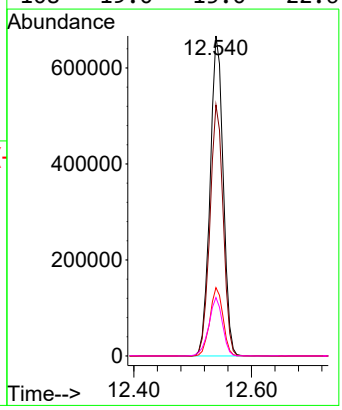


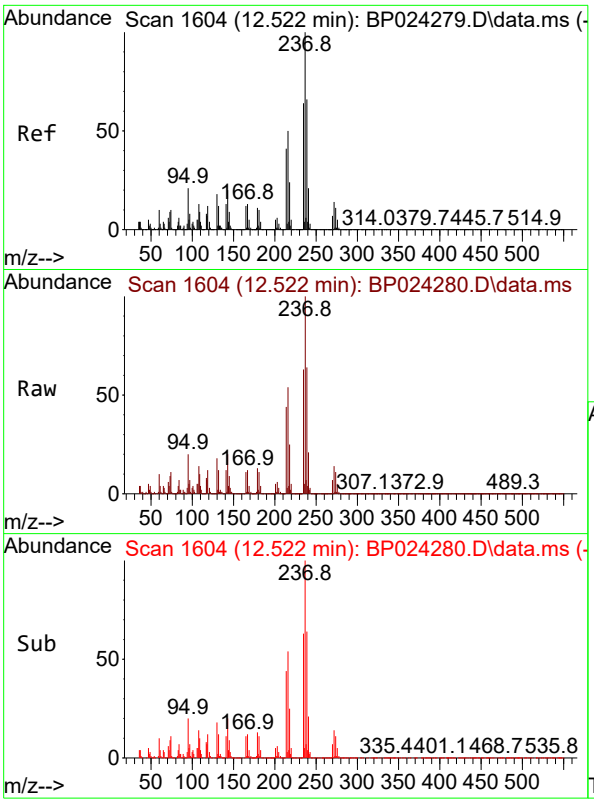


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.522 ng
RT: 12.540 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:216 Resp: 1034638

Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.6	93.8
179	21.4	17.2	25.8
108	19.0	15.0	22.6



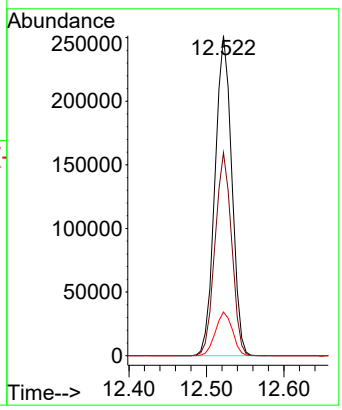


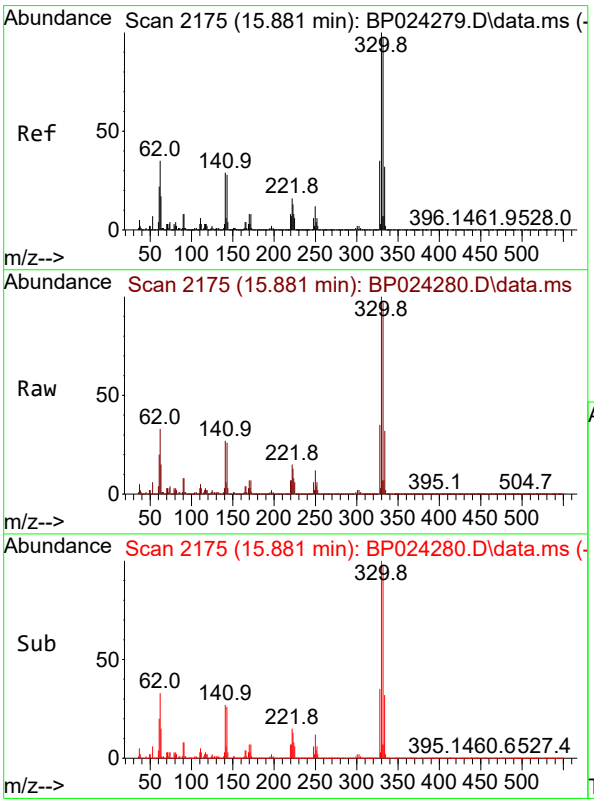
#41
Hexachlorocyclopentadiene
Concen: 51.614 ng
RT: 12.522 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 378578

Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.9	83.9
272	13.7	0.0	33.6

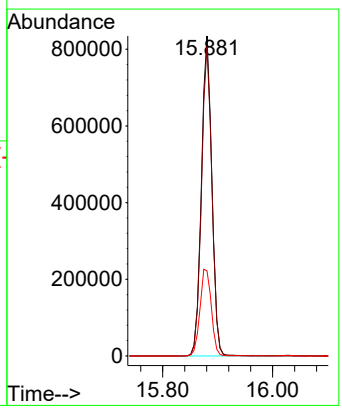


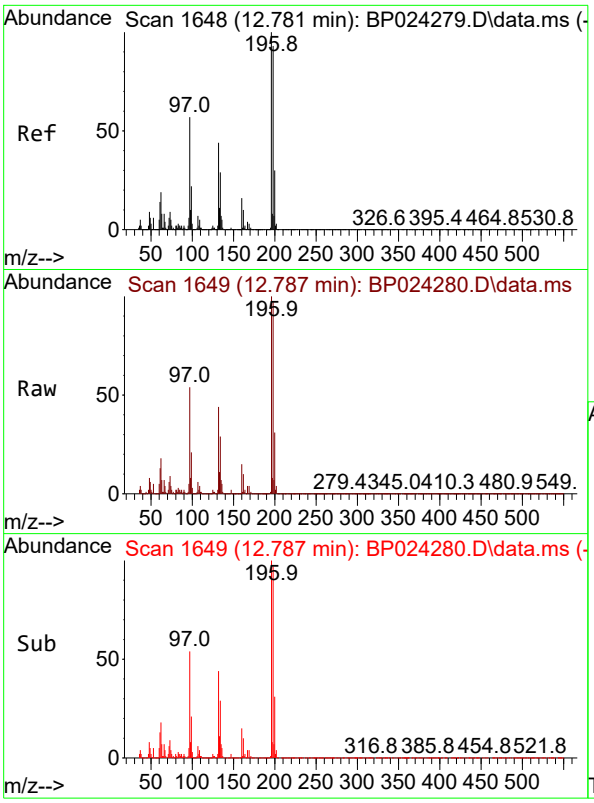


#42
2,4,6-Tribromophenol
Concen: 105.521 ng
RT: 15.881 min Scan# 2175
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:330 Resp: 1098486

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	29.5	24.7	37.1



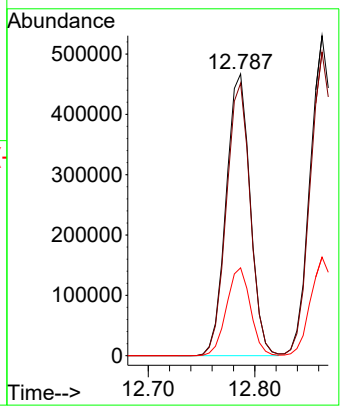


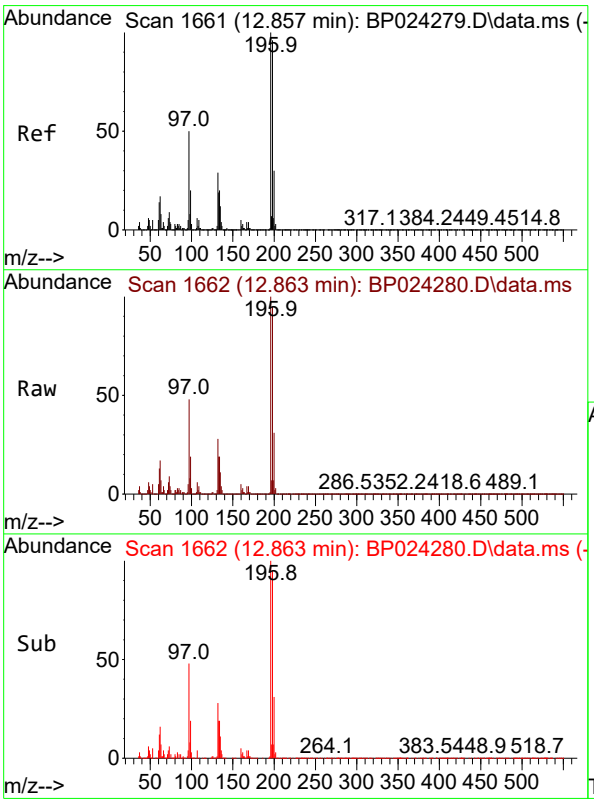
#43
2,4,6-Trichlorophenol
Concen: 53.315 ng
RT: 12.787 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 732902

Ion	Ratio	Lower	Upper
196	100		
198	96.7	74.3	111.5
200	31.2	24.0	36.0

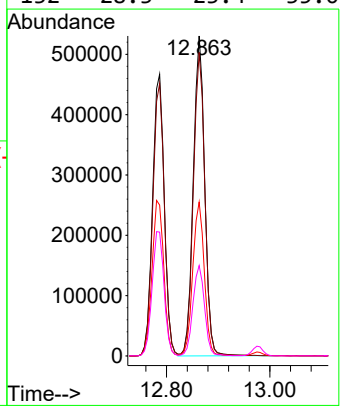


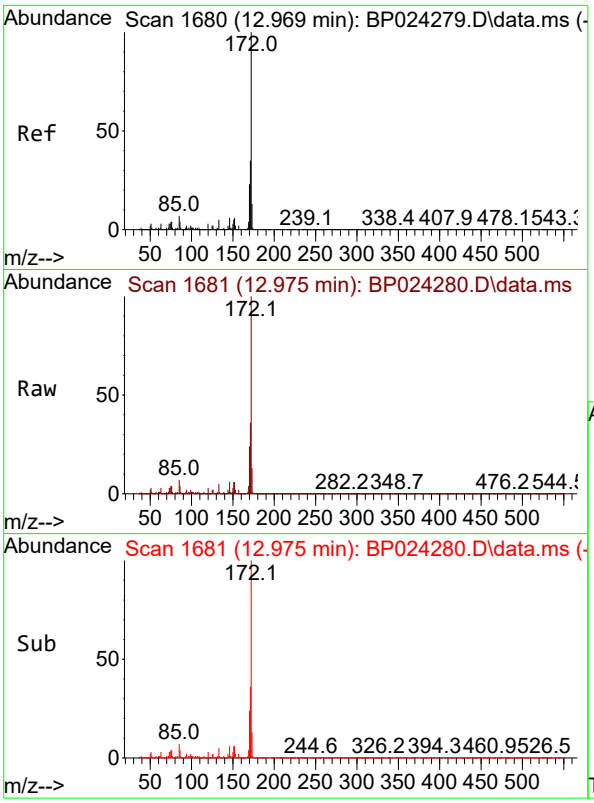


#44
2,4,5-Trichlorophenol
Concen: 53.491 ng
RT: 12.863 min Scan# 1662
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:196 Resp: 814885

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.3	115.9
97	48.1	40.4	60.6
132	28.3	23.4	35.0



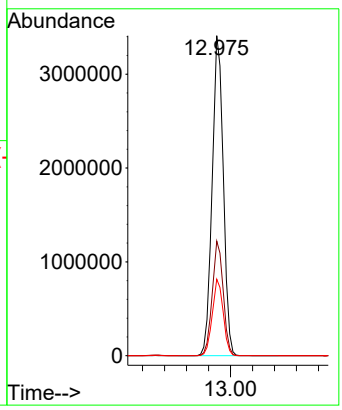


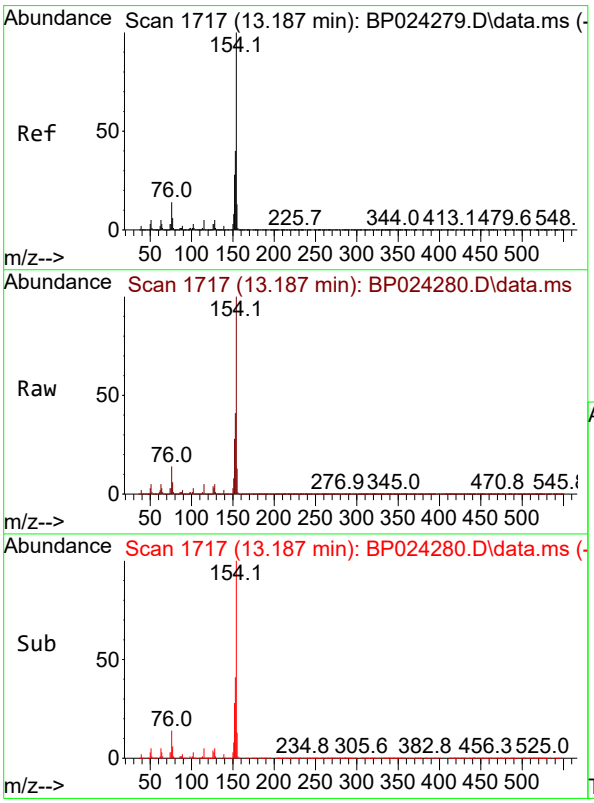
#45
2-Fluorobiphenyl
Concen: 95.877 ng
RT: 12.975 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 4800845

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.2
170	23.9	18.6	27.8

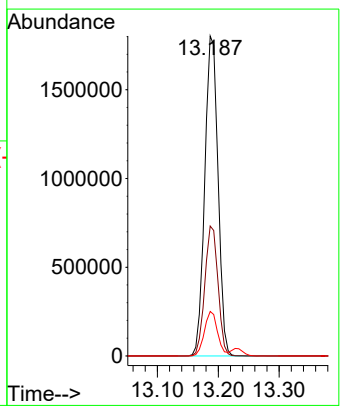


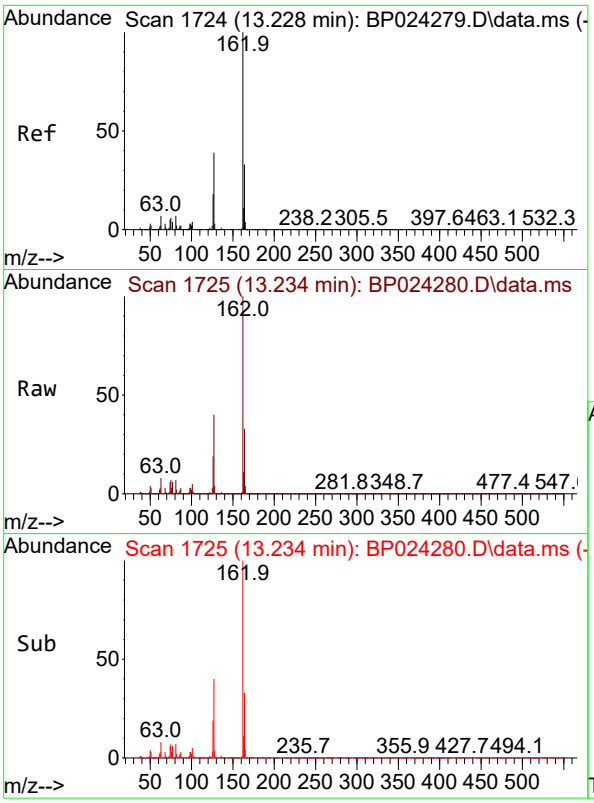


#46
1,1'-Biphenyl
Concen: 48.551 ng
RT: 13.187 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:154 Resp: 2725840

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.3	60.3
76	13.9	0.0	33.5



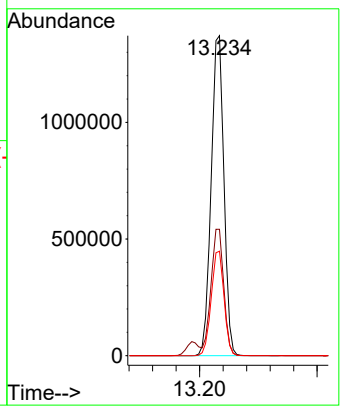


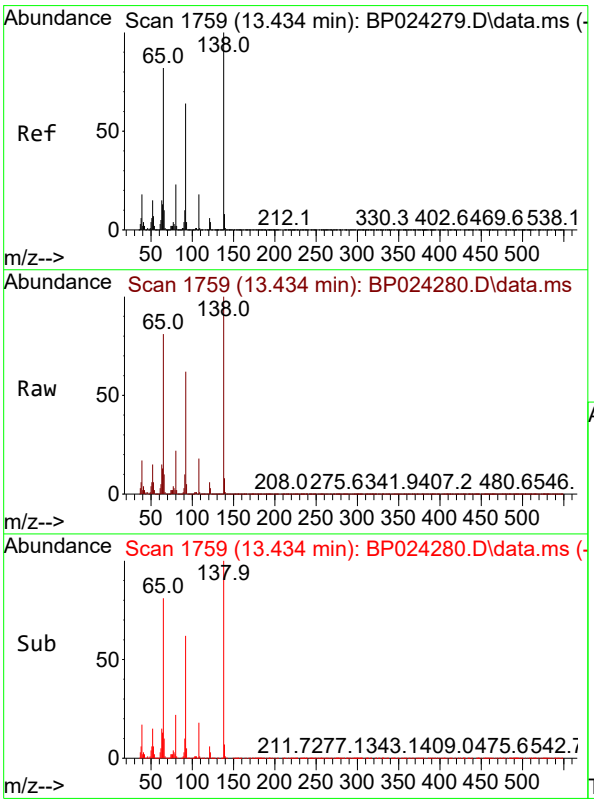
#47
2-Chloronaphthalene
Concen: 49.220 ng
RT: 13.234 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 2062098

Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.9	47.9
164	32.7	26.2	39.4

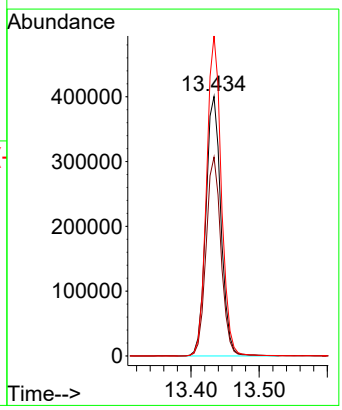


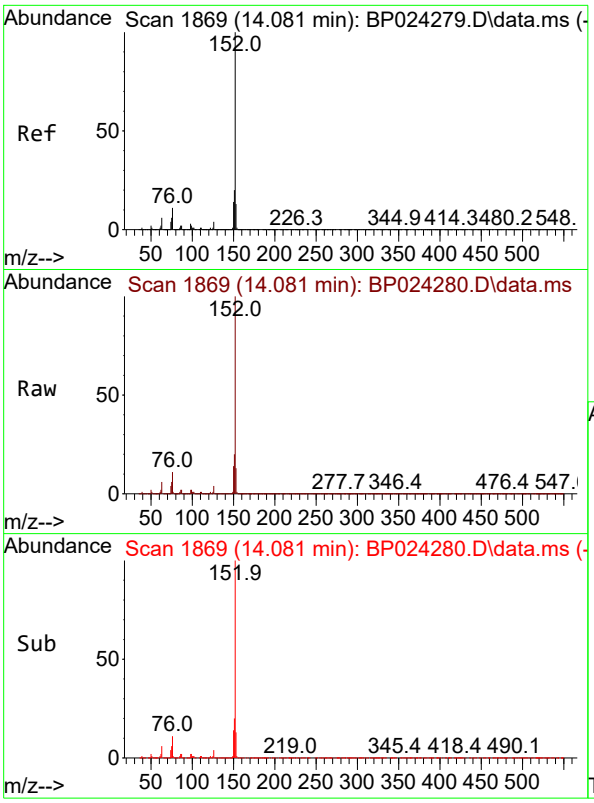


#48
2-Nitroaniline
Concen: 53.282 ng
RT: 13.434 min Scan# 1759
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 65 Resp: 616599

Ion	Ratio	Lower	Upper
65	100		
92	76.6	62.3	93.5
138	123.3	97.2	145.8



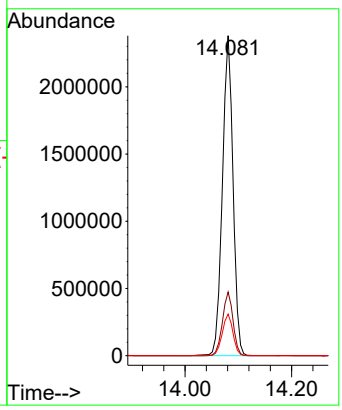


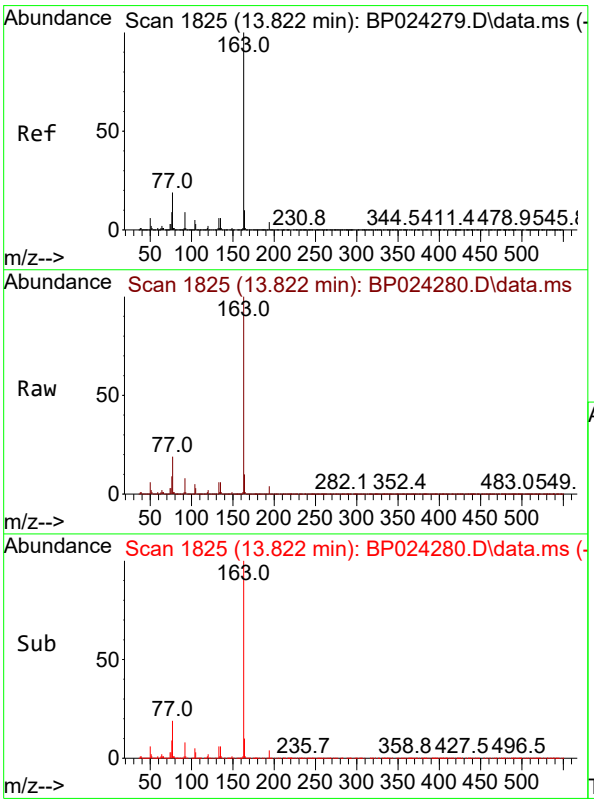
#49
Acenaphthylene
Concen: 49.877 ng
RT: 14.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 3279666

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.0	10.6	15.8

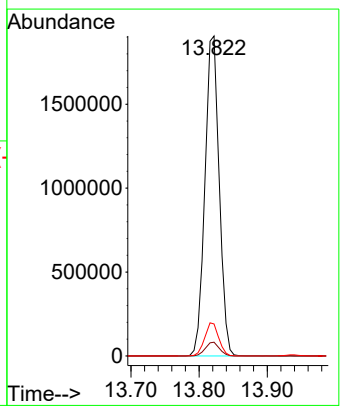


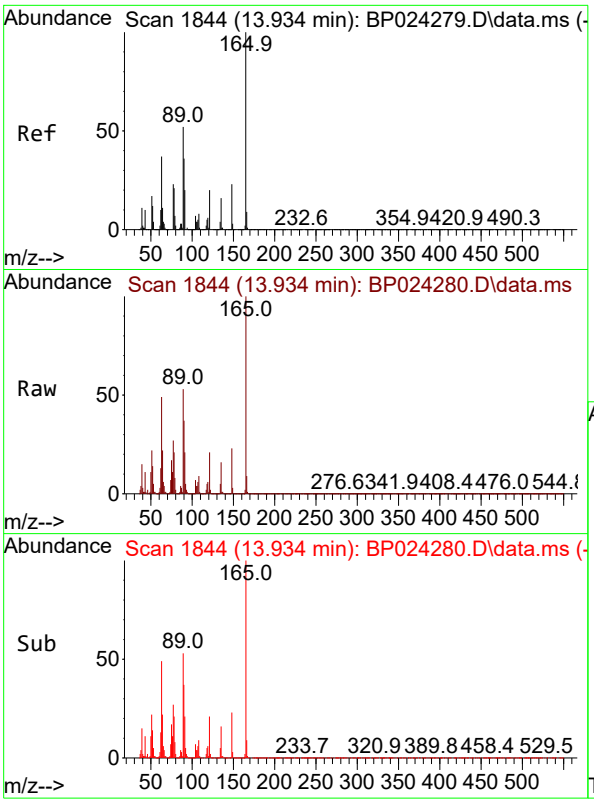


#50
Dimethylphthalate
Concen: 50.046 ng
RT: 13.822 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:163 Resp: 2775759

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.0	8.0	12.0



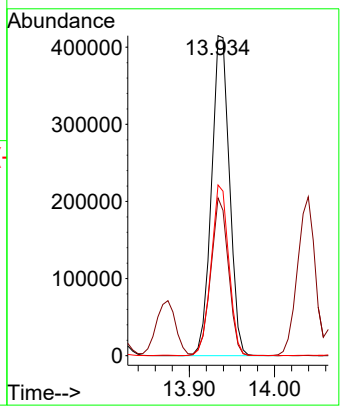


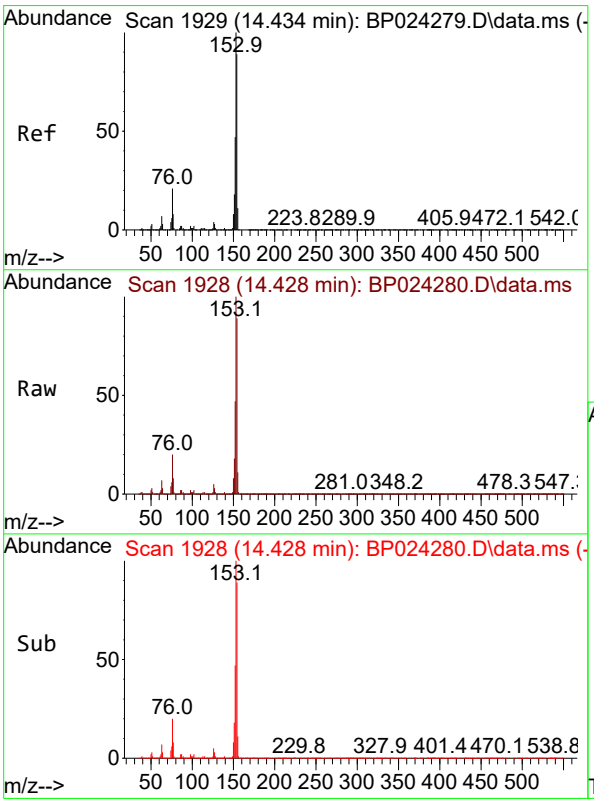
#51
2,6-Dinitrotoluene
Concen: 51.903 ng
RT: 13.934 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 606525

Ion	Ratio	Lower	Upper
165	100		
63	49.3	38.0	57.0
89	53.4	41.7	62.5

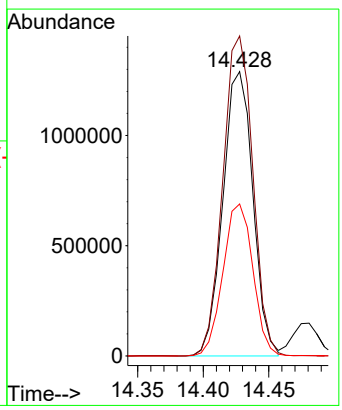


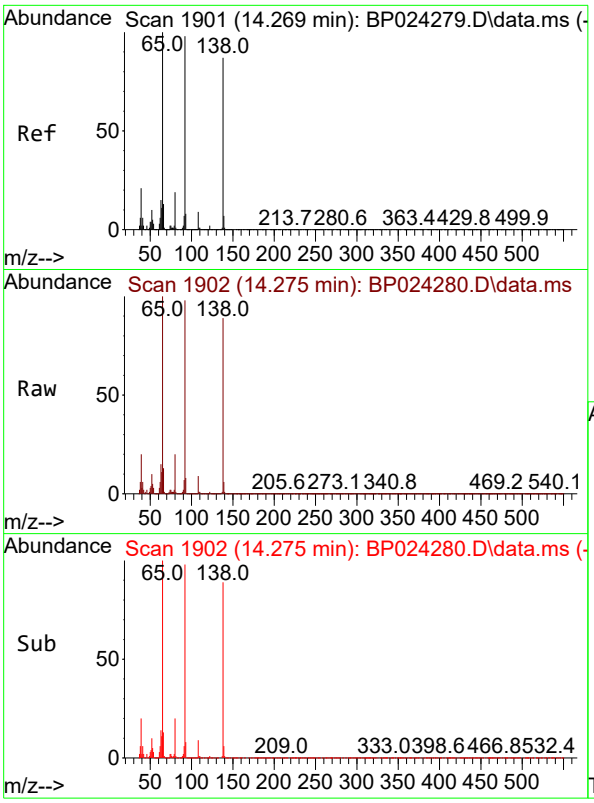


#52
Acenaphthene
Concen: 49.128 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:154 Resp: 2054333

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.8	134.6
152	53.4	42.6	63.8



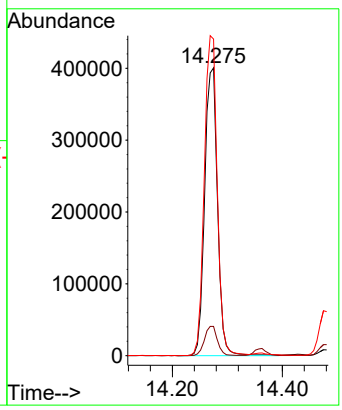


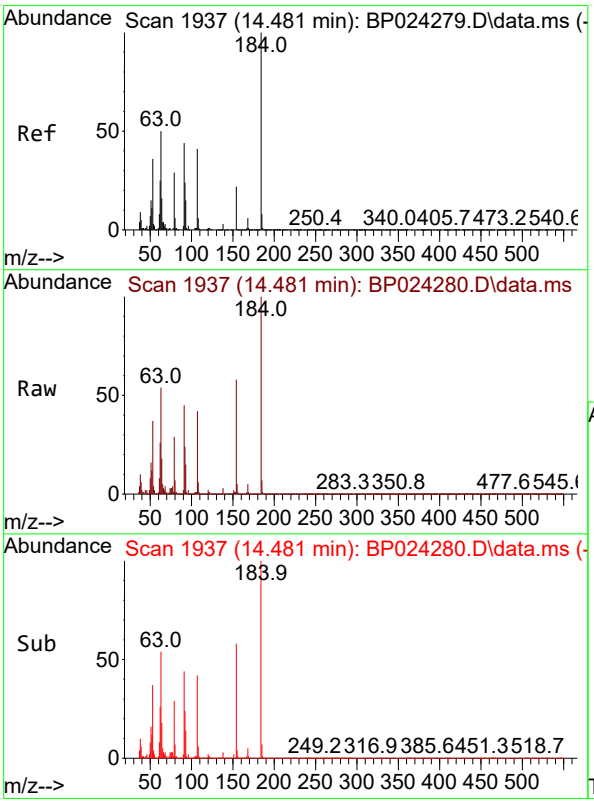
#53
3-Nitroaniline
Concen: 53.536 ng
RT: 14.275 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 649071

Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.3	12.5
92	110.0	89.8	134.8

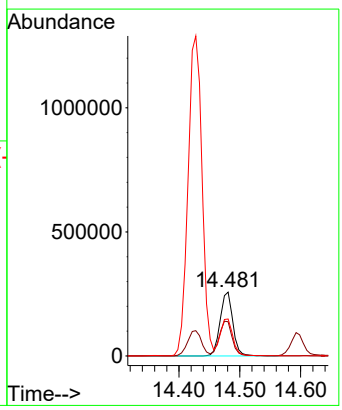


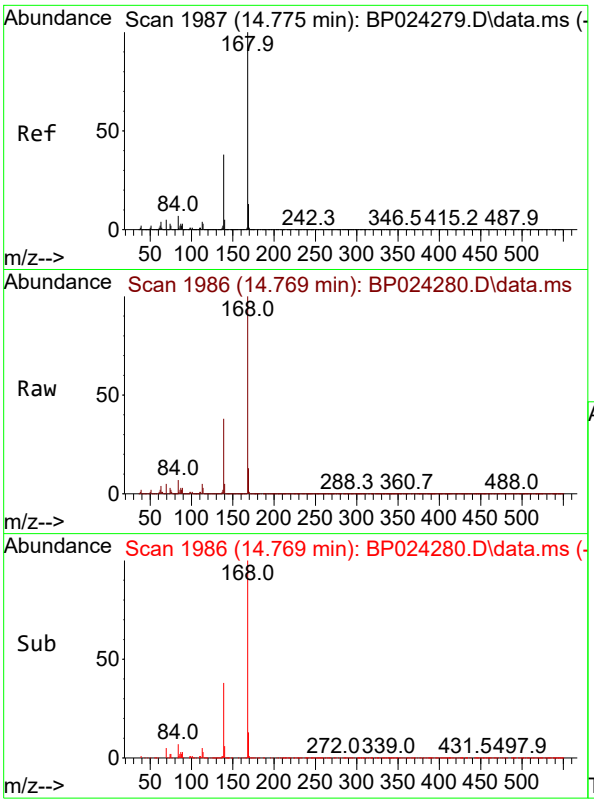


#54
2,4-Dinitrophenol
Concen: 59.640 ng
RT: 14.481 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:184 Resp: 373165

Ion	Ratio	Lower	Upper
184	100		
63	53.7	42.6	64.0
154	57.8	47.2	70.8



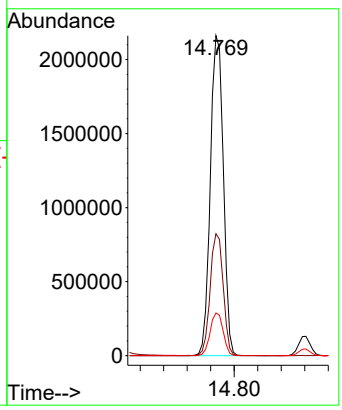


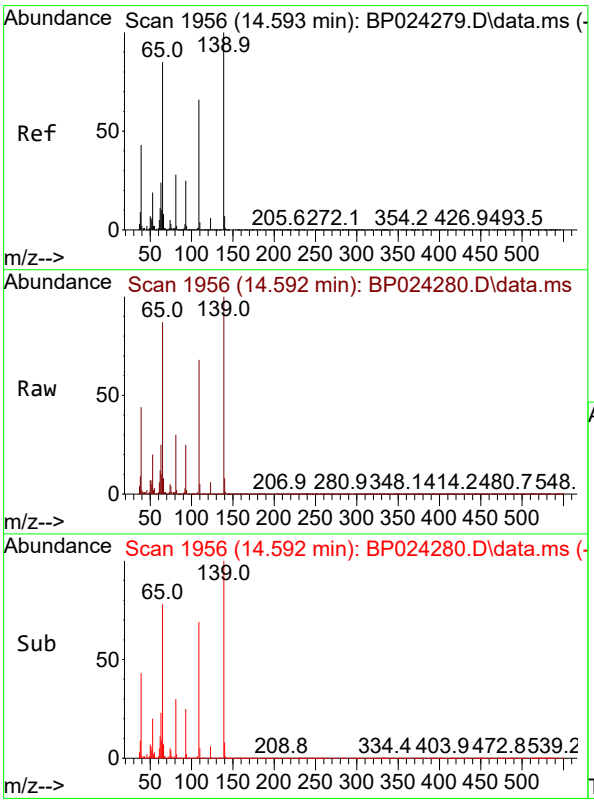
#55
Dibenzofuran
Concen: 48.392 ng
RT: 14.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 3318798

Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.3	45.5
169	13.4	10.6	16.0

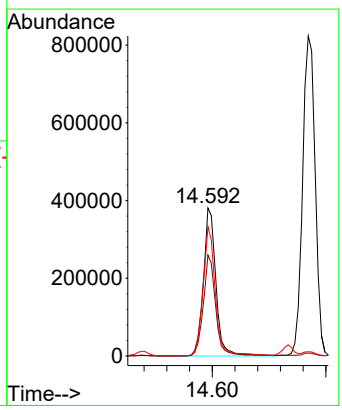


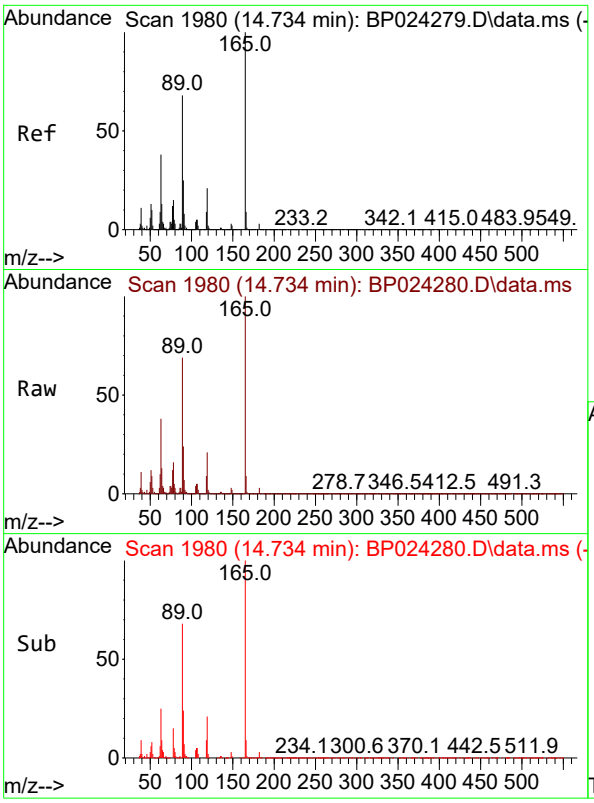


#56
4-Nitrophenol
Concen: 55.750 ng
RT: 14.592 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:139 Resp: 581023

Ion	Ratio	Lower	Upper
139	100		
109	68.1	46.1	86.1
65	87.3	65.0	105.0



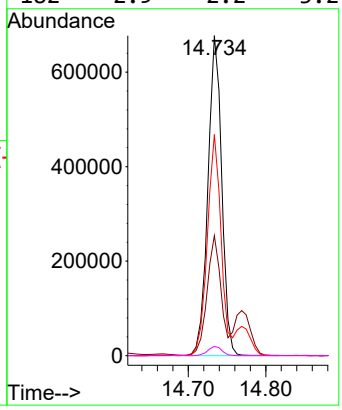


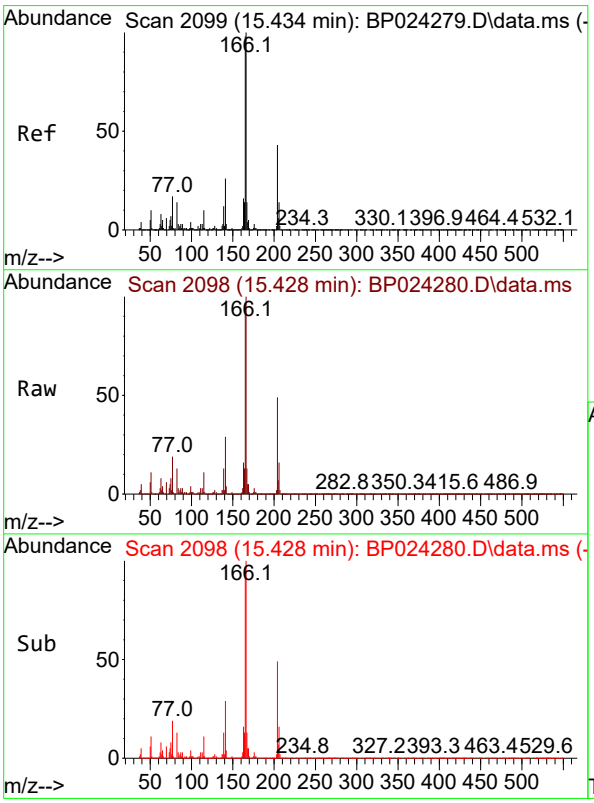
#57
2,4-Dinitrotoluene
Concen: 53.160 ng
RT: 14.734 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 839701

Ion	Ratio	Lower	Upper
165	100		
63	37.5	30.4	45.6
89	69.1	54.6	82.0
182	2.9	2.2	3.2

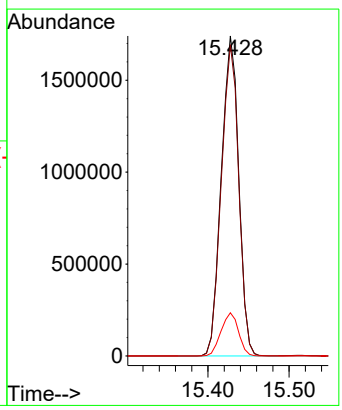


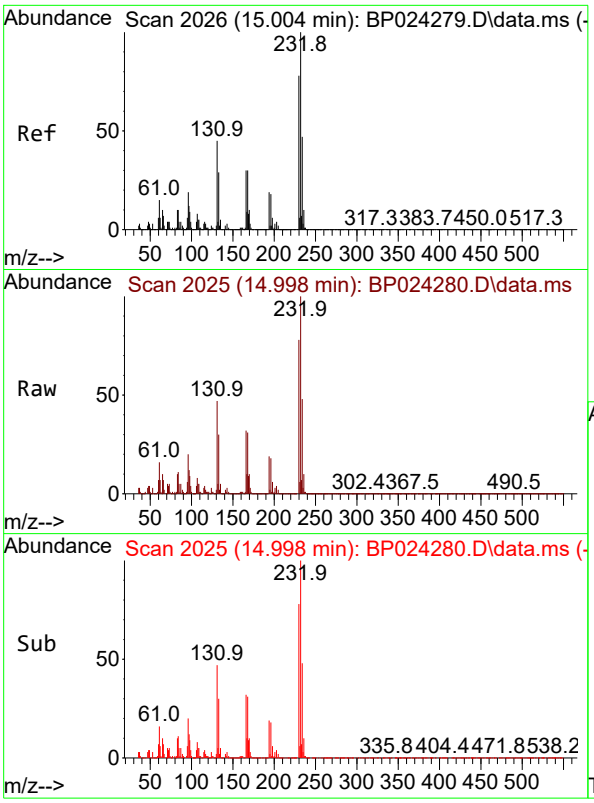


#58
Fluorene
Concen: 49.085 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:166 Resp: 2599105

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.1	117.1
167	13.5	10.9	16.3



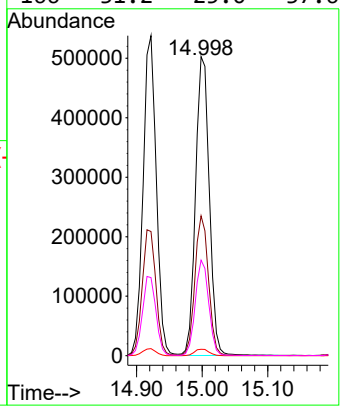


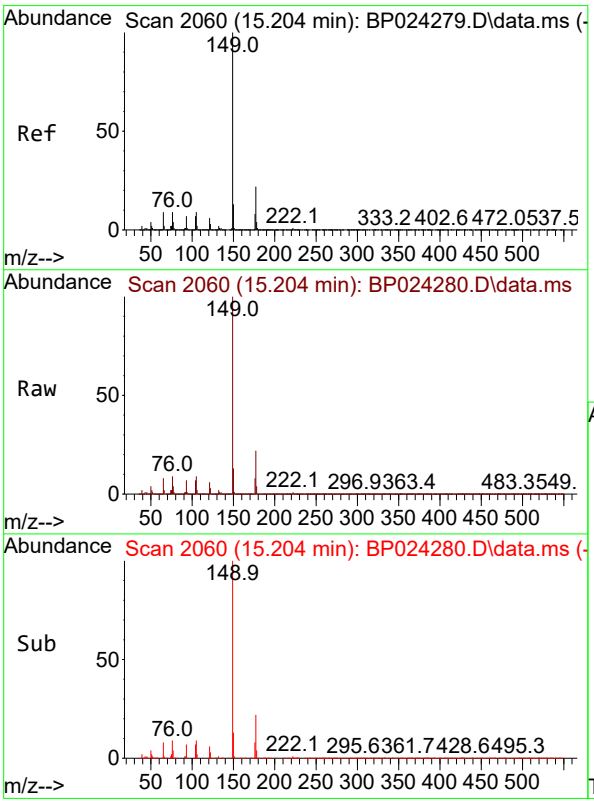
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.128 ng
RT: 14.998 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 734741

Ion	Ratio	Lower	Upper
232	100		
131	46.0	36.8	55.2
130	2.3	1.9	2.9
166	31.2	25.0	37.6

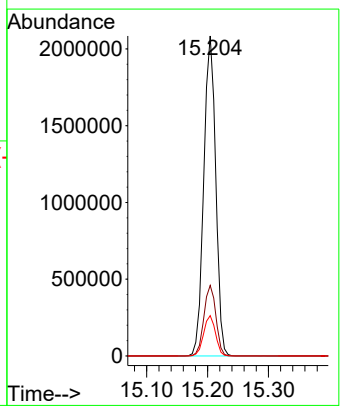


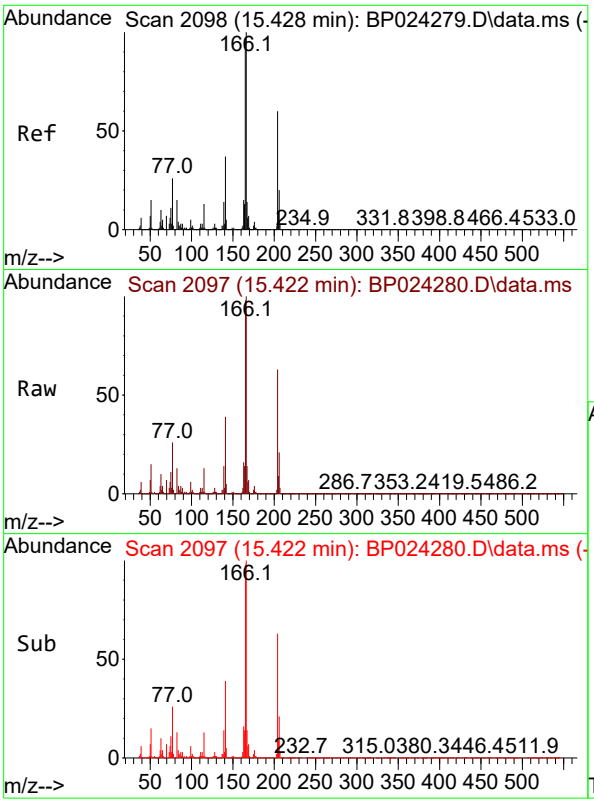


#60
Diethylphthalate
Concen: 49.914 ng
RT: 15.204 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:149 Resp: 2849294

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.4	26.2
150	12.6	10.1	15.1



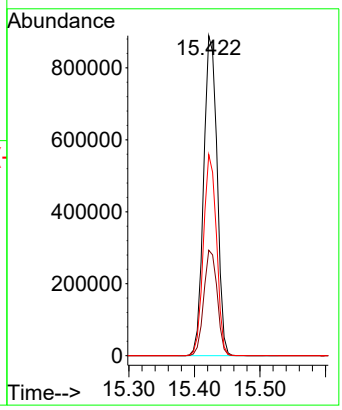


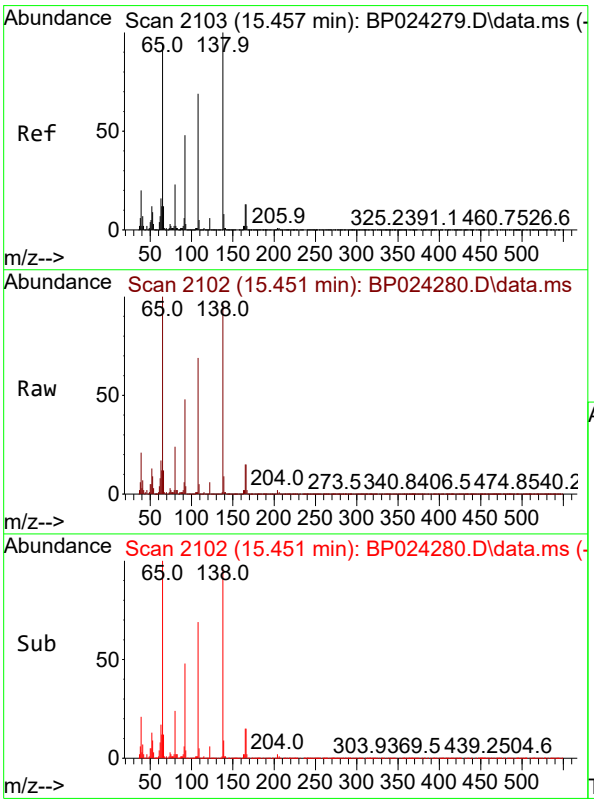
#61
4-Chlorophenyl-phenylether
Concen: 49.287 ng
RT: 15.422 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 1267291

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	62.8	49.4	74.0

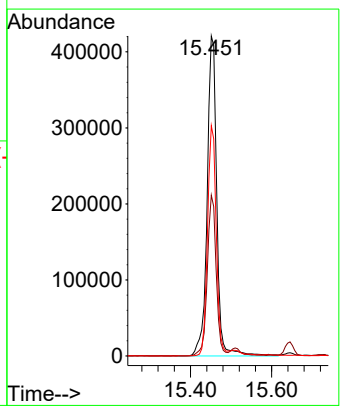


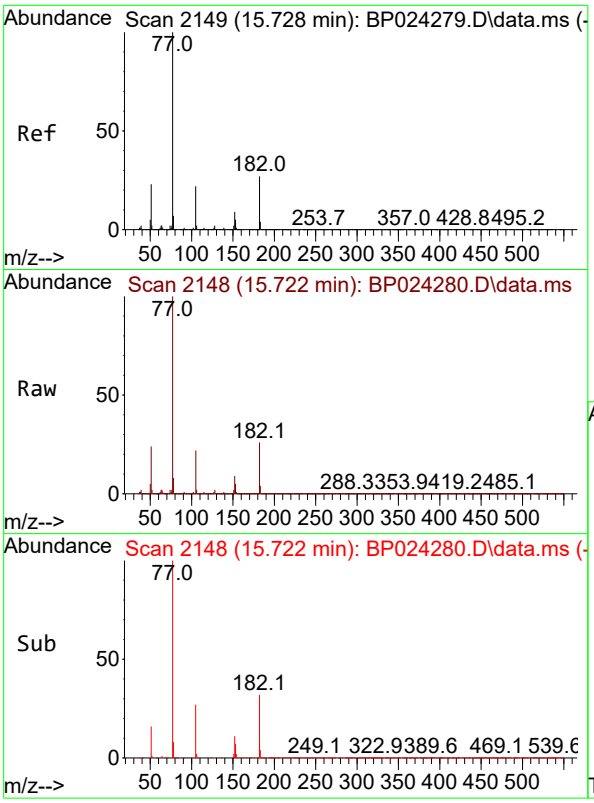


#62
4-Nitroaniline
Concen: 53.764 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:138 Resp: 691081

Ion	Ratio	Lower	Upper
138	100		
92	50.2	27.8	67.8
108	72.0	48.9	88.9



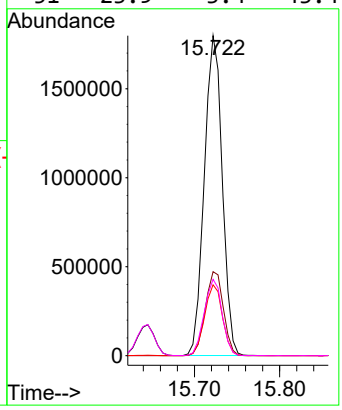


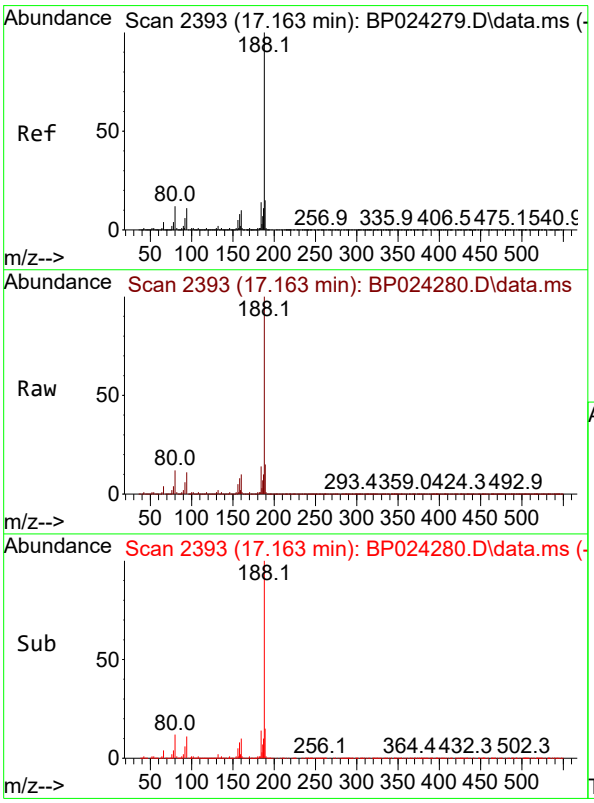
#63
Azobenzene
Concen: 50.076 ng
RT: 15.722 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 2632843

Ion	Ratio	Lower	Upper
77	100		
182	26.3	7.3	47.3
105	22.1	2.3	42.3
51	23.9	3.4	43.4

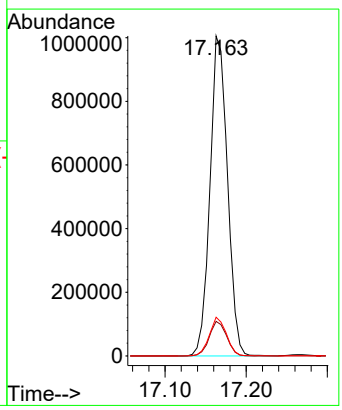


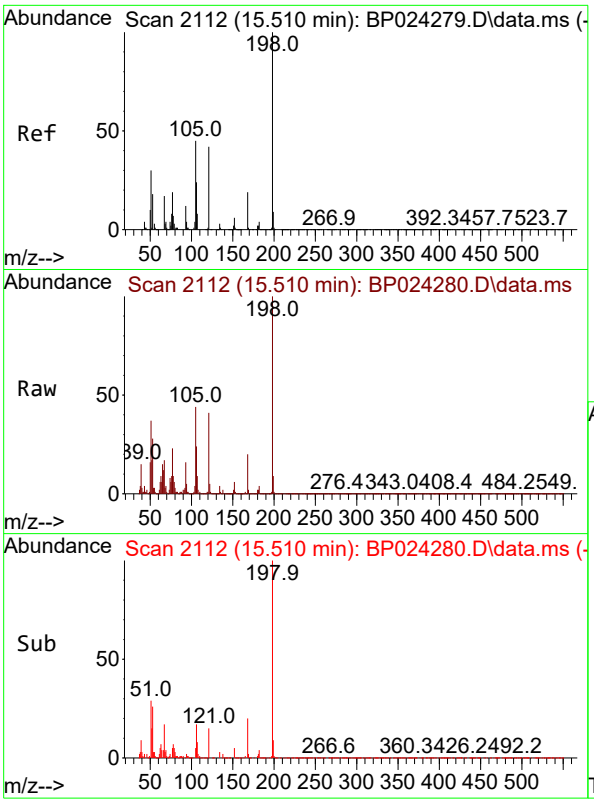


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:188 Resp: 1505097

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.6	13.0
80	12.1	9.8	14.6



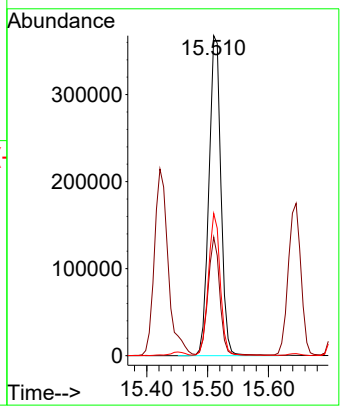


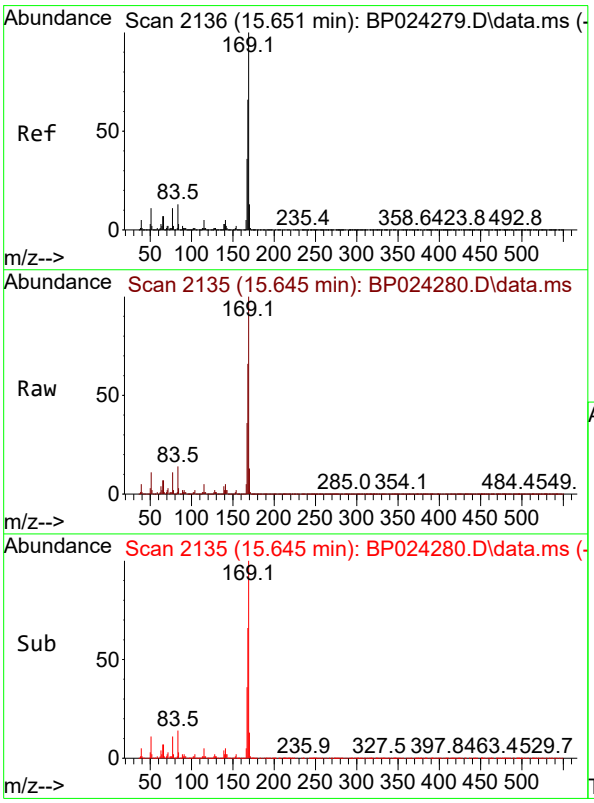
#65
4,6-Dinitro-2-methylphenol
Concen: 57.285 ng
RT: 15.510 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 503765

Ion	Ratio	Lower	Upper
198	100		
51	37.1	18.4	58.4
105	44.5	26.5	66.5

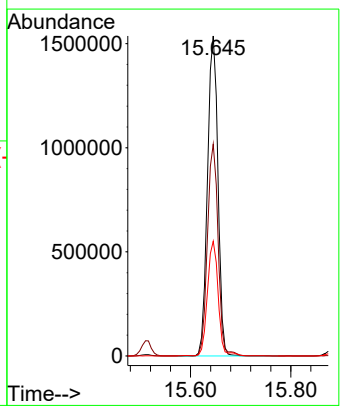


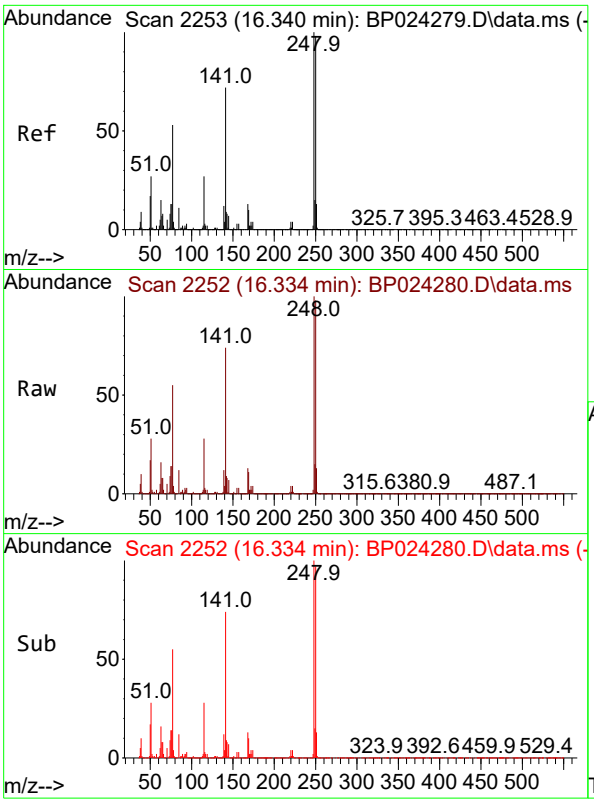


#66
n-Nitrosodiphenylamine
Concen: 49.312 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:169 Resp: 2225475

Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.0	79.4
167	35.9	28.9	43.3



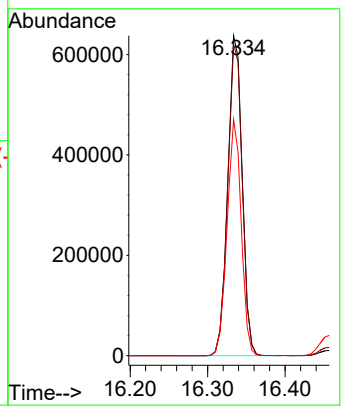


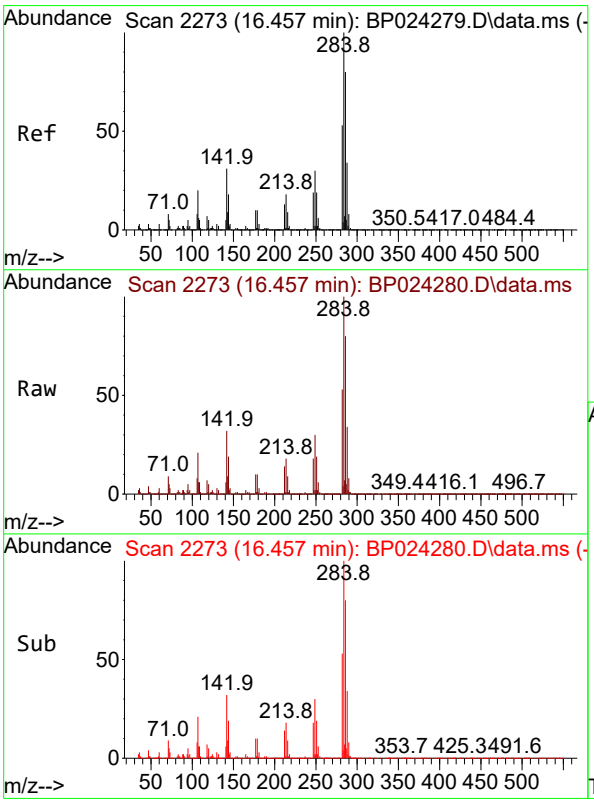
#67
4-Bromophenyl-phenylether
Concen: 50.389 ng
RT: 16.334 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 827245

Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.2	117.4
141	73.8	57.7	86.5

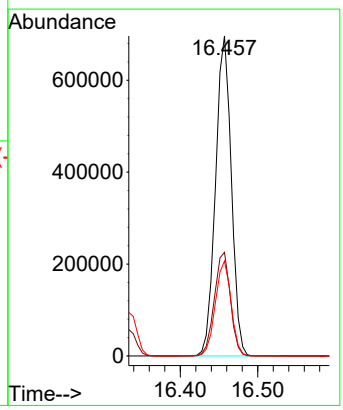


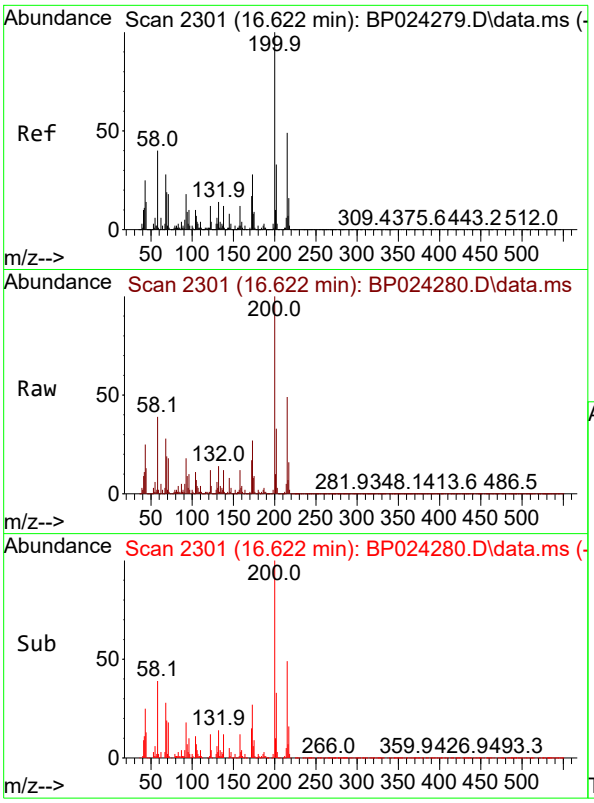


#68
Hexachlorobenzene
Concen: 50.405 ng
RT: 16.457 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:284 Resp: 983768

Ion	Ratio	Lower	Upper
284	100		
142	32.4	24.6	37.0
249	29.7	23.8	35.6



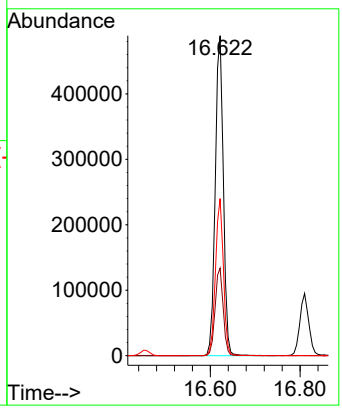


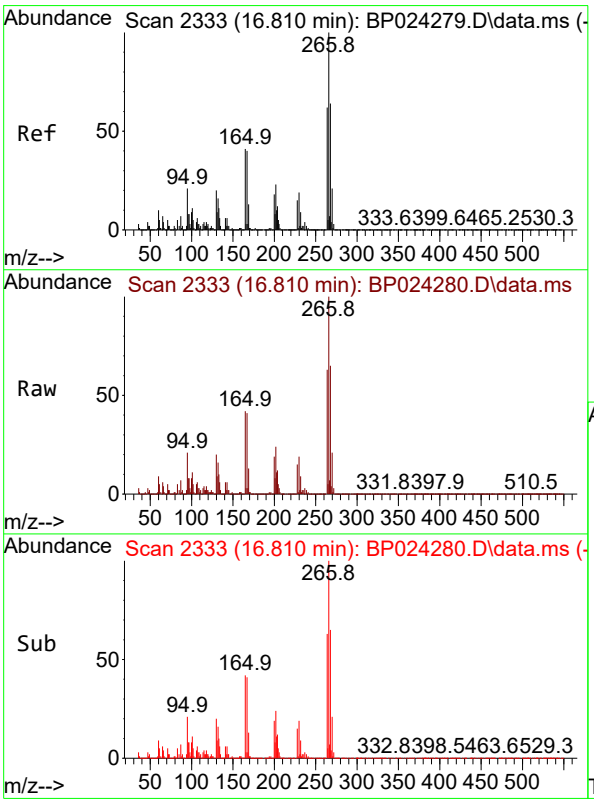
#69
Atrazine
Concen: 53.356 ng
RT: 16.622 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 610479

Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.5	47.5
215	49.1	28.8	68.8

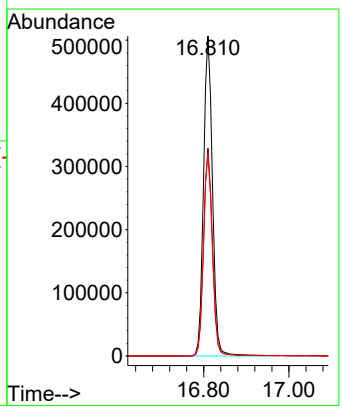


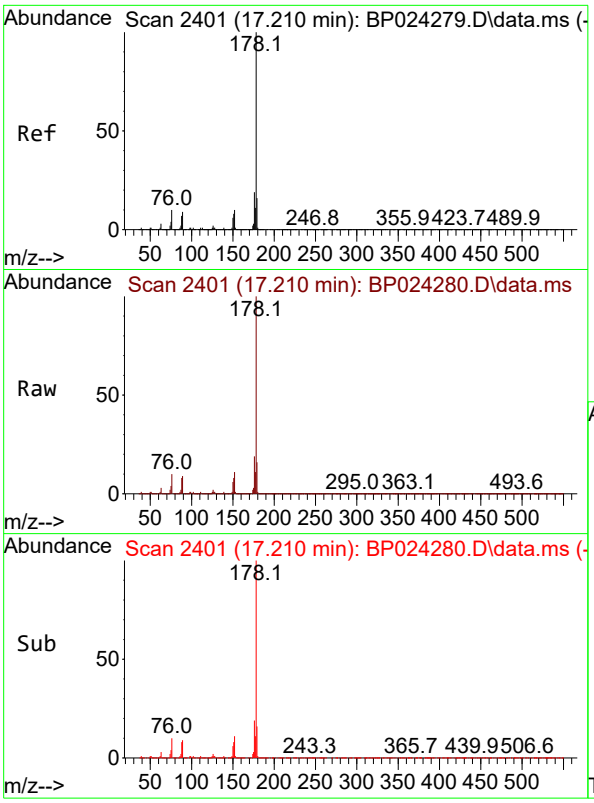


#70
Pentachlorophenol
Concen: 55.203 ng
RT: 16.810 min Scan# 2333
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:266 Resp: 739779

Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.0	76.6
264	62.9	49.8	74.6



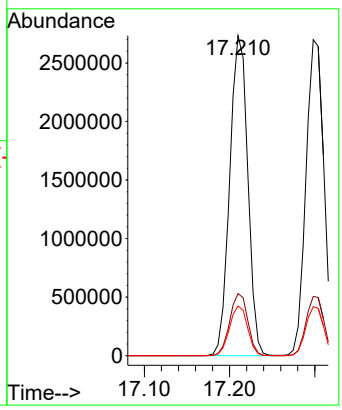


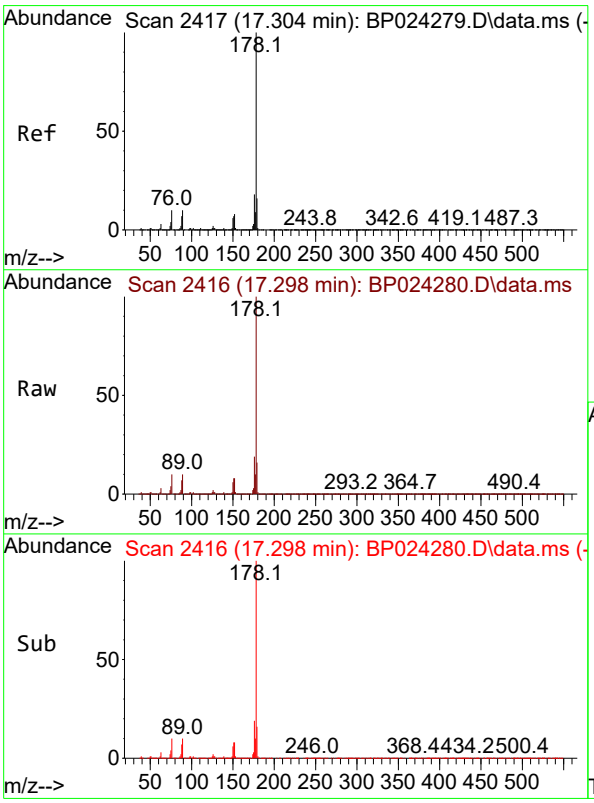
#71
Phenanthrene
Concen: 48.768 ng
RT: 17.210 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 4024282

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.5	12.5	18.7

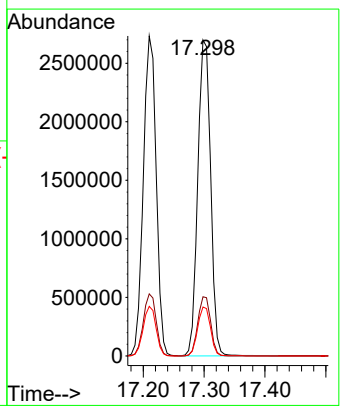


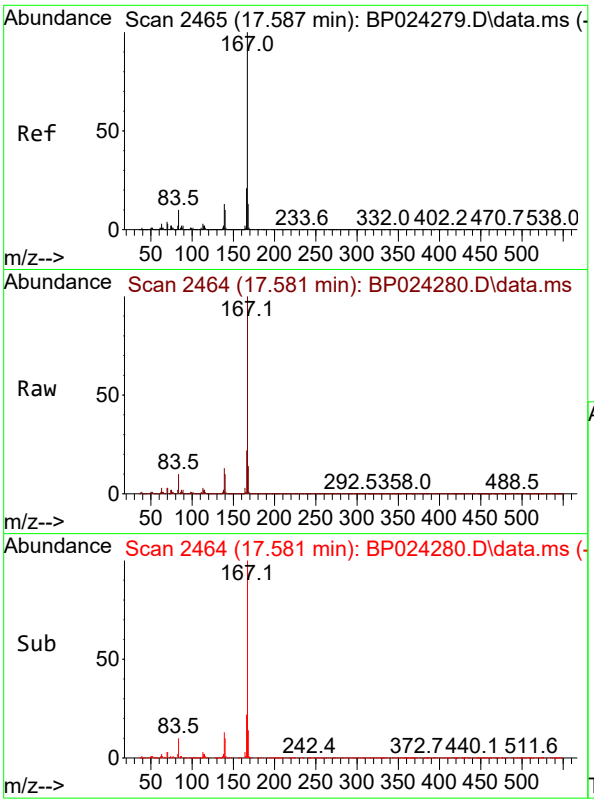


#72
Anthracene
Concen: 49.883 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:178 Resp: 3960913

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.5	12.4	18.6



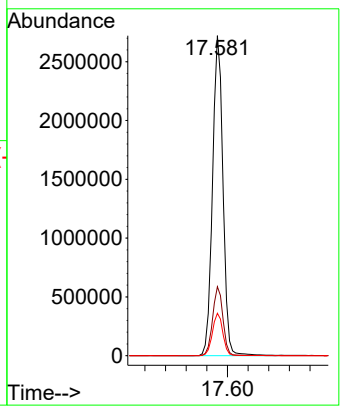


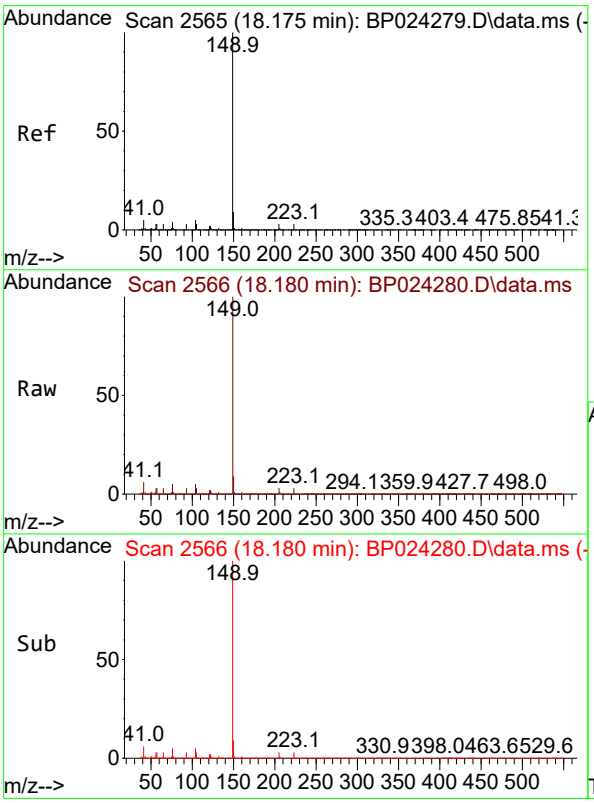
#73
Carbazole
Concen: 49.364 ng
RT: 17.581 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 3814743

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	13.3	10.6	16.0

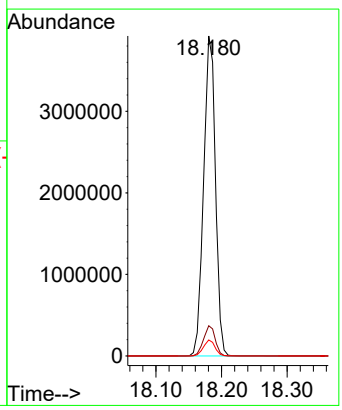


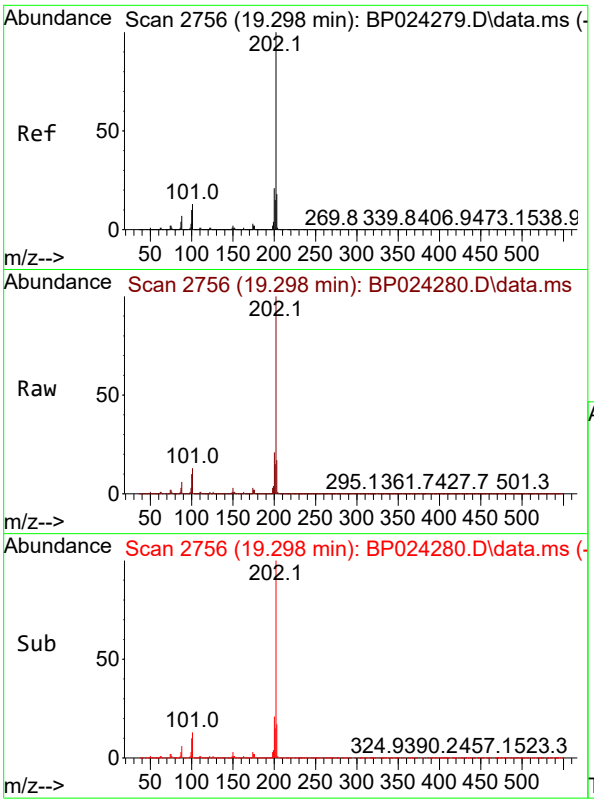


#74
Di-n-butylphthalate
Concen: 51.208 ng
RT: 18.180 min Scan# 2566
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:149 Resp: 4930617

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	5.0	3.9	5.9



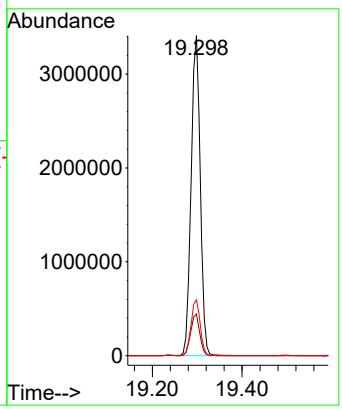


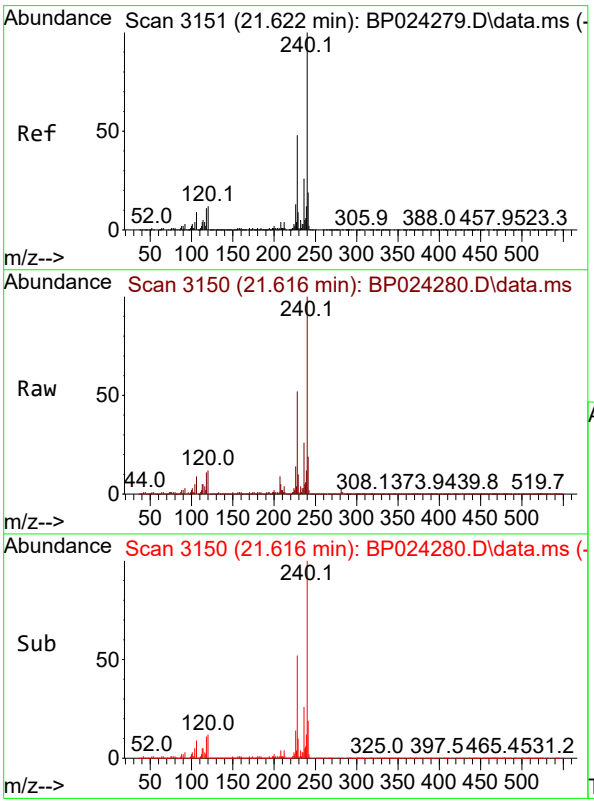
#75
Fluoranthene
Concen: 49.160 ng
RT: 19.298 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 4815021

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.4	0.0	37.7

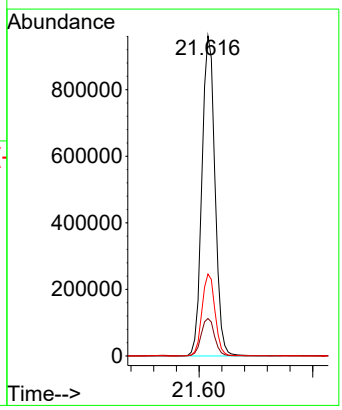


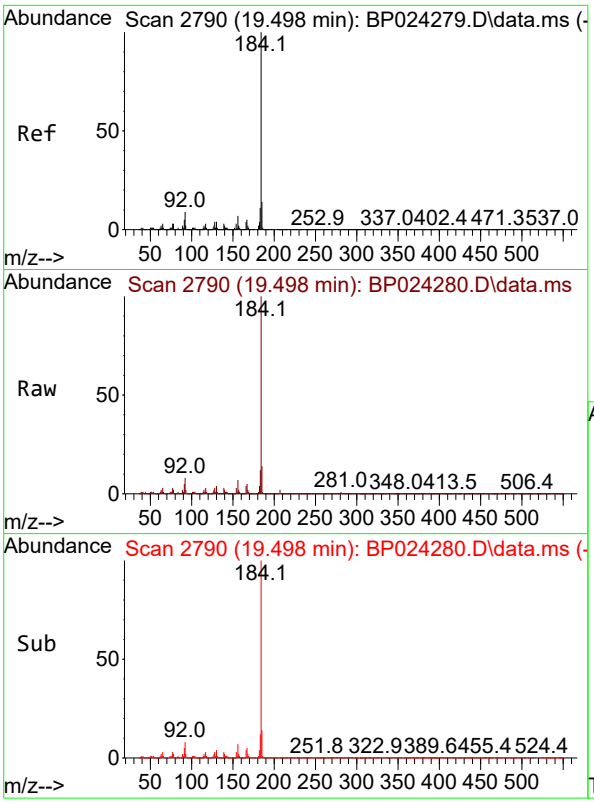


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.616 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:240 Resp: 1527193

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.8	14.8
236	25.6	20.9	31.3



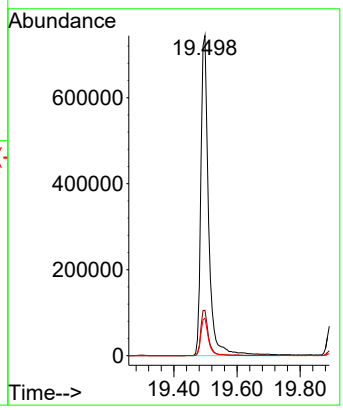


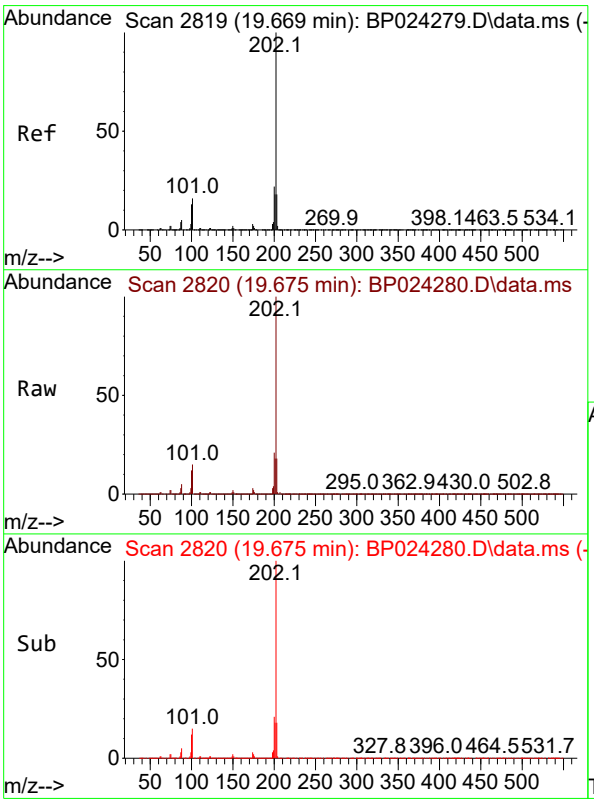
#77
Benzidine
Concen: 67.525 ng
RT: 19.498 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 1272924

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.6	17.4
183	11.7	9.2	13.8

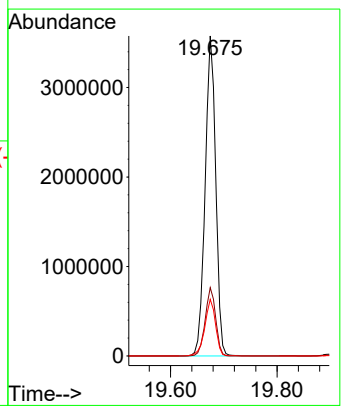


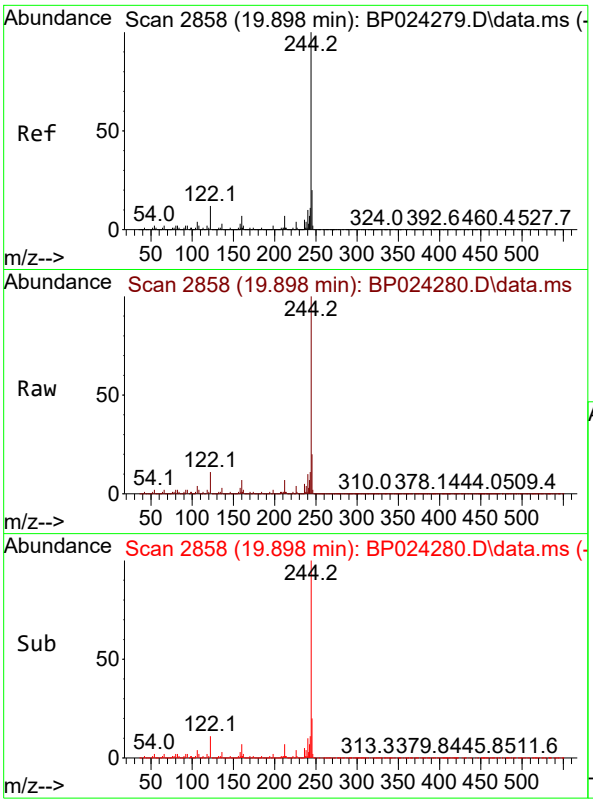


#78
Pyrene
Concen: 50.577 ng
RT: 19.675 min Scan# 2820
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:202 Resp: 4942328

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	17.7	14.4	21.6



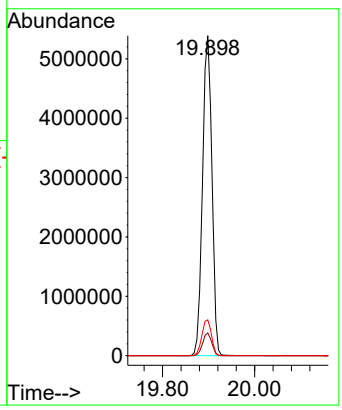


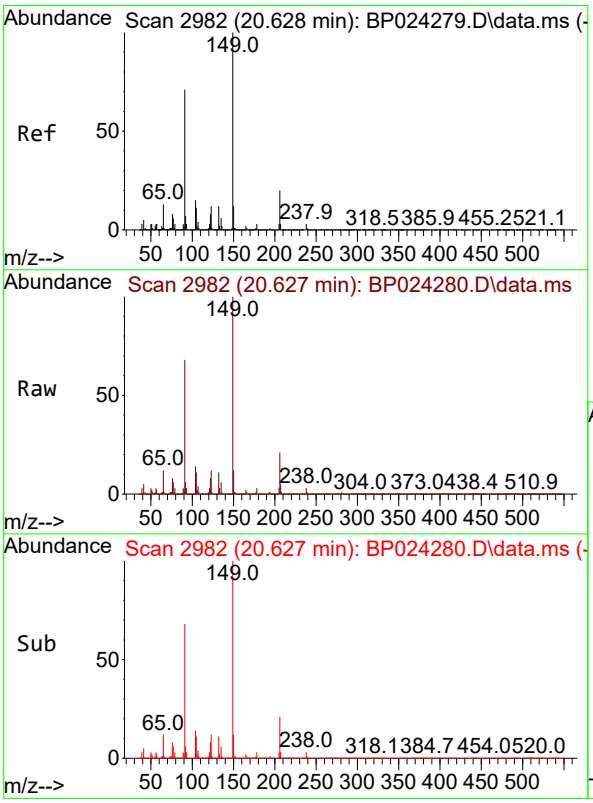
#79
Terphenyl-d14
Concen: 100.142 ng
RT: 19.898 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp: 7671902

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.2	9.4	14.0

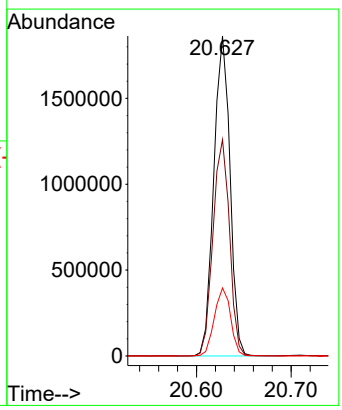


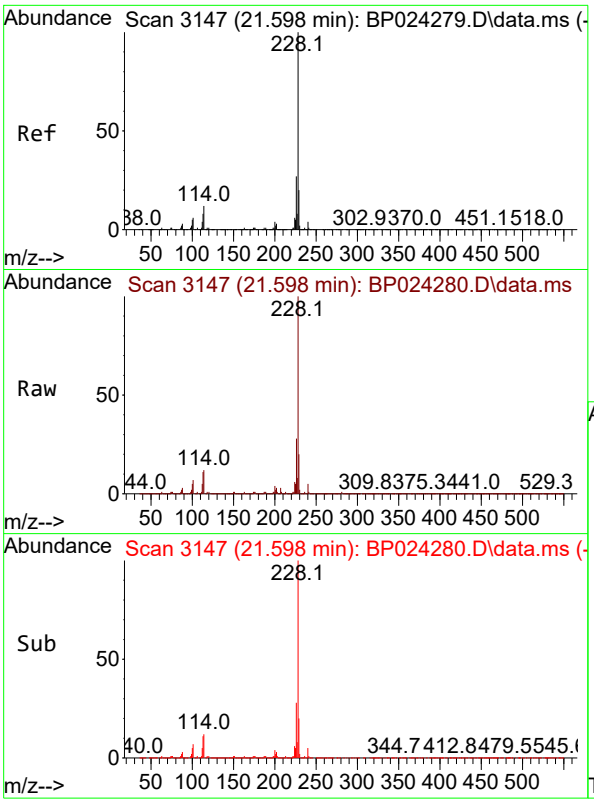


#80
Butylbenzylphthalate
Concen: 53.788 ng
RT: 20.627 min Scan# 2982
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:149 Resp: 2215843

Ion	Ratio	Lower	Upper
149	100		
91	67.6	56.4	84.6
206	21.3	16.3	24.5



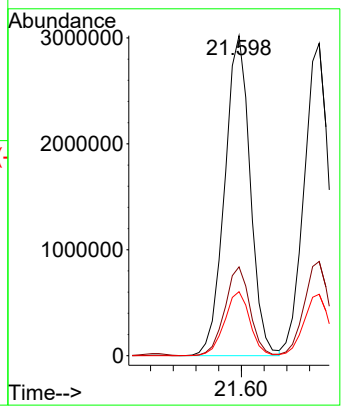


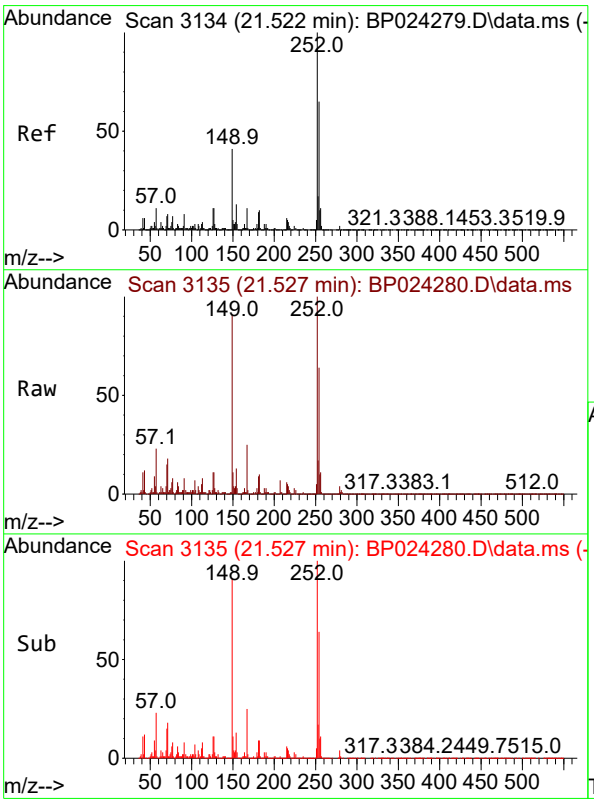
#81
Benzo(a)anthracene
Concen: 49.485 ng
RT: 21.598 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 4711301

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	20.0	15.9	23.9

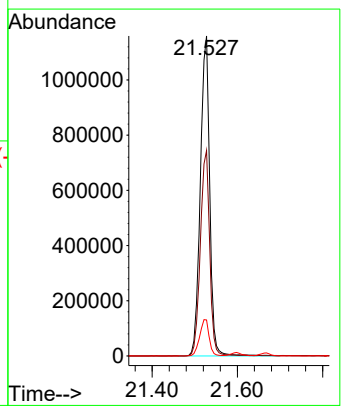


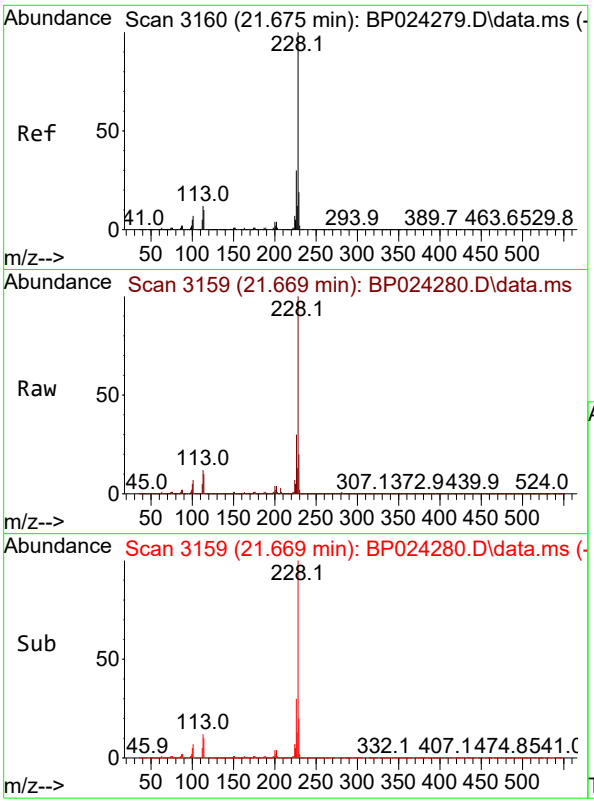


#82
3,3'-Dichlorobenzidine
Concen: 53.582 ng
RT: 21.527 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:252 Resp: 1768950

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.7	77.5
126	11.3	8.8	13.2



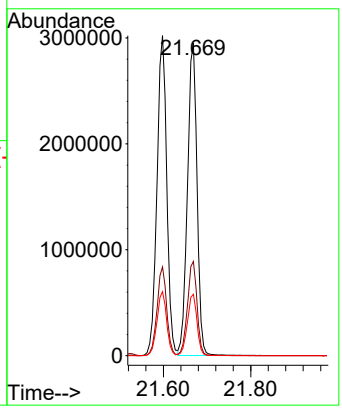


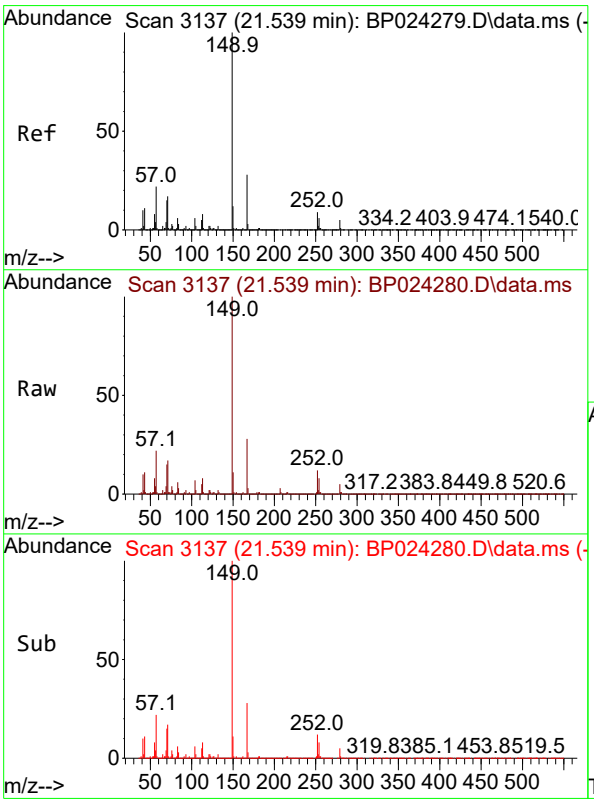
#83
Chrysene
Concen: 49.099 ng
RT: 21.669 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 4480150

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.7	15.6	23.4

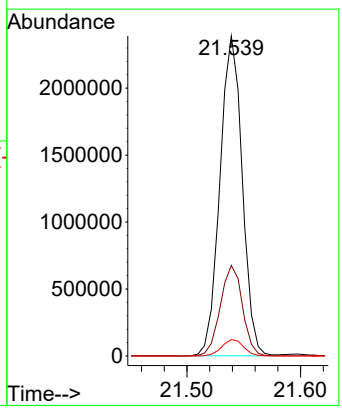


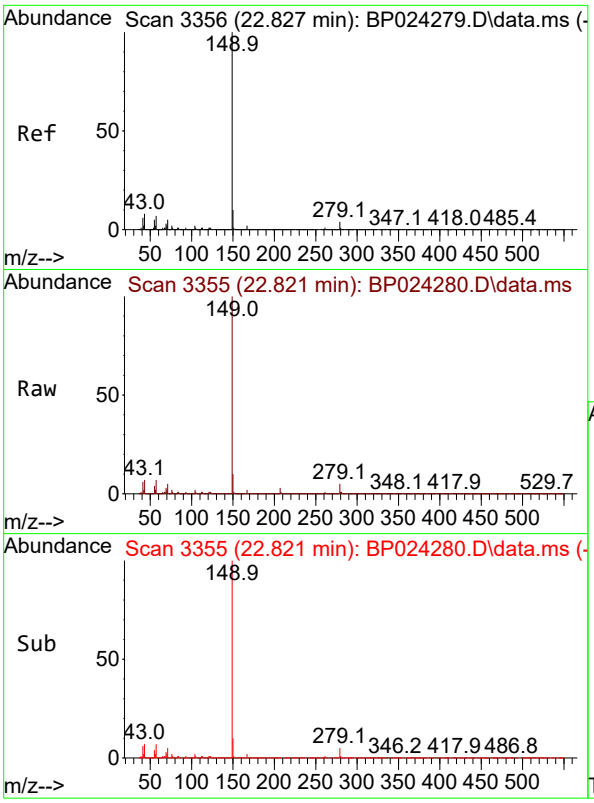


#84
Bis(2-ethylhexyl)phthalate
Concen: 53.679 ng
RT: 21.539 min Scan# 3137
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:149 Resp: 3256722

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.4	33.6
279	5.1	4.0	6.0



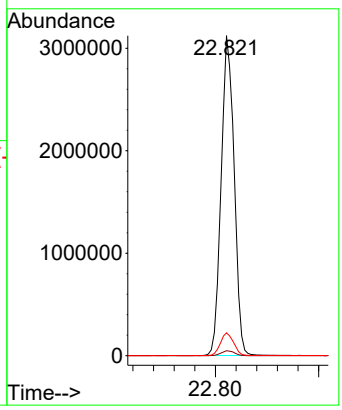


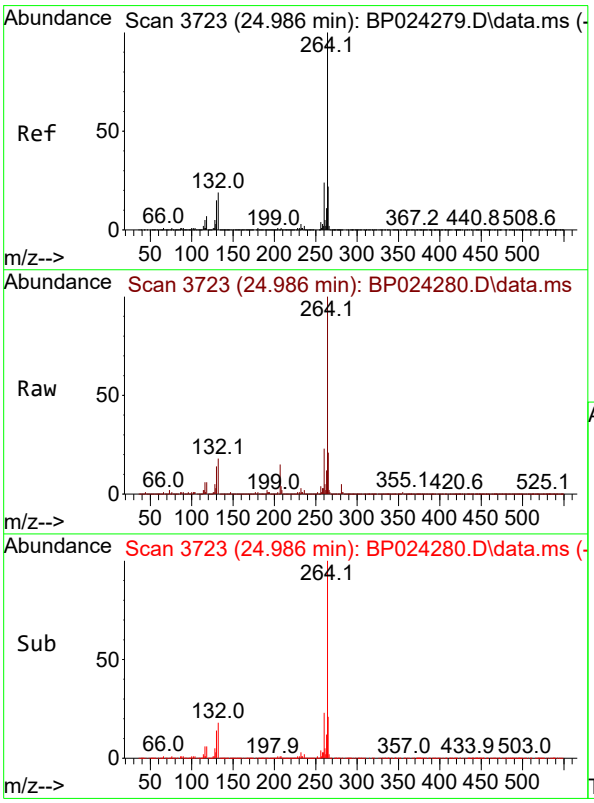
#85
Di-n-octyl phthalate
Concen: 56.166 ng
RT: 22.821 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 5458484

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.2	6.0	9.0

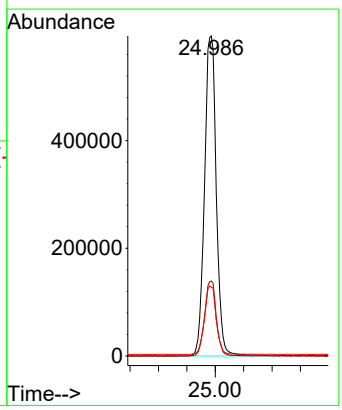


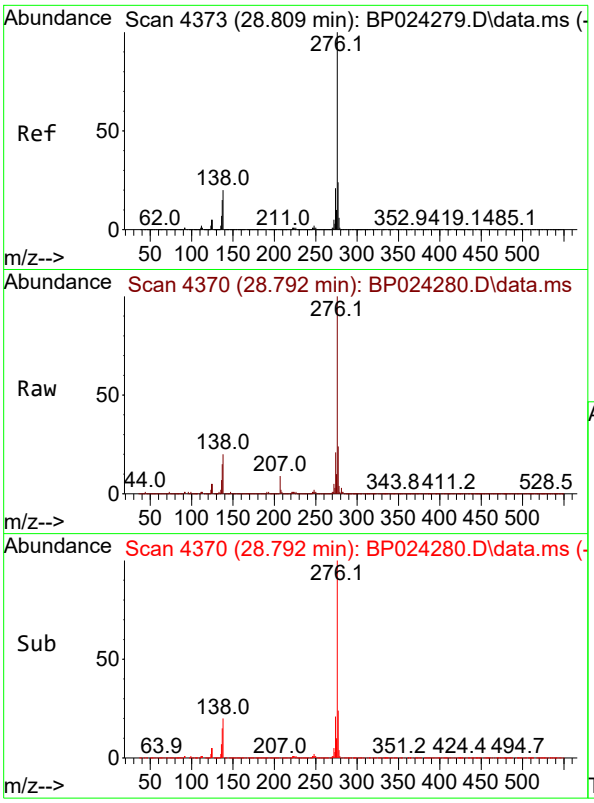


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.986 min Scan# 3723
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:264 Resp: 1706545

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.5	17.8	26.6



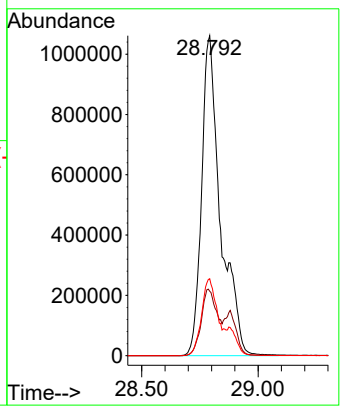


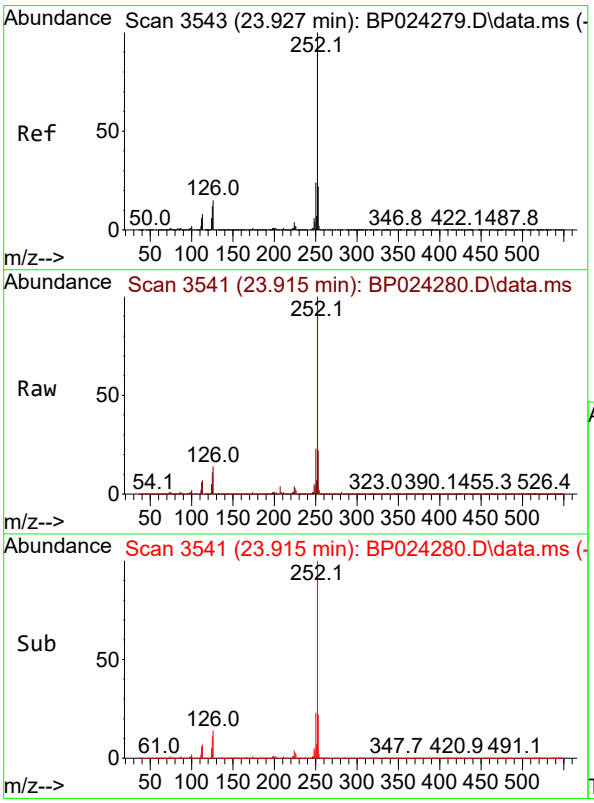
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.926 ng m
RT: 28.792 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 5977144

Ion	Ratio	Lower	Upper
276	100		
138	17.7	14.5	21.7
277	20.8	20.2	30.2

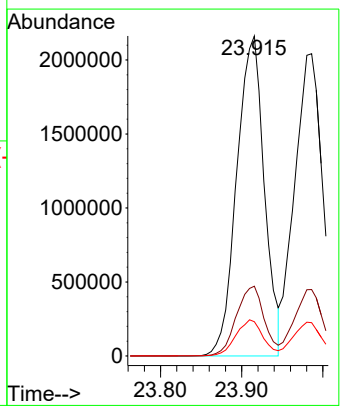


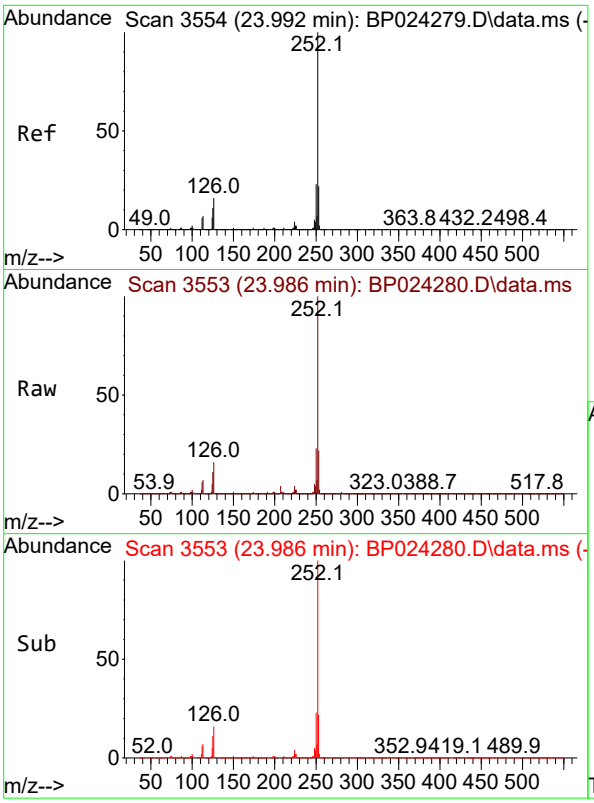


#88
Benzo(b)fluoranthene
Concen: 49.975 ng
RT: 23.915 min Scan# 3541
Delta R.T. -0.012 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:252 Resp: 5102465

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.7	9.4	14.0



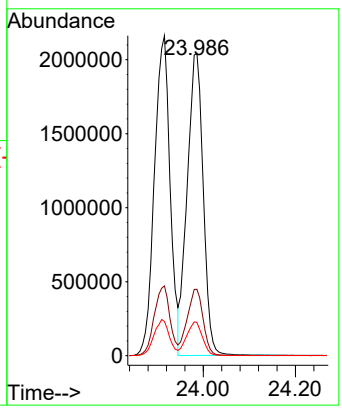


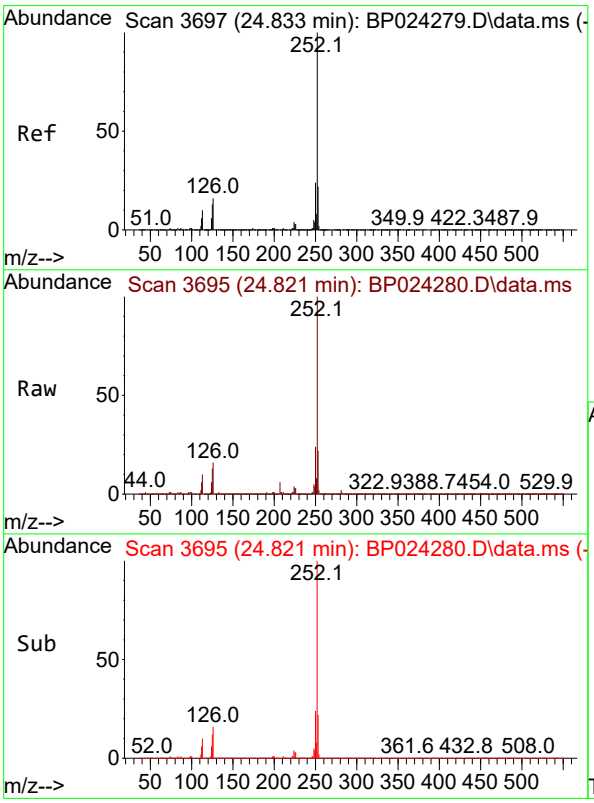
#89
Benzo(k)fluoranthene
Concen: 49.683 ng
RT: 23.986 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 4923203

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	11.0	9.1	13.7

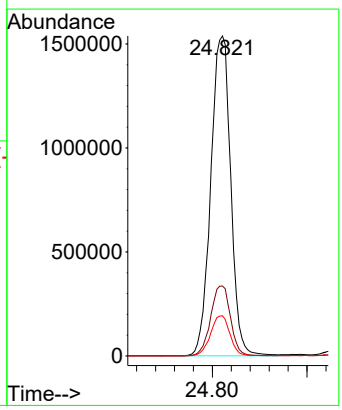


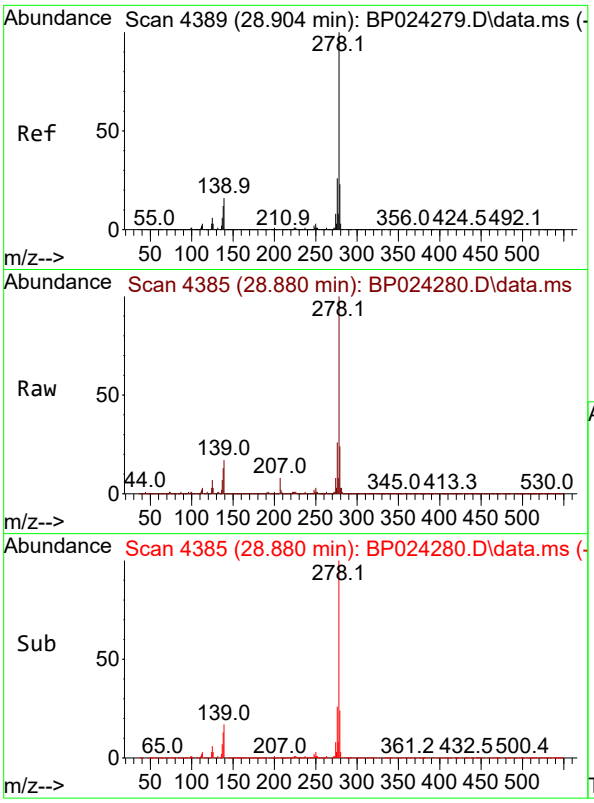


#90
Benzo(a)pyrene
Concen: 51.093 ng
RT: 24.821 min Scan# 3695
Delta R.T. -0.012 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:252 Resp: 4490517

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	12.5	10.1	15.1



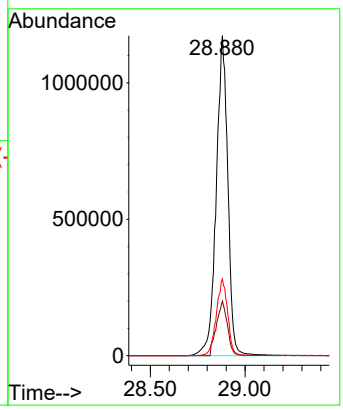


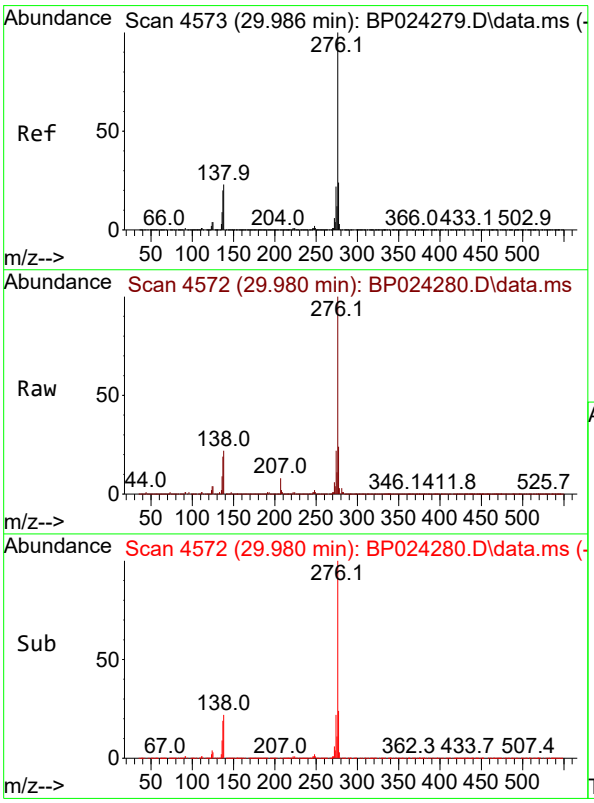
#91
Dibenzo(a,h)anthracene
Concen: 51.084 ng
RT: 28.880 min Scan# 4
Delta R.T. -0.024 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 4987219

Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.6	19.0
279	24.0	18.5	27.7

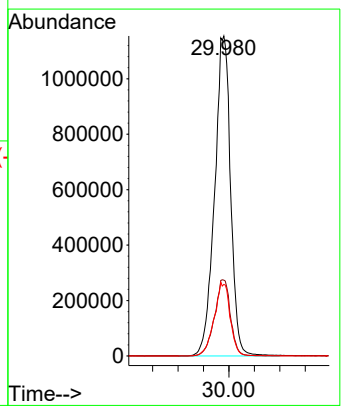




#92
Benzo(g,h,i)perylene
Concen: 50.656 ng
RT: 29.980 min Scan# 4572
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:276 Resp: 5033807

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	22.4	18.7	28.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024281.D
Acq On : 14 Apr 2025 16:32
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Apr 14 17:27:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.728	152	283549	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	1206231	20.000	ng		0.00
39) Acenaphthene-d10	14.363	164	777459	20.000	ng		0.00
64) Phenanthrene-d10	17.169	188	1536805	20.000	ng		0.00
76) Chrysene-d12	21.621	240	1596148	20.000	ng		0.00
86) Perylene-d12	24.986	264	1858365	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	2173071	126.481	ng		0.00
7) Phenol-d6	6.916	99	3009690	128.049	ng		0.00
23) Nitrobenzene-d5	8.881	82	2579126	121.729	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	1382037	129.818	ng		0.00
45) 2-Fluorobiphenyl	12.975	172	5835791	113.964	ng		0.00
79) Terphenyl-d14	19.898	244	9228969	115.262	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	417124	56.869	ng		100
3) Pyridine	3.687	79	1176097m	61.599	ng		
4) n-Nitrosodimethylamine	3.599	42	391176	61.443	ng		99
6) Aniline	7.069	93	1214636	57.245	ng		100
8) 2-Chlorophenol	7.305	128	1190812	62.021	ng		99
9) Benzaldehyde	6.881	77	617878	50.755	ng		99
10) Phenol	6.946	94	1513303	64.123	ng		99
11) bis(2-Chloroethyl)ether	7.163	93	1155297	60.579	ng		100
12) 1,3-Dichlorobenzene	7.622	146	1218832	58.589	ng		100
13) 1,4-Dichlorobenzene	7.763	146	1244205	58.981	ng		100
14) 1,2-Dichlorobenzene	8.081	146	1199988	58.830	ng		100
15) Benzyl Alcohol	7.975	79	1002308	66.533	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.257	45	1187992	57.259	ng		99
17) 2-Methylphenol	8.175	107	978531	64.342	ng		99
18) Hexachloroethane	8.804	117	453349	59.545	ng		98
19) n-Nitroso-di-n-propyla...	8.534	70	883042	60.486	ng		99
20) 3+4-Methylphenols	8.499	107	1367005	64.895	ng		99
22) Acetophenone	8.546	105	1792666	59.797	ng	#	99
24) Nitrobenzene	8.922	77	1276229	60.775	ng		100
25) Isophorone	9.446	82	2365423	61.842	ng		99
26) 2-Nitrophenol	9.628	139	690735	68.504	ng		99
27) 2,4-Dimethylphenol	9.693	122	826335	64.660	ng		98
28) bis(2-Chloroethoxy)met...	9.922	93	1539129	59.124	ng		99
29) 2,4-Dichlorophenol	10.157	162	1124170	64.543	ng		99
30) 1,2,4-Trichlorobenzene	10.369	180	1138896	60.440	ng		99
31) Naphthalene	10.557	128	3790924	59.373	ng		99
32) Benzoic acid	9.869	122	1032910m	74.795	ng		
33) 4-Chloroaniline	10.675	127	1372601	61.527	ng		100
34) Hexachlorobutadiene	10.845	225	660129	59.719	ng		99
35) Caprolactam	11.475	113	437691	68.445	ng		99
36) 4-Chloro-3-methylphenol	11.804	107	1314421	64.762	ng		98
37) 2-Methylnaphthalene	12.169	142	2676555	60.487	ng		99
38) 1-Methylnaphthalene	12.387	142	2599119	59.960	ng		100
40) 1,2,4,5-Tetrachloroben...	12.540	216	1281552	59.981	ng		100
41) Hexachlorocyclopentadiene	12.522	237	459486	61.257	ng		99
43) 2,4,6-Trichlorophenol	12.787	196	909999	64.732	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024281.D
Acq On : 14 Apr 2025 16:32
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Apr 14 17:27:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

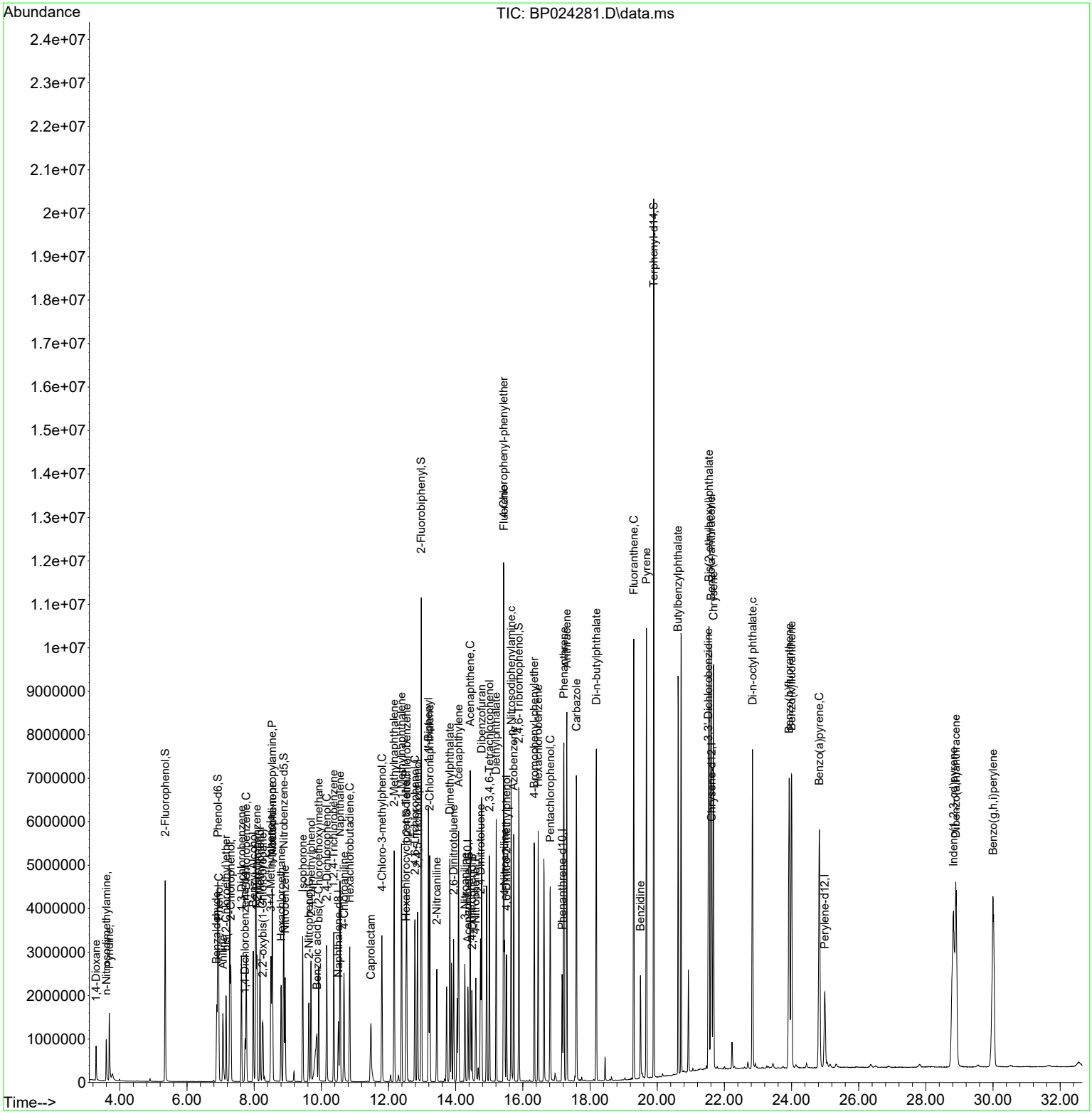
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	1017414	65.306	ng	99
46) 1,1'-Biphenyl	13.187	154	3330176	58.001	ng	99
47) 2-Chloronaphthalene	13.228	162	2542212	59.336	ng	99
48) 2-Nitroaniline	13.439	65	781584	66.042	ng	98
49) Acenaphthylene	14.087	152	4111553	61.143	ng	99
50) Dimethylphthalate	13.828	163	3404463	60.022	ng	100
51) 2,6-Dinitrotoluene	13.939	165	764810	63.998	ng	98
52) Acenaphthene	14.434	154	2516981	58.858	ng	99
53) 3-Nitroaniline	14.275	138	793796	64.022	ng	99
54) 2,4-Dinitrophenol	14.486	184	490497	76.655	ng	97
55) Dibenzofuran	14.775	168	4124640	58.810	ng	100
56) 4-Nitrophenol	14.598	139	754038	70.748	ng	99
57) 2,4-Dinitrotoluene	14.739	165	1079633	66.836	ng	98
58) Fluorene	15.434	166	3184960	58.817	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	909497	63.097	ng	100
60) Diethylphthalate	15.204	149	3495577	59.879	ng	100
61) 4-Chlorophenyl-phenyle...	15.428	204	1563042	59.442	ng	99
62) 4-Nitroaniline	15.457	138	886163	67.414	ng	98
63) Azobenzene	15.728	77	3229873	60.070	ng	98
65) 4,6-Dinitro-2-methylph...	15.516	198	647253	72.083	ng	94
66) n-Nitrosodiphenylamine	15.651	169	2805137	60.874	ng	100
67) 4-Bromophenyl-phenylether	16.339	248	1038071	61.926	ng	98
68) Hexachlorobenzene	16.457	284	1239550	62.200	ng	97
70) Pentachlorophenol	16.816	266	936562	68.445	ng	100
71) Phenanthrene	17.222	178	4988840	59.209	ng	99
72) Anthracene	17.310	178	4938117	60.907	ng	99
73) Carbazole	17.592	167	4780408	60.584	ng	99
74) Di-n-butylphthalate	18.186	149	6167206	62.730	ng	100
75) Fluoranthene	19.304	202	6009748	60.092	ng	98
77) Benzidine	19.504	184	1446166	73.401	ng	100
78) Pyrene	19.680	202	6250781	61.204	ng	100
80) Butylbenzylphthalate	20.621	149	2840001	65.961	ng	98
81) Benzo(a)anthracene	21.604	228	6002059	60.318	ng	99
82) 3,3'-Dichlorobenzidine	21.521	252	2323294	67.333	ng	100
83) Chrysene	21.674	228	5714775	59.924	ng	99
84) Bis(2-ethylhexyl)phtha...	21.545	149	4153128	65.497	ng	99
85) Di-n-octyl phthalate	22.839	149	7116217	70.060	ng	99
87) Indeno(1,2,3-cd)pyrene	28.821	276	8057576m	63.043	ng	
88) Benzo(b)fluoranthene	23.927	252	6715444	60.400	ng	99
89) Benzo(k)fluoranthene	24.004	252	6500782	60.244	ng	99
90) Benzo(a)pyrene	24.827	252	5964163	62.316	ng	99
91) Dibenzo(a,h)anthracene	28.892	278	6614173	62.214	ng	98
92) Benzo(g,h,i)perylene	30.003	276	6740929	62.294	ng	98

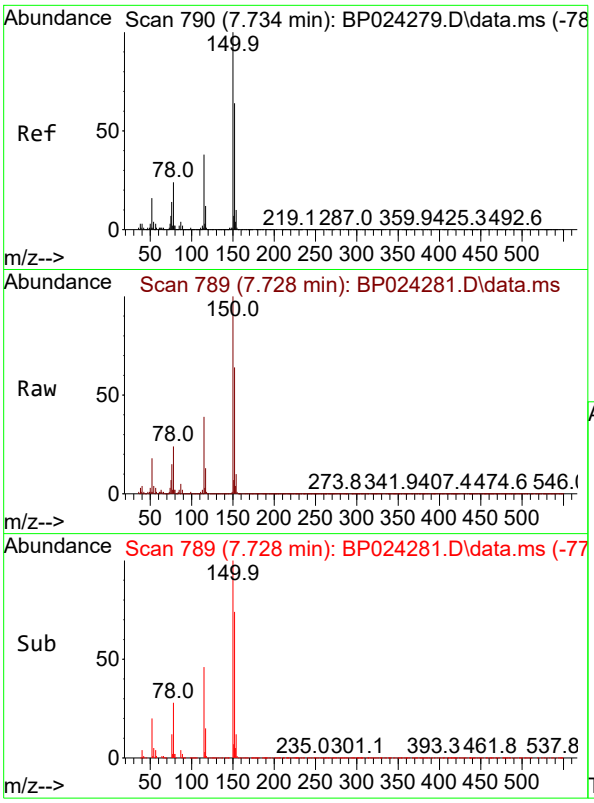
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024281.D
Acq On : 14 Apr 2025 16:32
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Apr 14 17:27:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration



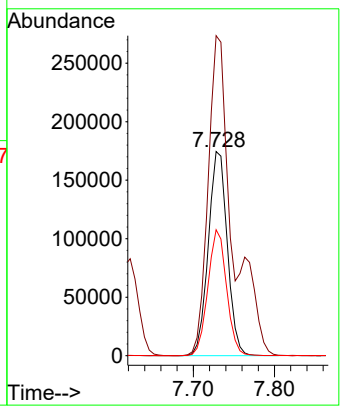


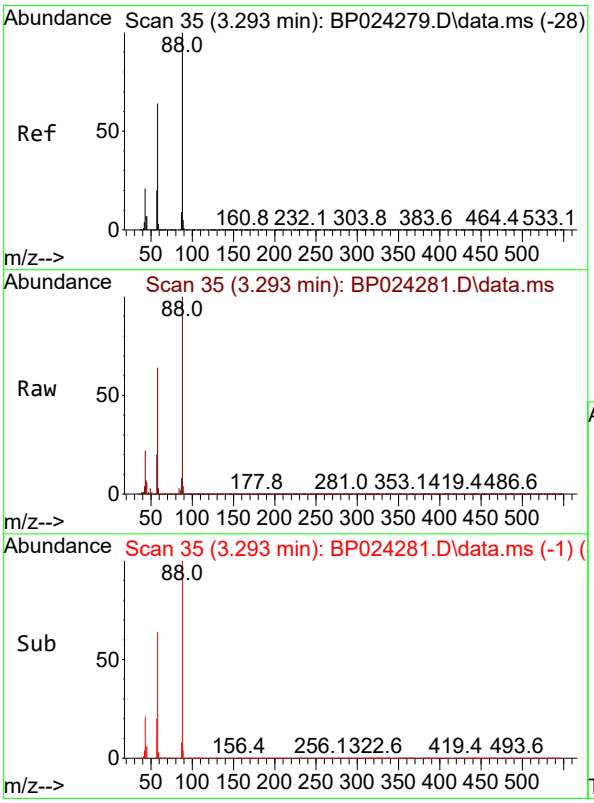
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 283549

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.9	187.3
115	61.7	47.7	71.5

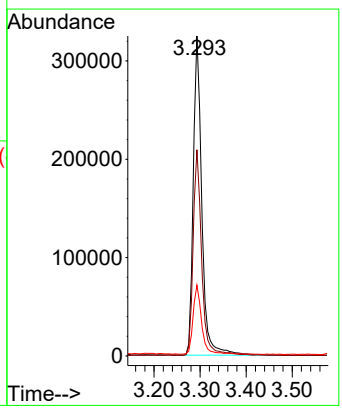


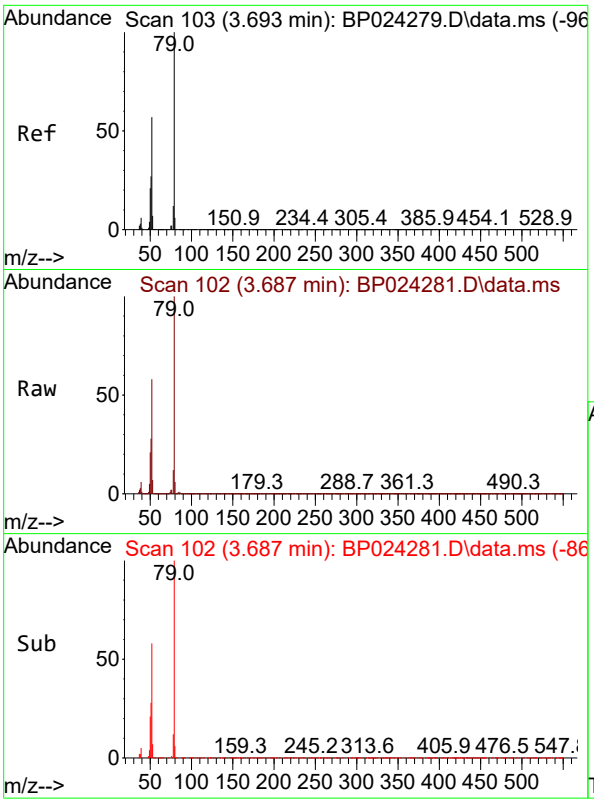


#2
1,4-Dioxane
Concen: 56.869 ng
RT: 3.293 min Scan# 35
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion: 88 Resp: 417124

Ion	Ratio	Lower	Upper
88	100		
58	64.4	51.4	77.2
43	21.4	17.1	25.7



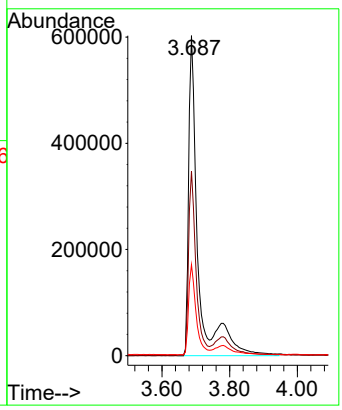


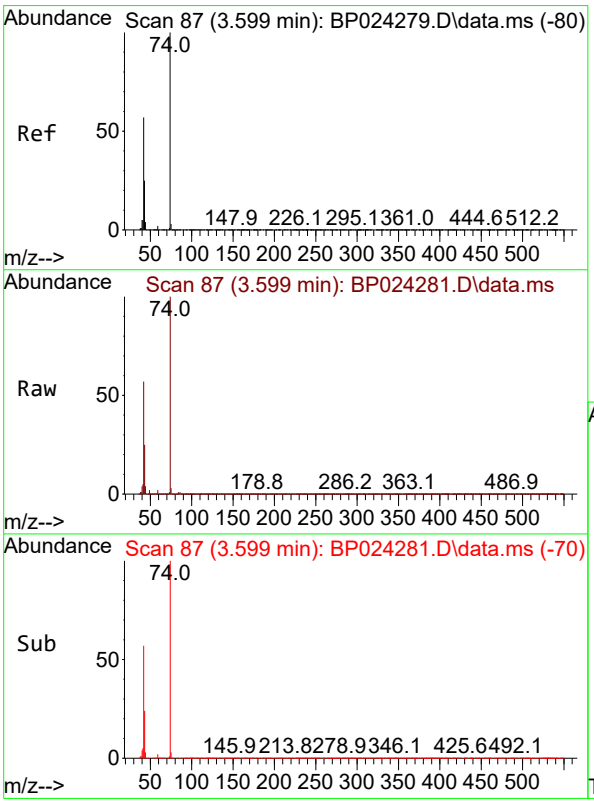
#3
Pyridine
Concen: 61.599 ng m
RT: 3.687 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 1176097

Ion	Ratio	Lower	Upper
79	100		
52	57.7	45.4	68.2
51	28.4	22.6	33.8

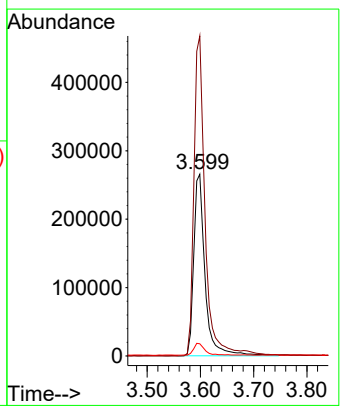


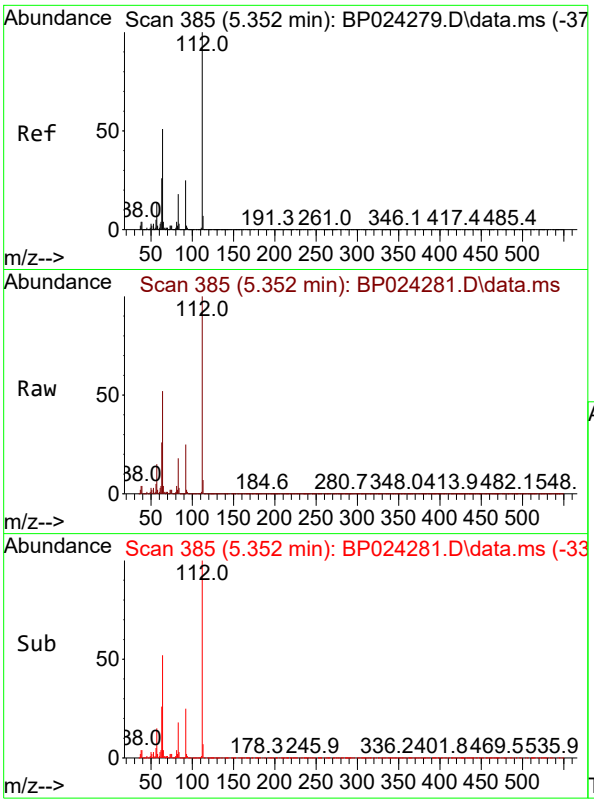


#4
n-Nitrosodimethylamine
Concen: 61.443 ng
RT: 3.599 min Scan# 87
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion: 42 Resp: 391176

Ion	Ratio	Lower	Upper
42	100		
74	176.0	139.5	209.3
44	6.7	5.8	8.8



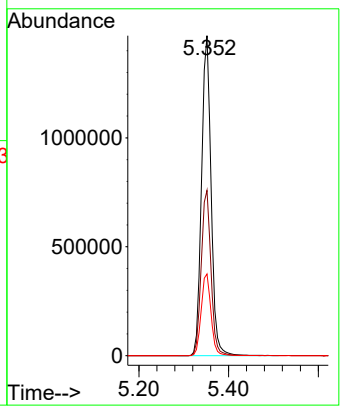


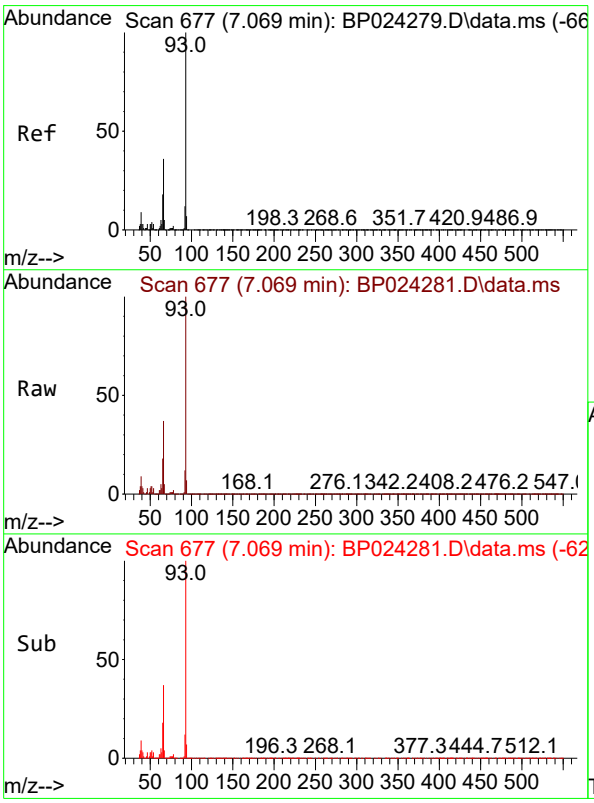
#5
2-Fluorophenol
Concen: 126.481 ng
RT: 5.352 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 2173071

Ion	Ratio	Lower	Upper
112	100		
64	51.6	41.1	61.7
63	25.5	20.6	30.8

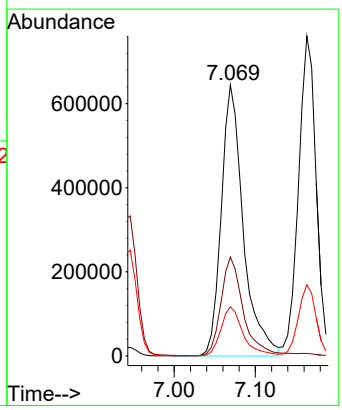


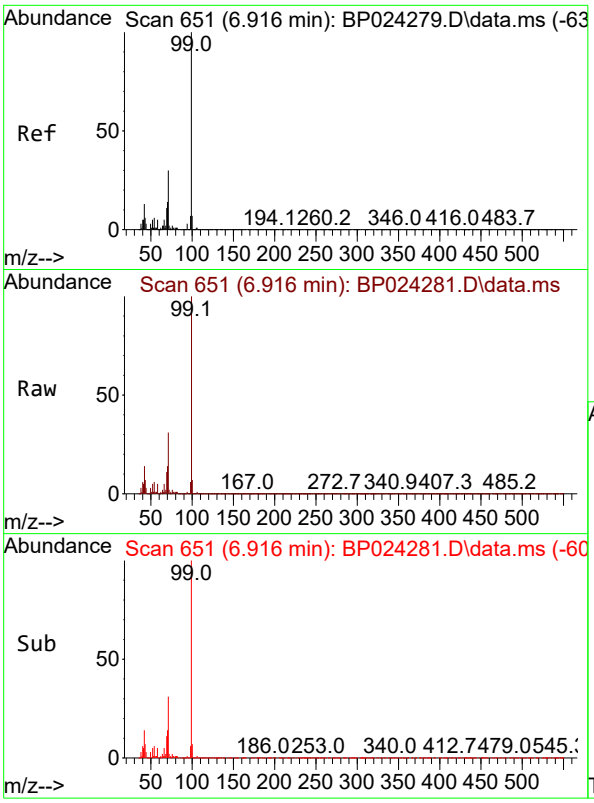


#6
Aniline
Concen: 57.245 ng
RT: 7.069 min Scan# 677
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion: 93 Resp: 1214636

Ion	Ratio	Lower	Upper
93	100		
66	36.6	29.1	43.7
65	18.1	14.7	22.1



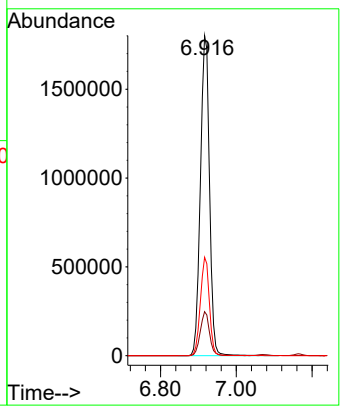


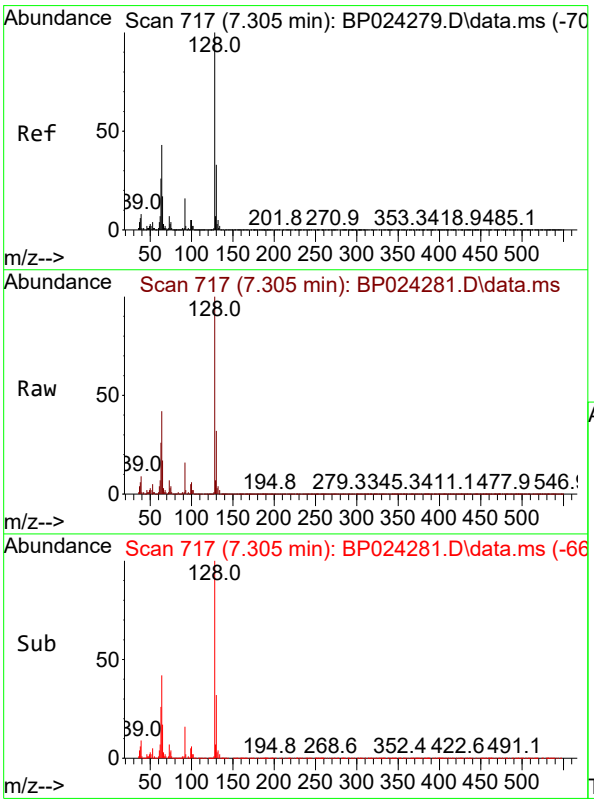
#7
Phenol-d6
Concen: 128.049 ng
RT: 6.916 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 3009690

Ion	Ratio	Lower	Upper
99	100		
42	13.8	10.6	16.0
71	30.8	23.7	35.5

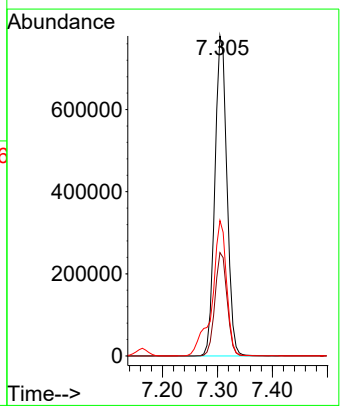


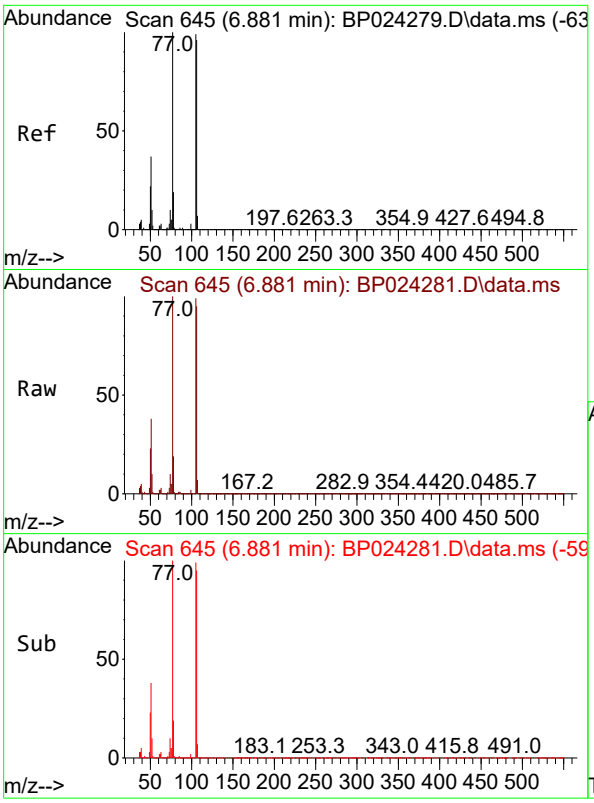


#8
2-Chlorophenol
Concen: 62.021 ng
RT: 7.305 min Scan# 717
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:128 Resp: 1190812

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	42.3	22.7	62.7



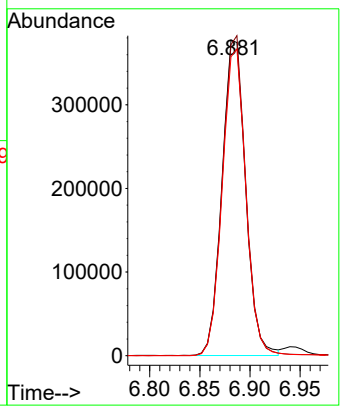


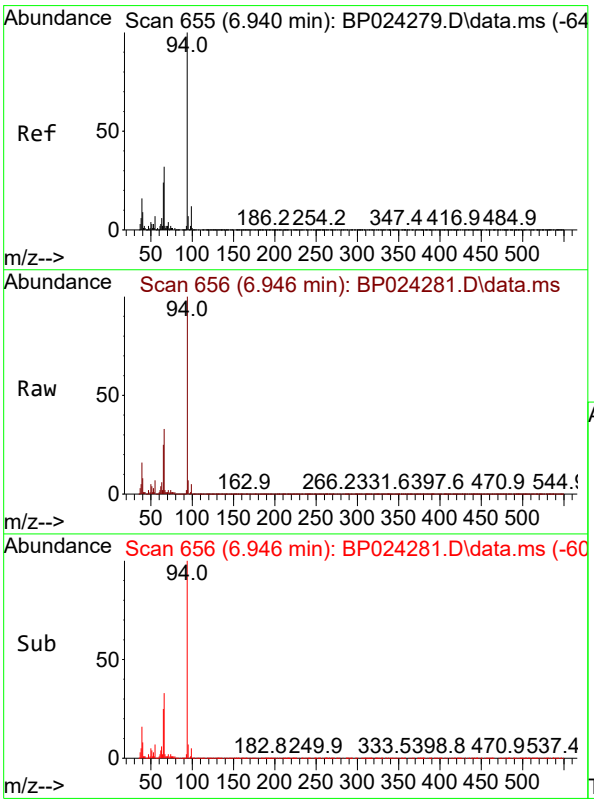
#9
Benzaldehyde
Concen: 50.755 ng
RT: 6.881 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 617878

Ion	Ratio	Lower	Upper
77	100		
105	98.5	79.2	119.2
106	94.7	76.2	116.2

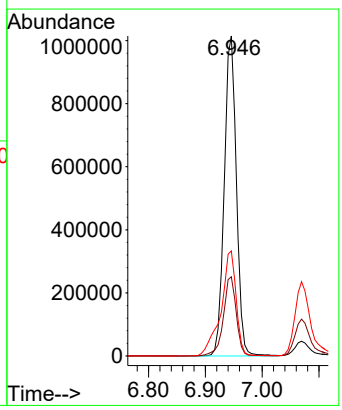


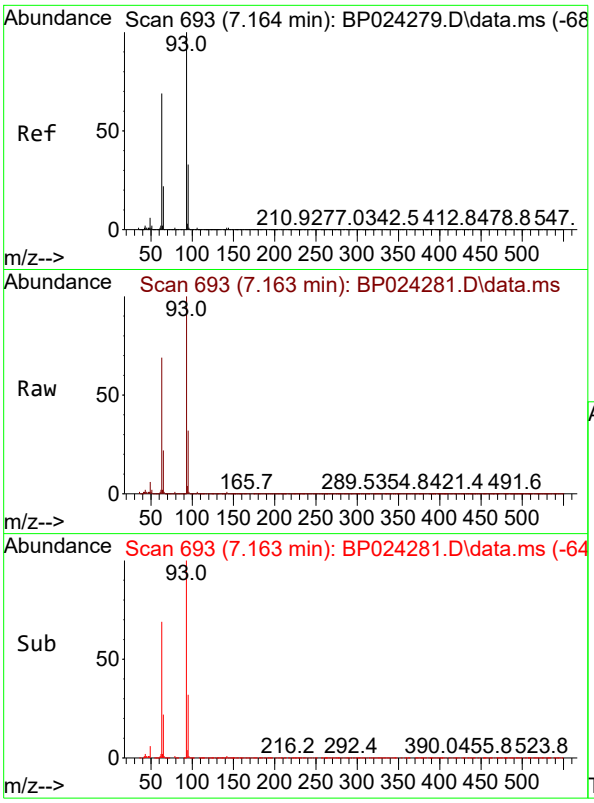


#10
Phenol
Concen: 64.123 ng
RT: 6.946 min Scan# 656
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion: 94 Resp: 1513303

Ion	Ratio	Lower	Upper
94	100		
65	24.8	4.5	44.5
66	32.8	12.4	52.4



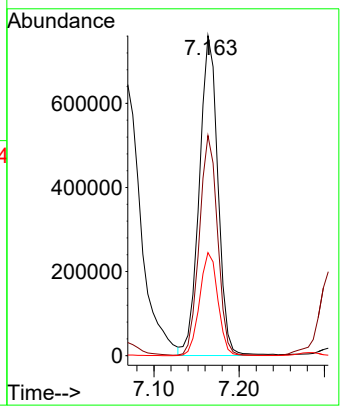


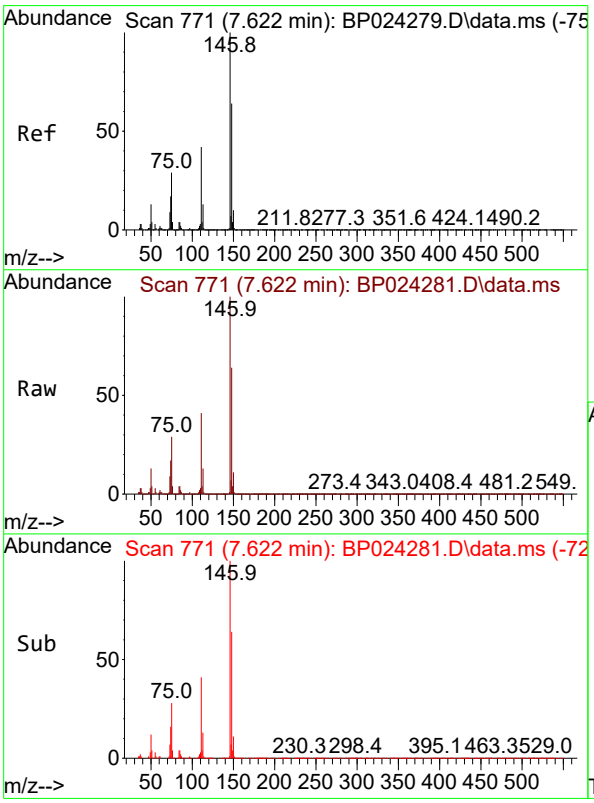
#11
bis(2-Chloroethyl)ether
Concen: 60.579 ng
RT: 7.163 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 1155297

Ion	Ratio	Lower	Upper
93	100		
63	68.8	48.6	88.6
95	32.2	12.3	52.3

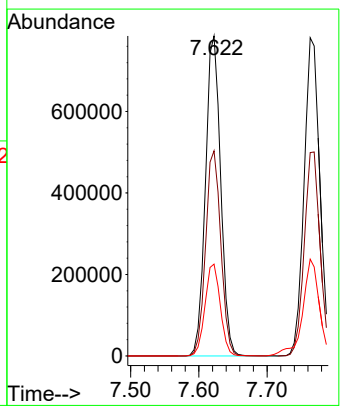


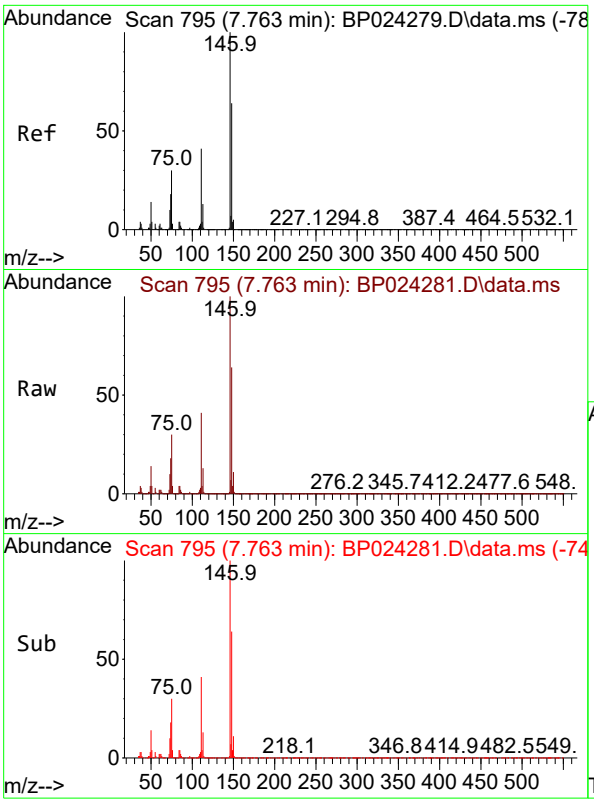


#12
1,3-Dichlorobenzene
Concen: 58.589 ng
RT: 7.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:146 Resp: 1218832

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.0
75	28.7	22.9	34.3



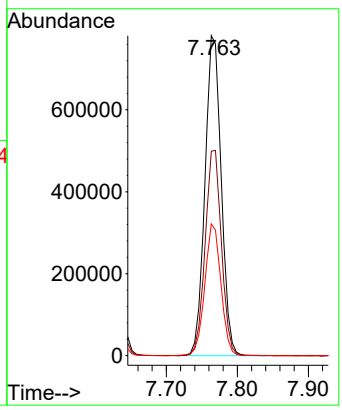


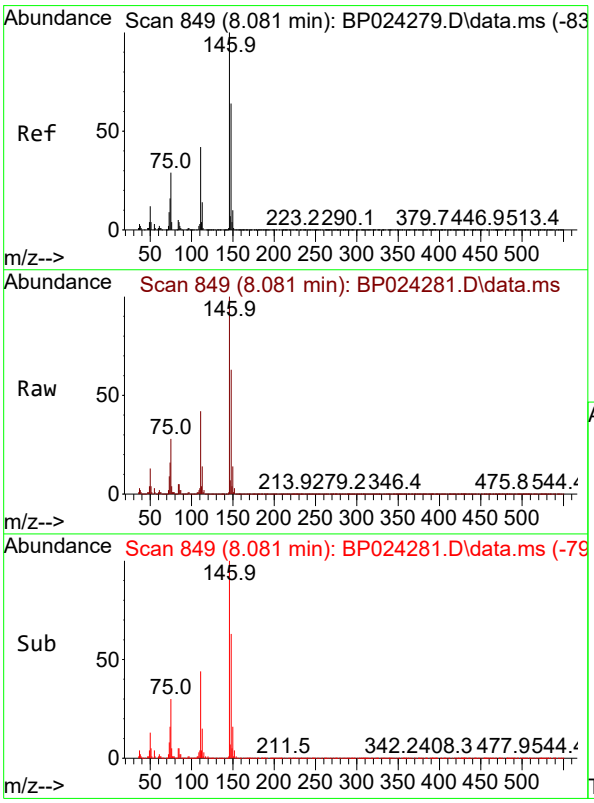
#13
1,4-Dichlorobenzene
Concen: 58.981 ng
RT: 7.763 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 1244205

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	41.2	32.6	48.8

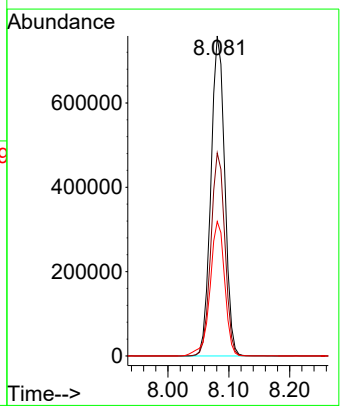


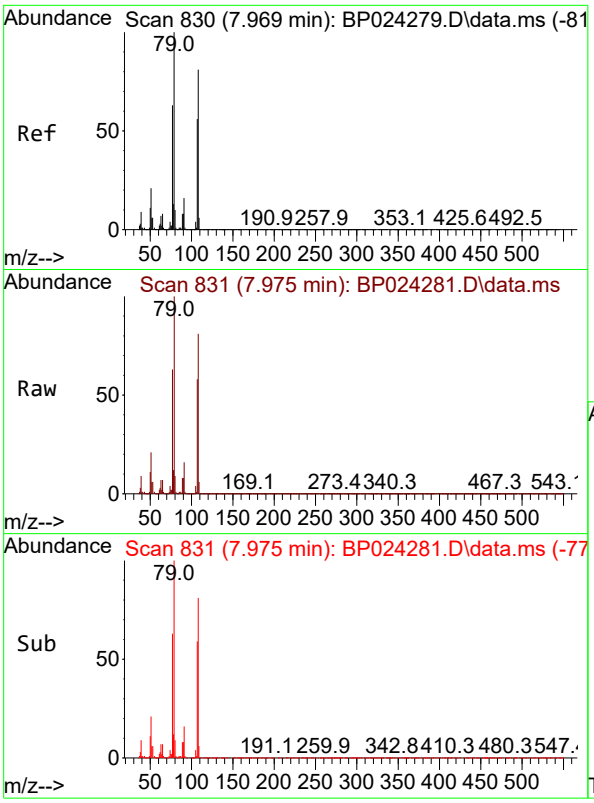


#14
1,2-Dichlorobenzene
Concen: 58.830 ng
RT: 8.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:146 Resp: 1199988

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.4
111	42.0	33.8	50.8



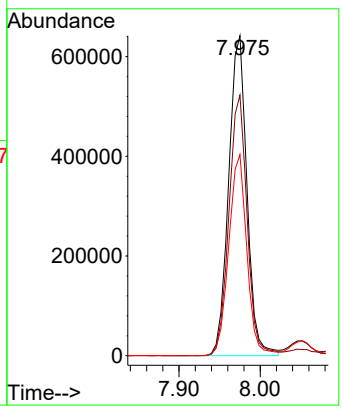


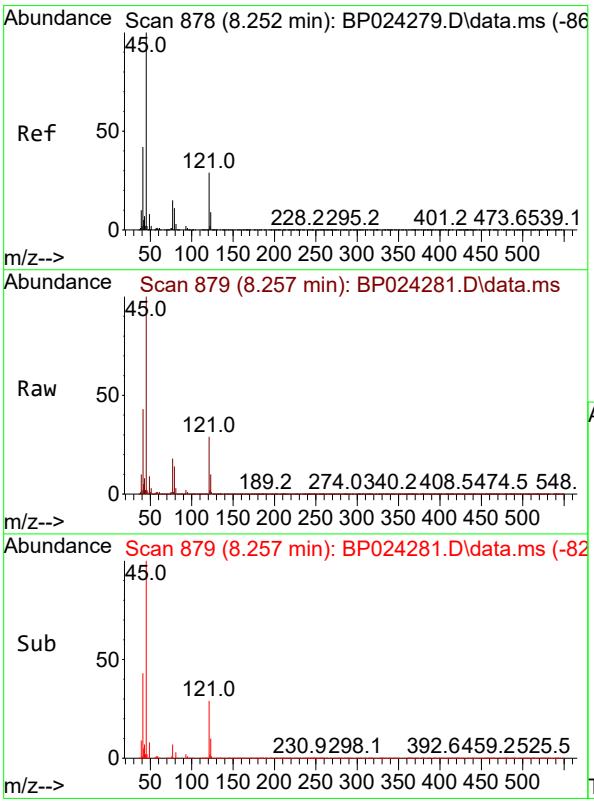
#15
Benzyl Alcohol
Concen: 66.533 ng
RT: 7.975 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 1002308

Ion	Ratio	Lower	Upper
79	100		
108	81.4	65.1	97.7
77	62.9	50.7	76.1

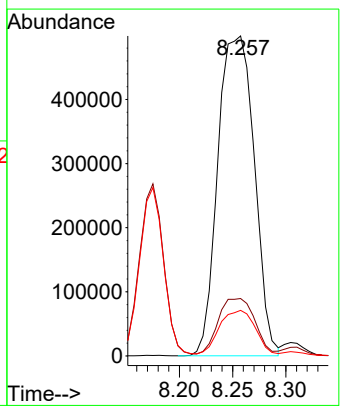


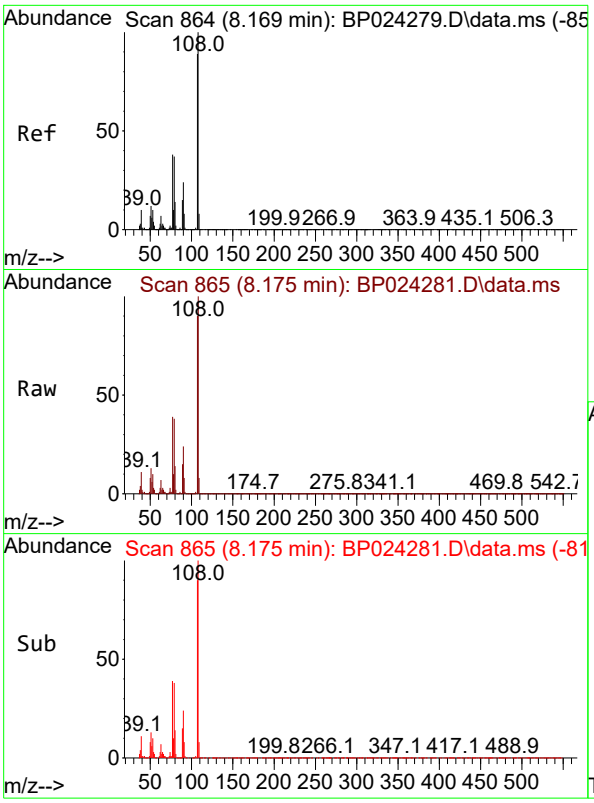


#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.259 ng
RT: 8.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion: 45 Resp: 1187992

Ion	Ratio	Lower	Upper
45	100		
77	17.9	0.0	37.7
79	14.3	0.0	33.5



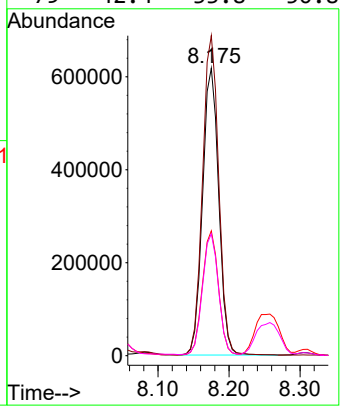


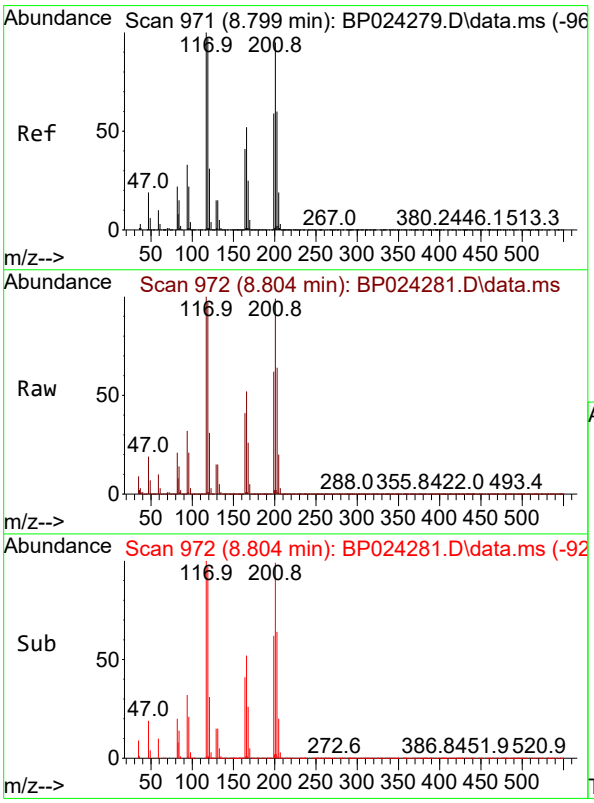
#17
2-Methylphenol
Concen: 64.342 ng
RT: 8.175 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 978531

Ion	Ratio	Lower	Upper
107	100		
108	111.3	89.8	134.6
77	43.4	34.2	51.4
79	42.4	33.8	50.8

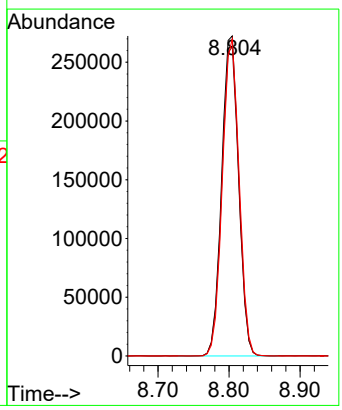


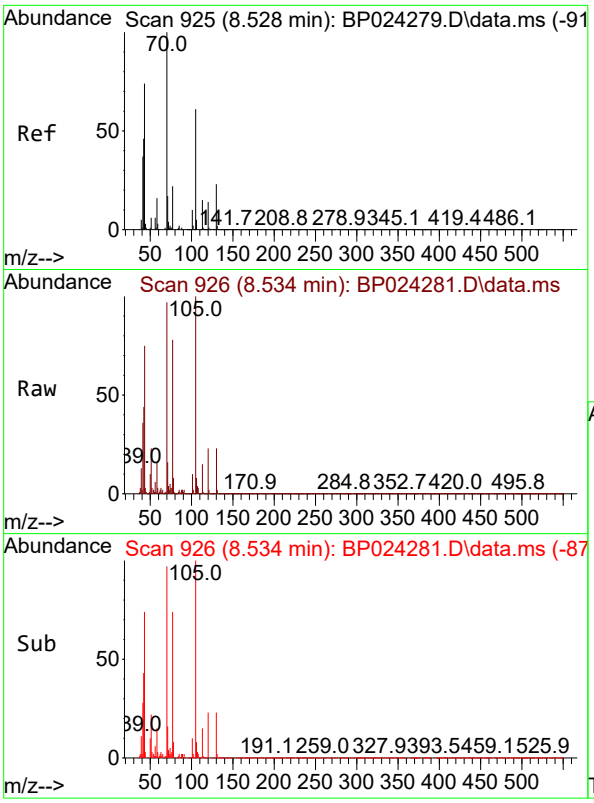


#18
Hexachloroethane
Concen: 59.545 ng
RT: 8.804 min Scan# 972
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:117 Resp: 453349

Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.8	116.6
201	99.1	75.9	113.9



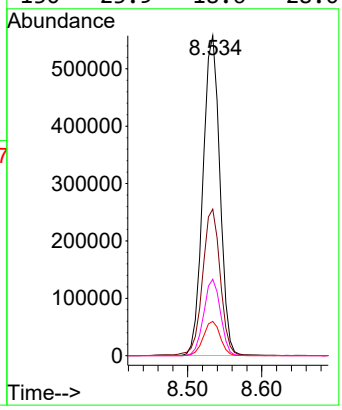


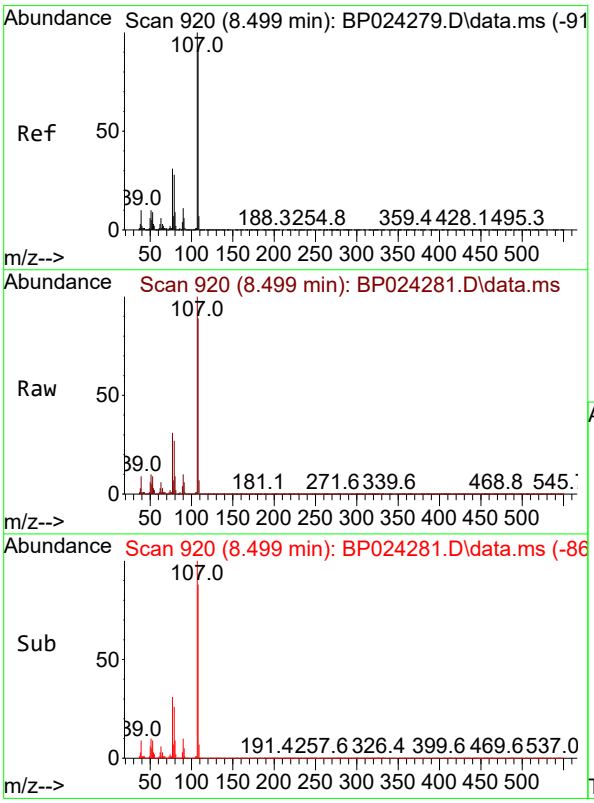
#19
n-Nitroso-di-n-propylamine
Concen: 60.486 ng
RT: 8.534 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 883042

Ion	Ratio	Lower	Upper
70	100		
42	45.8	37.3	55.9
101	10.7	8.2	12.4
130	23.9	18.6	28.0

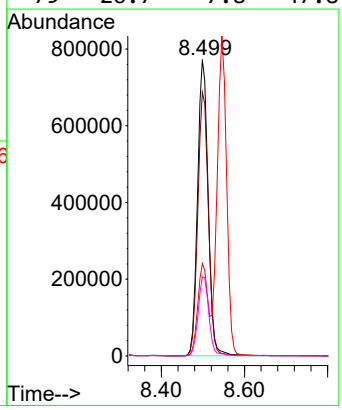


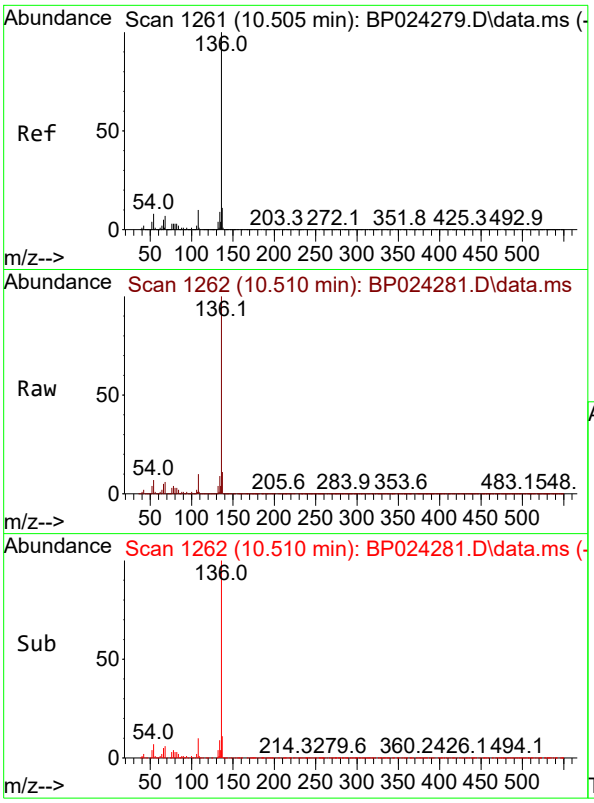


#20
3+4-Methylphenols
Concen: 64.895 ng
RT: 8.499 min Scan# 920
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:107 Resp: 1367005

Ion	Ratio	Lower	Upper
107	100		
108	89.0	69.8	109.8
77	31.1	11.5	51.5
79	26.7	7.8	47.8



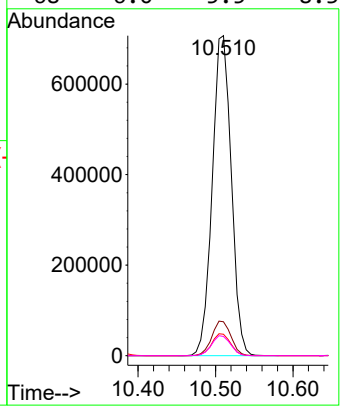


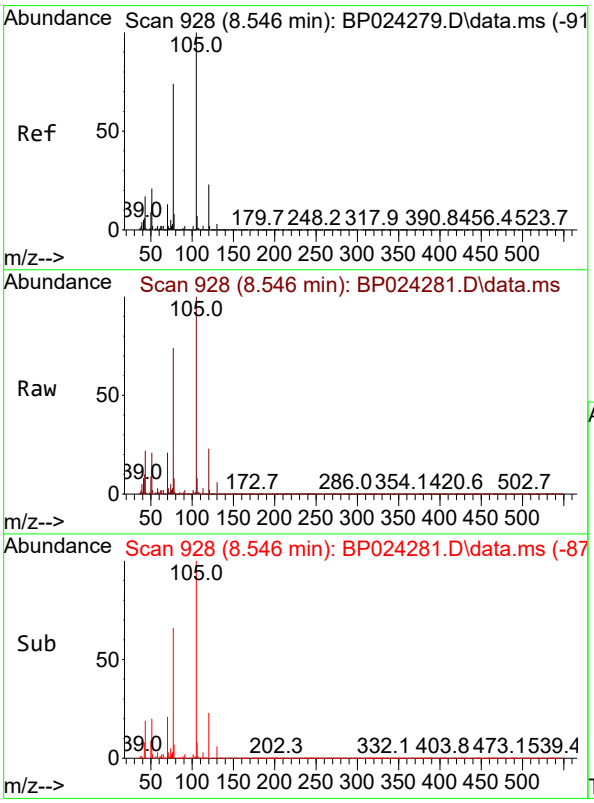
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 1206231

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	6.7	6.0	9.0
68	6.0	5.5	8.3

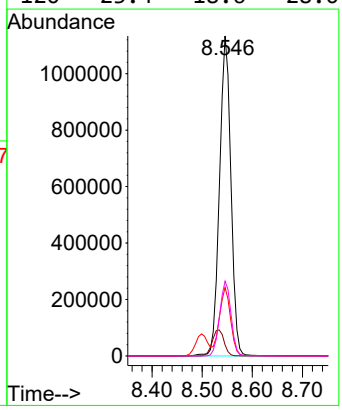


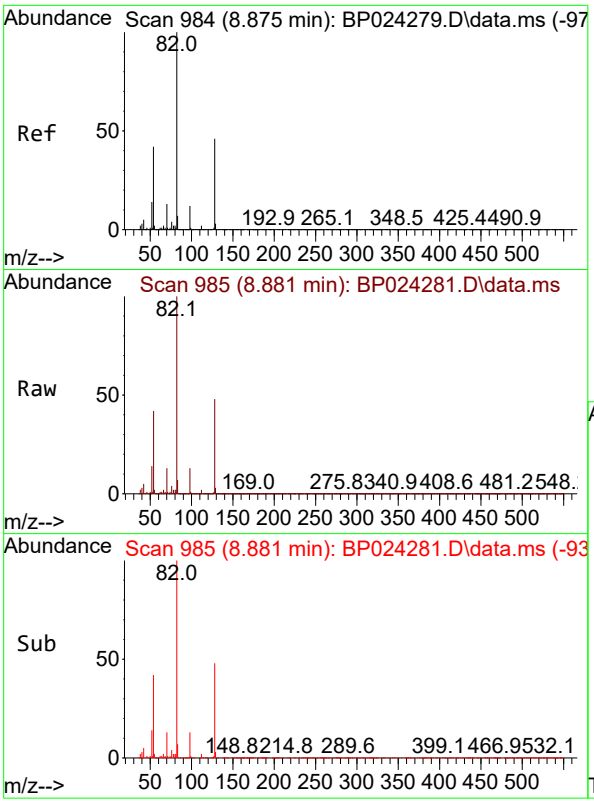


#22
Acetophenone
Concen: 59.797 ng
RT: 8.546 min Scan# 928
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:105 Resp: 1792666

Ion	Ratio	Lower	Upper
105	100		
71	3.4	1.7	2.5#
51	21.4	16.9	25.3
120	23.4	18.6	28.0



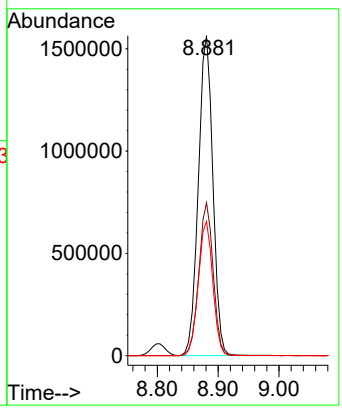


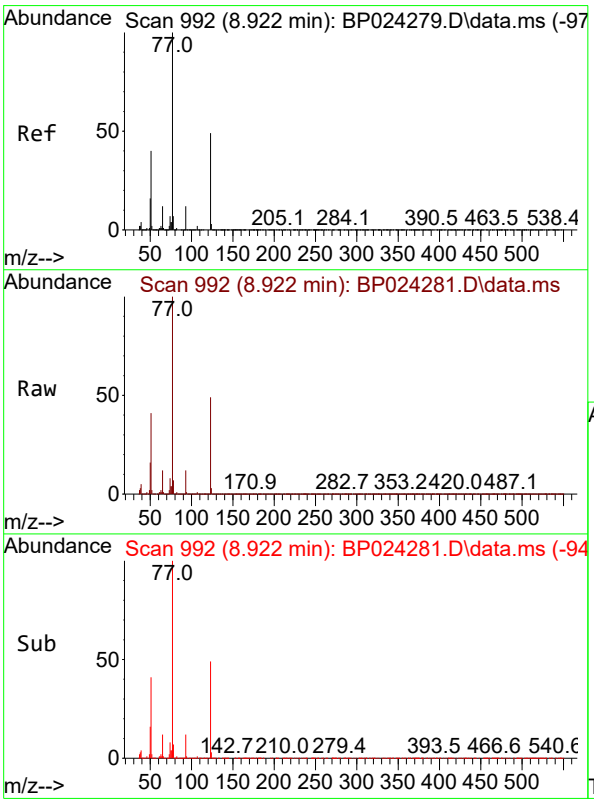
#23
Nitrobenzene-d5
Concen: 121.729 ng
RT: 8.881 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 2579126

Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.5	54.7
54	41.9	33.4	50.2

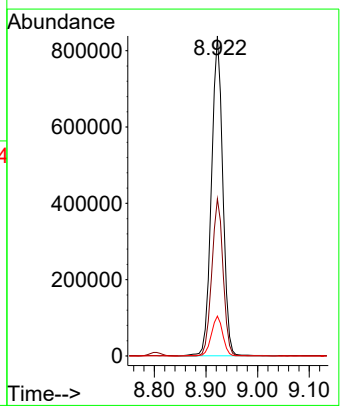


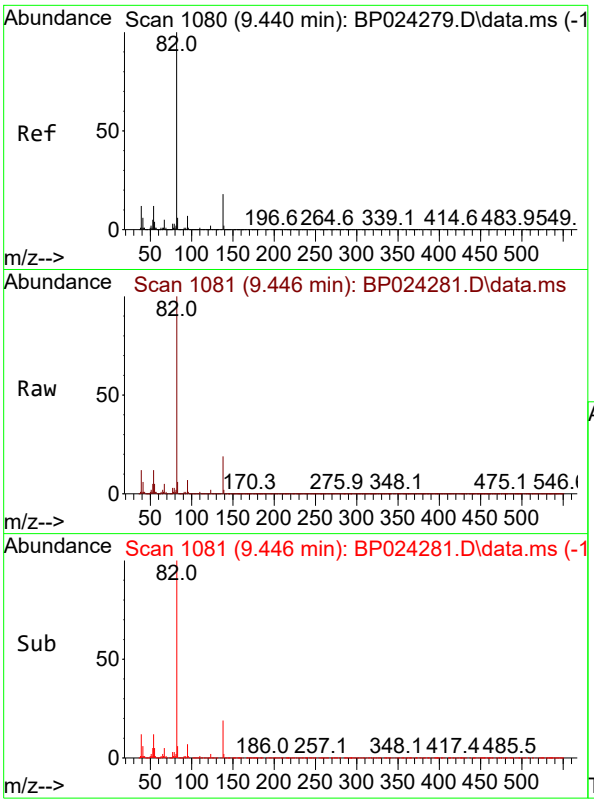


#24
Nitrobenzene
Concen: 60.775 ng
RT: 8.922 min Scan# 992
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion: 77 Resp: 1276229

Ion	Ratio	Lower	Upper
77	100		
123	49.1	39.2	58.8
65	12.4	9.8	14.6



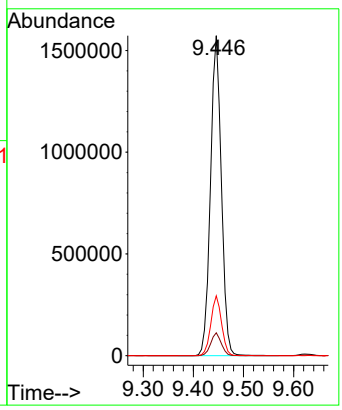


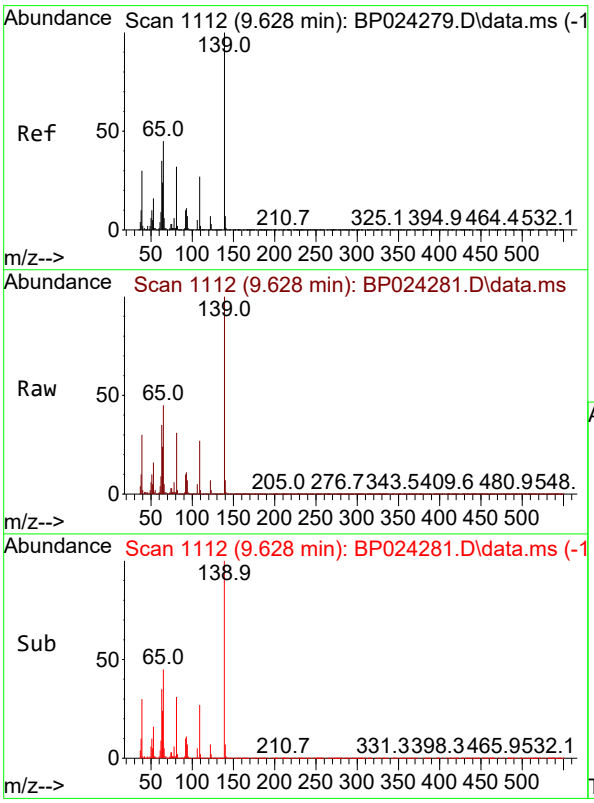
#25
Isophorone
Concen: 61.842 ng
RT: 9.446 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 2365423

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.4	8.2
138	18.7	14.4	21.6

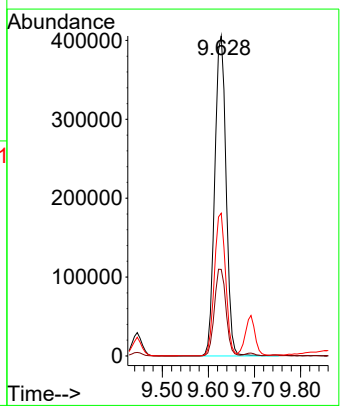


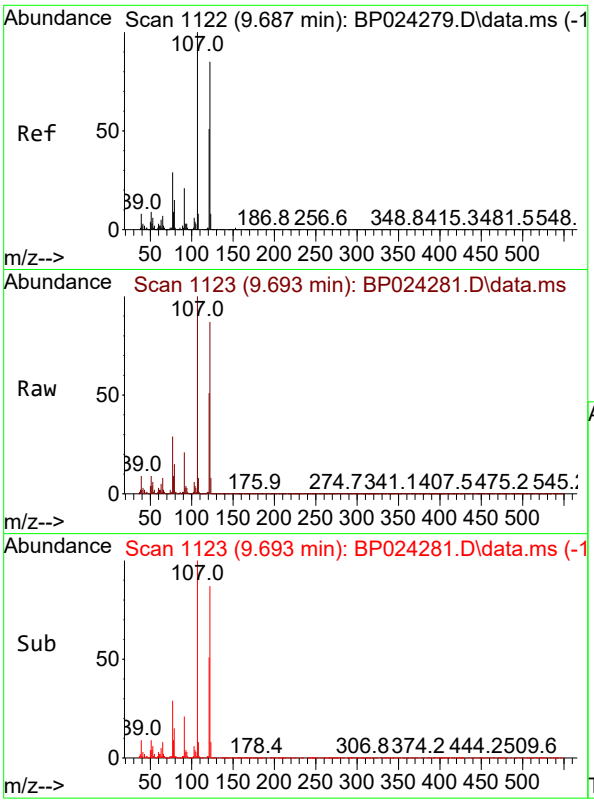


#26
2-Nitrophenol
Concen: 68.504 ng
RT: 9.628 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:139 Resp: 690735

Ion	Ratio	Lower	Upper
139	100		
109	27.1	21.8	32.6
65	44.6	36.2	54.2



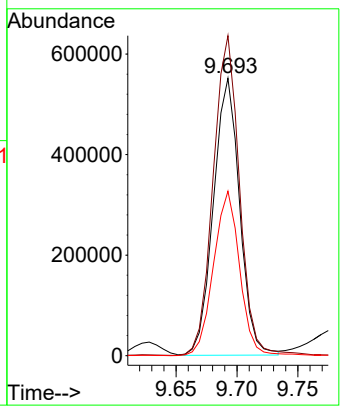


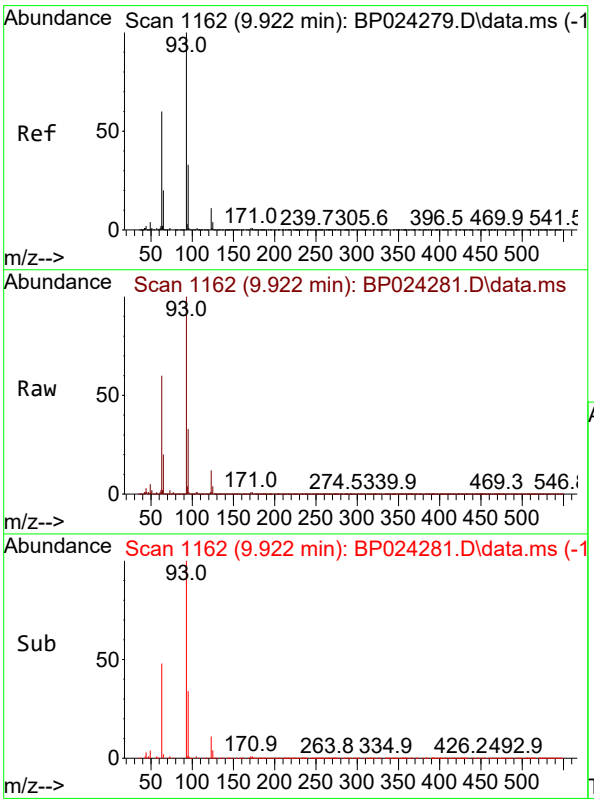
#27
2,4-Dimethylphenol
Concen: 64.660 ng
RT: 9.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 826335

Ion	Ratio	Lower	Upper
122	100		
107	115.3	93.7	140.5
121	59.3	48.2	72.2

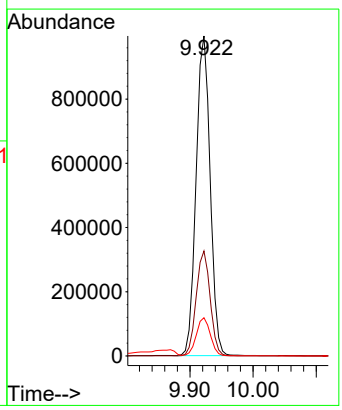


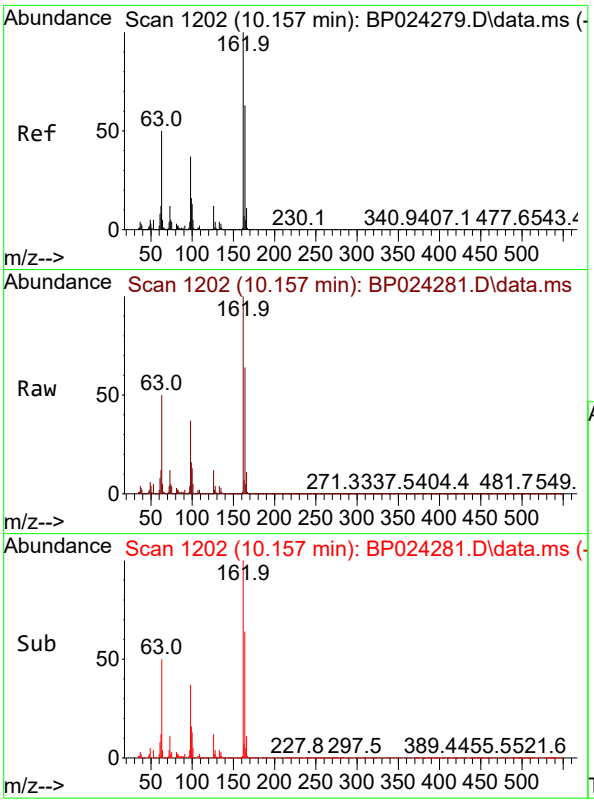


#28
bis(2-Chloroethoxy)methane
Concen: 59.124 ng
RT: 9.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion: 93 Resp: 1539129

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.0	39.0
123	11.9	9.1	13.7



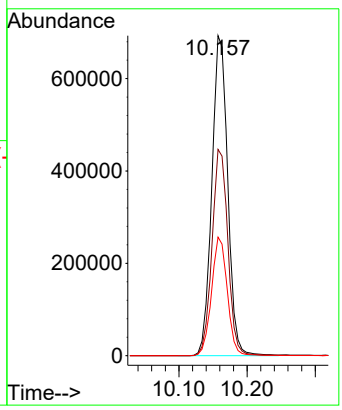


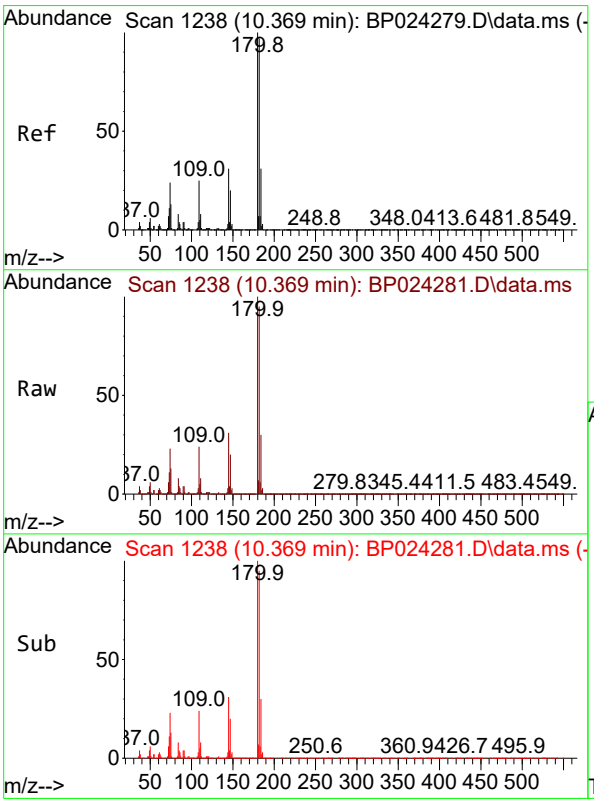
#29
2,4-Dichlorophenol
Concen: 64.543 ng
RT: 10.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 1124170

Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.3	83.3
98	37.0	16.6	56.6

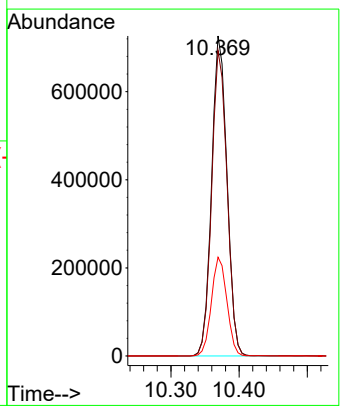


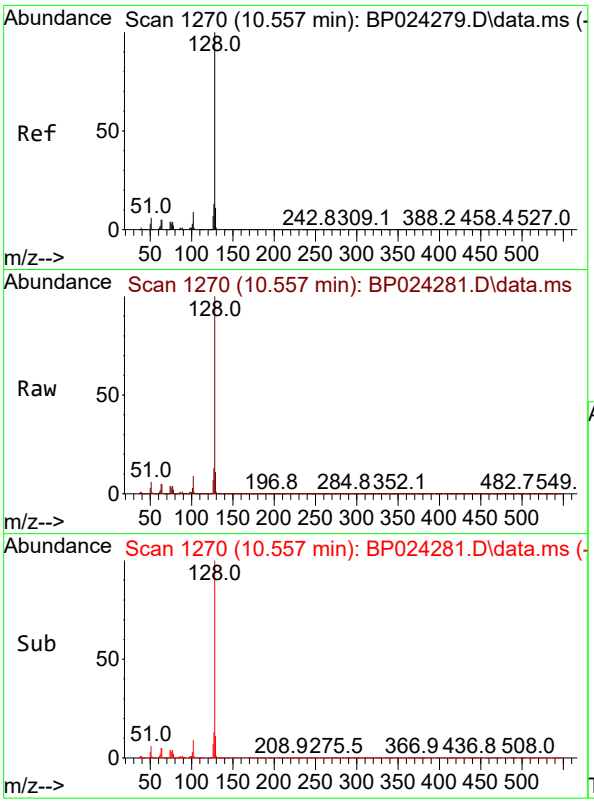


#30
1,2,4-Trichlorobenzene
Concen: 60.440 ng
RT: 10.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:180 Resp: 1138896

Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.3	115.9
145	30.8	25.1	37.7



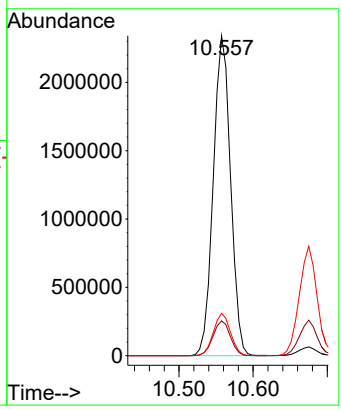


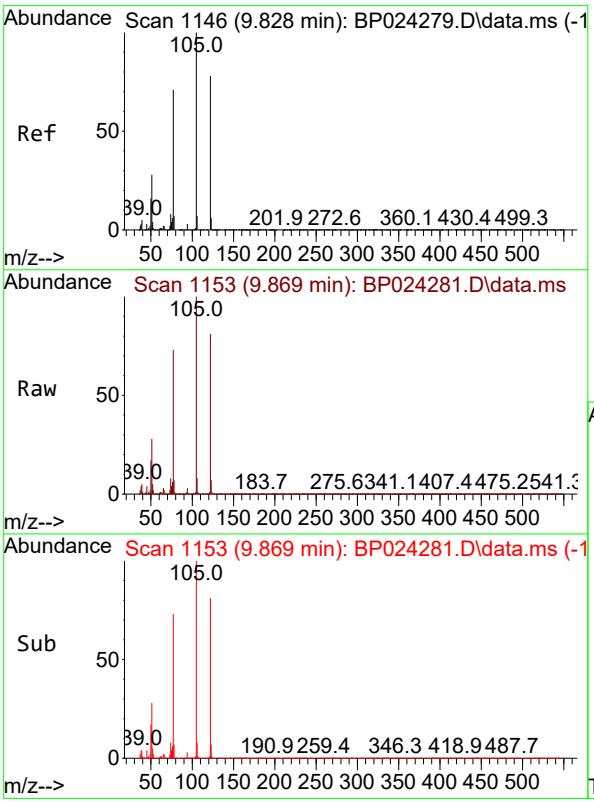
#31
Naphthalene
Concen: 59.373 ng
RT: 10.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 3790924

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.2	10.3	15.5

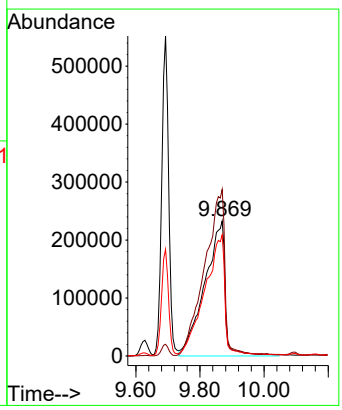


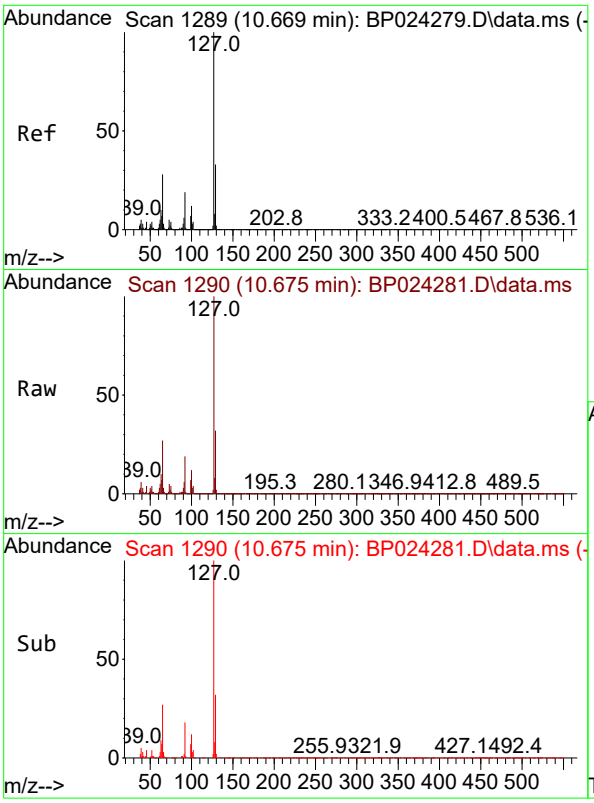


#32
Benzoic acid
Concen: 74.795 ng m
RT: 9.869 min Scan# 1153
Delta R.T. 0.041 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:122 Resp: 1032910

Ion	Ratio	Lower	Upper
122	100		
105	123.4	104.8	144.8
77	89.7	69.2	109.2



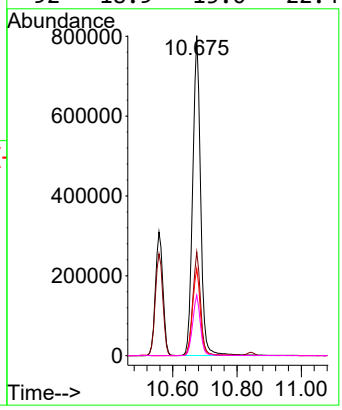


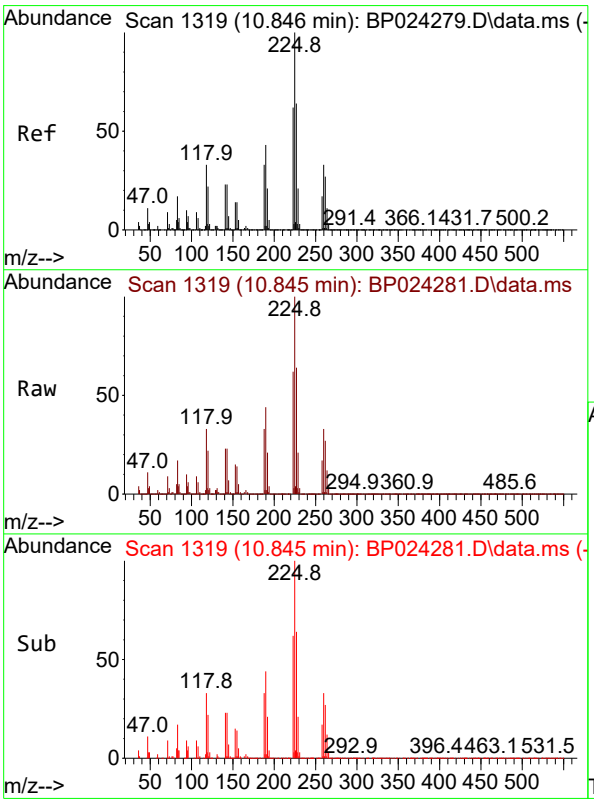
#33
4-Chloroaniline
Concen: 61.527 ng
RT: 10.675 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 1372601

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	27.2	22.1	33.1
92	18.9	15.0	22.4

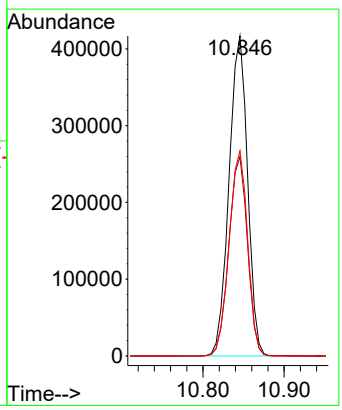


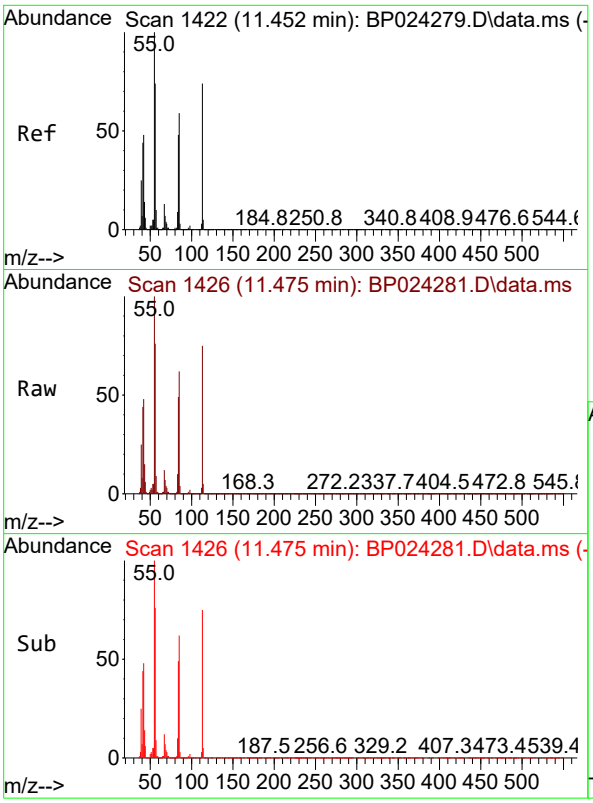


#34
Hexachlorobutadiene
Concen: 59.719 ng
RT: 10.845 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:225 Resp: 660129

Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.5	74.3
227	64.1	50.9	76.3



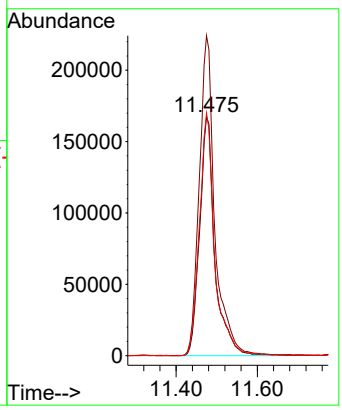


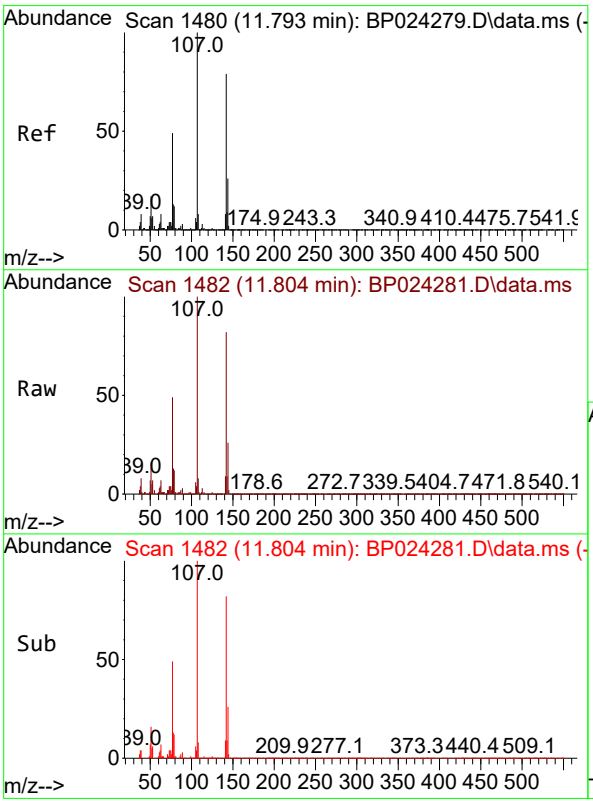
#35
Caprolactam
Concen: 68.445 ng
RT: 11.475 min Scan# 14
Delta R.T. 0.023 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 437691

Ion	Ratio	Lower	Upper
113	100		
55	134.0	115.9	155.9
56	101.6	81.1	121.1

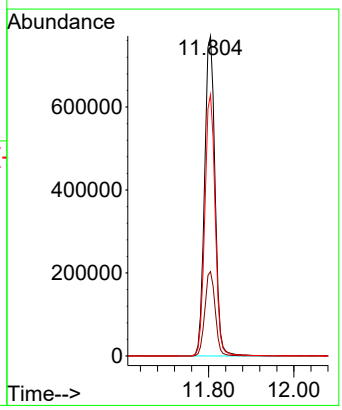


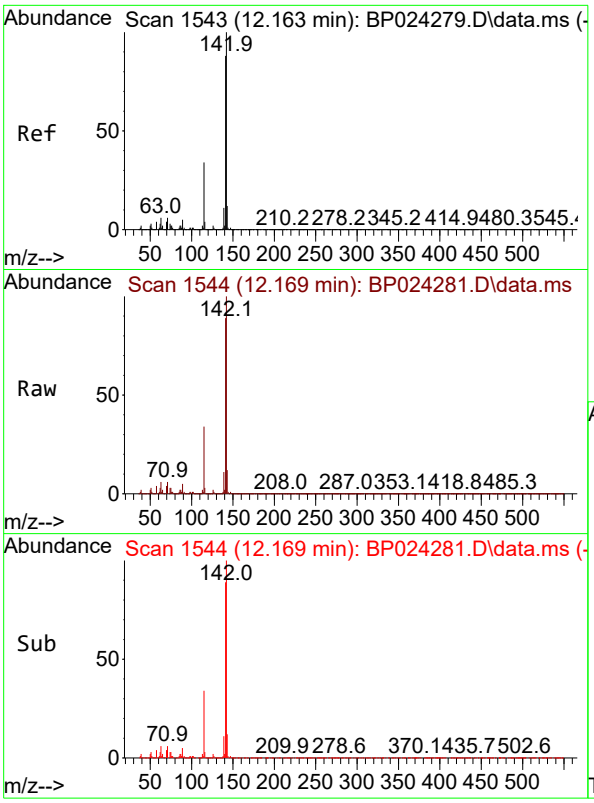


#36
4-Chloro-3-methylphenol
Concen: 64.762 ng
RT: 11.804 min Scan# 1482
Delta R.T. 0.012 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:107 Resp: 1314421

Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.5	30.7
142	81.7	63.4	95.2



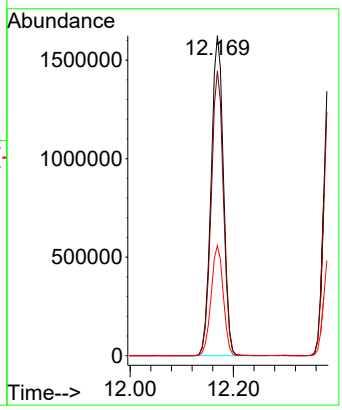


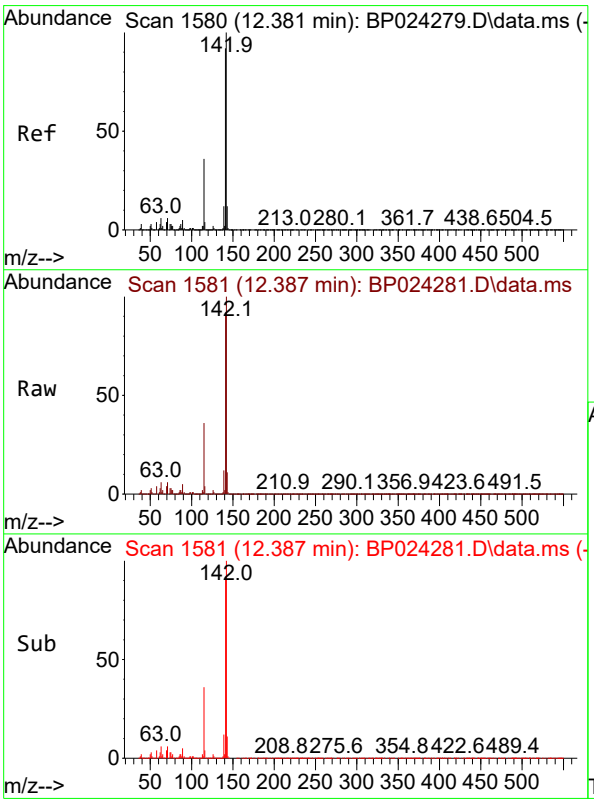
#37
2-Methylnaphthalene
Concen: 60.487 ng
RT: 12.169 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 2676555

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.3	105.5
115	34.4	26.9	40.3

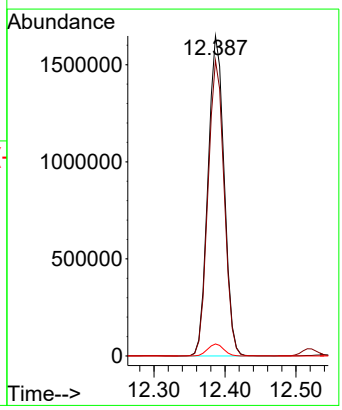


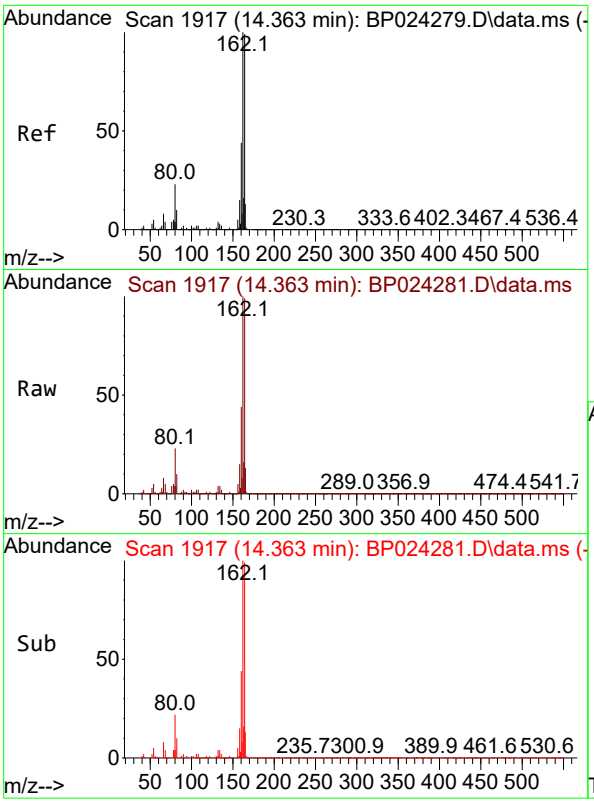


#38
1-Methylnaphthalene
Concen: 59.960 ng
RT: 12.387 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:142 Resp: 2599119

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.6	110.4
116	3.7	3.0	4.6



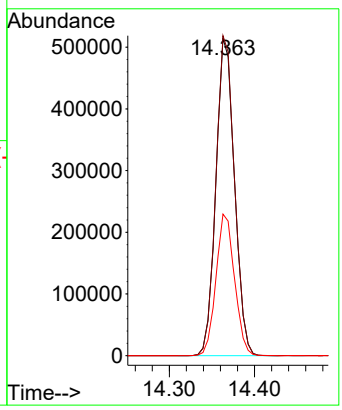


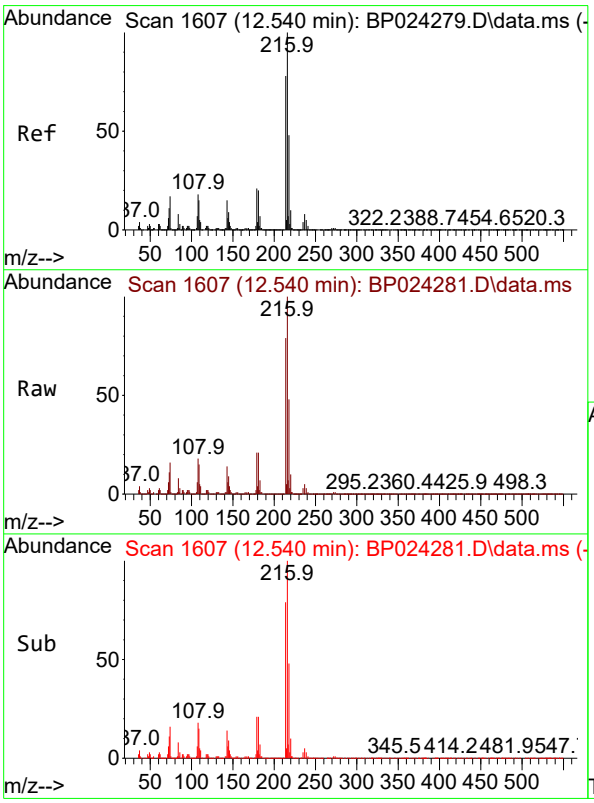
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 777459

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	120.8
160	44.6	35.3	52.9

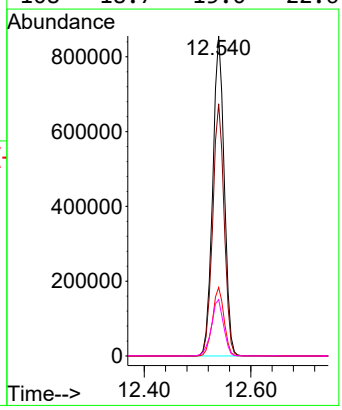


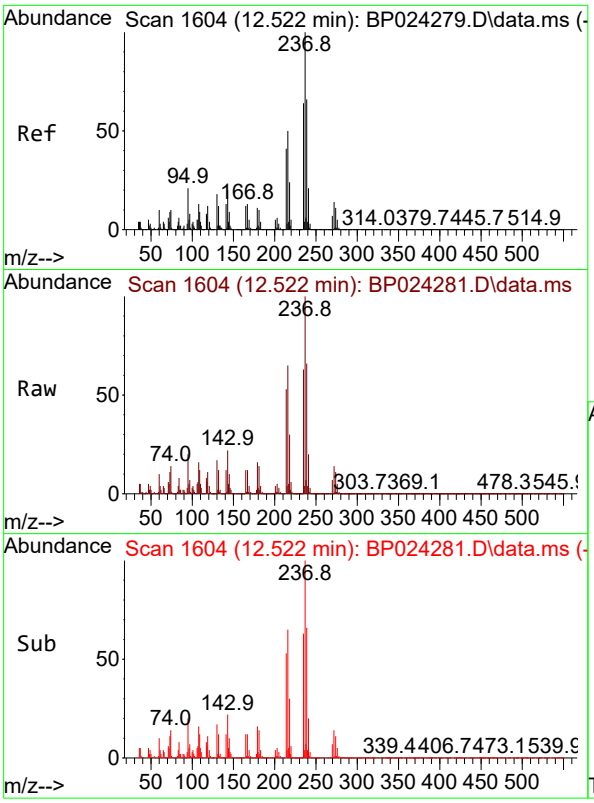


#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.981 ng
RT: 12.540 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:216 Resp: 1281552

Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.6	93.8
179	21.4	17.2	25.8
108	18.7	15.0	22.6



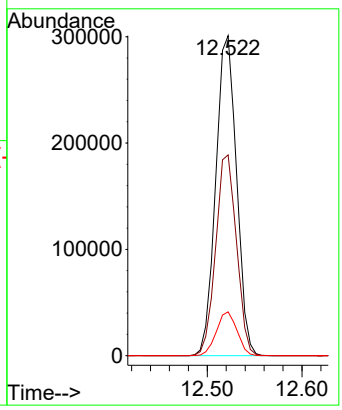


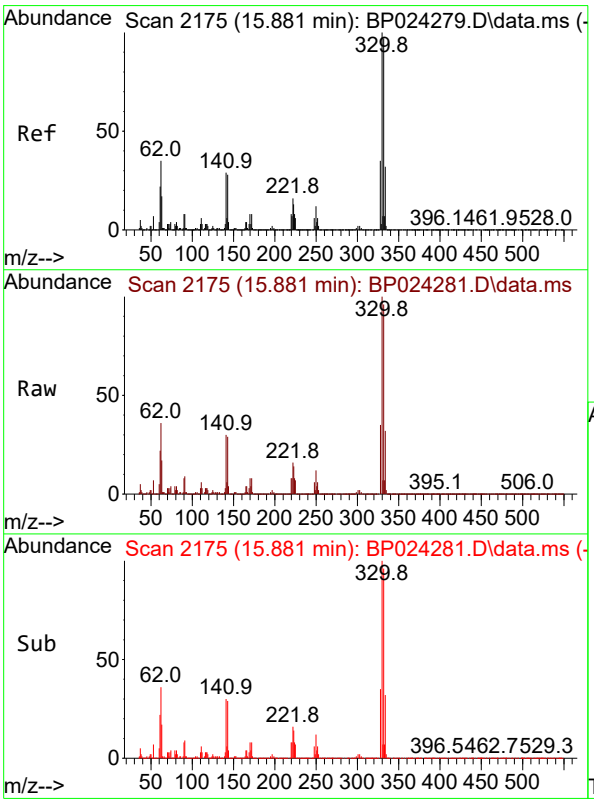
#41
Hexachlorocyclopentadiene
Concen: 61.257 ng
RT: 12.522 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 459486

Ion	Ratio	Lower	Upper
237	100		
235	62.7	43.9	83.9
272	13.7	0.0	33.6

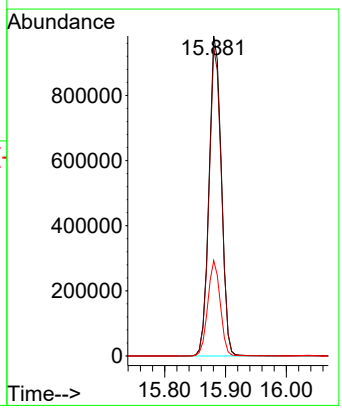


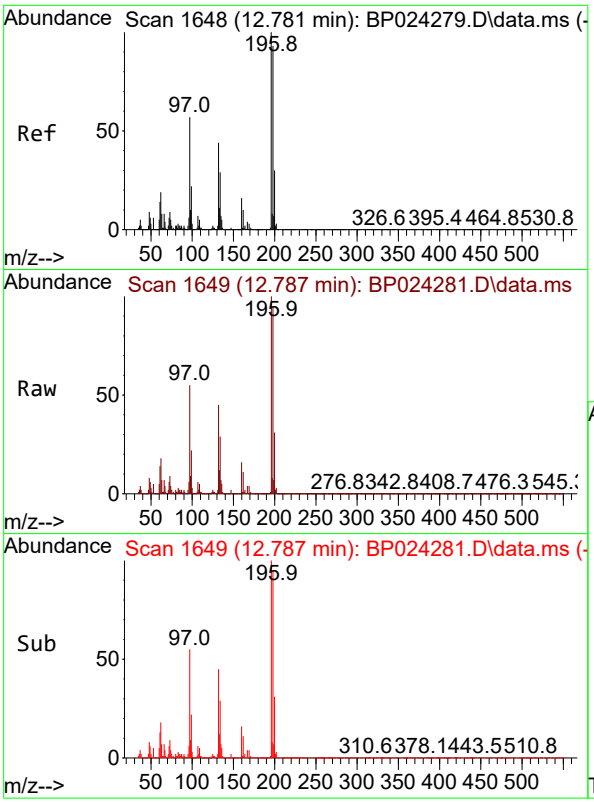


#42
2,4,6-Tribromophenol
Concen: 129.818 ng
RT: 15.881 min Scan# 2175
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:330 Resp: 1382037

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	30.0	24.7	37.1



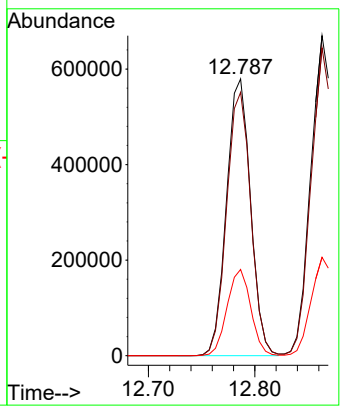


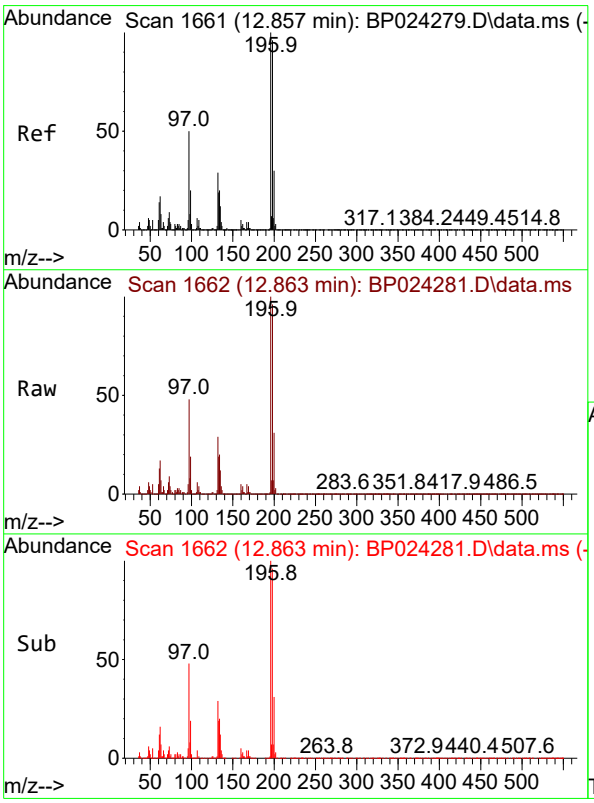
#43
2,4,6-Trichlorophenol
Concen: 64.732 ng
RT: 12.787 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 909999

Ion	Ratio	Lower	Upper
196	100		
198	95.1	74.3	111.5
200	31.2	24.0	36.0

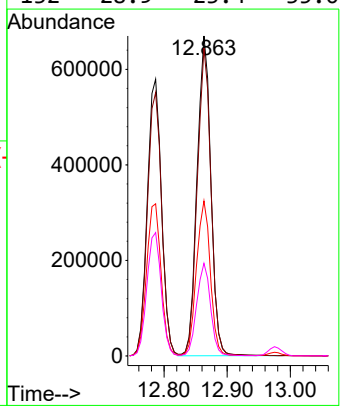


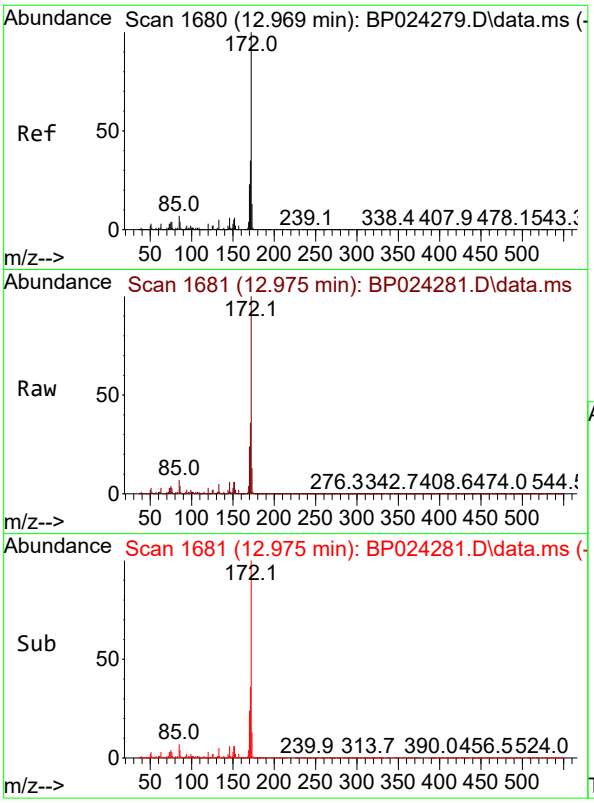


#44
2,4,5-Trichlorophenol
Concen: 65.306 ng
RT: 12.863 min Scan# 1662
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:196 Resp: 1017414

Ion	Ratio	Lower	Upper
196	100		
198	96.2	77.3	115.9
97	48.5	40.4	60.6
132	28.9	23.4	35.0



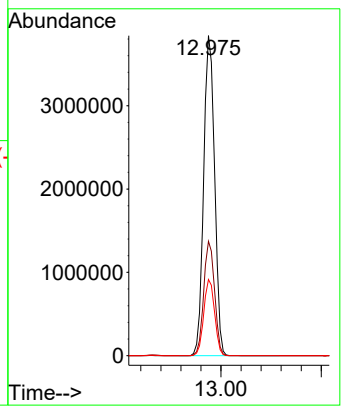


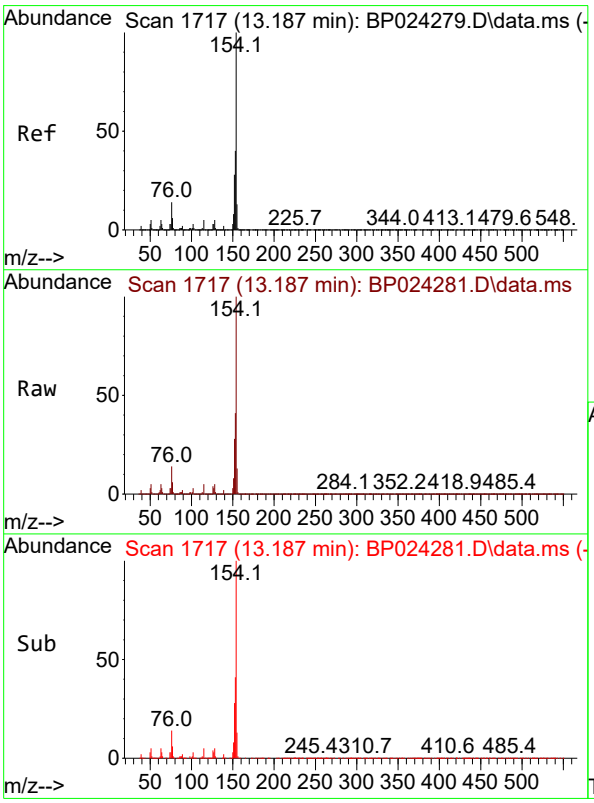
#45
2-Fluorobiphenyl
Concen: 113.964 ng
RT: 12.975 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 5835791

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.2
170	23.8	18.6	27.8

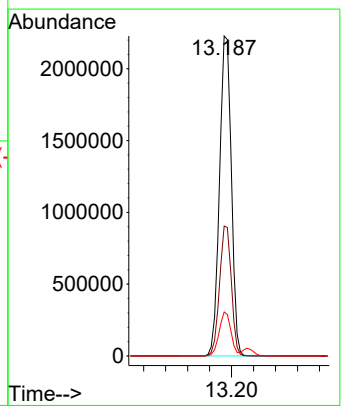


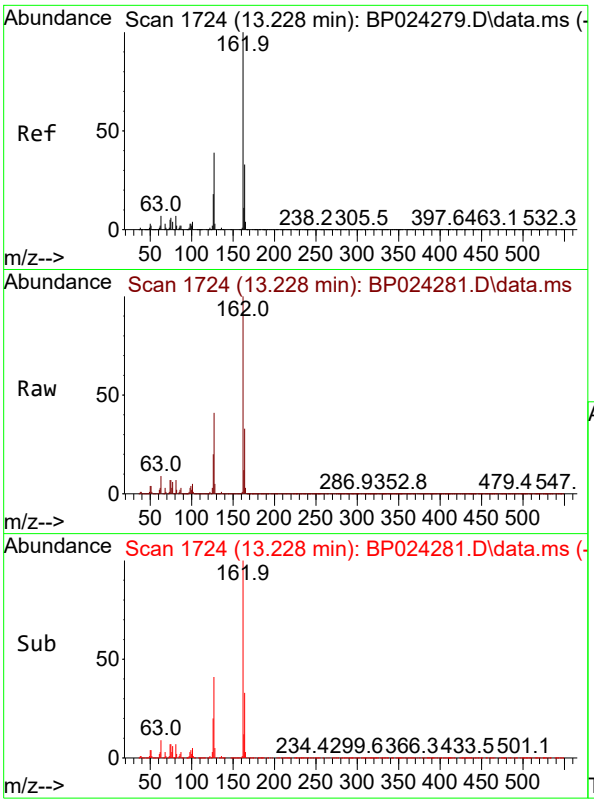


#46
1,1'-Biphenyl
Concen: 58.001 ng
RT: 13.187 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:154 Resp: 3330176

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.3	60.3
76	13.8	0.0	33.5



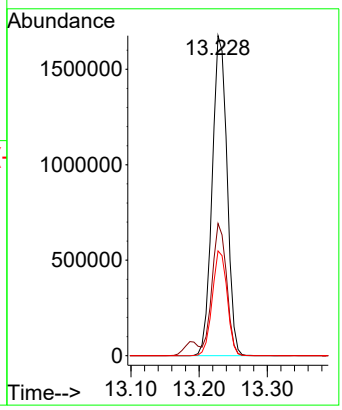


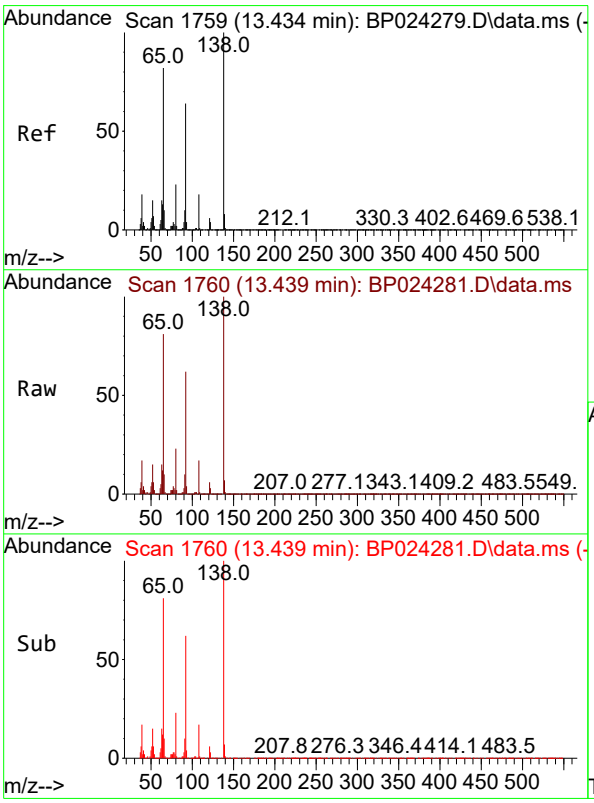
#47
2-Chloronaphthalene
Concen: 59.336 ng
RT: 13.228 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 2542212

Ion	Ratio	Lower	Upper
162	100		
127	41.3	31.9	47.9
164	32.8	26.2	39.4

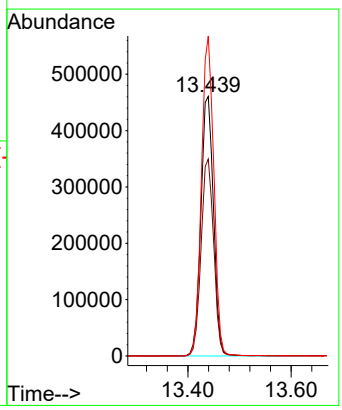


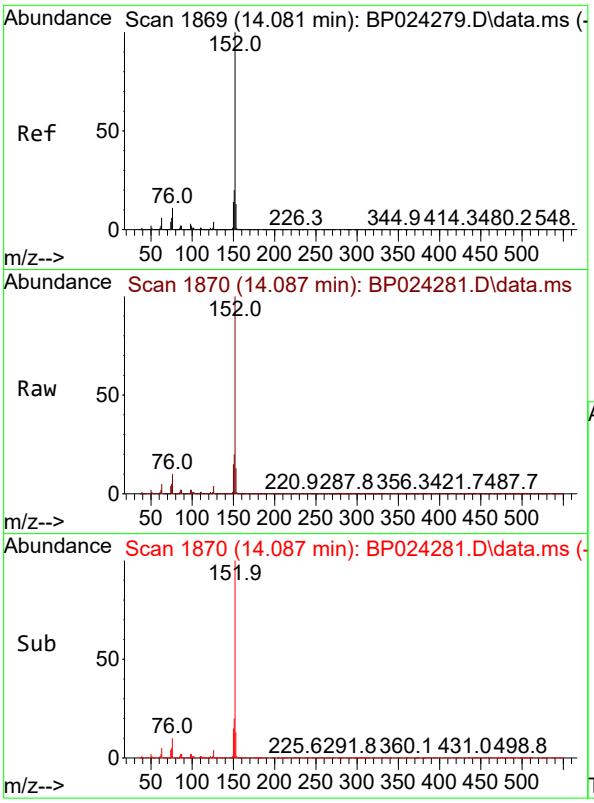


#48
2-Nitroaniline
Concen: 66.042 ng
RT: 13.439 min Scan# 1760
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion: 65 Resp: 781584

Ion	Ratio	Lower	Upper
65	100		
92	75.9	62.3	93.5
138	123.3	97.2	145.8



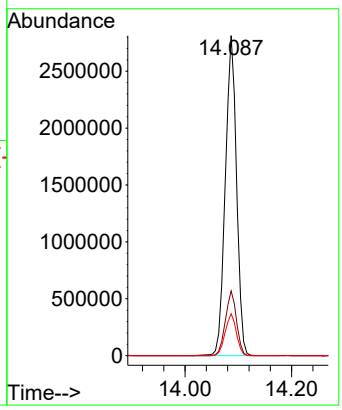


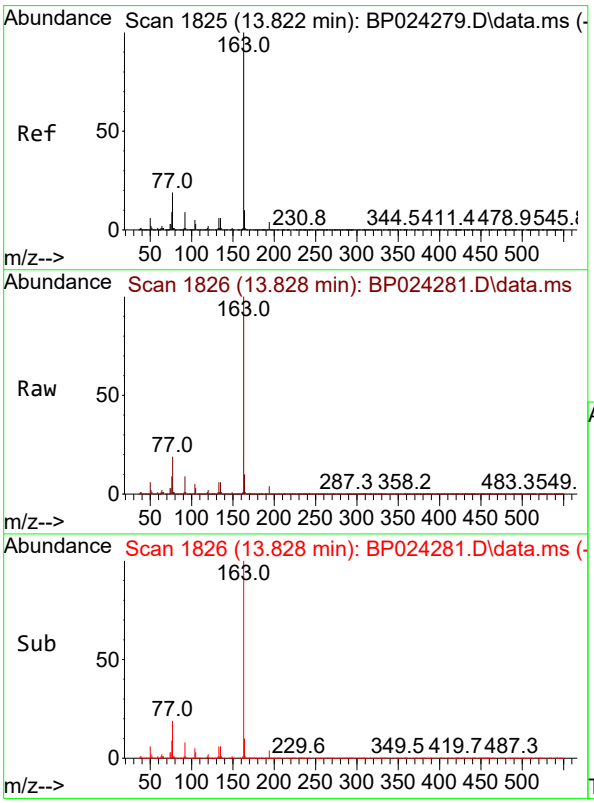
#49
Acenaphthylene
Concen: 61.143 ng
RT: 14.087 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 4111553

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	13.1	10.6	15.8

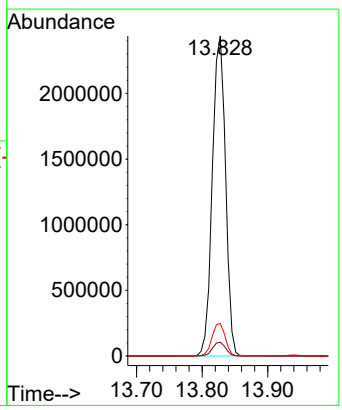


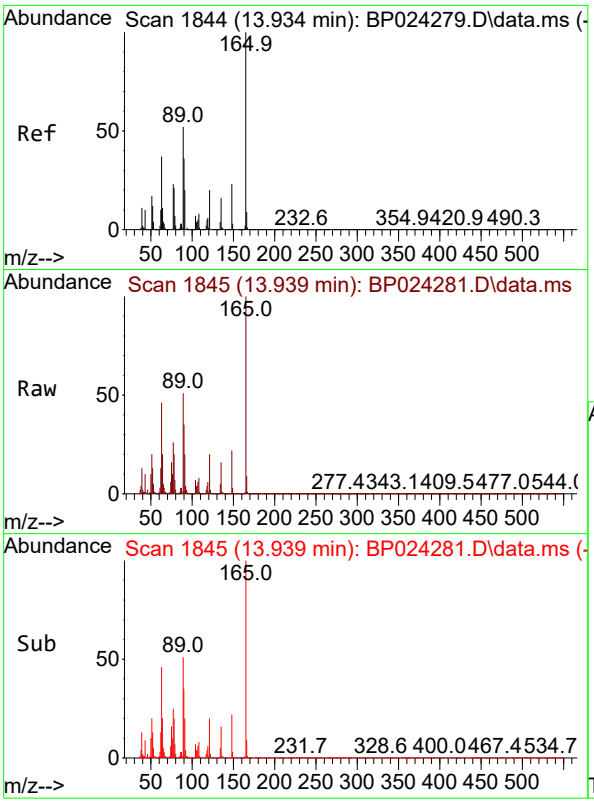


#50
Dimethylphthalate
Concen: 60.022 ng
RT: 13.828 min Scan# 1826
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:163 Resp: 3404463

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.1	8.0	12.0



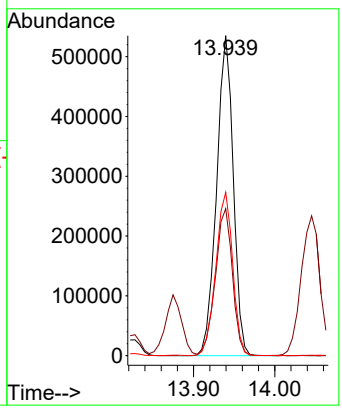


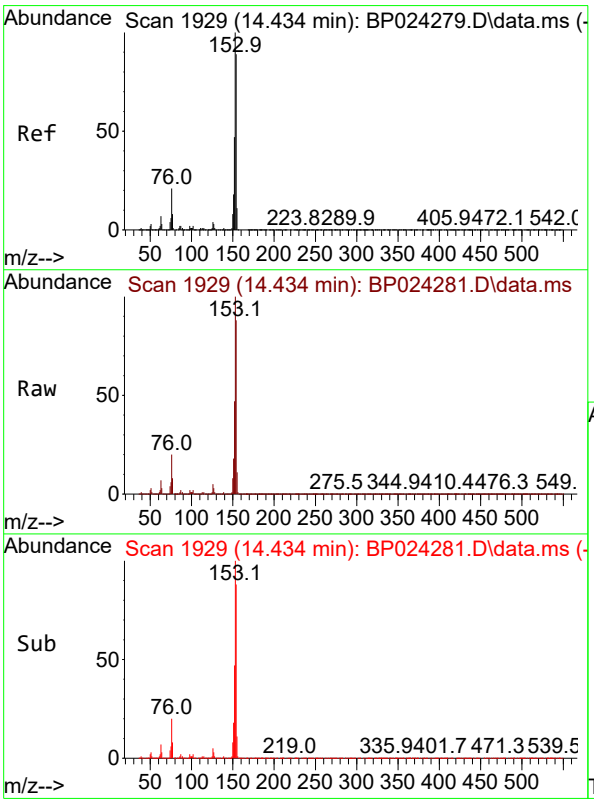
#51
2,6-Dinitrotoluene
Concen: 63.998 ng
RT: 13.939 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 764810

Ion	Ratio	Lower	Upper
165	100		
63	45.9	38.0	57.0
89	51.1	41.7	62.5

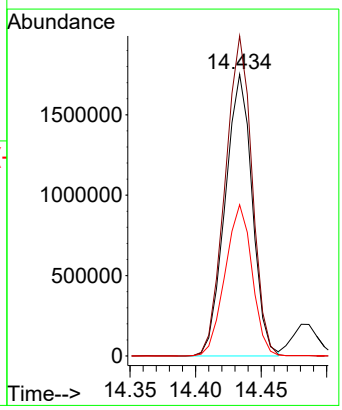


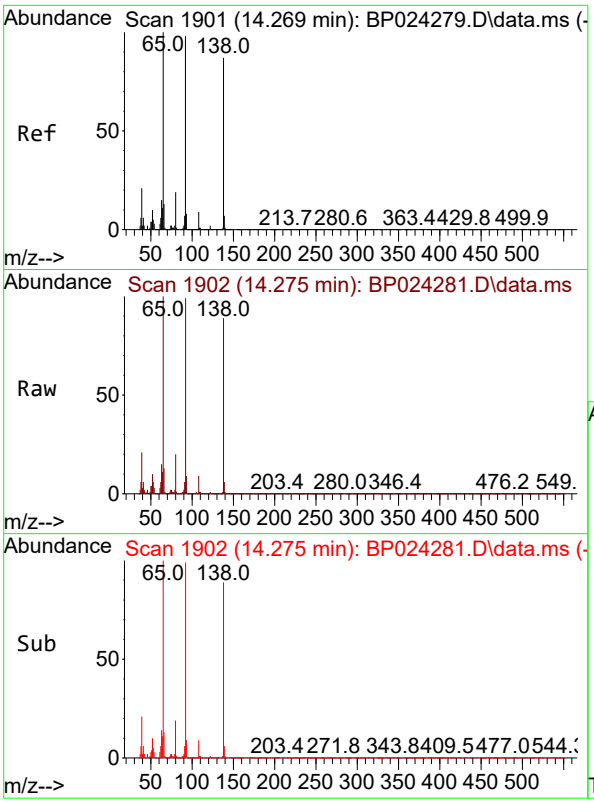


#52
Acenaphthene
Concen: 58.858 ng
RT: 14.434 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:154 Resp: 2516981

Ion	Ratio	Lower	Upper
154	100		
153	113.6	89.8	134.6
152	53.7	42.6	63.8



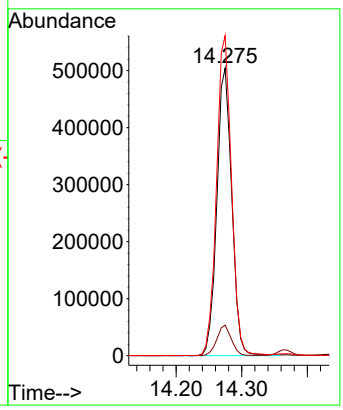


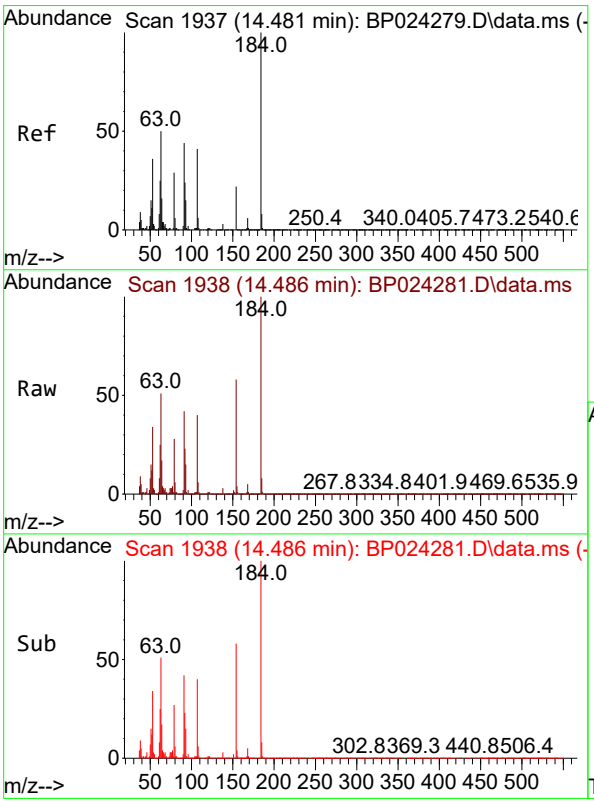
#53
3-Nitroaniline
Concen: 64.022 ng
RT: 14.275 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 793796

Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.3	12.5
92	111.3	89.8	134.8

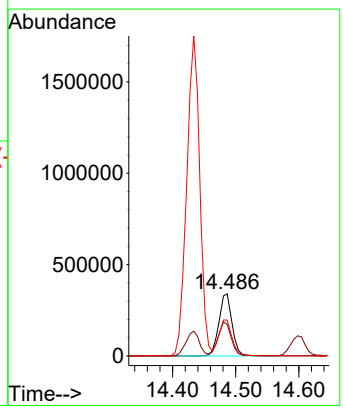


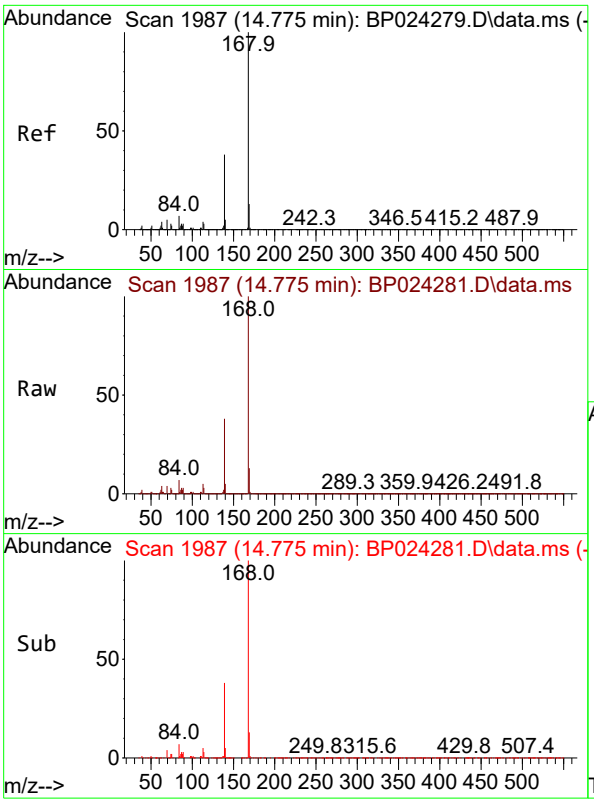


#54
2,4-Dinitrophenol
Concen: 76.655 ng
RT: 14.486 min Scan# 1938
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:184 Resp: 490497

Ion	Ratio	Lower	Upper
184	100		
63	50.8	42.6	64.0
154	57.7	47.2	70.8



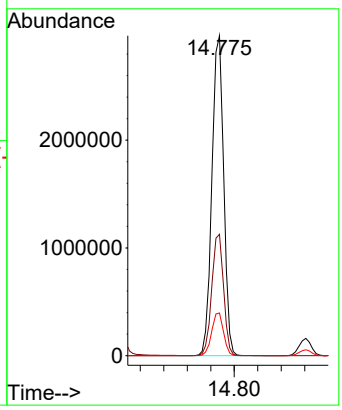


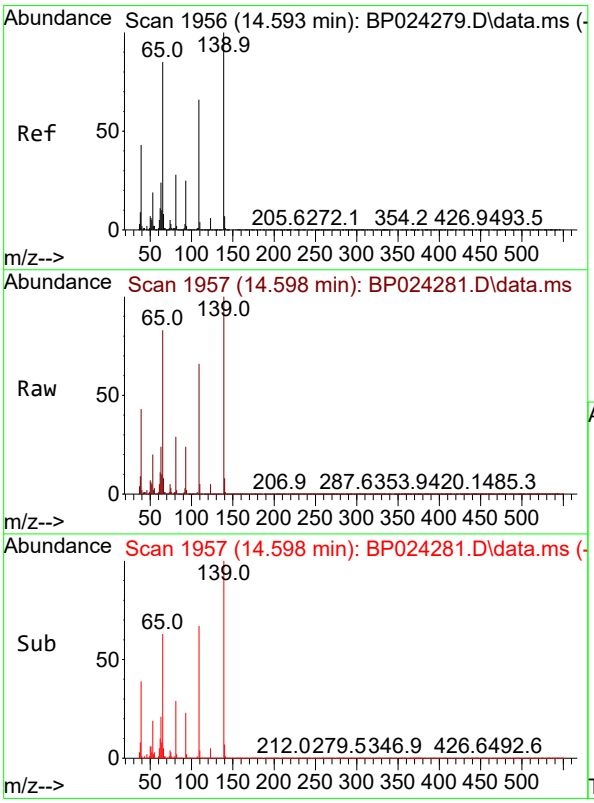
#55
Dibenzofuran
Concen: 58.810 ng
RT: 14.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 4124640

Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.3	45.5
169	13.3	10.6	16.0

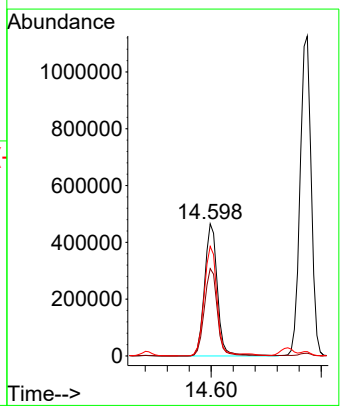


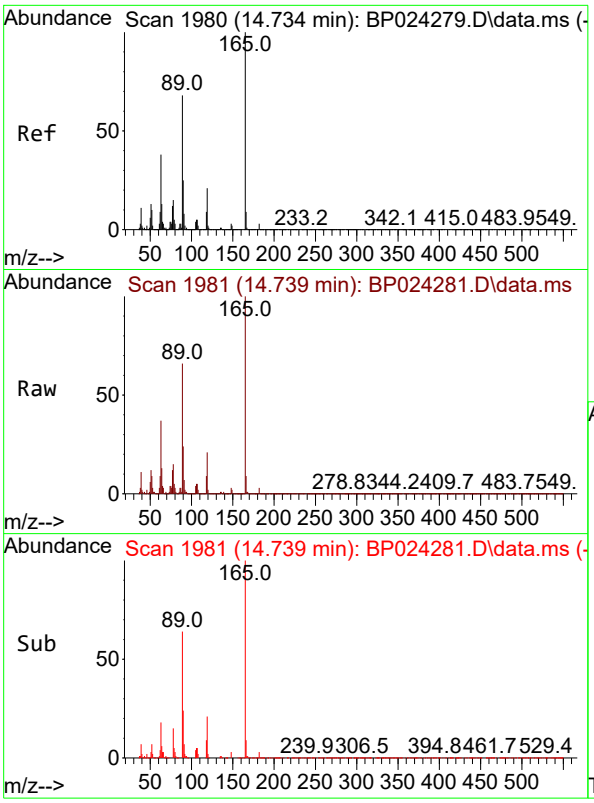


#56
4-Nitrophenol
Concen: 70.748 ng
RT: 14.598 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:139 Resp: 754038

Ion	Ratio	Lower	Upper
139	100		
109	66.1	46.1	86.1
65	82.9	65.0	105.0



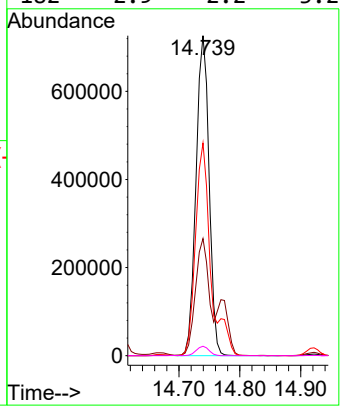


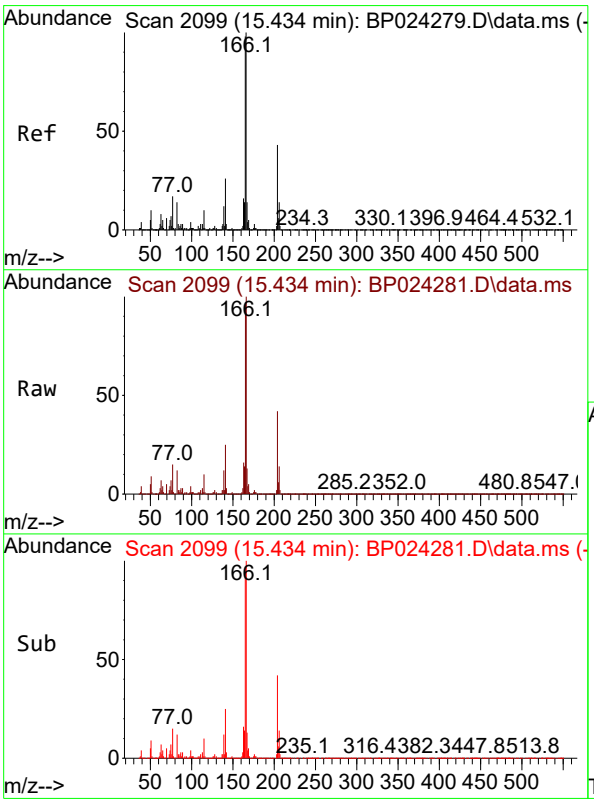
#57
2,4-Dinitrotoluene
Concen: 66.836 ng
RT: 14.739 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 1079633

Ion	Ratio	Lower	Upper
165	100		
63	36.6	30.4	45.6
89	66.4	54.6	82.0
182	2.9	2.2	3.2

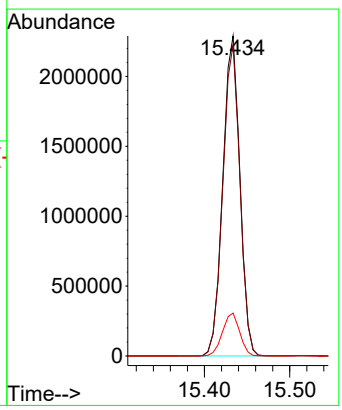


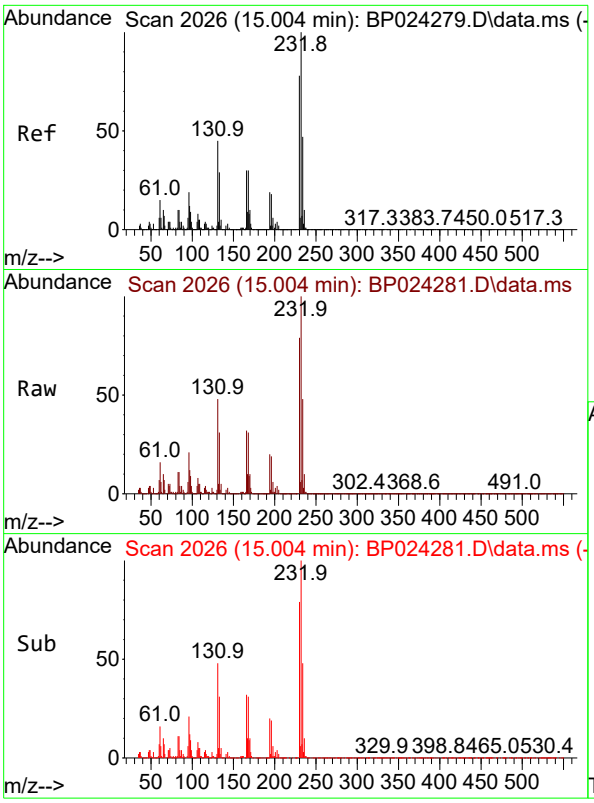


#58
Fluorene
Concen: 58.817 ng
RT: 15.434 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:166 Resp: 3184960

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.1	117.1
167	13.4	10.9	16.3



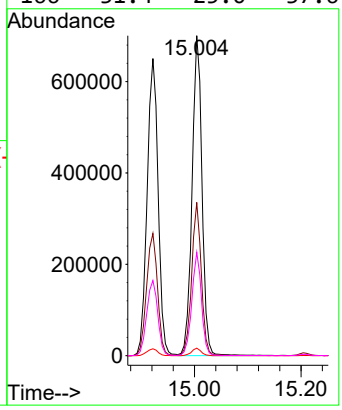


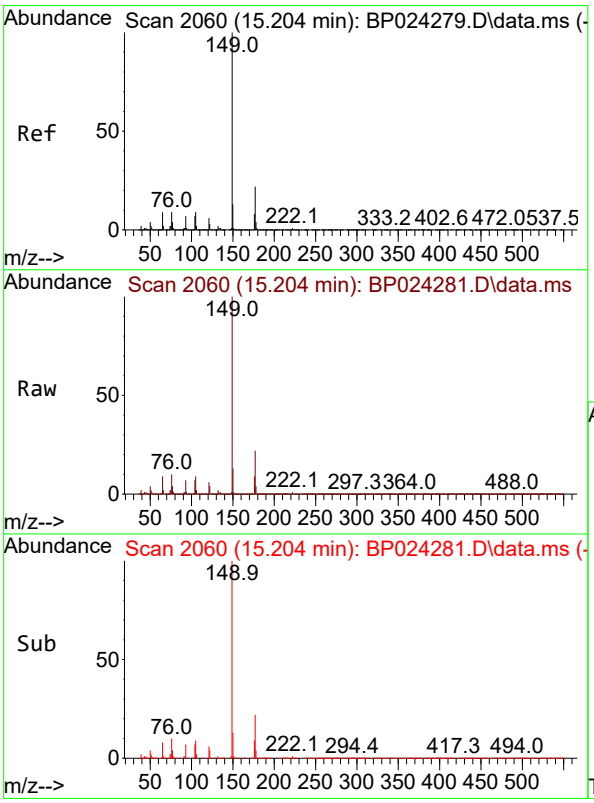
#59
2,3,4,6-Tetrachlorophenol
Concen: 63.097 ng
RT: 15.004 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 909497

Ion	Ratio	Lower	Upper
232	100		
131	46.4	36.8	55.2
130	2.3	1.9	2.9
166	31.4	25.0	37.6

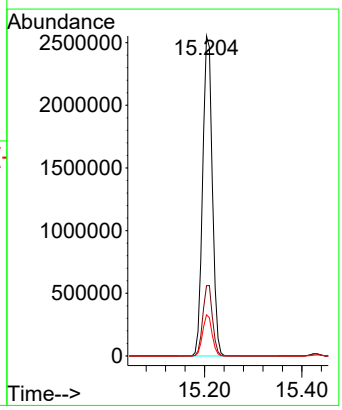


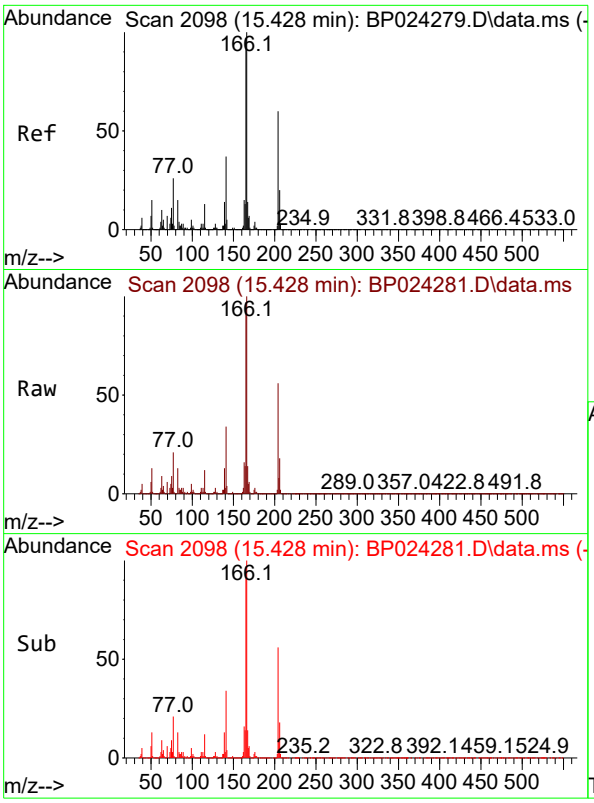


#60
Diethylphthalate
Concen: 59.879 ng
RT: 15.204 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:149 Resp: 3495577

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.4	26.2
150	12.9	10.1	15.1



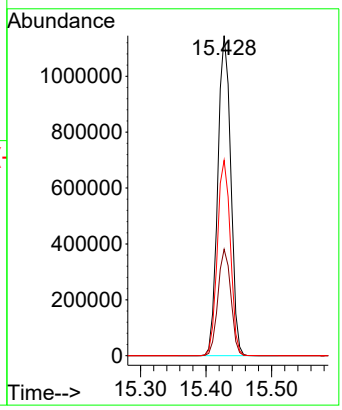


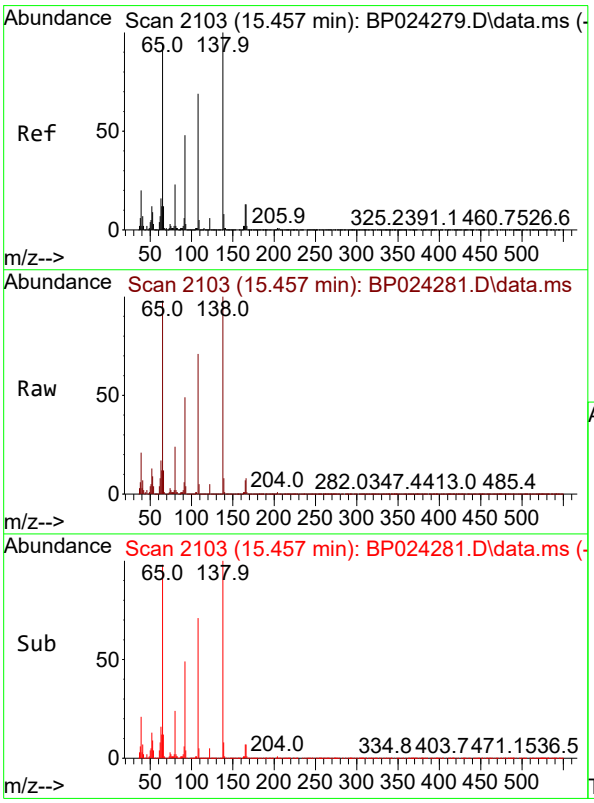
#61
4-Chlorophenyl-phenylether
Concen: 59.442 ng
RT: 15.428 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 1563042

Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	61.1	49.4	74.0

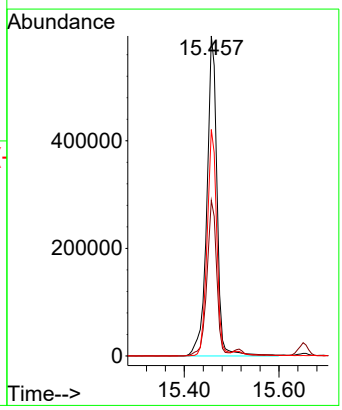


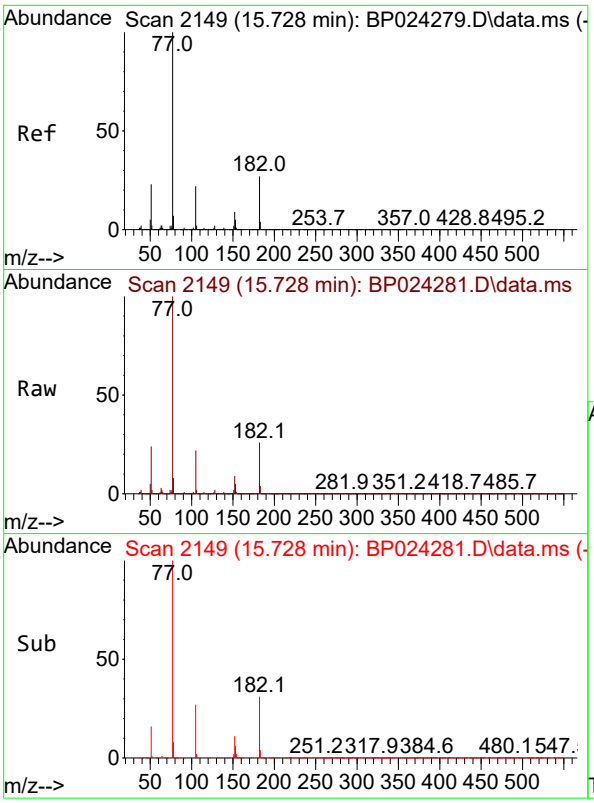


#62
4-Nitroaniline
Concen: 67.414 ng
RT: 15.457 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:138 Resp: 886163

Ion	Ratio	Lower	Upper
138	100		
92	48.6	27.8	67.8
108	70.7	48.9	88.9



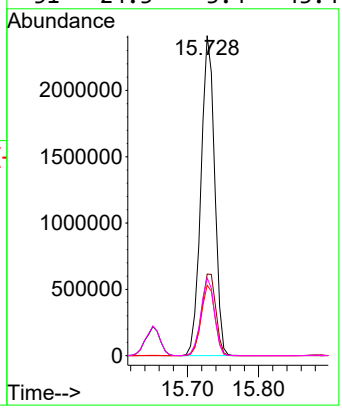


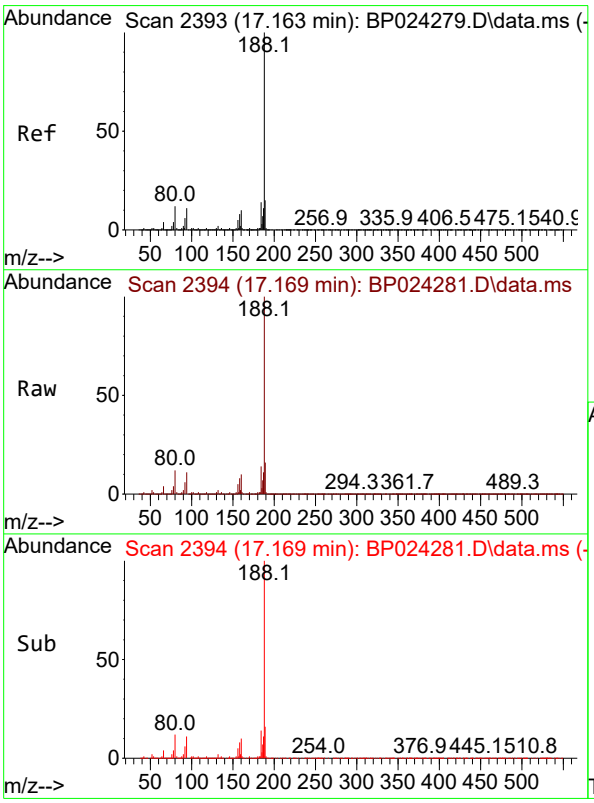
#63
Azobenzene
Concen: 60.070 ng
RT: 15.728 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 3229873

Ion	Ratio	Lower	Upper
77	100		
182	25.5	7.3	47.3
105	22.1	2.3	42.3
51	24.3	3.4	43.4

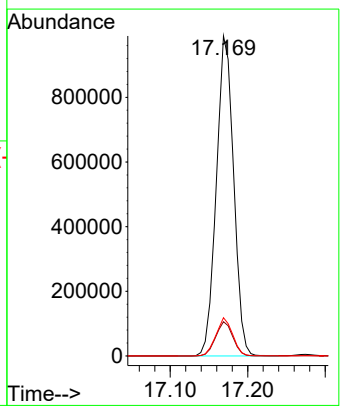


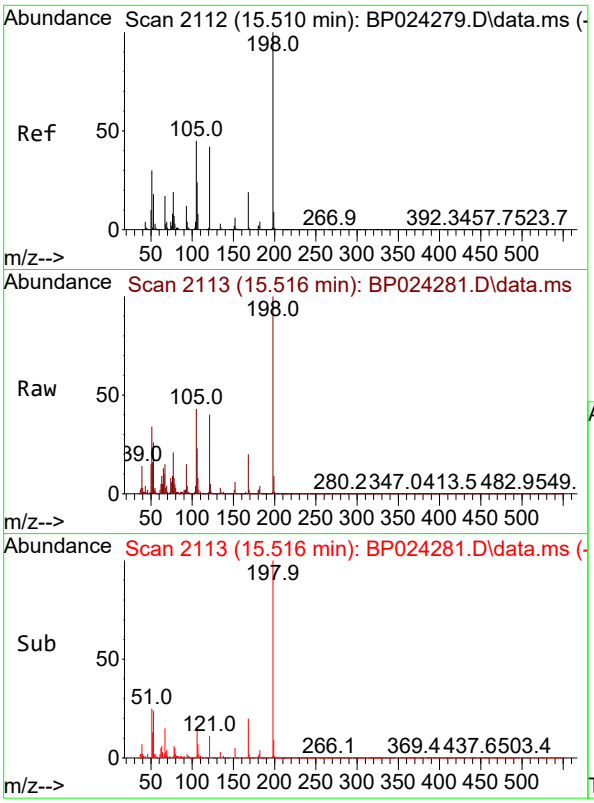


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 2394
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:188 Resp: 1536805

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.6	13.0
80	12.0	9.8	14.6



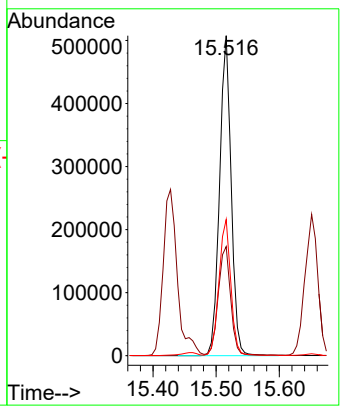


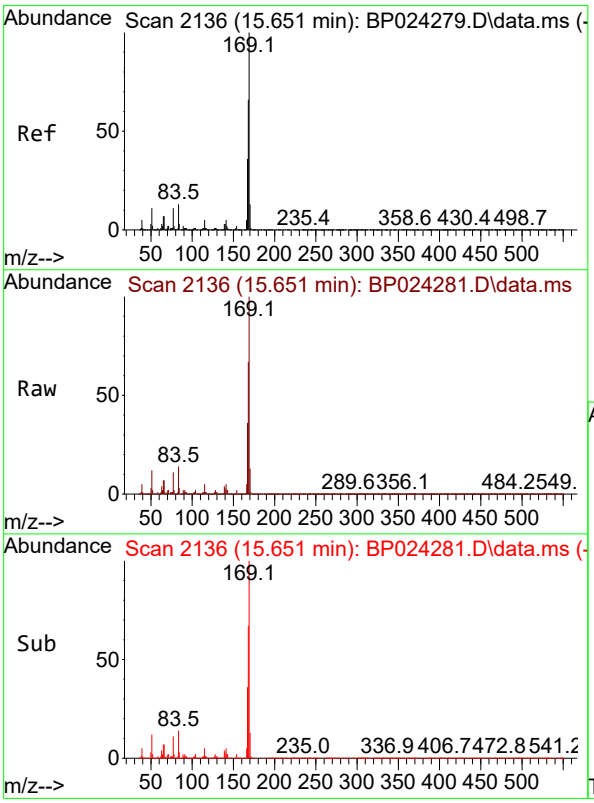
#65
4,6-Dinitro-2-methylphenol
Concen: 72.083 ng
RT: 15.516 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 647253

Ion	Ratio	Lower	Upper
198	100		
51	34.1	18.4	58.4
105	42.6	26.5	66.5

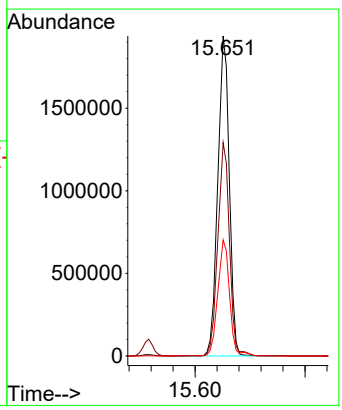


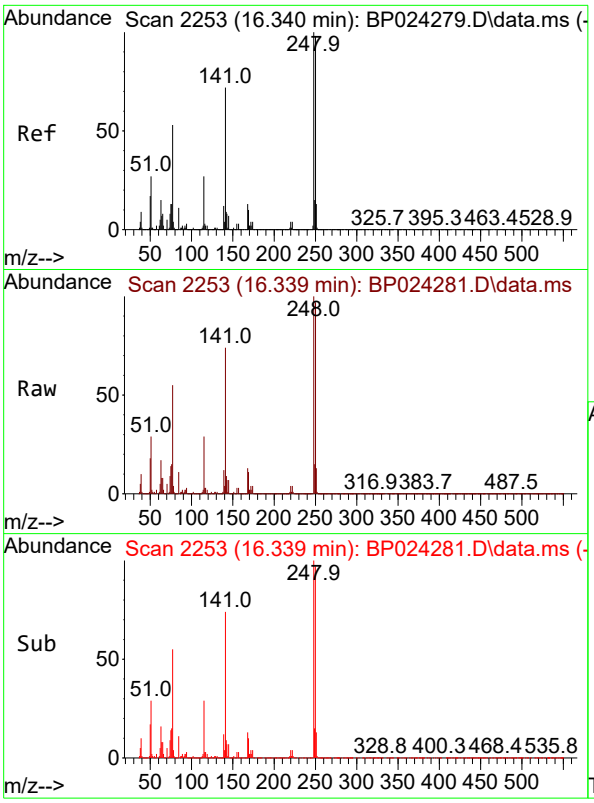


#66
n-Nitrosodiphenylamine
Concen: 60.874 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:169 Resp: 2805137

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.0	79.4
167	36.3	28.9	43.3



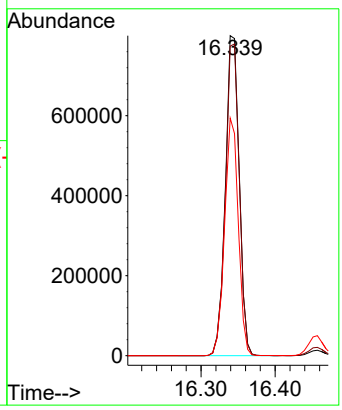


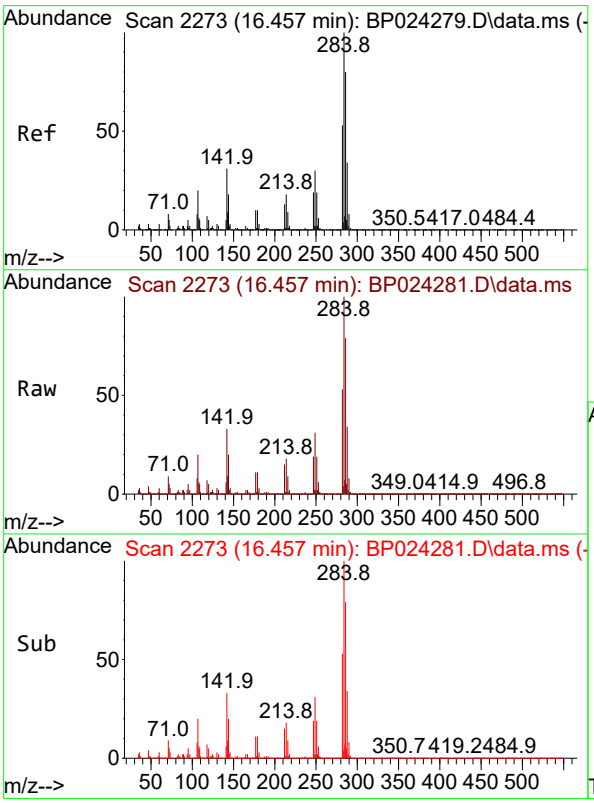
#67
4-Bromophenyl-phenylether
Concen: 61.926 ng
RT: 16.339 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 1038071

Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.2	117.4
141	74.2	57.7	86.5

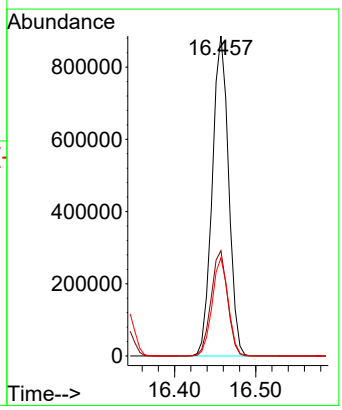


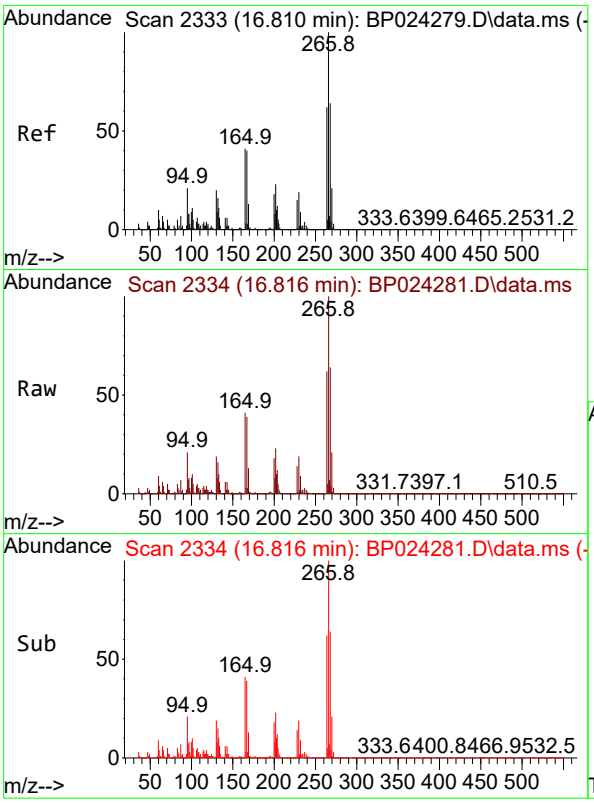


#68
Hexachlorobenzene
Concen: 62.200 ng
RT: 16.457 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:284 Resp: 1239550

Ion	Ratio	Lower	Upper
284	100		
142	32.9	24.6	37.0
249	30.7	23.8	35.6



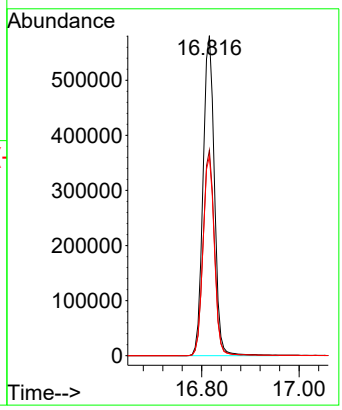


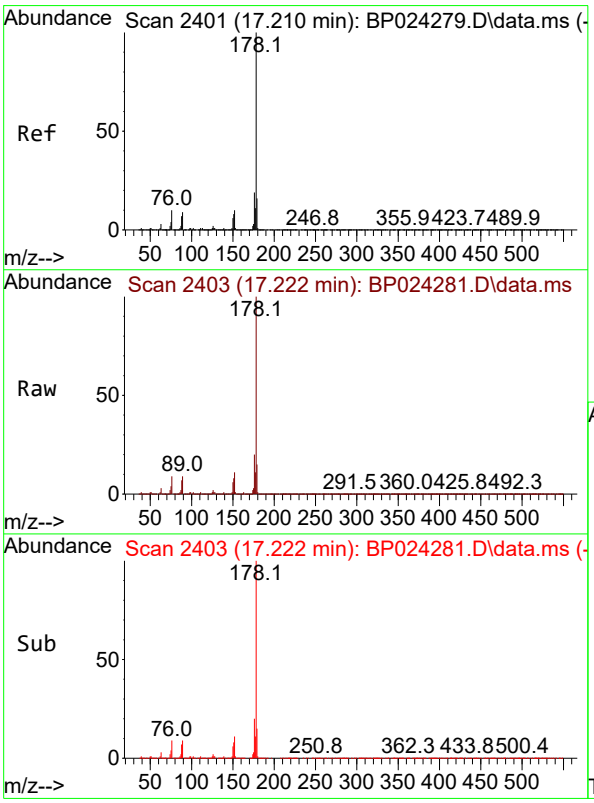
#70
Pentachlorophenol
Concen: 68.445 ng
RT: 16.816 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:266 Resp: 936562

Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.0	76.6
264	62.3	49.8	74.6

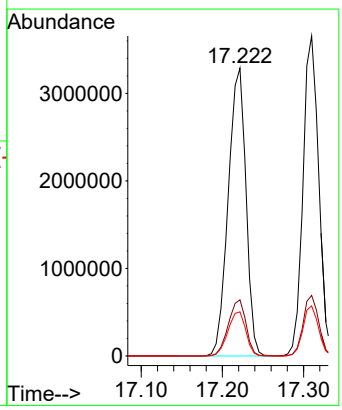


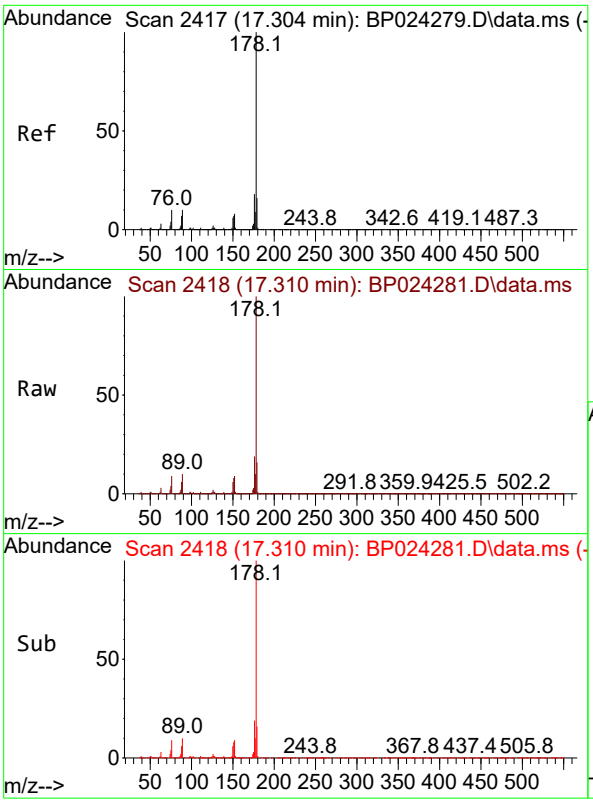


#71
Phenanthrene
Concen: 59.209 ng
RT: 17.222 min Scan# 2403
Delta R.T. 0.012 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:178 Resp: 4988840

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.3	12.5	18.7



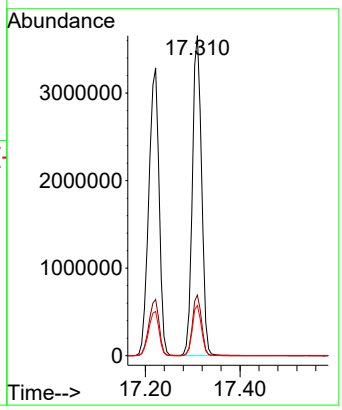


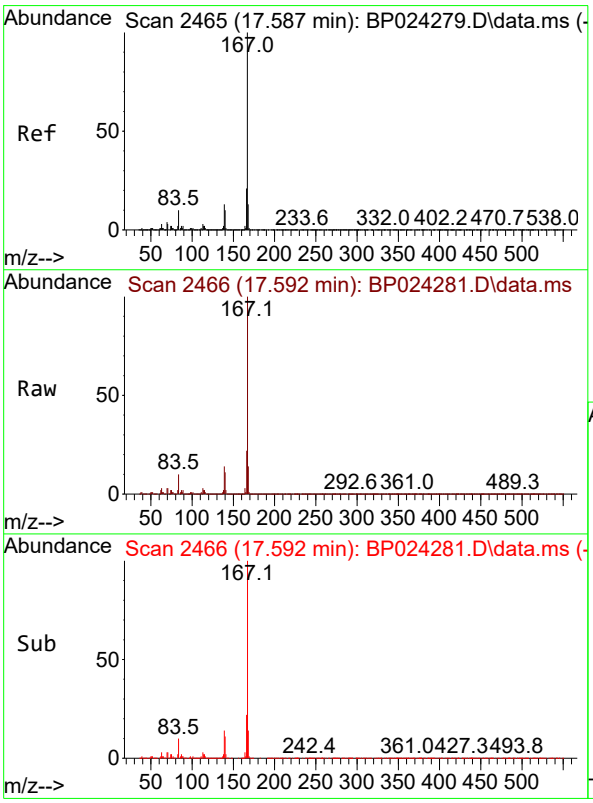
#72
Anthracene
Concen: 60.907 ng
RT: 17.310 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 4938117

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.7	22.1
179	15.7	12.4	18.6

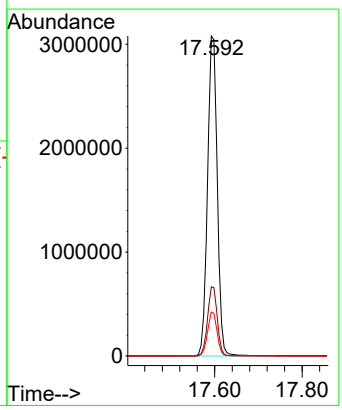


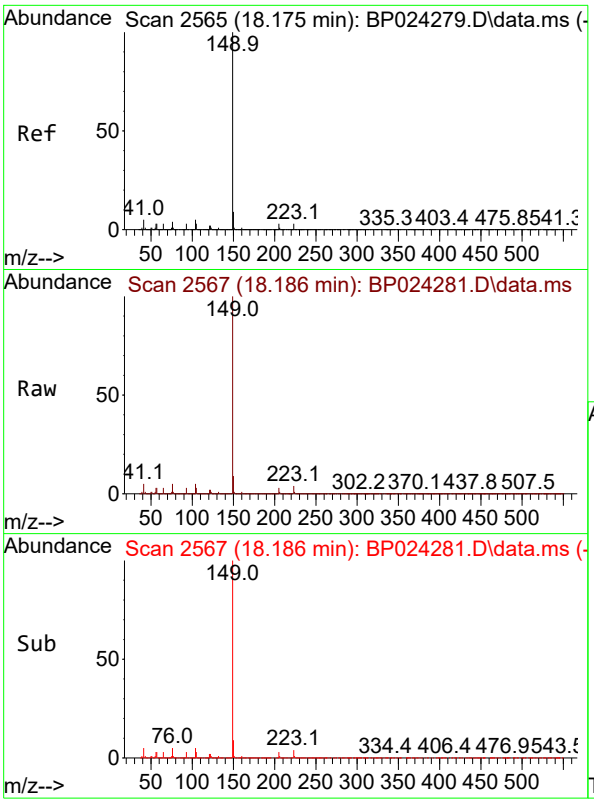


#73
Carbazole
Concen: 60.584 ng
RT: 17.592 min Scan# 2466
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:167 Resp: 4780408

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	13.7	10.6	16.0



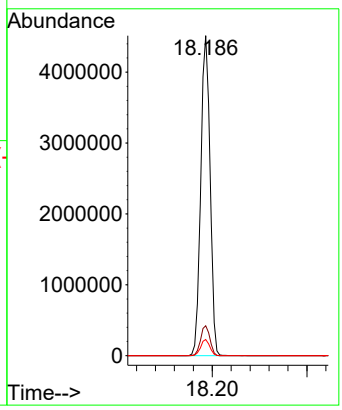


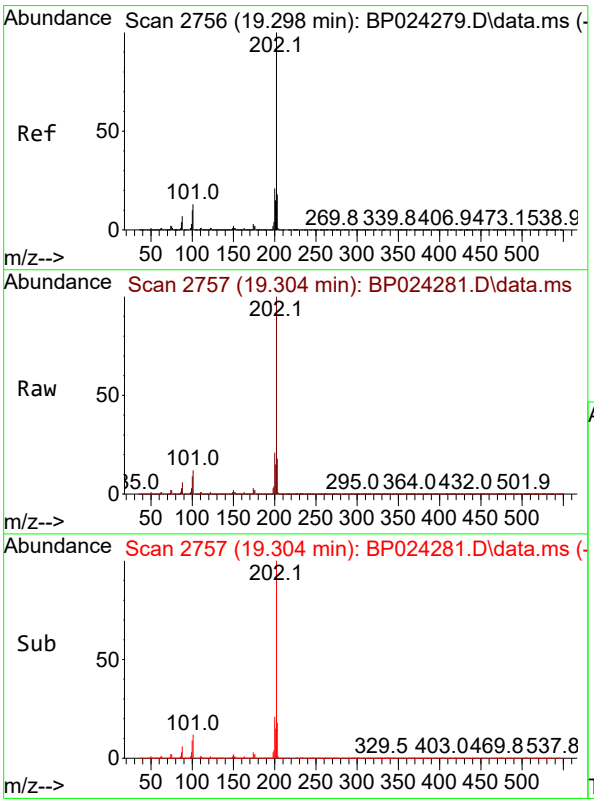
#74
Di-n-butylphthalate
Concen: 62.730 ng
RT: 18.186 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 6167206

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.0	3.9	5.9

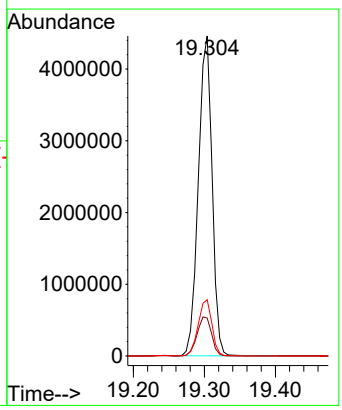


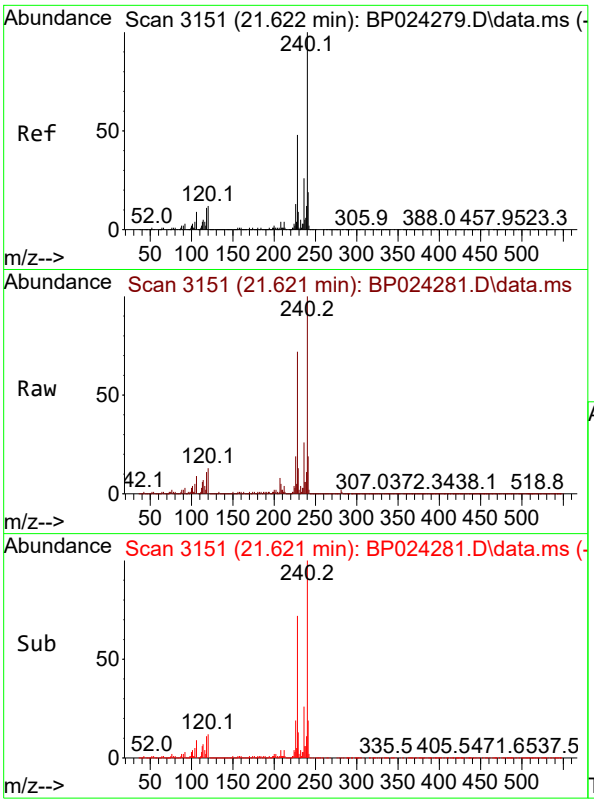


#75
Fluoranthene
Concen: 60.092 ng
RT: 19.304 min Scan# 2757
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:202 Resp: 6009748

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	33.2
203	17.6	0.0	37.7



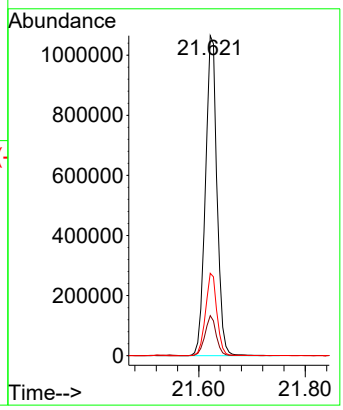


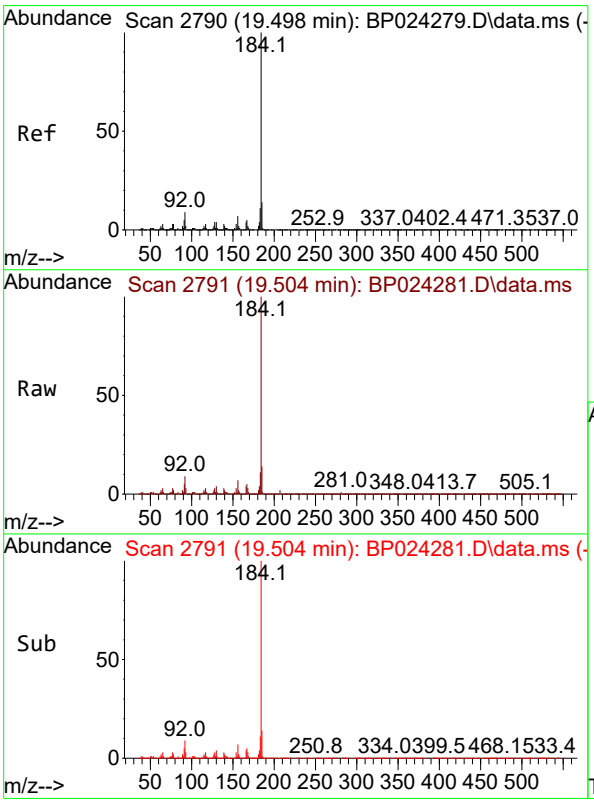
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.621 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:240 Resp: 1596148

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.8	14.8
236	25.8	20.9	31.3

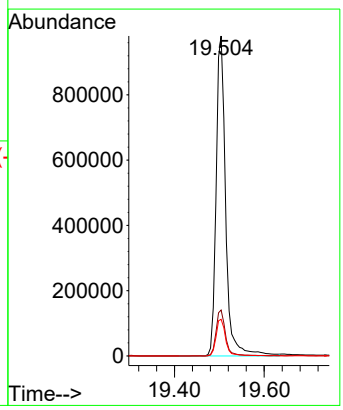


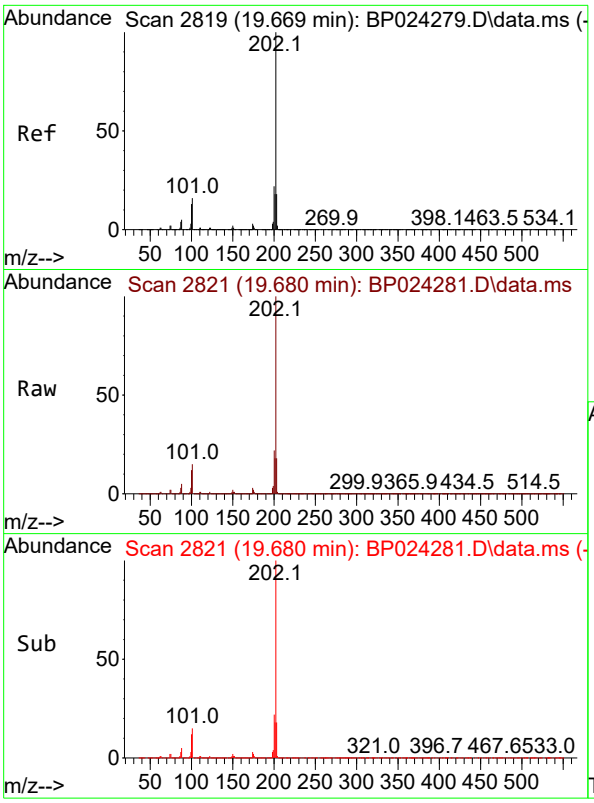


#77
Benzidine
Concen: 73.401 ng
RT: 19.504 min Scan# 2791
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:184 Resp: 1446166

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.6	17.4
183	11.5	9.2	13.8



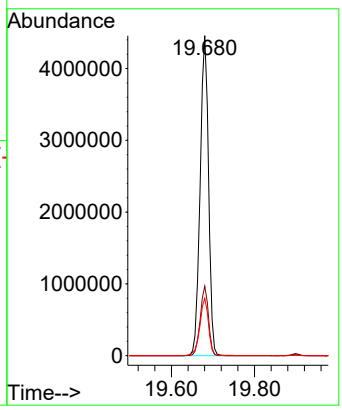


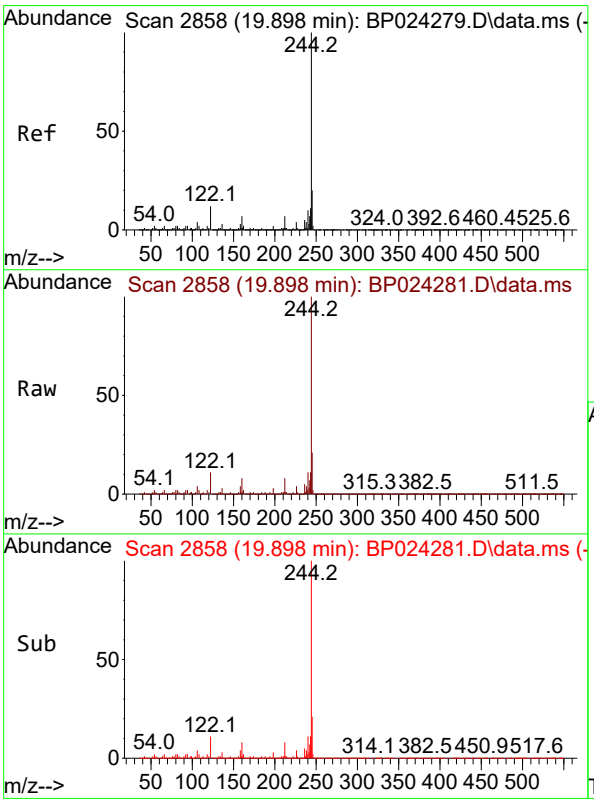
#78
Pyrene
Concen: 61.204 ng
RT: 19.680 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 6250781

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.2	25.8
203	17.9	14.4	21.6

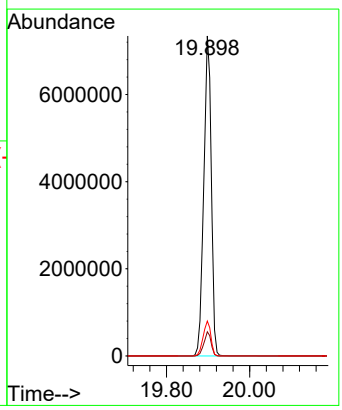


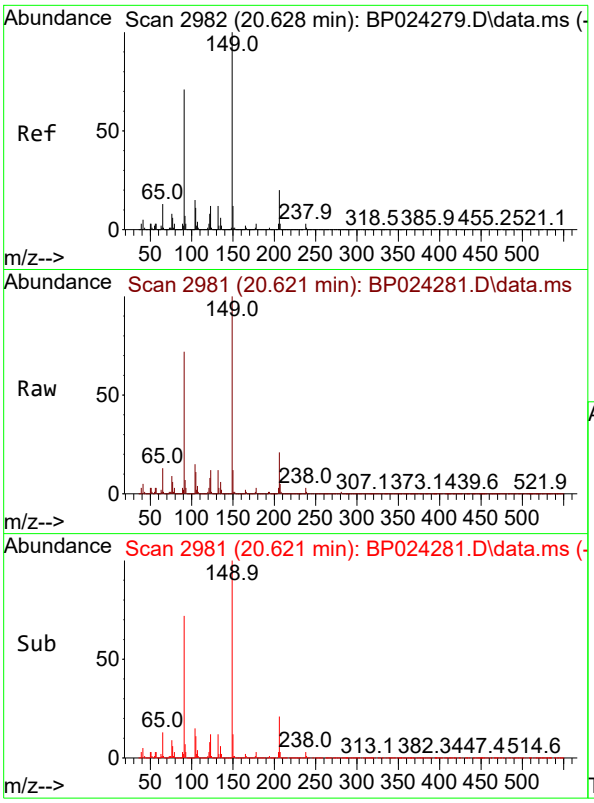


#79
Terphenyl-d14
Concen: 115.262 ng
RT: 19.898 min Scan# 2858
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:244 Resp: 9228969

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.6	8.4
122	10.9	9.4	14.0



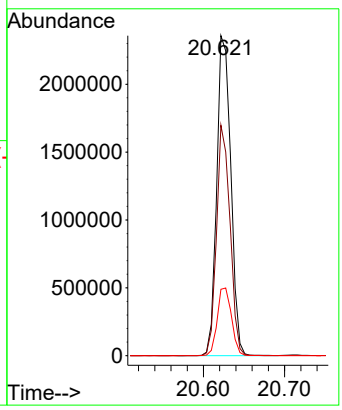


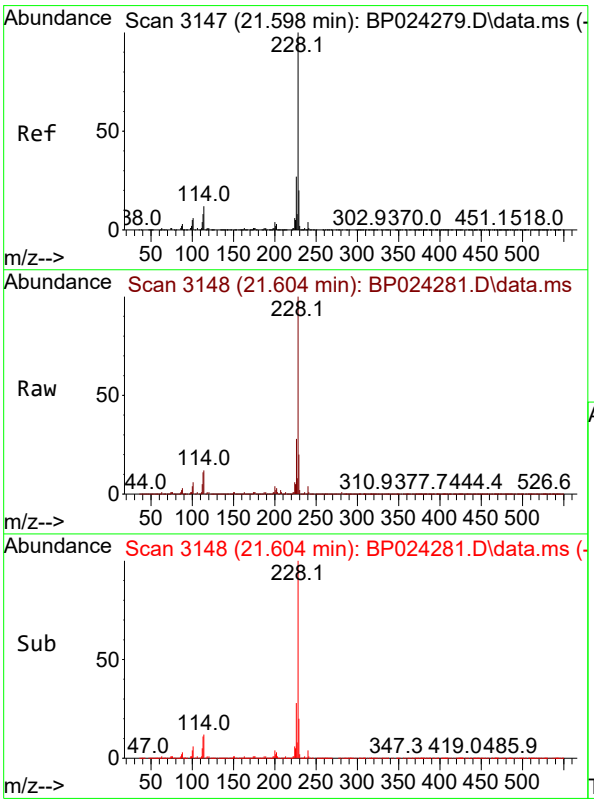
#80
Butylbenzylphthalate
Concen: 65.961 ng
RT: 20.621 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 2840001

Ion	Ratio	Lower	Upper
149	100		
91	72.0	56.4	84.6
206	20.7	16.3	24.5

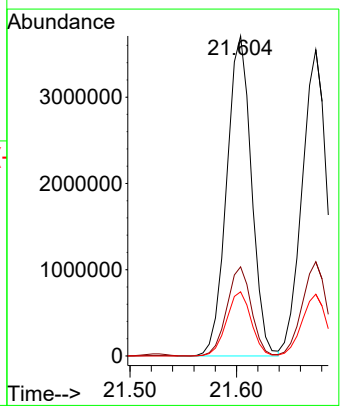


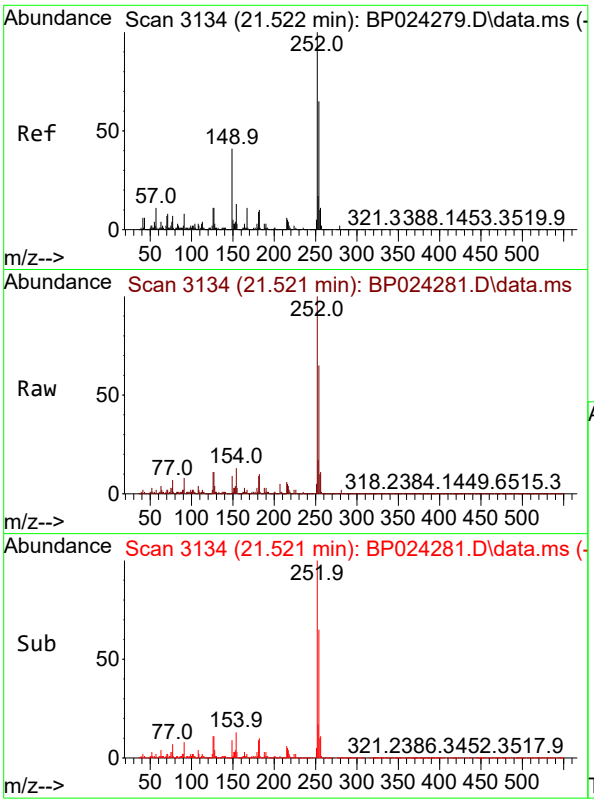


#81
Benzo(a)anthracene
Concen: 60.318 ng
RT: 21.604 min Scan# 3148
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:228 Resp: 6002059

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.8
229	20.1	15.9	23.9



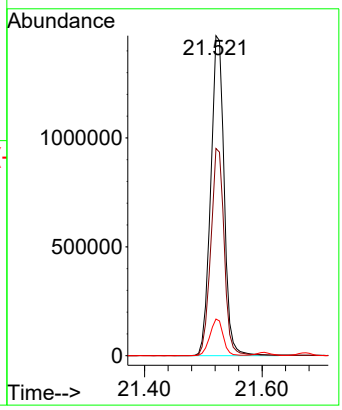


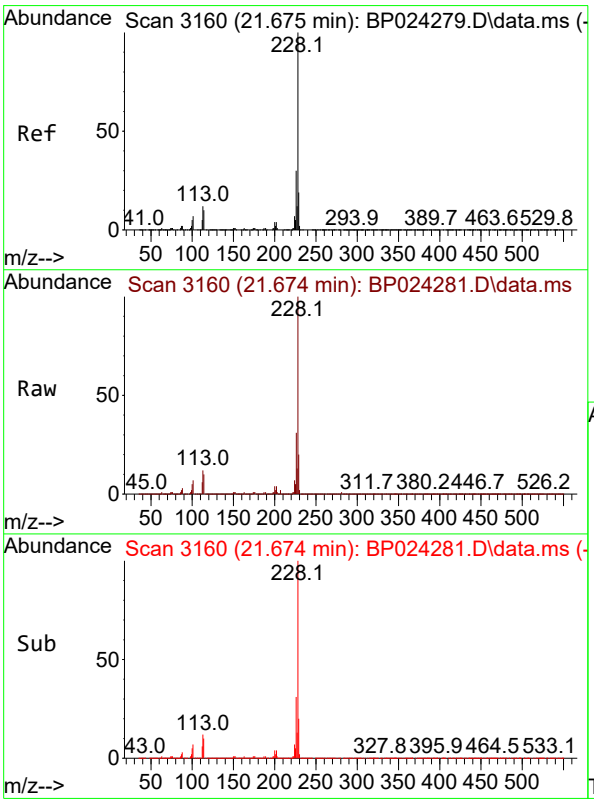
#82
3,3'-Dichlorobenzidine
Concen: 67.333 ng
RT: 21.521 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 2323294

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.7	77.5
126	11.5	8.8	13.2

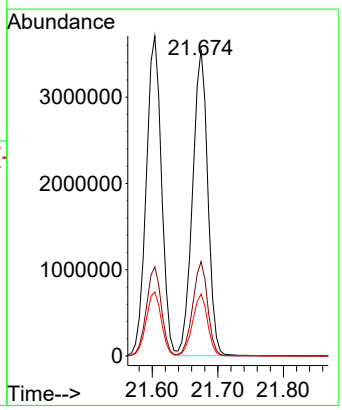


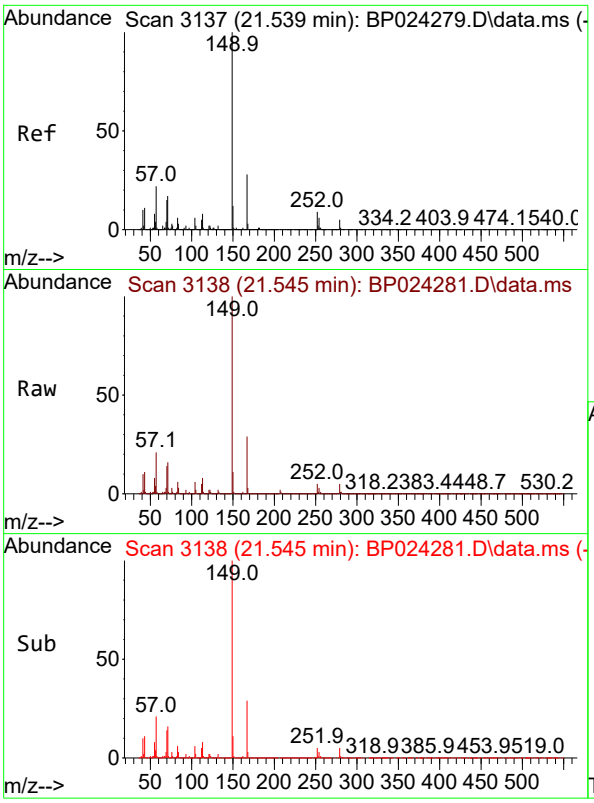


#83
Chrysene
Concen: 59.924 ng
RT: 21.674 min Scan# 3160
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:228 Resp: 5714775

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.2
229	20.2	15.6	23.4



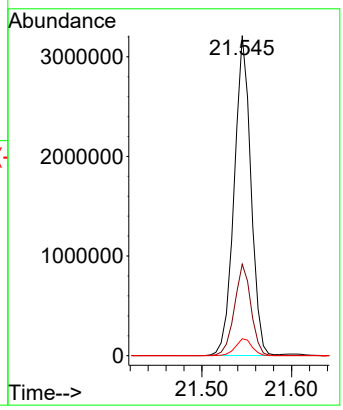


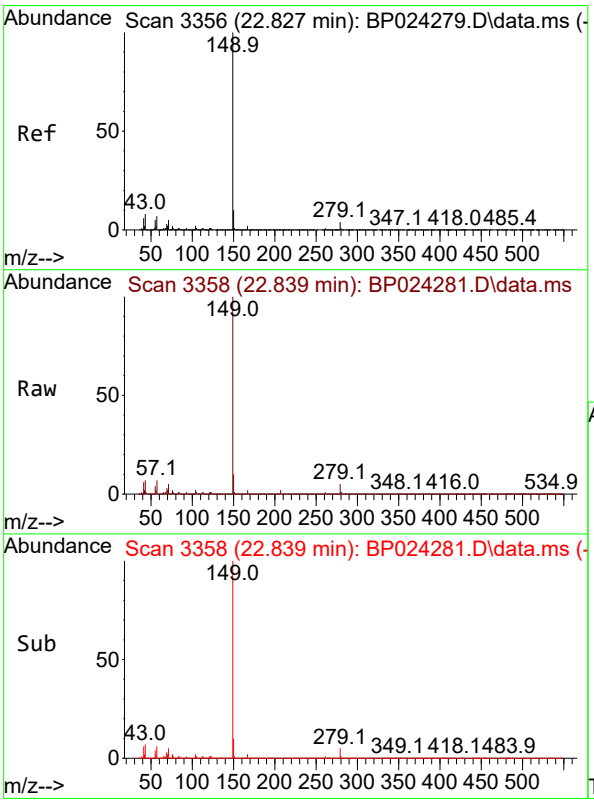
#84
Bis(2-ethylhexyl)phthalate
Concen: 65.497 ng
RT: 21.545 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 4153128

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.4	33.6
279	5.3	4.0	6.0

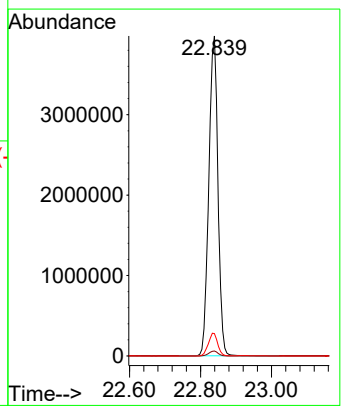


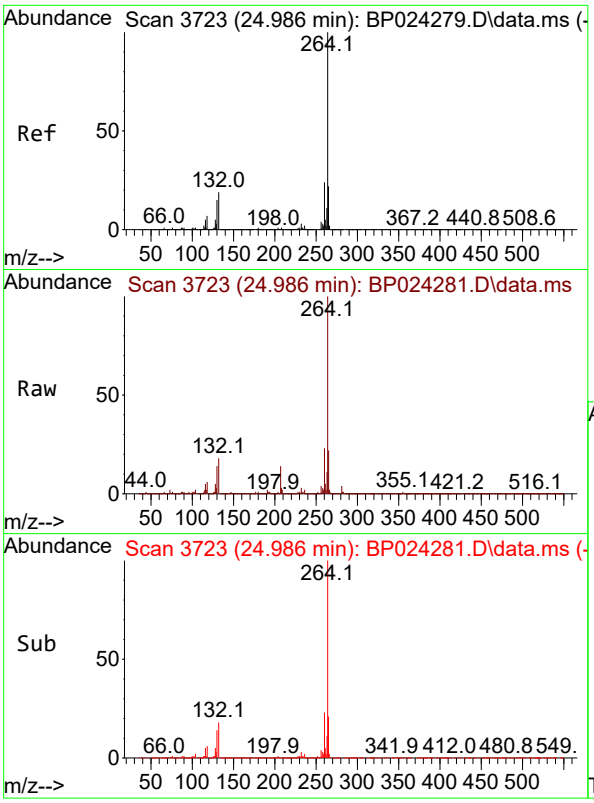


#85
Di-n-octyl phthalate
Concen: 70.060 ng
RT: 22.839 min Scan# 3358
Delta R.T. 0.012 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:149 Resp: 7116217

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.2	6.0	9.0



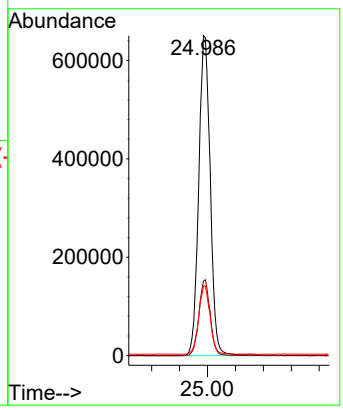


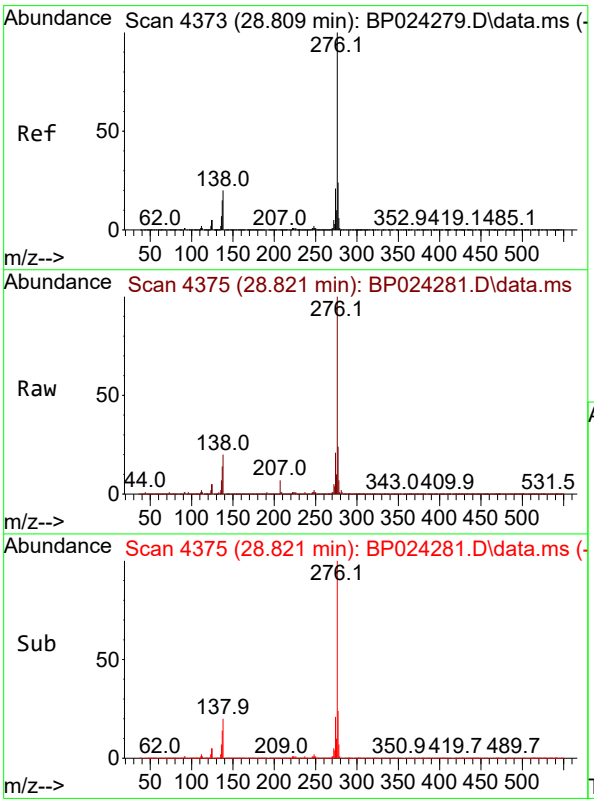
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.986 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:264 Resp: 1858365

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	21.8	17.8	26.6

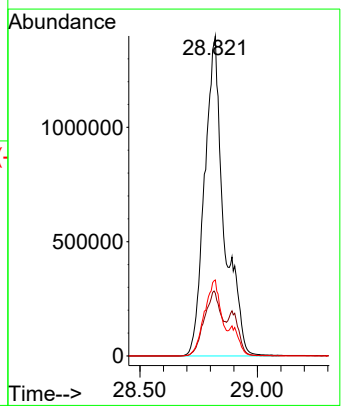


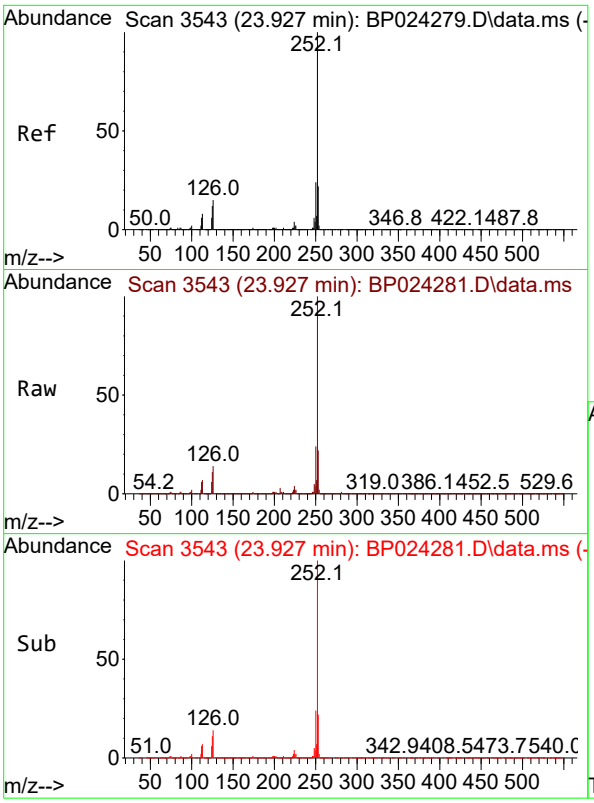


#87
Indeno(1,2,3-cd)pyrene
Concen: 63.043 ng m
RT: 28.821 min Scan# 4375
Delta R.T. 0.012 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:276 Resp: 8057576

Ion	Ratio	Lower	Upper
276	100		
138	18.2	14.5	21.7
277	20.7	20.2	30.2



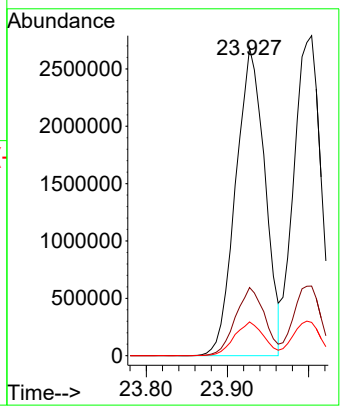


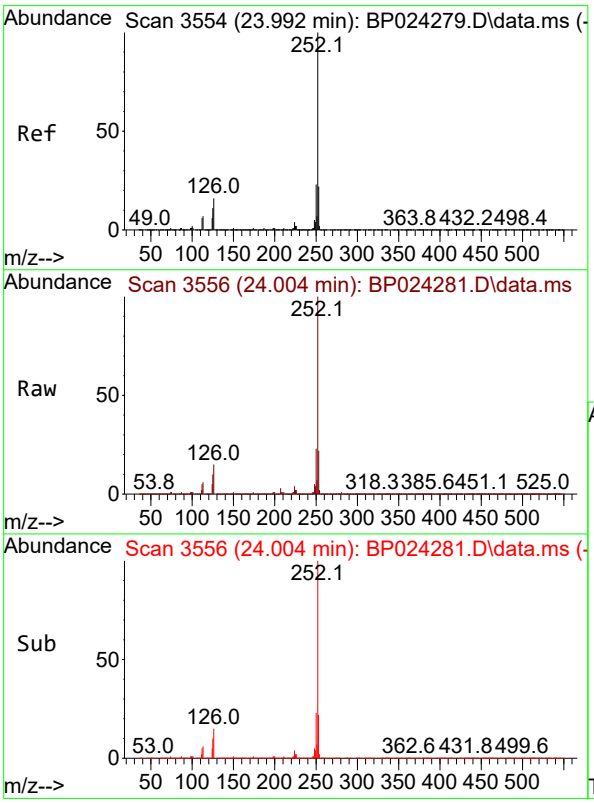
#88
Benzo(b)fluoranthene
Concen: 60.400 ng
RT: 23.927 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 6715444

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.0	9.4	14.0

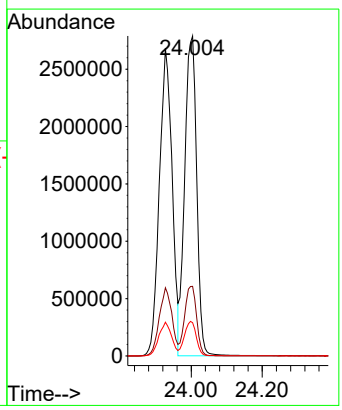


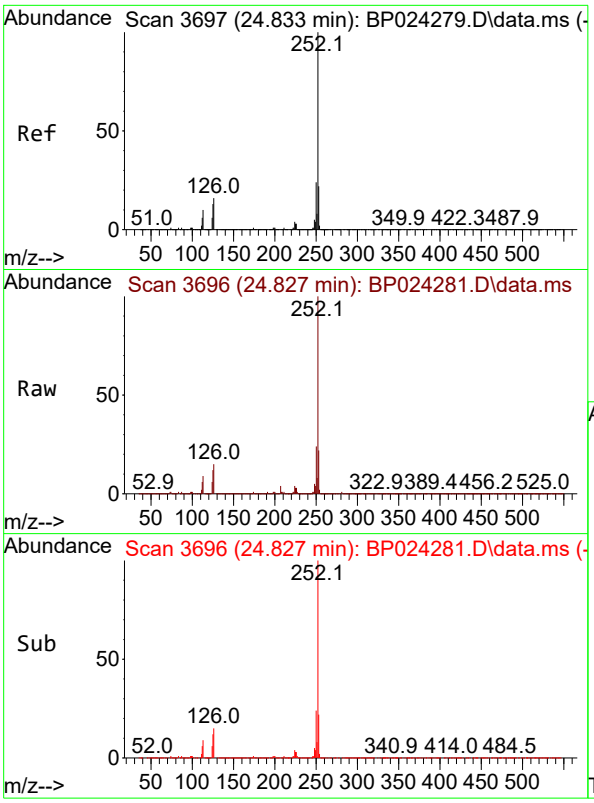


#89
Benzo(k)fluoranthene
Concen: 60.244 ng
RT: 24.004 min Scan# 3556
Delta R.T. 0.012 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:252 Resp: 6500782

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.4	9.1	13.7



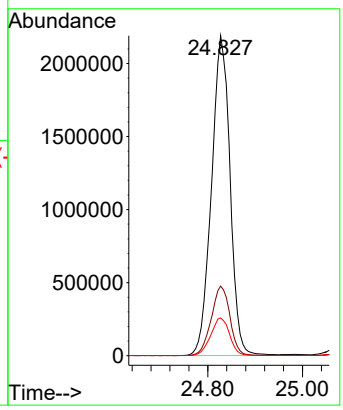


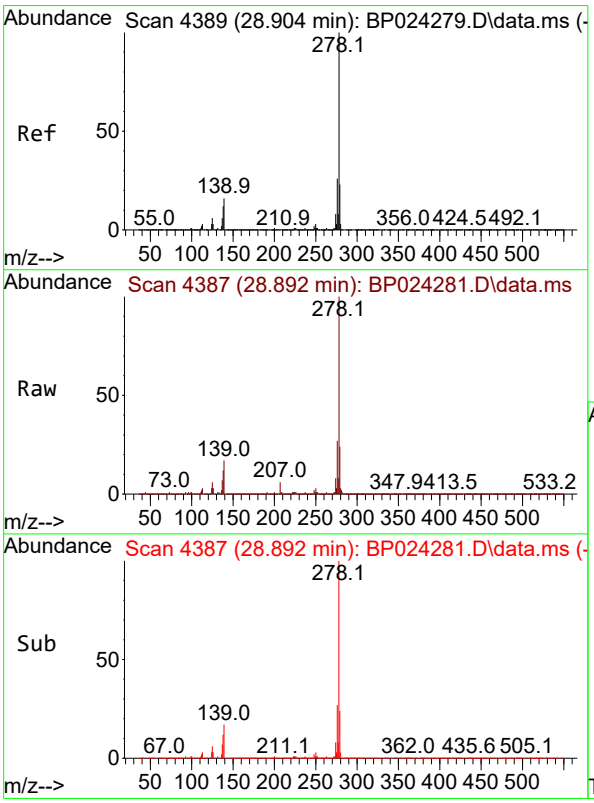
#90
Benzo(a)pyrene
Concen: 62.316 ng
RT: 24.827 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 5964163

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.8	10.1	15.1

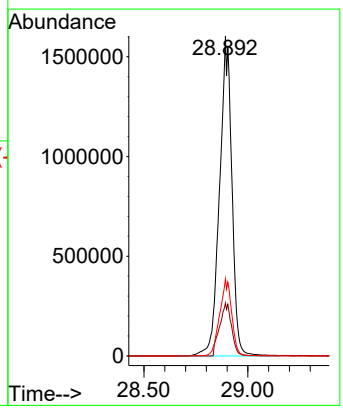


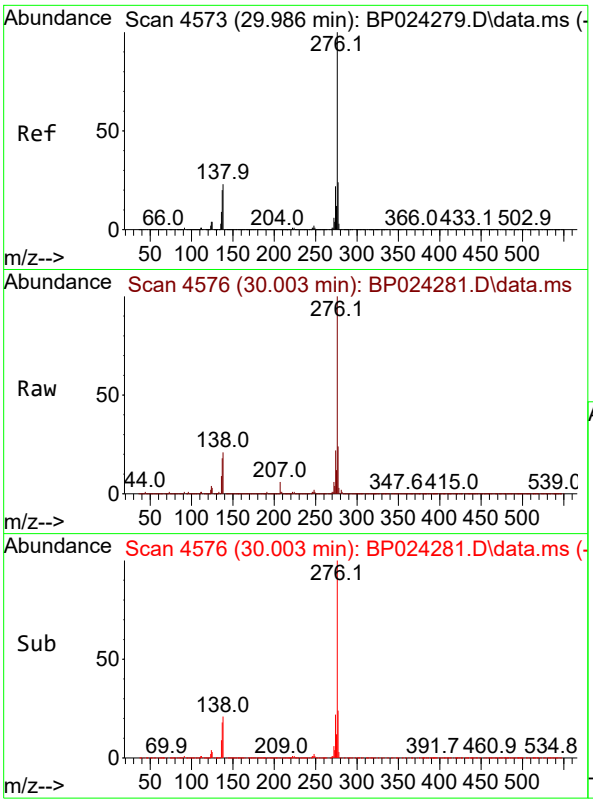


#91
Dibenzo(a,h)anthracene
Concen: 62.214 ng
RT: 28.892 min Scan# 4387
Delta R.T. -0.012 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:278 Resp: 6614173

Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.6	19.0
279	24.1	18.5	27.7



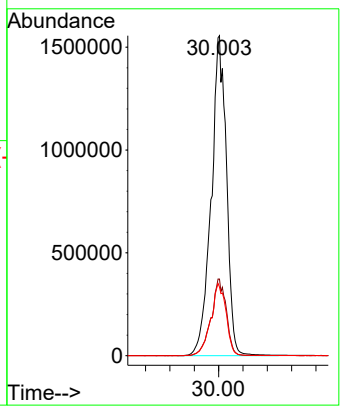


#92
Benzo(g,h,i)perylene
Concen: 62.294 ng
RT: 30.003 min Scan# 4
Delta R.T. 0.017 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 6740929

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	21.5	18.7	28.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024282.D
Acq On : 14 Apr 2025 17:13
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Apr 14 18:14:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.728	152	244732	20.000	ng		0.00
21) Naphthalene-d8	10.504	136	1024316	20.000	ng		0.00
39) Acenaphthene-d10	14.369	164	641442	20.000	ng		0.00
64) Phenanthrene-d10	17.180	188	1279313	20.000	ng		0.02
76) Chrysene-d12	21.621	240	1378105	20.000	ng		0.00
86) Perylene-d12	24.986	264	1583281	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	2341577	157.905	ng		0.00
7) Phenol-d6	6.916	99	3224074	158.927	ng		0.00
23) Nitrobenzene-d5	8.881	82	2847003	158.236	ng		0.00
42) 2,4,6-Tribromophenol	15.892	330	1507534	171.633	ng		0.01
45) 2-Fluorobiphenyl	12.981	172	6362479	150.596	ng		0.01
79) Terphenyl-d14	19.922	244	10209149	147.678	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	467234	73.805	ng		99
3) Pyridine	3.687	79	1349044m	81.864	ng		
4) n-Nitrosodimethylamine	3.593	42	434861	79.138	ng		97
6) Aniline	7.069	93	1351337	73.789	ng		100
8) 2-Chlorophenol	7.305	128	1299769	78.433	ng		99
9) Benzaldehyde	6.881	77	608272	57.891	ng		99
10) Phenol	6.946	94	1608027	78.944	ng		98
11) bis(2-Chloroethyl)ether	7.163	93	1272327	77.297	ng		99
12) 1,3-Dichlorobenzene	7.622	146	1344292	74.869	ng		100
13) 1,4-Dichlorobenzene	7.763	146	1369087	75.195	ng		99
14) 1,2-Dichlorobenzene	8.075	146	1310407	74.432	ng		100
15) Benzyl Alcohol	7.975	79	1098602	84.492	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.257	45	1319830	73.704	ng		98
17) 2-Methylphenol	8.175	107	1064555	81.101	ng		100
18) Hexachloroethane	8.799	117	498897	75.920	ng		99
19) n-Nitroso-di-n-propyla...	8.534	70	968278	76.844	ng		99
20) 3+4-Methylphenols	8.499	107	1492527	82.092	ng		99
22) Acetophenone	8.546	105	1977578	77.680	ng	#	100
24) Nitrobenzene	8.922	77	1392093	78.066	ng		98
25) Isophorone	9.446	82	2617853	80.596	ng		99
26) 2-Nitrophenol	9.628	139	760077	88.768	ng		98
27) 2,4-Dimethylphenol	9.693	122	905891	83.475	ng		99
28) bis(2-Chloroethoxy)met...	9.922	93	1689686	76.434	ng		99
29) 2,4-Dichlorophenol	10.157	162	1238253	83.719	ng		99
30) 1,2,4-Trichlorobenzene	10.369	180	1252476	78.272	ng		99
31) Naphthalene	10.557	128	4190486	77.287	ng		100
32) Benzoic acid	9.875	122	1154243m	98.425	ng		
33) 4-Chloroaniline	10.669	127	1547427	81.682	ng		99
34) Hexachlorobutadiene	10.840	225	743811	79.240	ng		99
35) Caprolactam	11.481	113	469910	86.534	ng		98
36) 4-Chloro-3-methylphenol	11.804	107	1438601	83.468	ng		98
37) 2-Methylnaphthalene	12.169	142	2918685	77.673	ng		99
38) 1-Methylnaphthalene	12.393	142	2831173	76.912	ng		100
40) 1,2,4,5-Tetrachloroben...	12.545	216	1416894	80.378	ng		100
41) Hexachlorocyclopentadiene	12.528	237	523136	84.532	ng		99
43) 2,4,6-Trichlorophenol	12.787	196	1000309	86.244	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024282.D
Acq On : 14 Apr 2025 17:13
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Apr 14 18:14:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

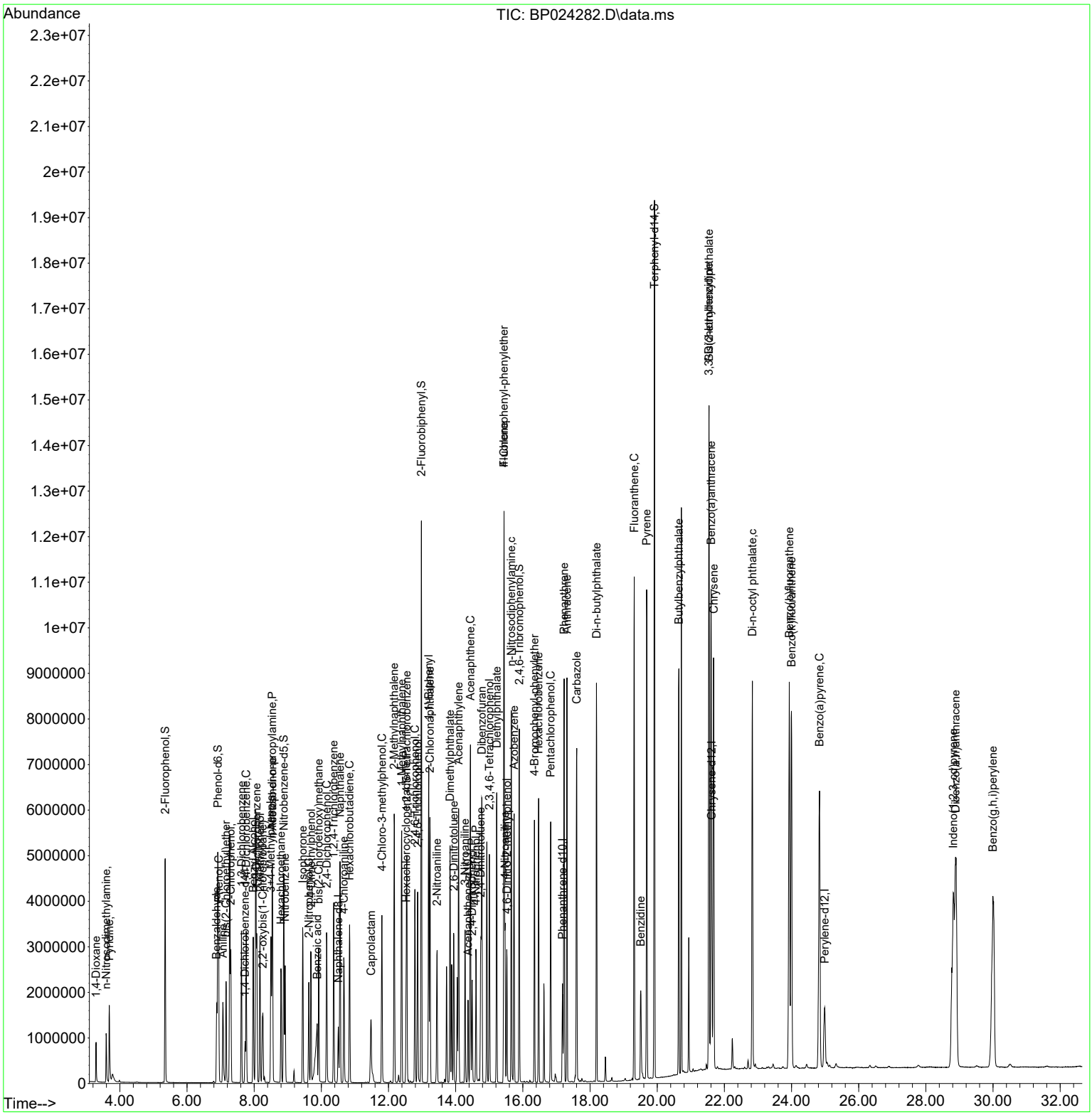
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	1103073	85.819	ng	98
46) 1,1'-Biphenyl	13.198	154	3665607	77.381	ng	99
47) 2-Chloronaphthalene	13.234	162	2766302	78.257	ng	99
48) 2-Nitroaniline	13.445	65	848619	86.912	ng	98
49) Acenaphthylene	14.087	152	4438648	80.004	ng	100
50) Dimethylphthalate	13.834	163	3659579	78.201	ng	99
51) 2,6-Dinitrotoluene	13.945	165	814314	82.589	ng	98
52) Acenaphthene	14.439	154	2761536	78.270	ng	100
53) 3-Nitroaniline	14.281	138	919775	89.913	ng	99
54) 2,4-Dinitrophenol	14.492	184	541483	102.567	ng	99
55) Dibenzofuran	14.781	168	4420987	76.402	ng	99
56) 4-Nitrophenol	14.604	139	814261	92.599	ng	98
57) 2,4-Dinitrotoluene	14.745	165	1169554	87.755	ng	98
58) Fluorene	15.439	166	3479094	77.873	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.004	232	999335	84.031	ng	100
60) Diethylphthalate	15.222	149	3800651	78.910	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	1689620	77.881	ng	100
62) 4-Nitroaniline	15.469	138	965926	89.063	ng	98
63) Azobenzene	15.739	77	3448680	77.741	ng	98
65) 4,6-Dinitro-2-methylph...	15.528	198	705506	94.385	ng	92
66) n-Nitrosodiphenylamine	15.657	169	2970516	77.438	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	1137128	81.488	ng	99
68) Hexachlorobenzene	16.469	284	1347567	81.231	ng	97
70) Pentachlorophenol	16.828	266	1027691	90.221	ng	99
71) Phenanthrene	17.228	178	5415046	77.203	ng	100
72) Anthracene	17.316	178	5270987	78.097	ng	99
73) Carbazole	17.604	167	5275449	80.314	ng	100
74) Di-n-butylphthalate	18.192	149	6569078	80.266	ng	100
75) Fluoranthene	19.316	202	6520527	78.322	ng	99
77) Benzidine	19.510	184	1694694m	99.624	ng	
78) Pyrene	19.686	202	6718789	76.195	ng	100
80) Butylbenzylphthalate	20.645	149	3163633	85.104	ng	96
81) Benzo(a)anthracene	21.604	228	6729971	78.335	ng	99
82) 3,3'-Dichlorobenzidine	21.539	252	2536509	85.143	ng	99
83) Chrysene	21.680	228	6433173	78.130	ng	99
84) Bis(2-ethylhexyl)phtha...	21.545	149	4516949	82.506	ng	98
85) Di-n-octyl phthalate	22.833	149	7969779	90.878	ng	99
87) Indeno(1,2,3-cd)pyrene	28.815	276	9286186	85.280	ng	99
88) Benzo(b)fluoranthene	23.933	252	7677613	81.051	ng	98
89) Benzo(k)fluoranthene	23.998	252	7207214	78.395	ng	100
90) Benzo(a)pyrene	24.833	252	6703562	82.211	ng	99
91) Dibenzo(a,h)anthracene	28.886	278	7614901	84.071	ng	98
92) Benzo(g,h,i)perylene	29.997	276	7750941	84.072	ng	99

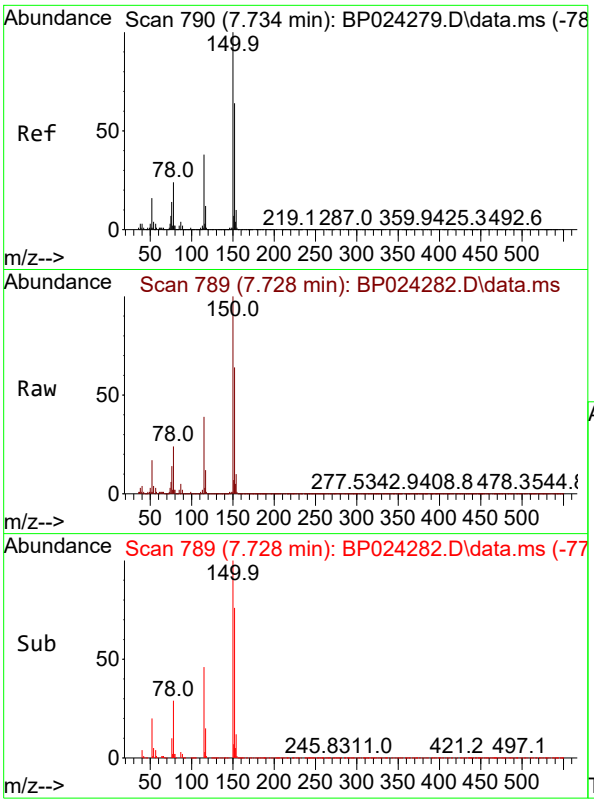
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024282.D
Acq On : 14 Apr 2025 17:13
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Apr 14 18:14:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration



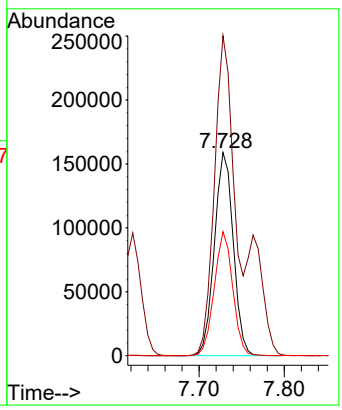


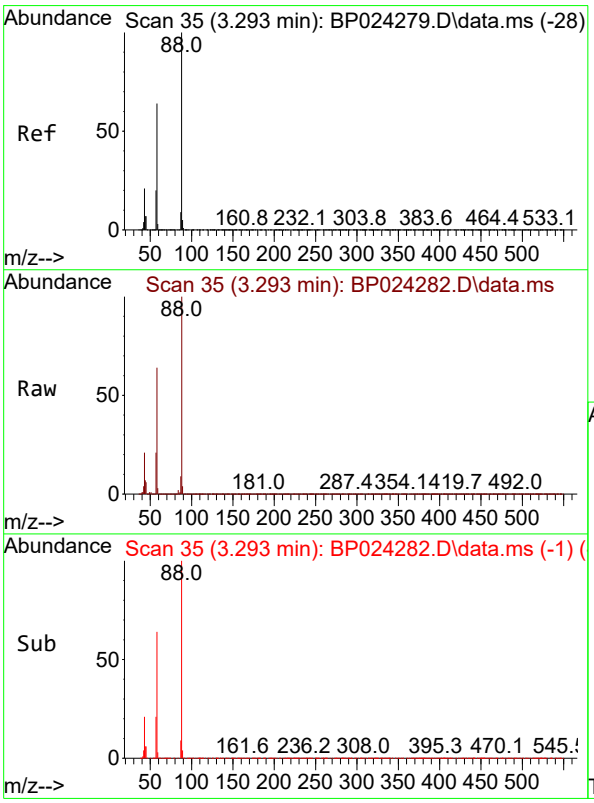
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 244732

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.9	187.3
115	61.0	47.7	71.5

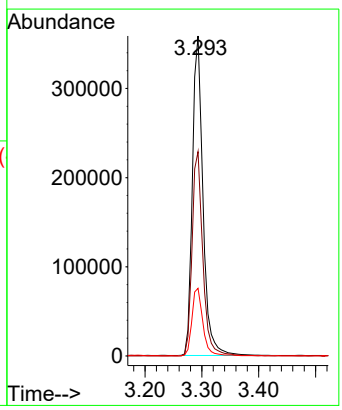


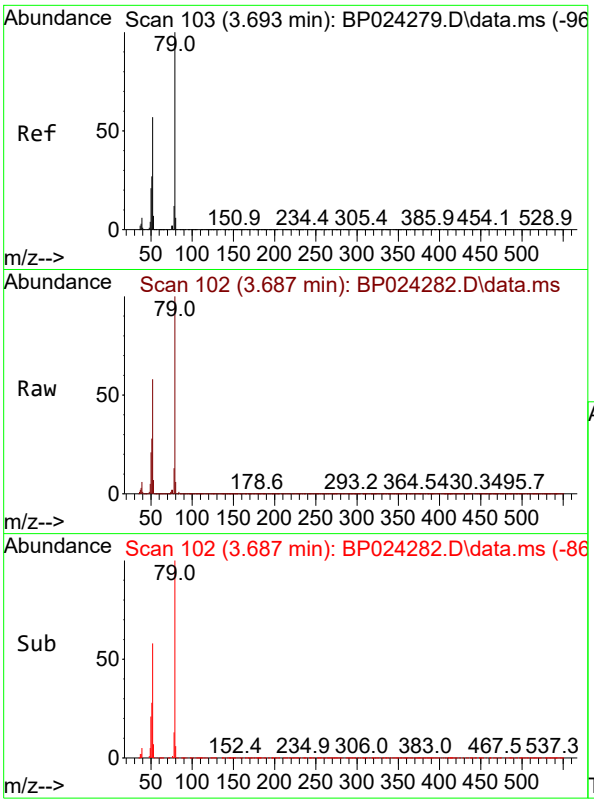


#2
1,4-Dioxane
Concen: 73.805 ng
RT: 3.293 min Scan# 35
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion: 88 Resp: 467234

Ion	Ratio	Lower	Upper
88	100		
58	64.8	51.4	77.2
43	21.7	17.1	25.7



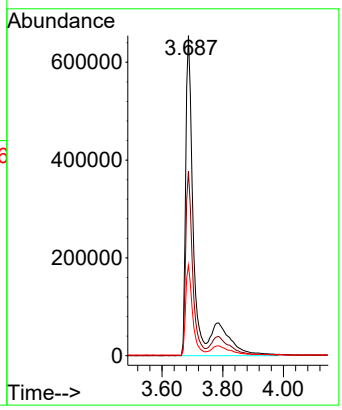


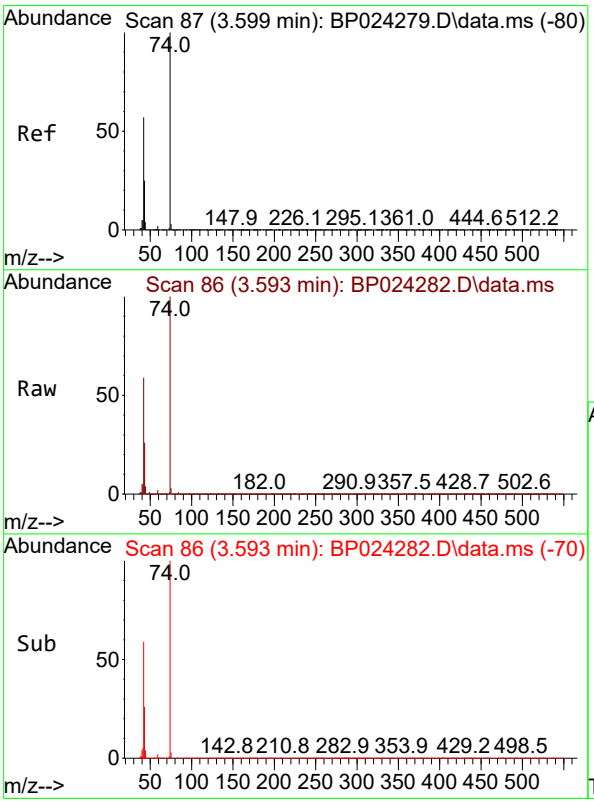
#3
Pyridine
Concen: 81.864 ng m
RT: 3.687 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 1349044

Ion	Ratio	Lower	Upper
79	100		
52	57.7	45.4	68.2
51	28.3	22.6	33.8

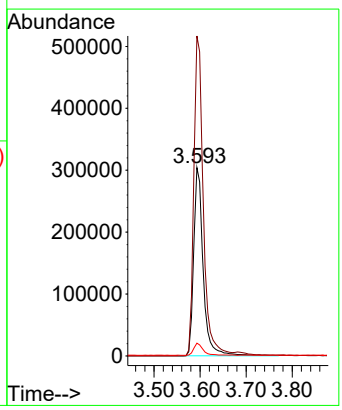


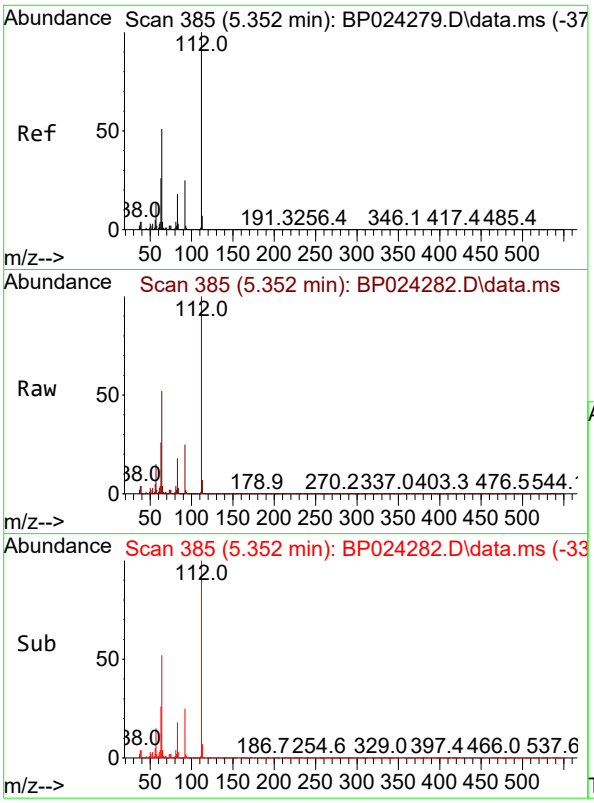


#4
n-Nitrosodimethylamine
Concen: 79.138 ng
RT: 3.593 min Scan# 86
Delta R.T. -0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion: 42 Resp: 434861

Ion	Ratio	Lower	Upper
42	100		
74	170.0	139.5	209.3
44	6.8	5.8	8.8



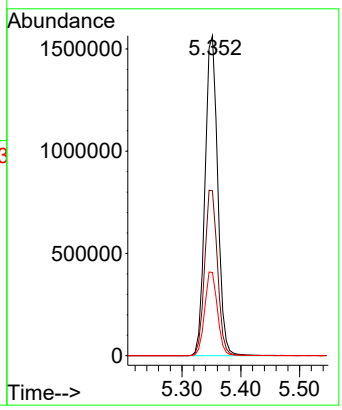


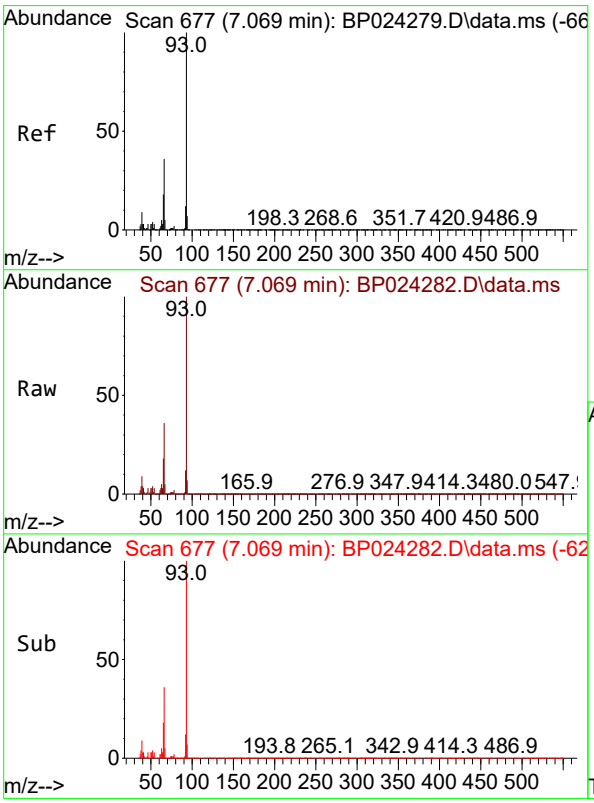
#5
2-Fluorophenol
Concen: 157.905 ng
RT: 5.352 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 2341577

Ion	Ratio	Lower	Upper
112	100		
64	51.6	41.1	61.7
63	26.0	20.6	30.8

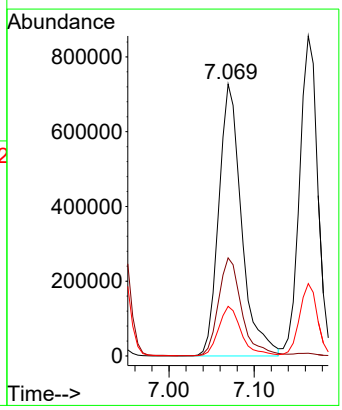


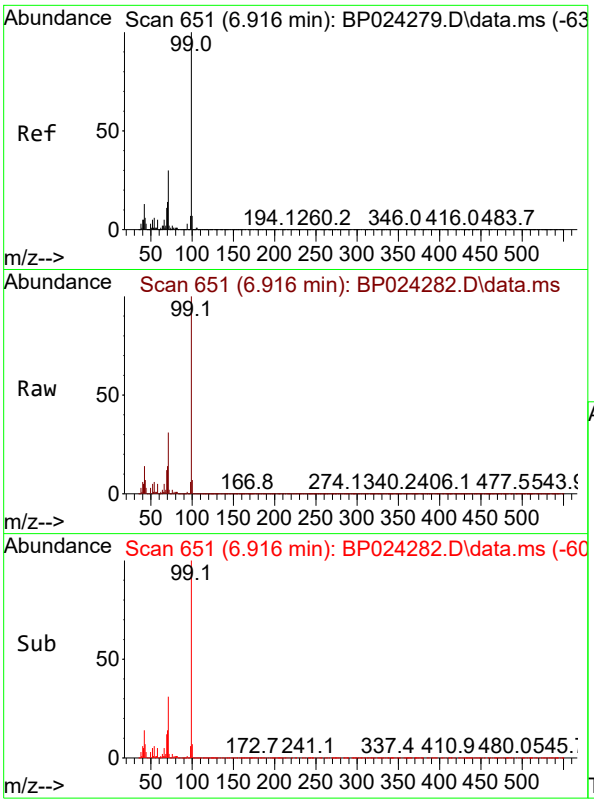


#6
Aniline
Concen: 73.789 ng
RT: 7.069 min Scan# 677
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion: 93 Resp: 1351337

Ion	Ratio	Lower	Upper
93	100		
66	36.1	29.1	43.7
65	18.2	14.7	22.1



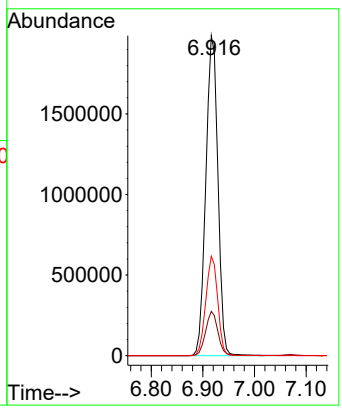


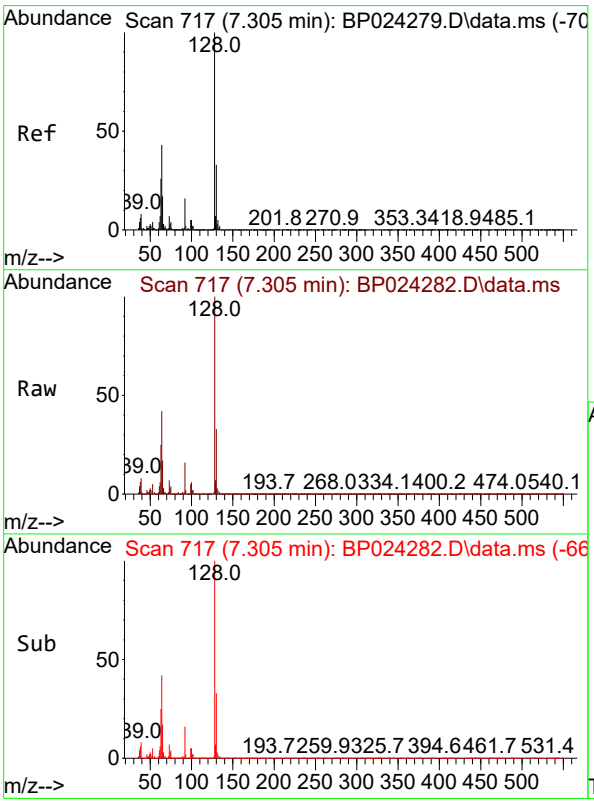
#7
Phenol-d6
Concen: 158.927 ng
RT: 6.916 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 3224074

Ion	Ratio	Lower	Upper
99	100		
42	13.9	10.6	16.0
71	31.1	23.7	35.5

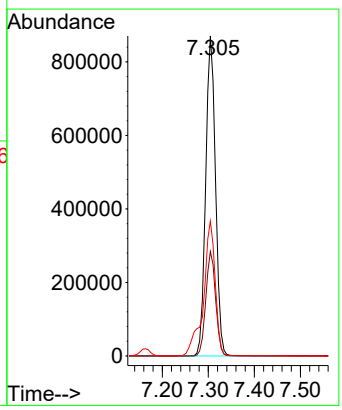


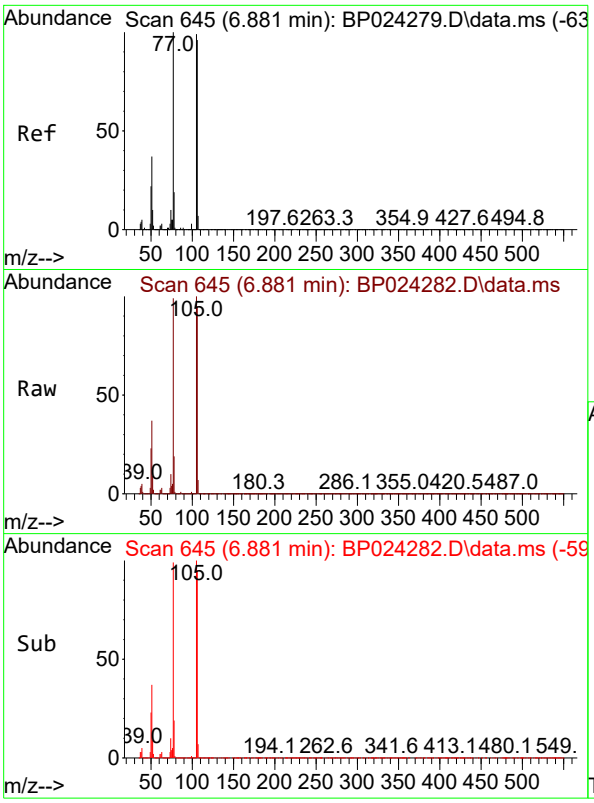


#8
2-Chlorophenol
Concen: 78.433 ng
RT: 7.305 min Scan# 717
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:128 Resp: 1299769

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	42.1	22.7	62.7



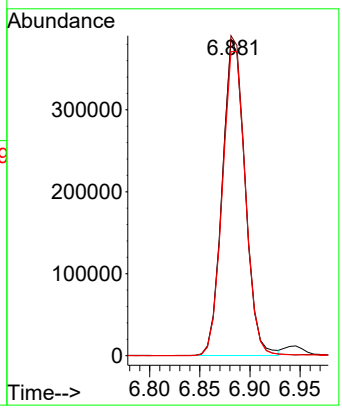


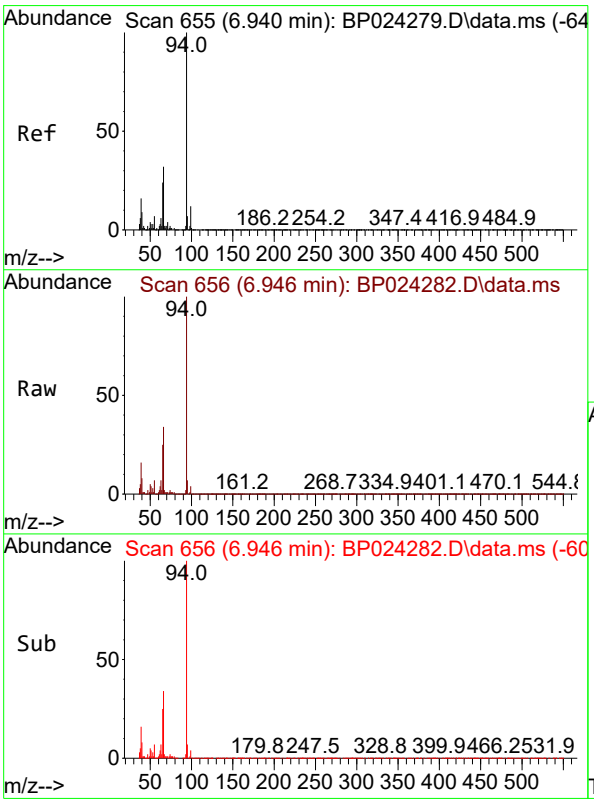
#9
Benzaldehyde
Concen: 57.891 ng
RT: 6.881 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 608272

Ion	Ratio	Lower	Upper
77	100		
105	101.2	79.2	119.2
106	96.2	76.2	116.2

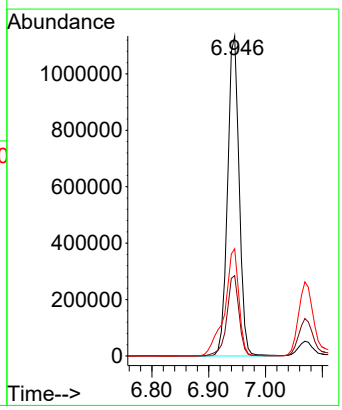


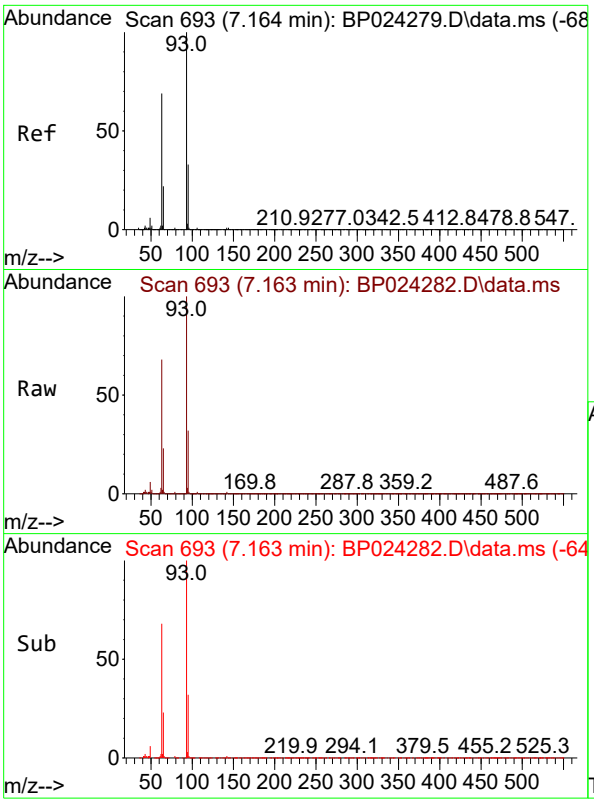


#10
Phenol
Concen: 78.944 ng
RT: 6.946 min Scan# 656
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion: 94 Resp: 1608027

Ion	Ratio	Lower	Upper
94	100		
65	25.1	4.5	44.5
66	33.5	12.4	52.4



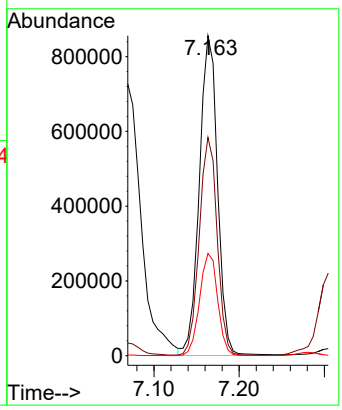


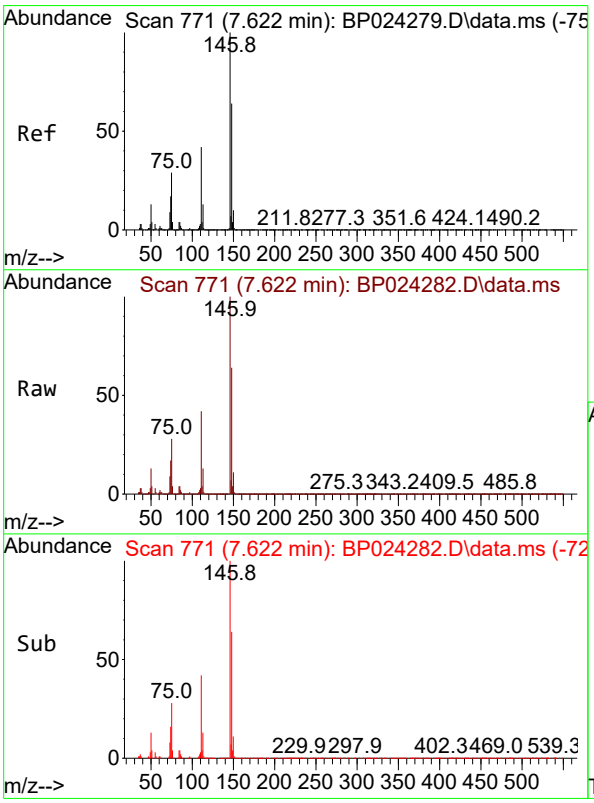
#11
bis(2-Chloroethyl)ether
Concen: 77.297 ng
RT: 7.163 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 1272327

Ion	Ratio	Lower	Upper
93	100		
63	68.2	48.6	88.6
95	31.9	12.3	52.3

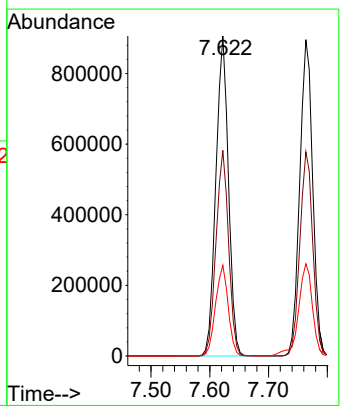


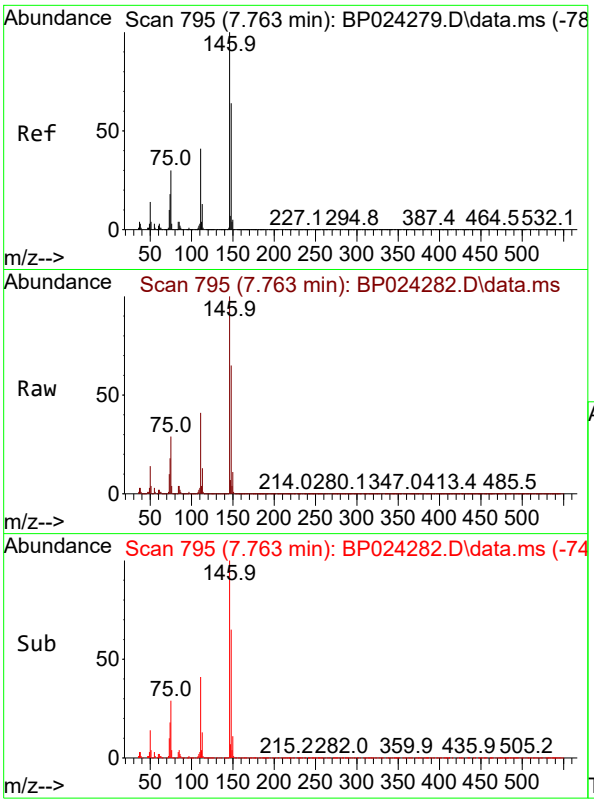


#12
1,3-Dichlorobenzene
Concen: 74.869 ng
RT: 7.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:146 Resp: 1344292

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.0
75	28.4	22.9	34.3



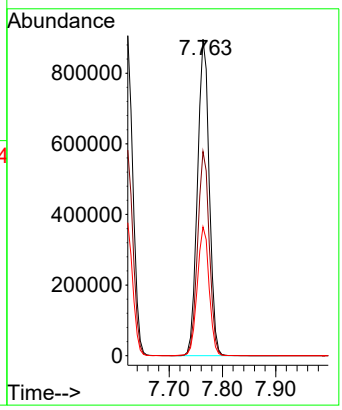


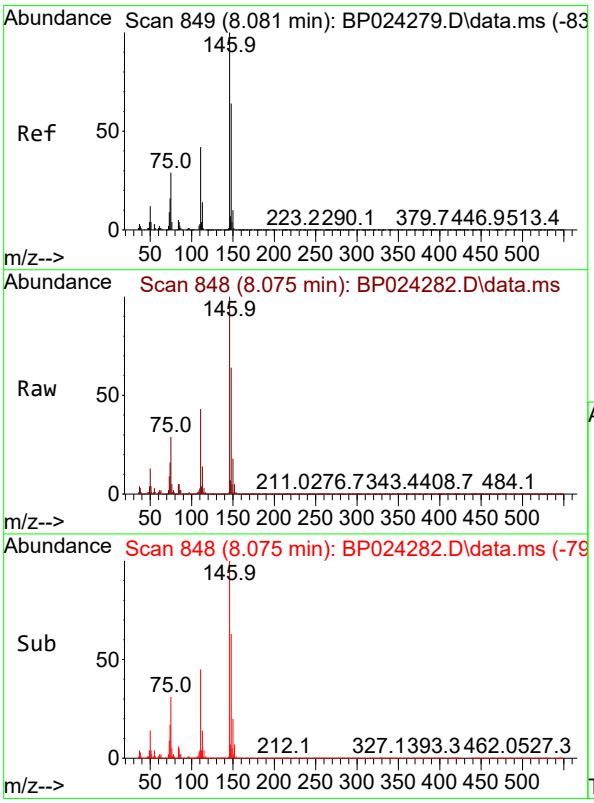
#13
1,4-Dichlorobenzene
Concen: 75.195 ng
RT: 7.763 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 1369087

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
111	40.7	32.6	48.8

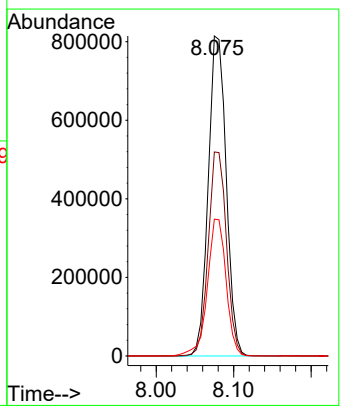


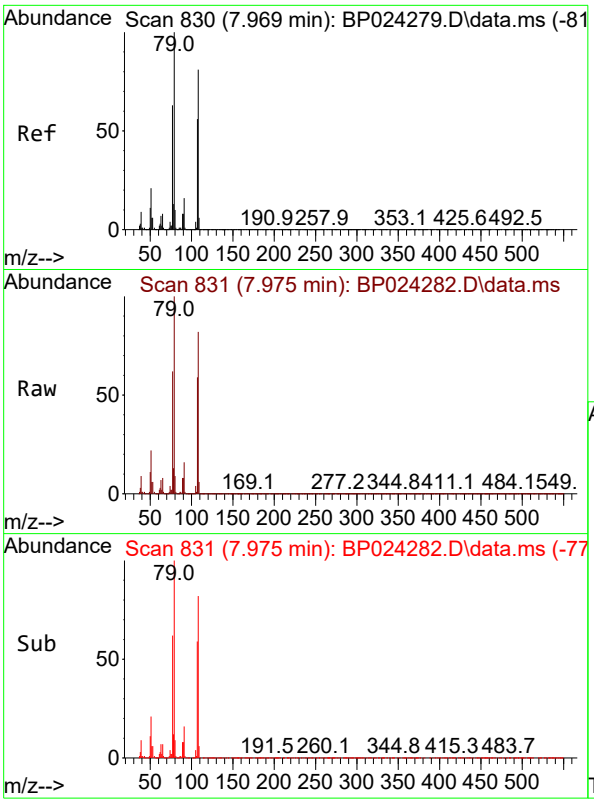


#14
1,2-Dichlorobenzene
Concen: 74.432 ng
RT: 8.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:146 Resp: 1310407

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.4
111	42.7	33.8	50.8



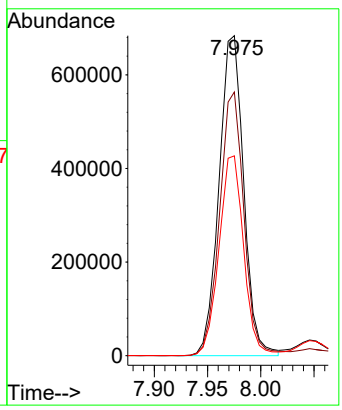


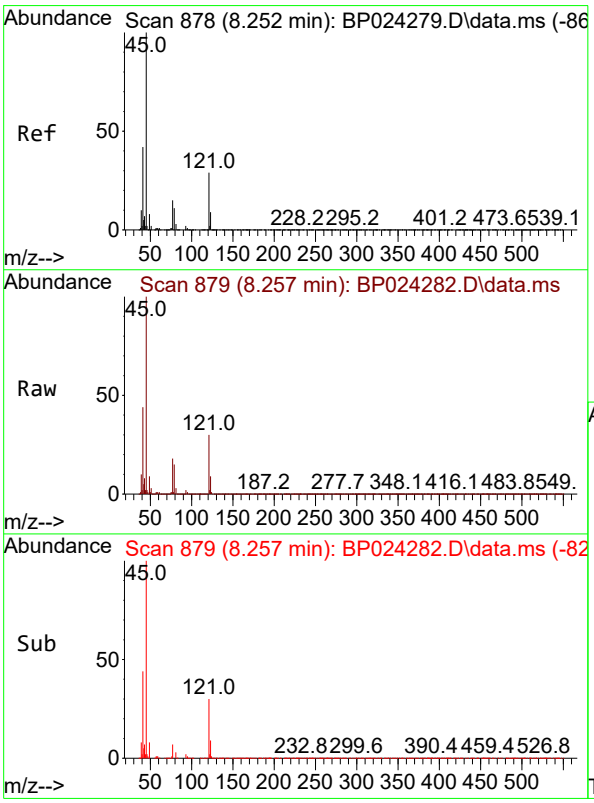
#15
Benzyl Alcohol
Concen: 84.492 ng
RT: 7.975 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 1098602

Ion	Ratio	Lower	Upper
79	100		
108	82.4	65.1	97.7
77	62.4	50.7	76.1

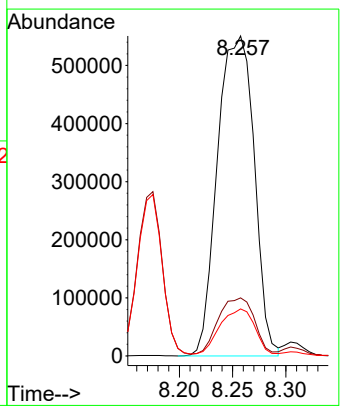


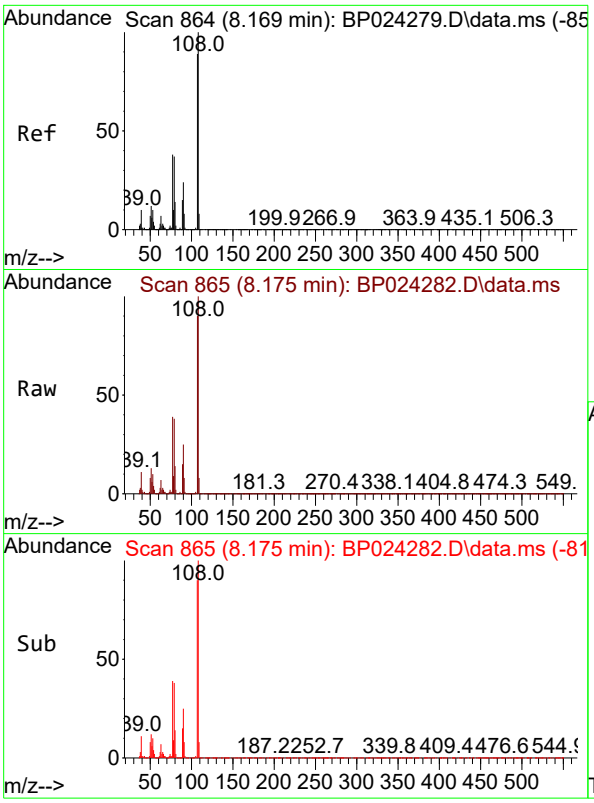


#16
2,2'-oxybis(1-Chloropropane)
Concen: 73.704 ng
RT: 8.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion: 45 Resp: 1319830

Ion	Ratio	Lower	Upper
45	100		
77	18.1	0.0	37.7
79	14.7	0.0	33.5



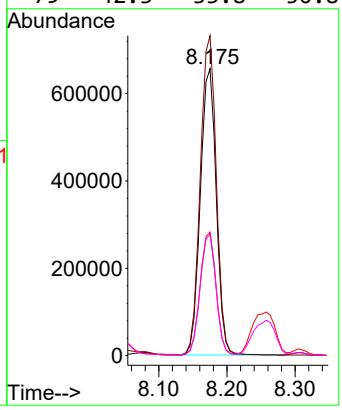


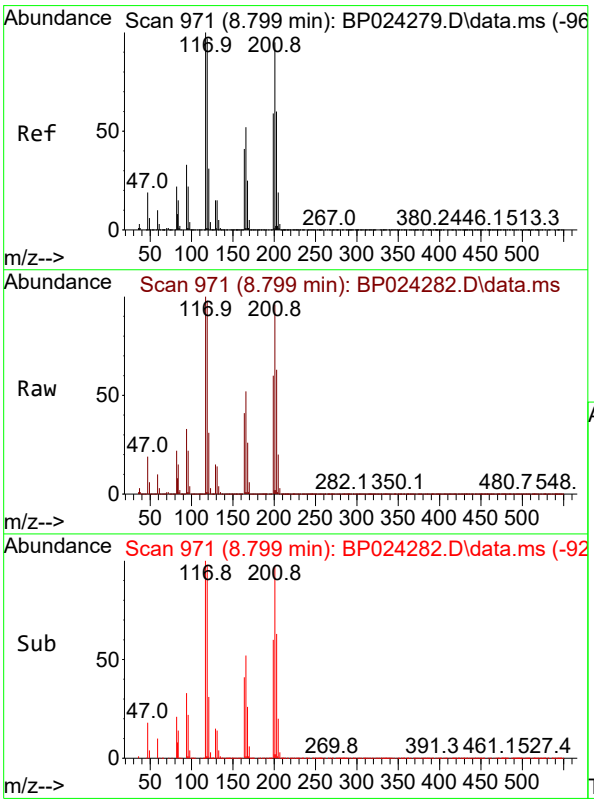
#17
2-Methylphenol
Concen: 81.101 ng
RT: 8.175 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 1064555

Ion	Ratio	Lower	Upper
107	100		
108	111.5	89.8	134.6
77	43.0	34.2	51.4
79	42.3	33.8	50.8

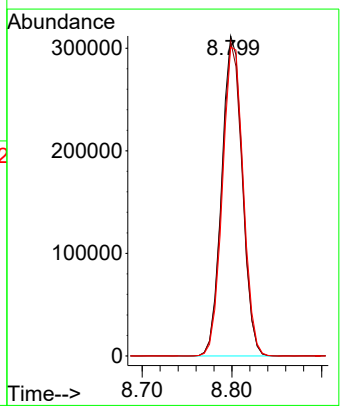


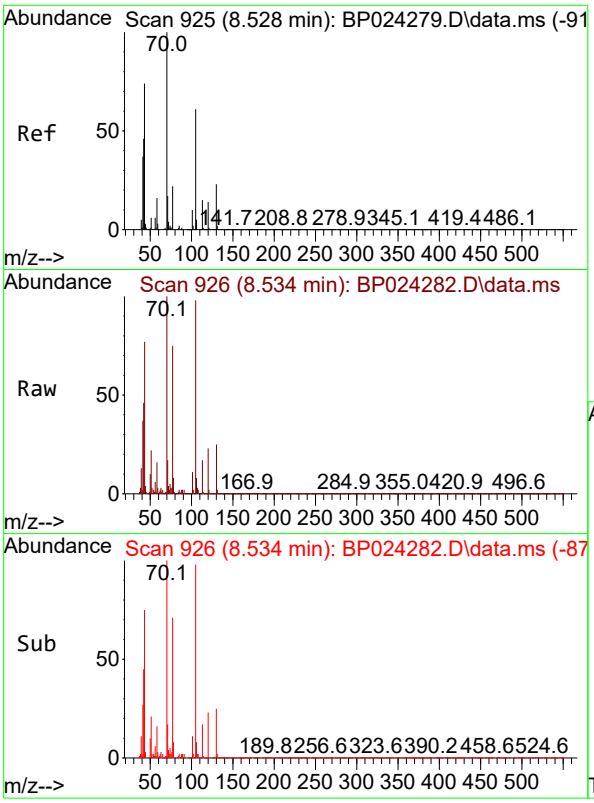


#18
Hexachloroethane
Concen: 75.920 ng
RT: 8.799 min Scan# 971
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:117 Resp: 498897

Ion	Ratio	Lower	Upper
117	100		
119	98.3	77.8	116.6
201	96.5	75.9	113.9



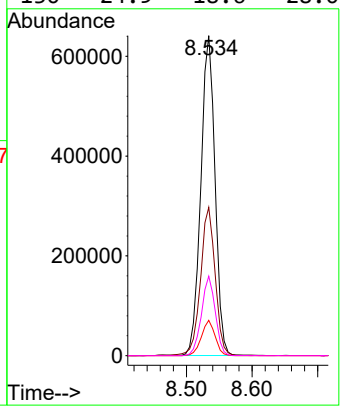


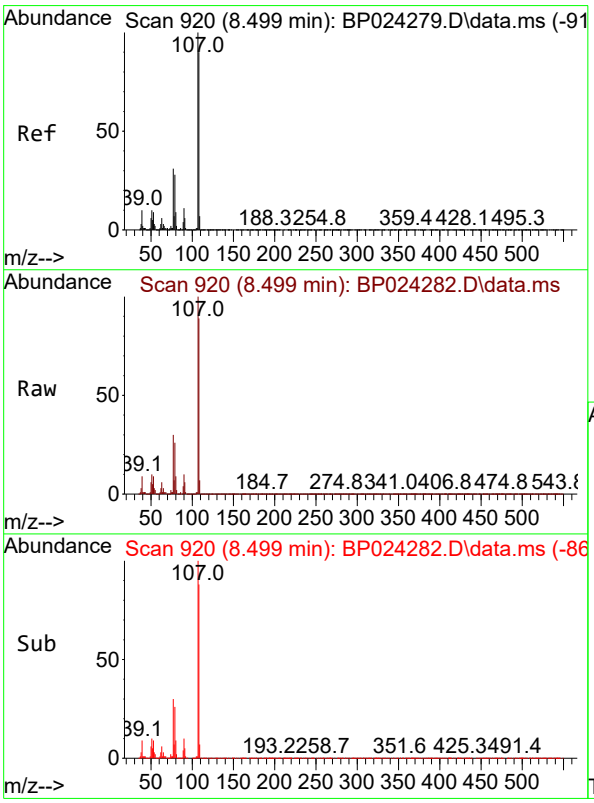
#19
n-Nitroso-di-n-propylamine
Concen: 76.844 ng
RT: 8.534 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 70 Resp: 968278

Ion	Ratio	Lower	Upper
70	100		
42	46.3	37.3	55.9
101	11.0	8.2	12.4
130	24.9	18.6	28.0

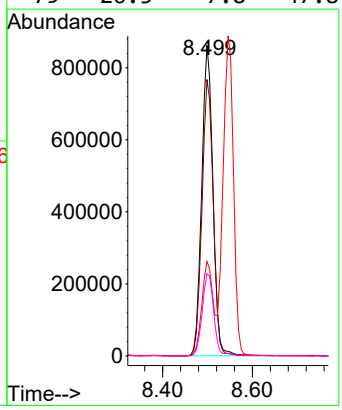


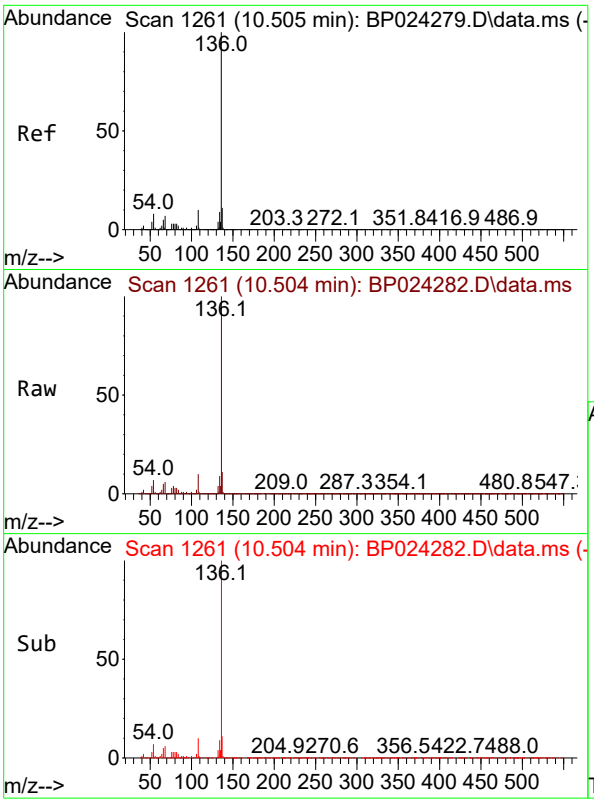


#20
3+4-Methylphenols
Concen: 82.092 ng
RT: 8.499 min Scan# 920
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:107 Resp: 1492527

Ion	Ratio	Lower	Upper
107	100		
108	89.0	69.8	109.8
77	30.4	11.5	51.5
79	26.5	7.8	47.8



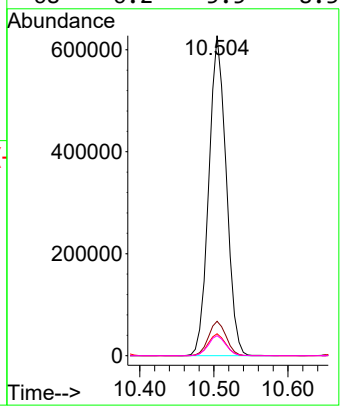


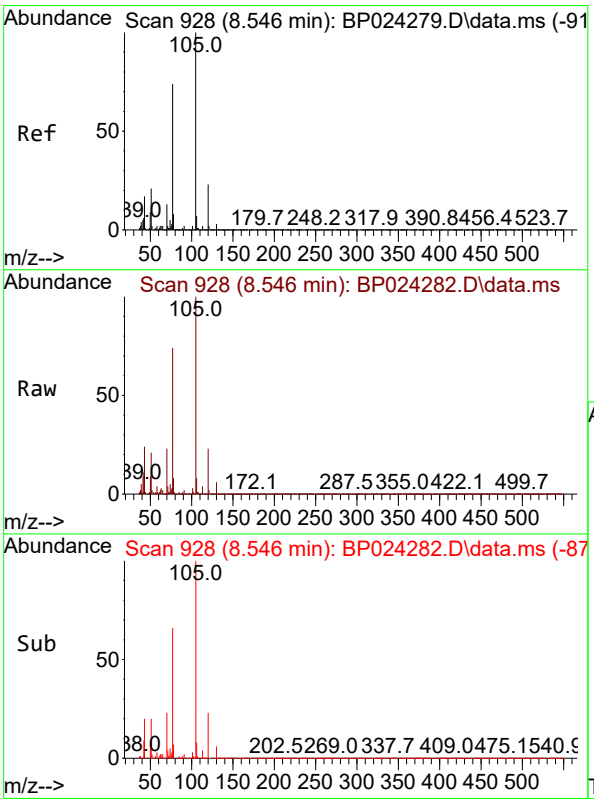
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:136 Resp: 1024316

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.9	6.0	9.0
68	6.2	5.5	8.3

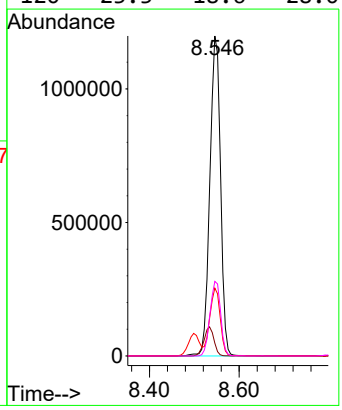


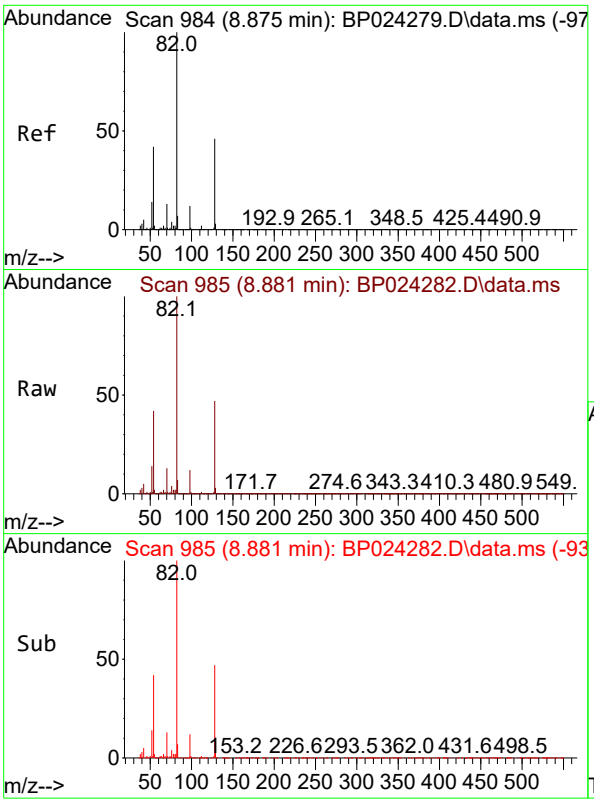


#22
Acetophenone
Concen: 77.680 ng
RT: 8.546 min Scan# 928
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:105 Resp: 1977578

Ion	Ratio	Lower	Upper
105	100		
71	4.0	1.7	2.5#
51	21.2	16.9	25.3
120	23.3	18.6	28.0



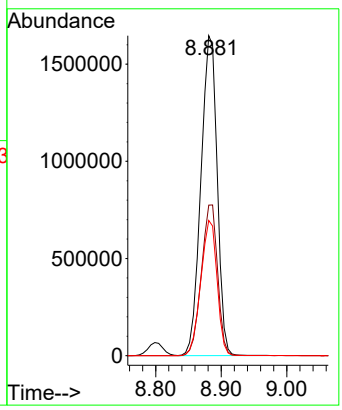


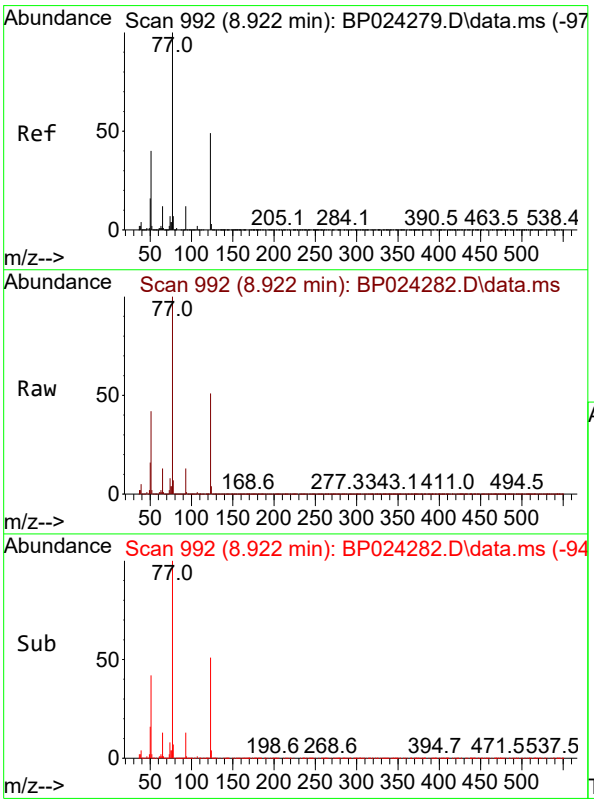
#23
Nitrobenzene-d5
Concen: 158.236 ng
RT: 8.881 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 2847003

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.5	54.7
54	42.3	33.4	50.2

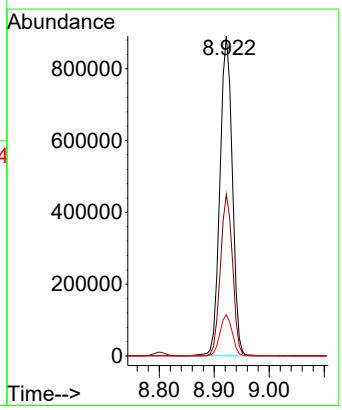


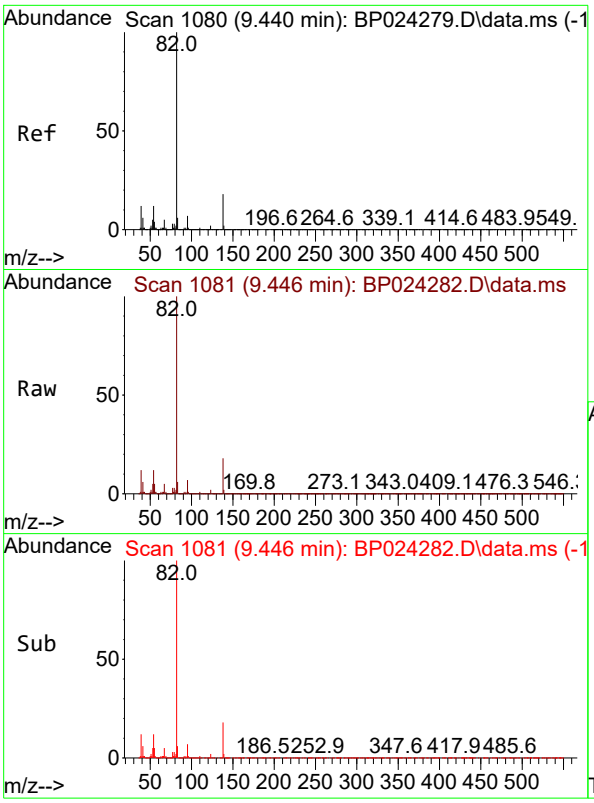


#24
Nitrobenzene
Concen: 78.066 ng
RT: 8.922 min Scan# 992
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion: 77 Resp: 1392093

Ion	Ratio	Lower	Upper
77	100		
123	50.5	39.2	58.8
65	12.9	9.8	14.6



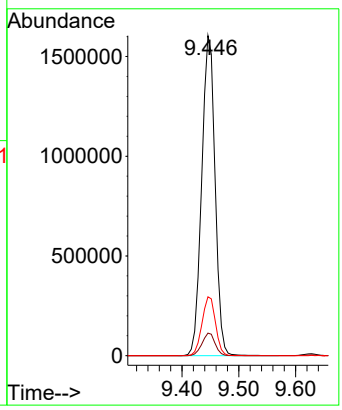


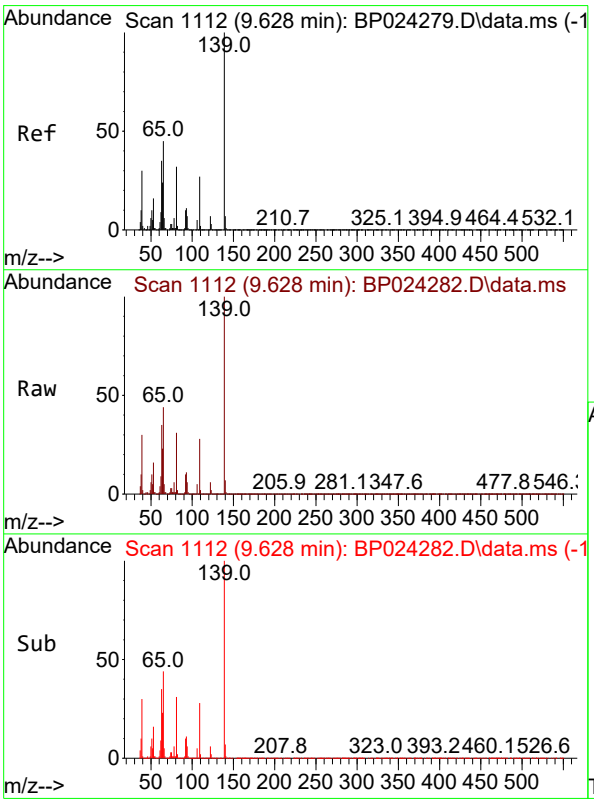
#25
Isophorone
Concen: 80.596 ng
RT: 9.446 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 2617853

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.4	8.2
138	18.4	14.4	21.6

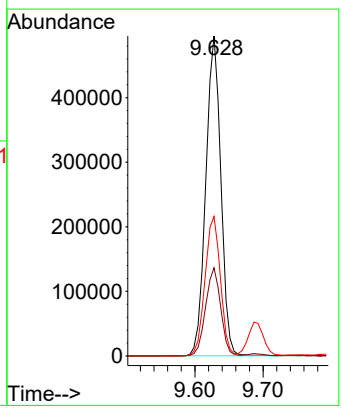


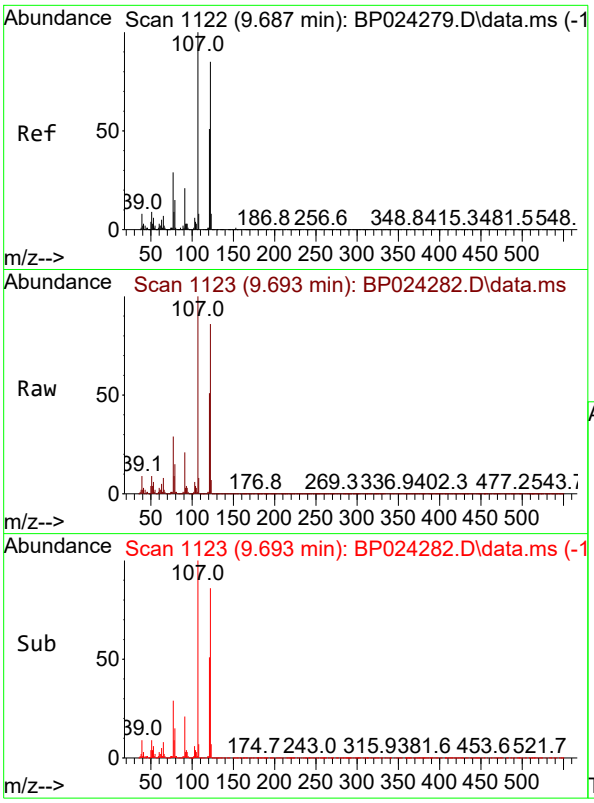


#26
2-Nitrophenol
Concen: 88.768 ng
RT: 9.628 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:139 Resp: 760077

Ion	Ratio	Lower	Upper
139	100		
109	27.5	21.8	32.6
65	43.6	36.2	54.2



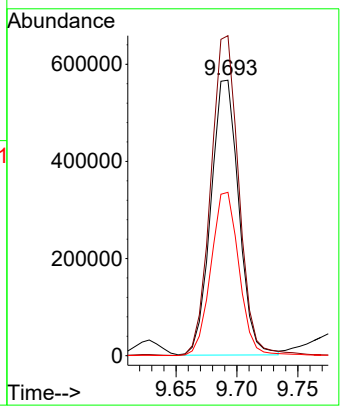


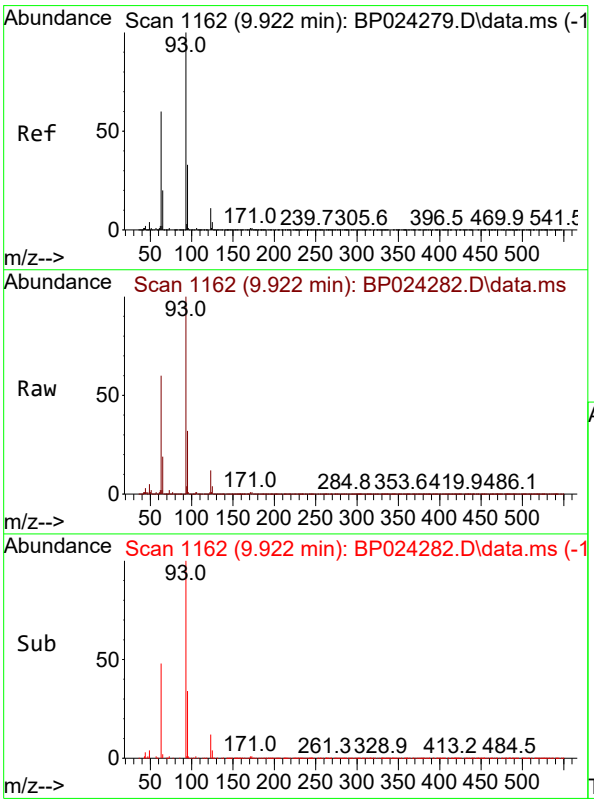
#27
2,4-Dimethylphenol
Concen: 83.475 ng
RT: 9.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 905891

Ion	Ratio	Lower	Upper
122	100		
107	116.1	93.7	140.5
121	59.3	48.2	72.2

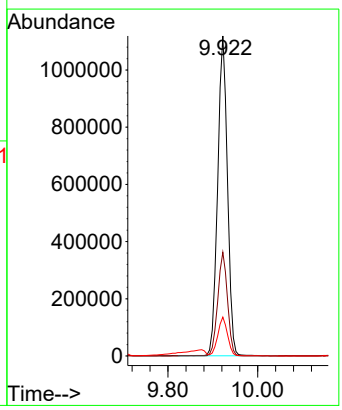


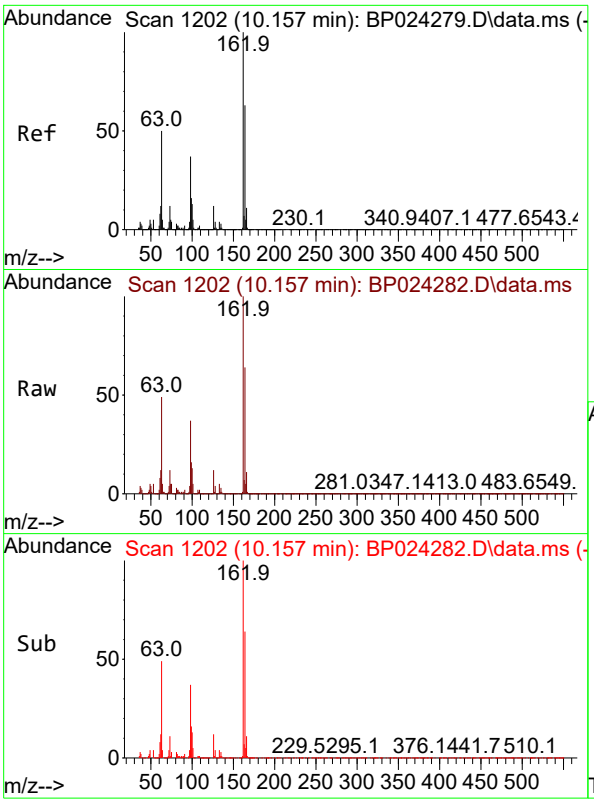


#28
bis(2-Chloroethoxy)methane
Concen: 76.434 ng
RT: 9.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion: 93 Resp: 1689686

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.0	39.0
123	12.2	9.1	13.7



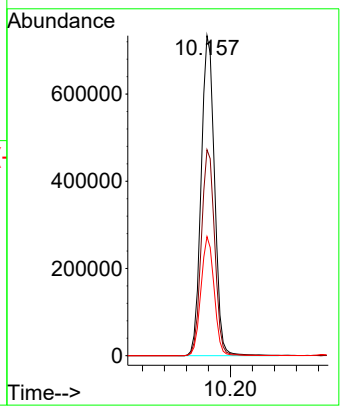


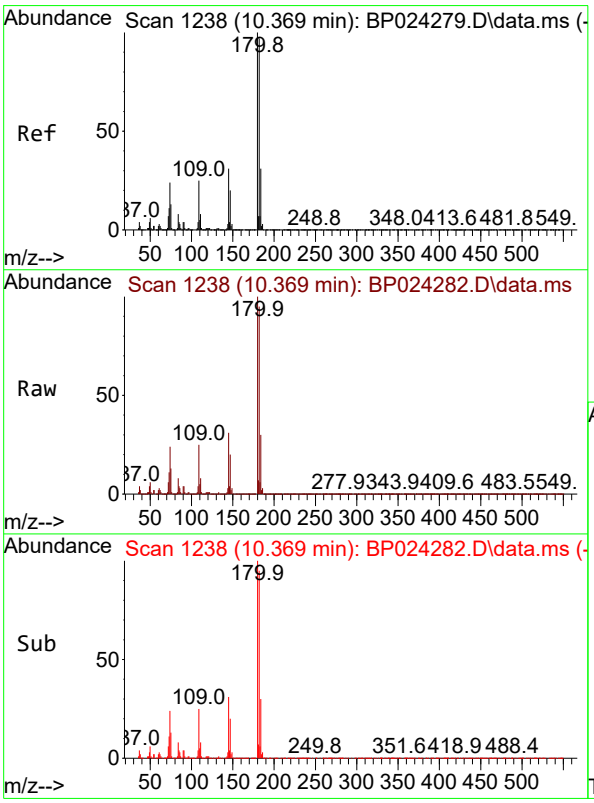
#29
2,4-Dichlorophenol
Concen: 83.719 ng
RT: 10.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 1238253

Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.3	83.3
98	37.2	16.6	56.6

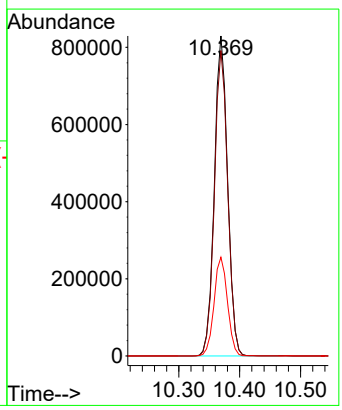


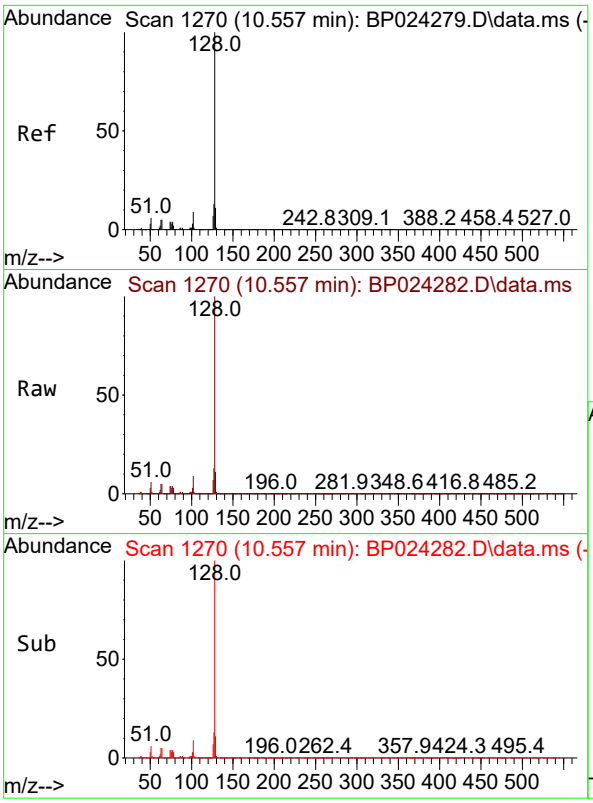


#30
1,2,4-Trichlorobenzene
Concen: 78.272 ng
RT: 10.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:180 Resp: 1252476

Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.3	115.9
145	30.9	25.1	37.7



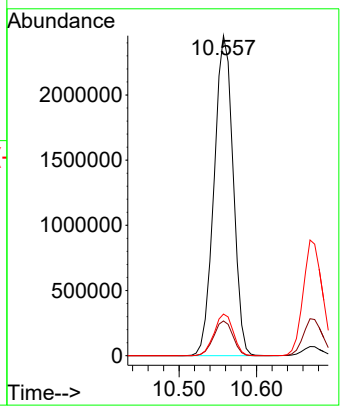


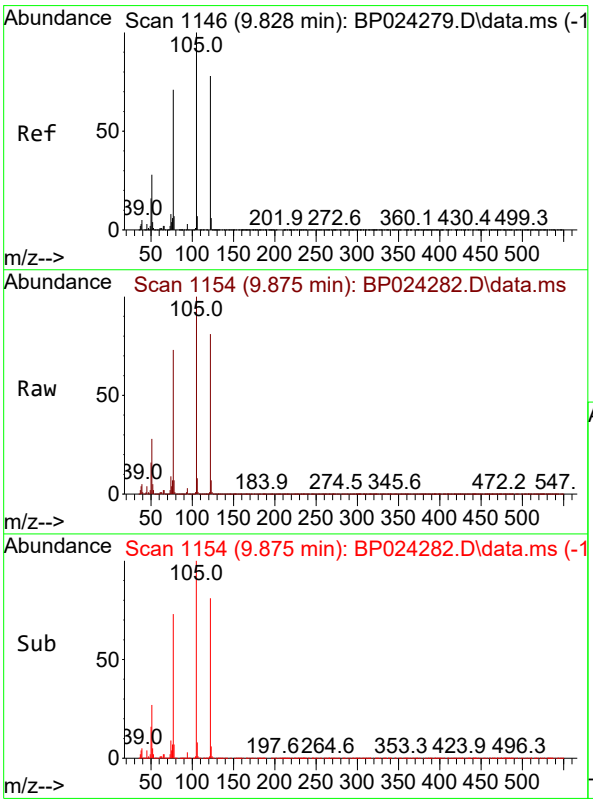
#31
Naphthalene
Concen: 77.287 ng
RT: 10.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:128 Resp: 4190486

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.0	10.3	15.5

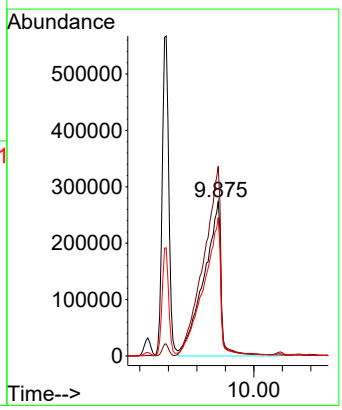


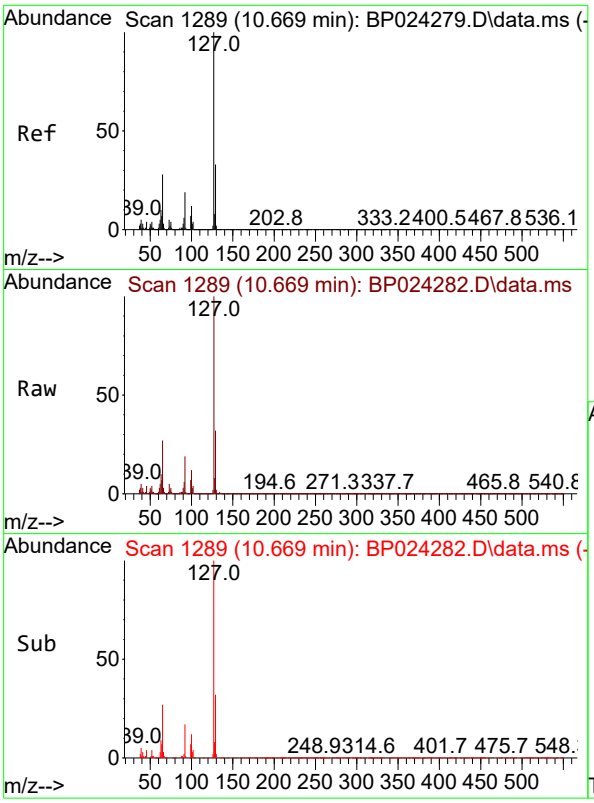


#32
Benzoic acid
Concen: 98.425 ng m
RT: 9.875 min Scan# 1154
Delta R.T. 0.047 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:122 Resp: 1154243

Ion	Ratio	Lower	Upper
122	100		
105	122.9	104.8	144.8
77	89.8	69.2	109.2



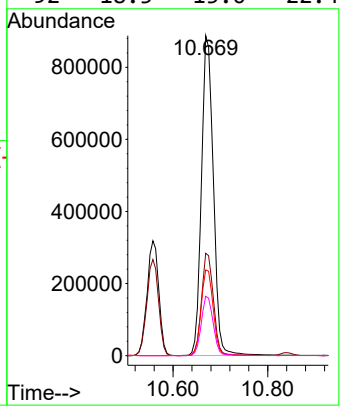


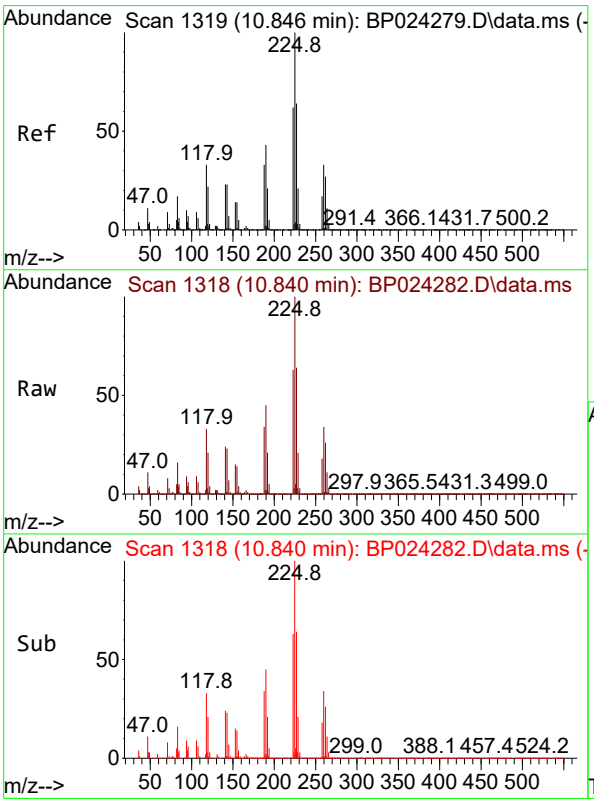
#33
4-Chloroaniline
Concen: 81.682 ng
RT: 10.669 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:127 Resp: 1547427

Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	26.8	22.1	33.1
92	18.5	15.0	22.4

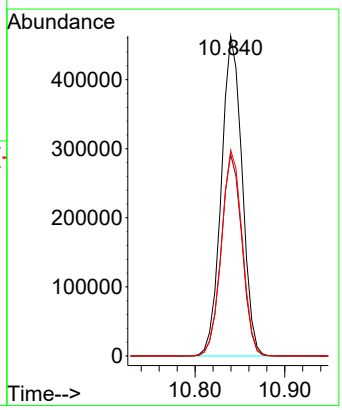


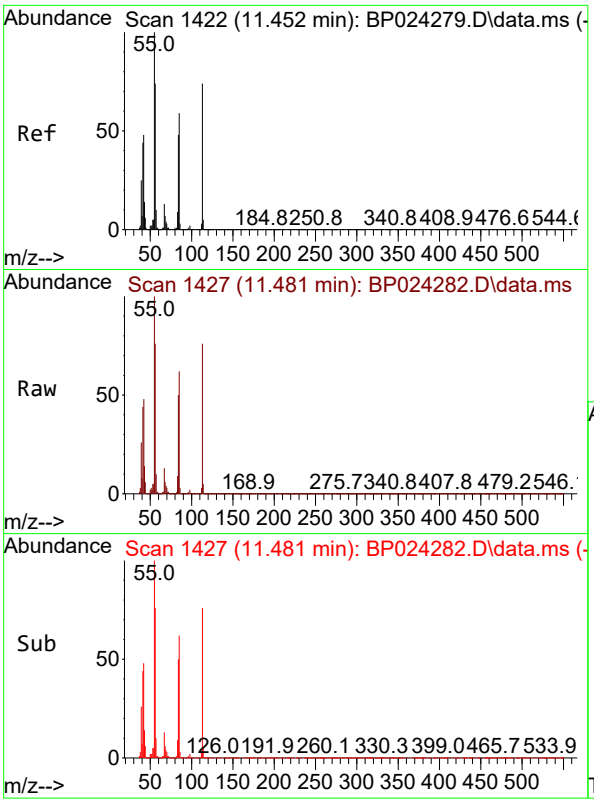


#34
Hexachlorobutadiene
Concen: 79.240 ng
RT: 10.840 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:225 Resp: 743811

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.5	74.3
227	64.3	50.9	76.3



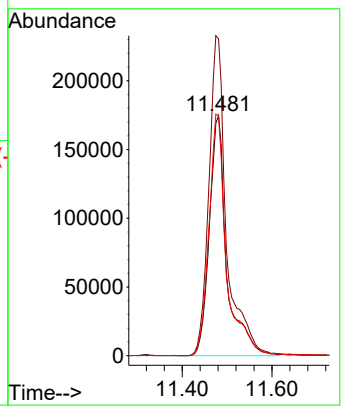


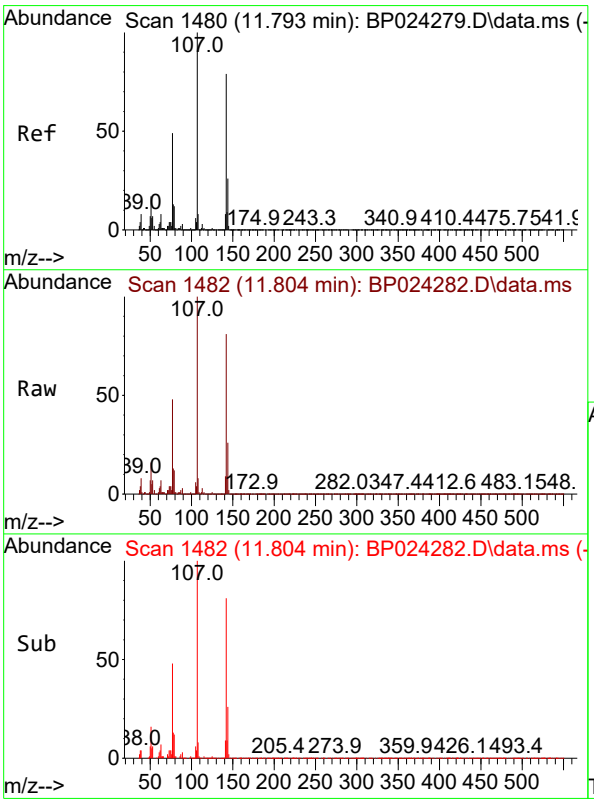
#35
Caprolactam
Concen: 86.534 ng
RT: 11.481 min Scan# 14
Delta R.T. 0.029 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:113 Resp: 469910

Ion	Ratio	Lower	Upper
113	100		
55	131.9	115.9	155.9
56	99.8	81.1	121.1

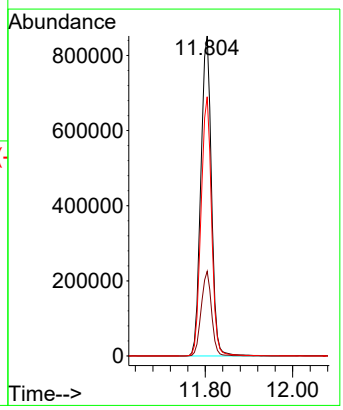


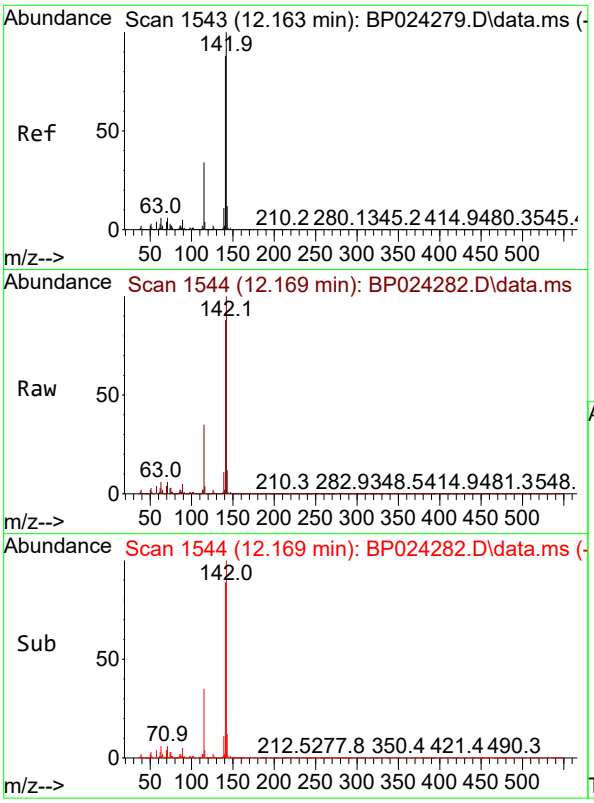


#36
4-Chloro-3-methylphenol
Concen: 83.468 ng
RT: 11.804 min Scan# 1482
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:107 Resp: 1438601

Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.5	30.7
142	81.0	63.4	95.2



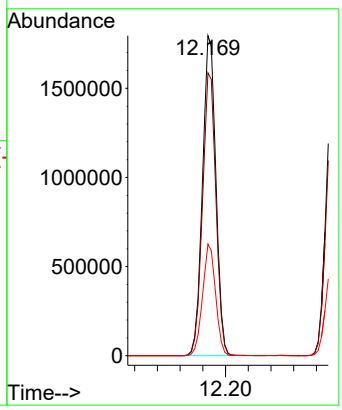


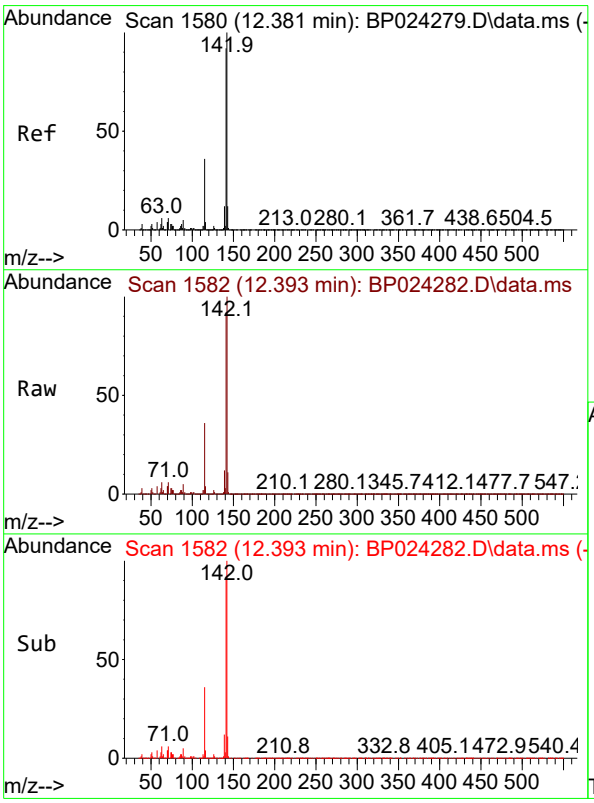
#37
2-Methylnaphthalene
Concen: 77.673 ng
RT: 12.169 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 2918685

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.3	105.5
115	34.9	26.9	40.3

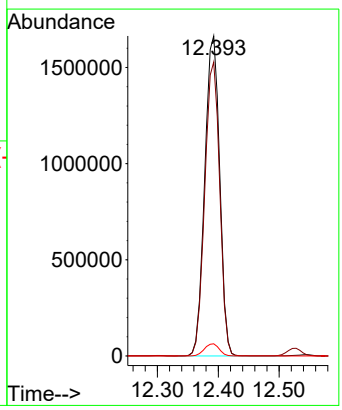


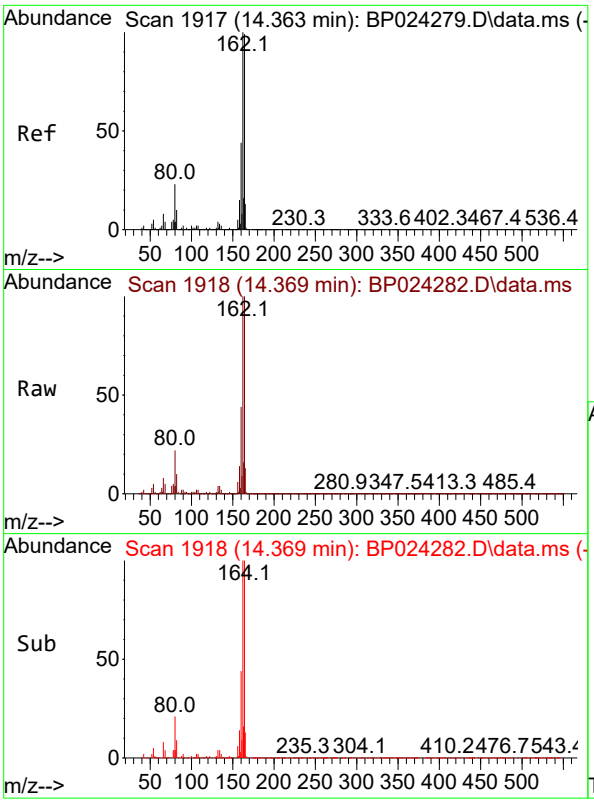


#38
1-Methylnaphthalene
Concen: 76.912 ng
RT: 12.393 min Scan# 1582
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:142 Resp: 2831173

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.6	110.4
116	3.8	3.0	4.6



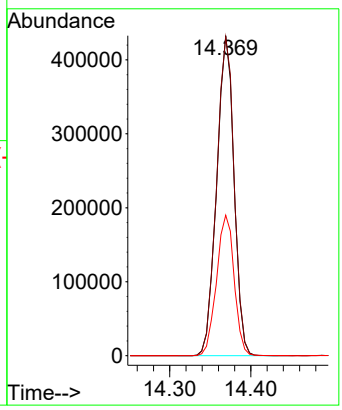


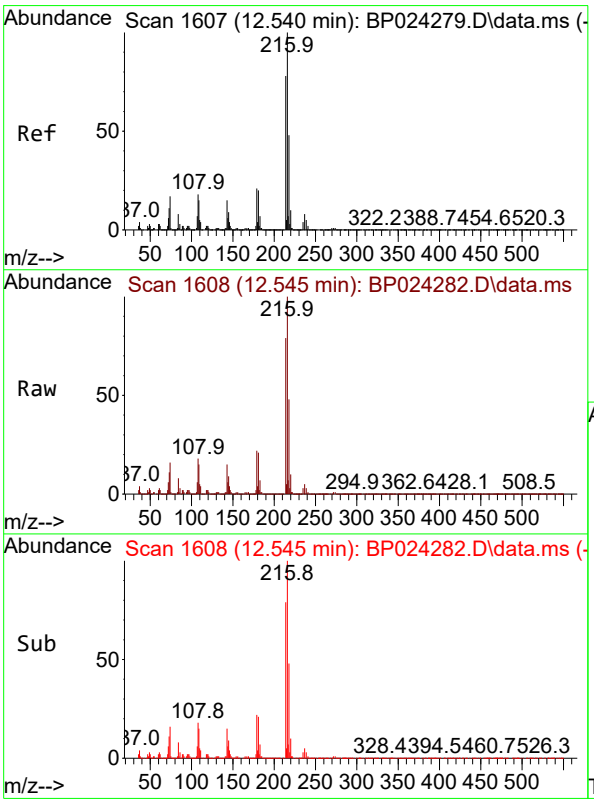
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:164 Resp: 641442

Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.6	120.8
160	43.9	35.3	52.9

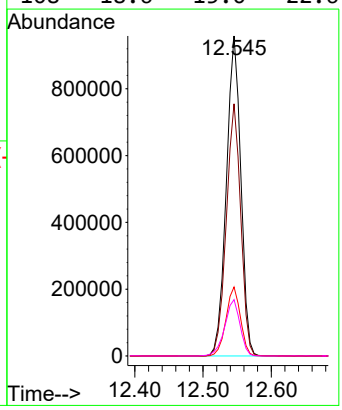


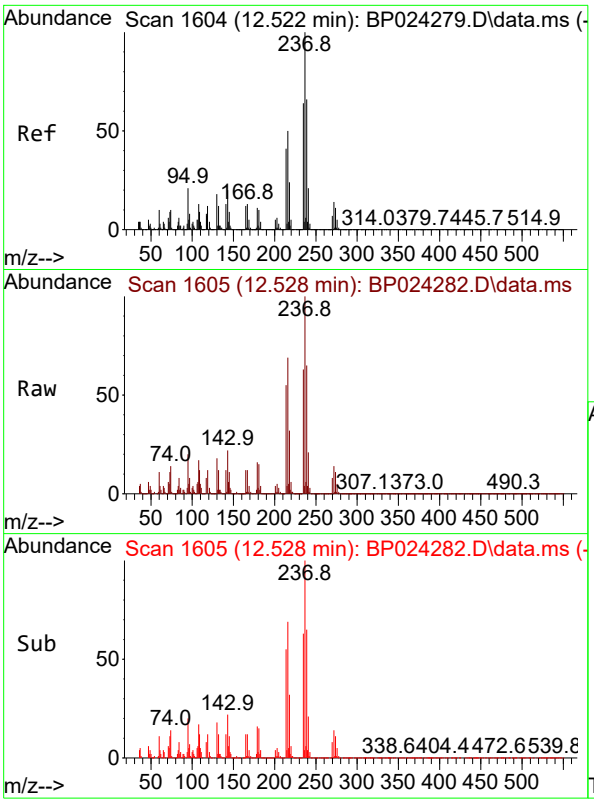


#40
1,2,4,5-Tetrachlorobenzene
Concen: 80.378 ng
RT: 12.545 min Scan# 1608
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:216 Resp: 1416894

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.6	93.8
179	21.5	17.2	25.8
108	18.6	15.0	22.6



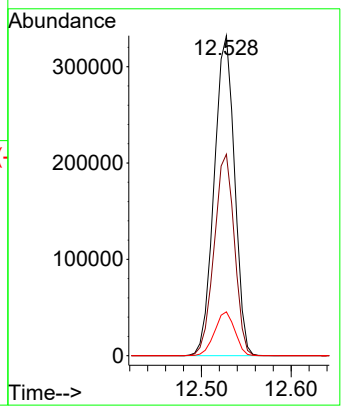


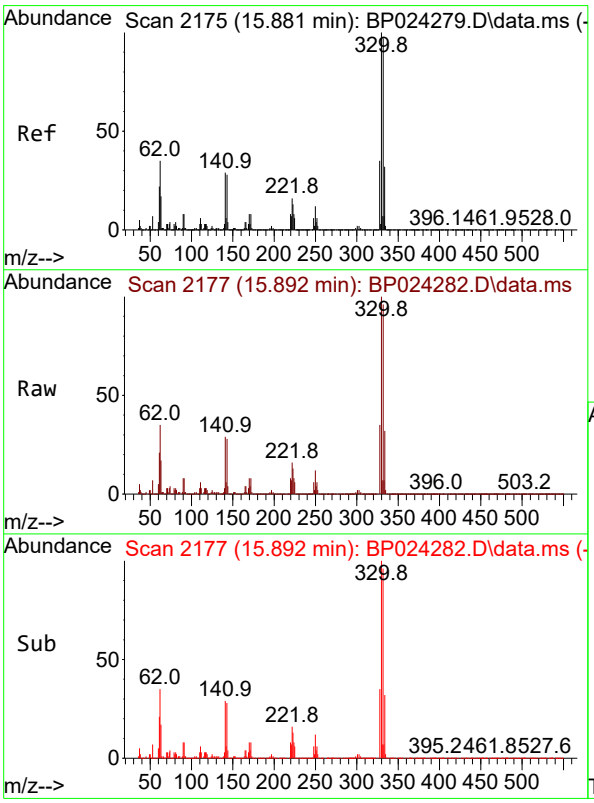
#41
Hexachlorocyclopentadiene
Concen: 84.532 ng
RT: 12.528 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:237 Resp: 523136

Ion	Ratio	Lower	Upper
237	100		
235	62.9	43.9	83.9
272	13.7	0.0	33.6

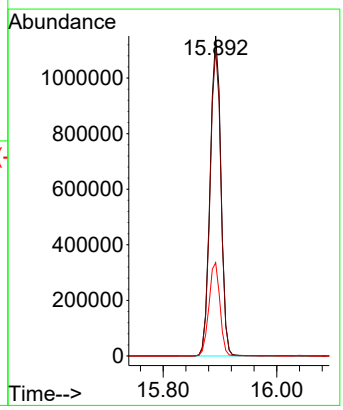


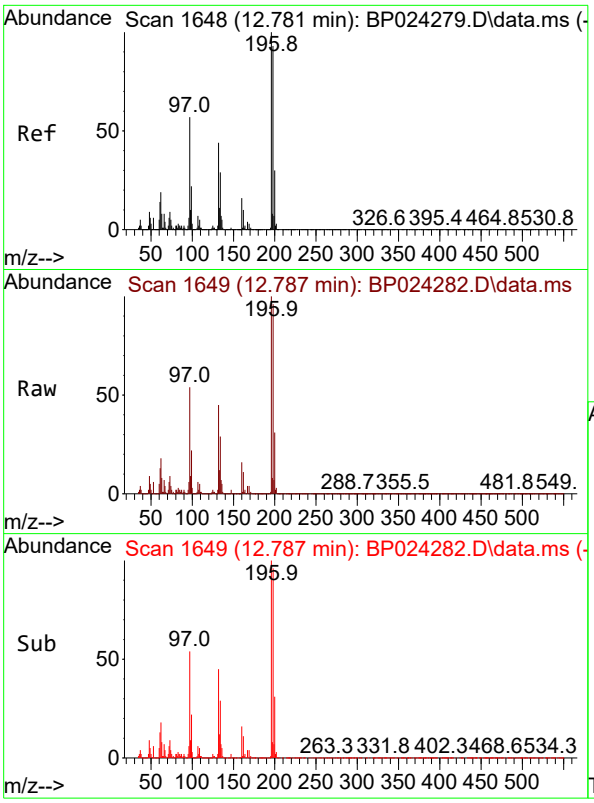


#42
2,4,6-Tribromophenol
Concen: 171.633 ng
RT: 15.892 min Scan# 2177
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:330 Resp: 1507534

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	29.7	24.7	37.1



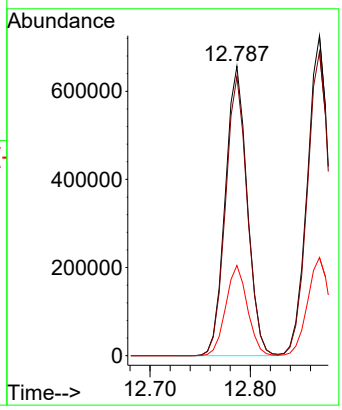


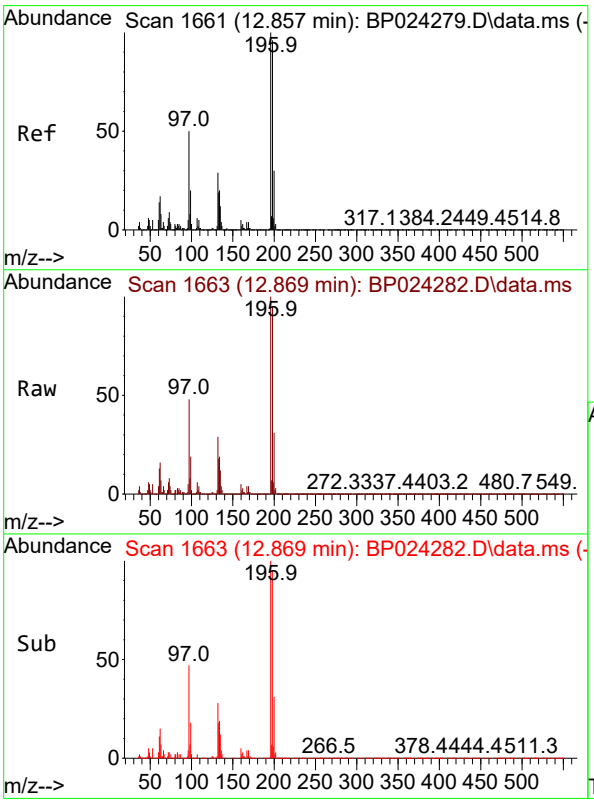
#43
2,4,6-Trichlorophenol
Concen: 86.244 ng
RT: 12.787 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 1000309

Ion	Ratio	Lower	Upper
196	100		
198	96.5	74.3	111.5
200	31.2	24.0	36.0

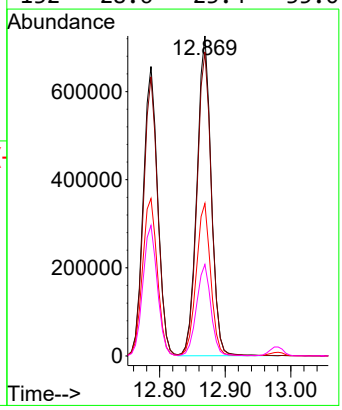


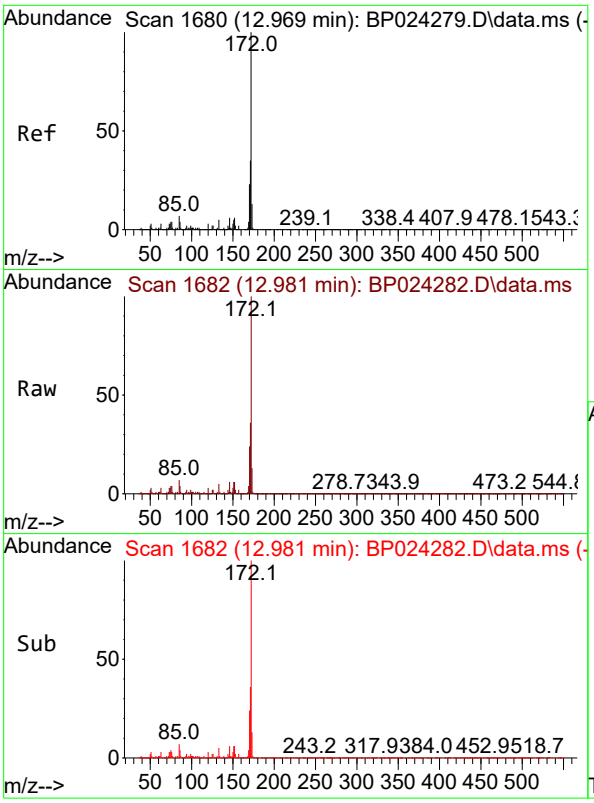


#44
2,4,5-Trichlorophenol
Concen: 85.819 ng
RT: 12.869 min Scan# 1663
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:196 Resp: 1103073

Ion	Ratio	Lower	Upper
196	100		
198	95.0	77.3	115.9
97	47.7	40.4	60.6
132	28.6	23.4	35.0



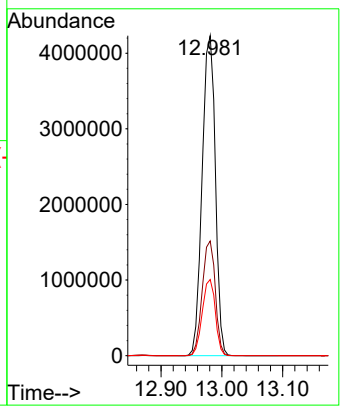


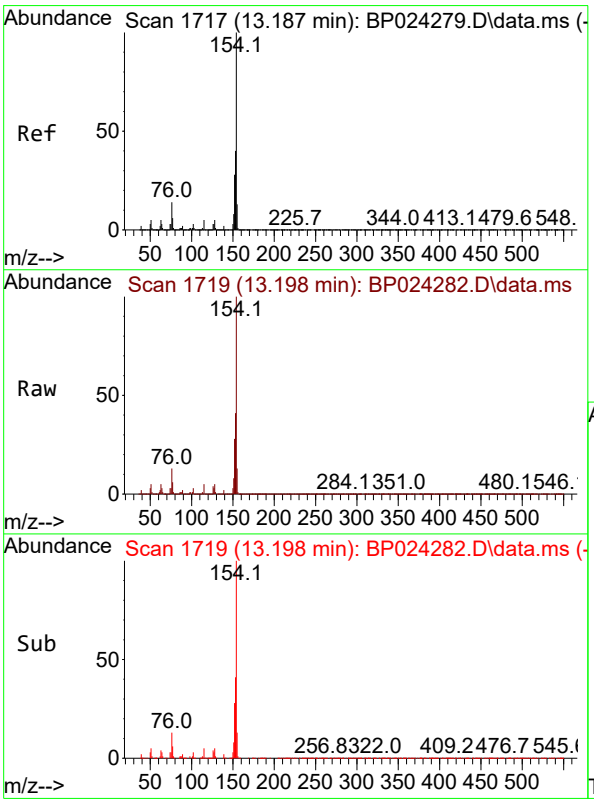
#45
2-Fluorobiphenyl
Concen: 150.596 ng
RT: 12.981 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:172 Resp: 6362479

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.2
170	23.8	18.6	27.8

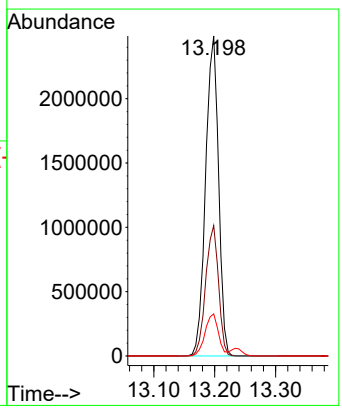


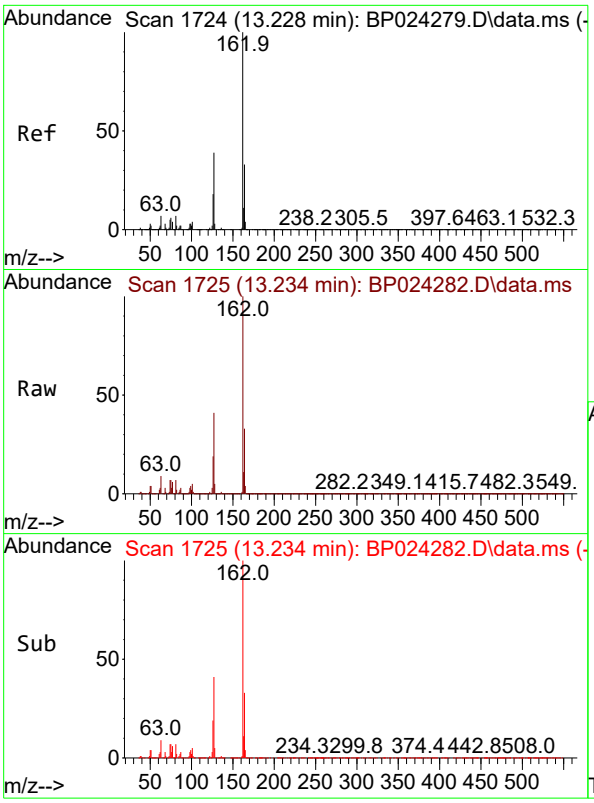


#46
1,1'-Biphenyl
Concen: 77.381 ng
RT: 13.198 min Scan# 1719
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:154 Resp: 3665607

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.3	60.3
76	13.2	0.0	33.5



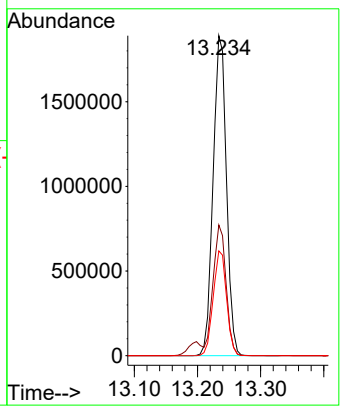


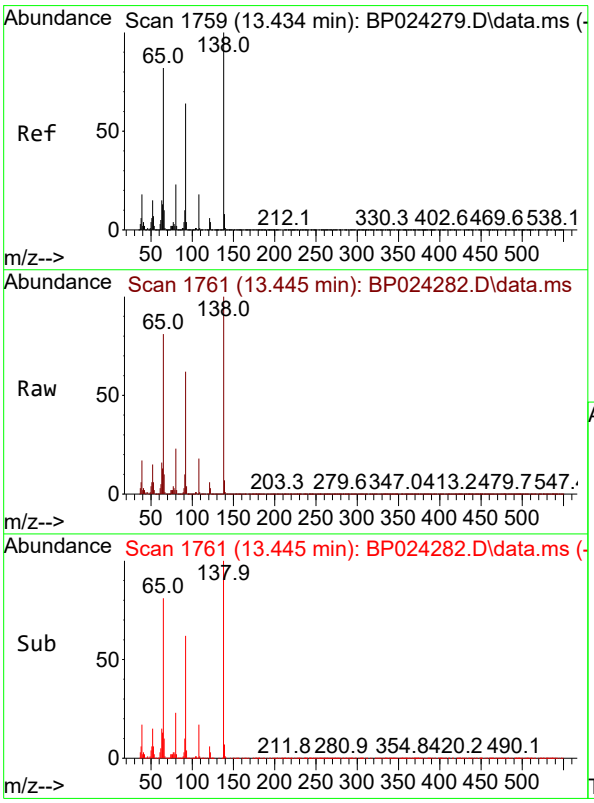
#47
2-Chloronaphthalene
Concen: 78.257 ng
RT: 13.234 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 2766302

Ion	Ratio	Lower	Upper
162	100		
127	40.9	31.9	47.9
164	32.8	26.2	39.4

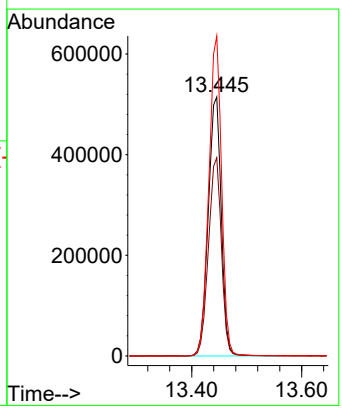


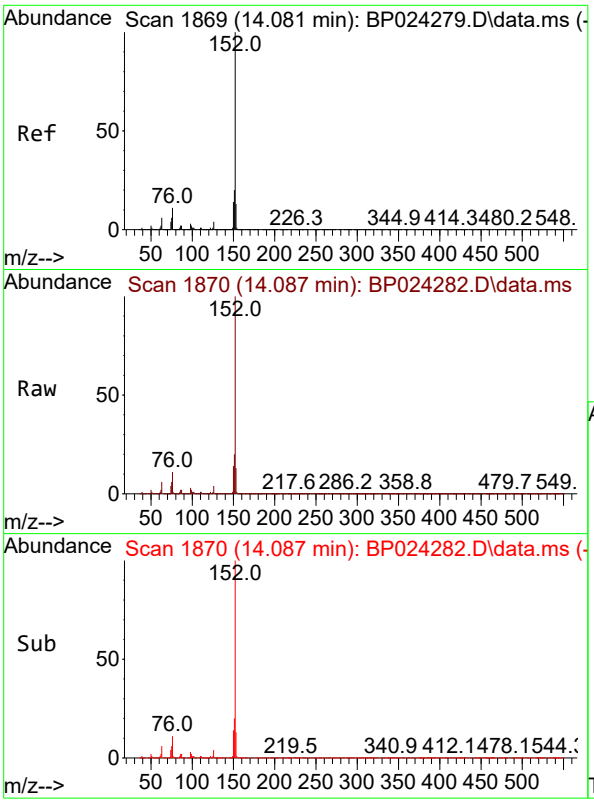


#48
2-Nitroaniline
Concen: 86.912 ng
RT: 13.445 min Scan# 1761
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion: 65 Resp: 848619

Ion	Ratio	Lower	Upper
65	100		
92	76.5	62.3	93.5
138	123.5	97.2	145.8



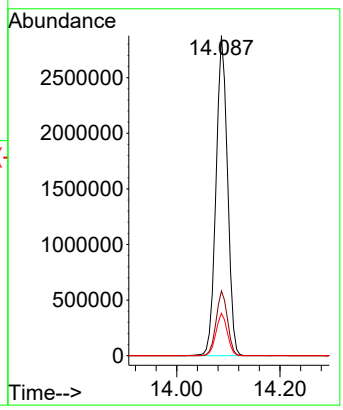


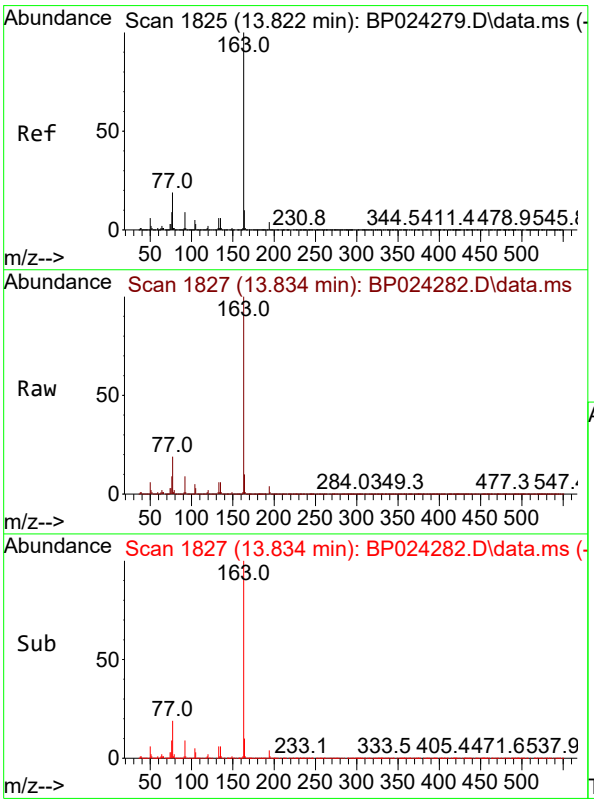
#49
Acenaphthylene
Concen: 80.004 ng
RT: 14.087 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 4438648

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	13.2	10.6	15.8

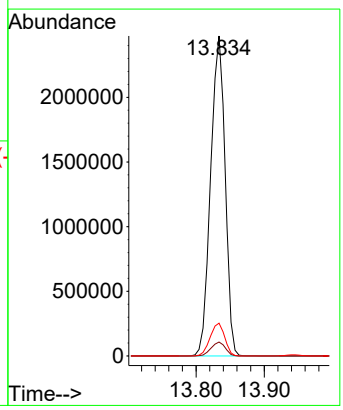


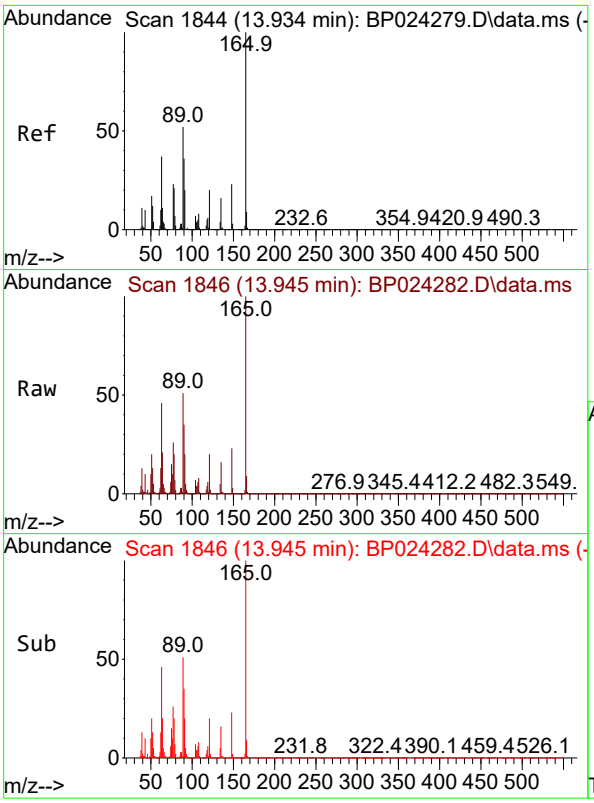


#50
Dimethylphthalate
Concen: 78.201 ng
RT: 13.834 min Scan# 1827
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:163 Resp: 3659579

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.3	8.0	12.0



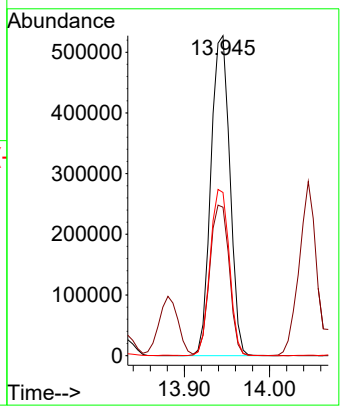


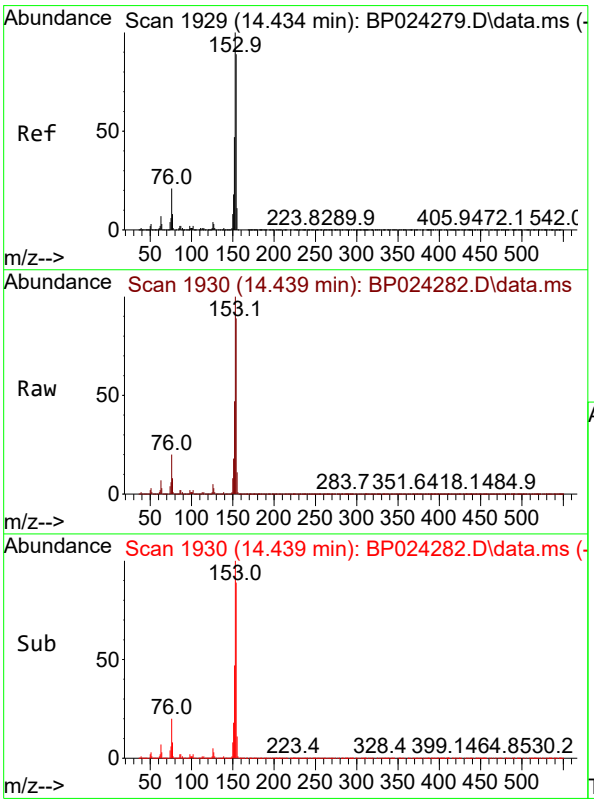
#51
2,6-Dinitrotoluene
Concen: 82.589 ng
RT: 13.945 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 814314

Ion	Ratio	Lower	Upper
165	100		
63	46.4	38.0	57.0
89	51.0	41.7	62.5

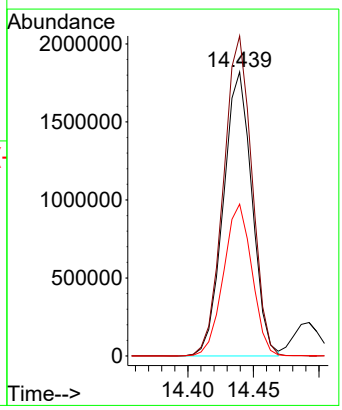


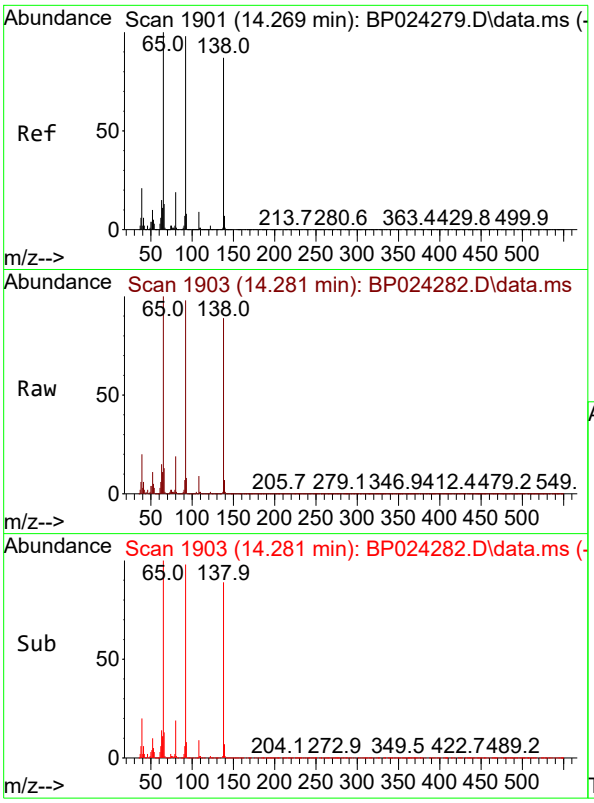


#52
Acenaphthene
Concen: 78.270 ng
RT: 14.439 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:154 Resp: 2761536

Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.8	134.6
152	53.5	42.6	63.8



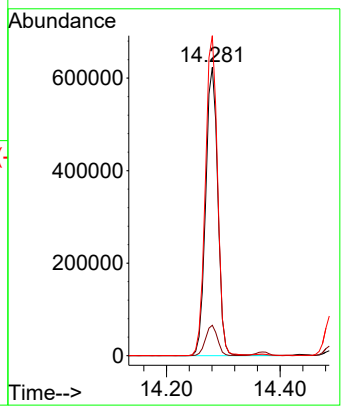


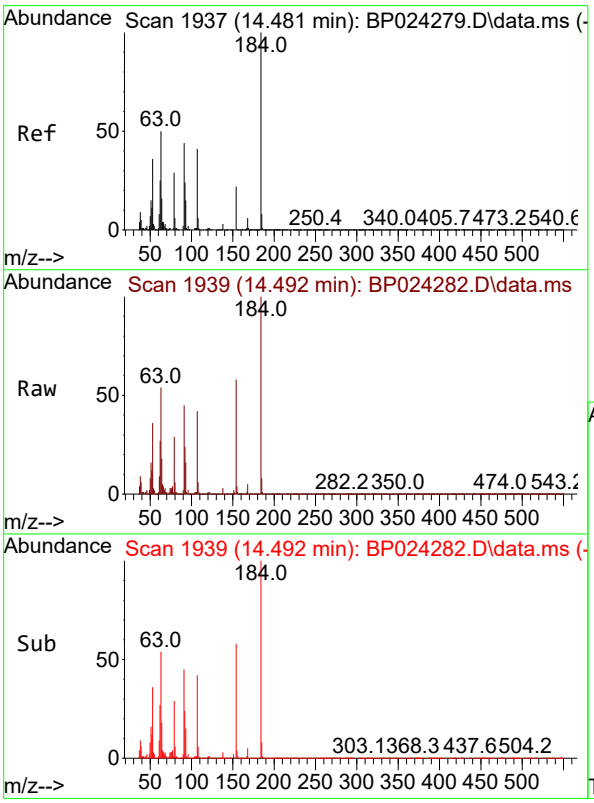
#53
3-Nitroaniline
Concen: 89.913 ng
RT: 14.281 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 919775

Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.3	12.5
92	111.0	89.8	134.8

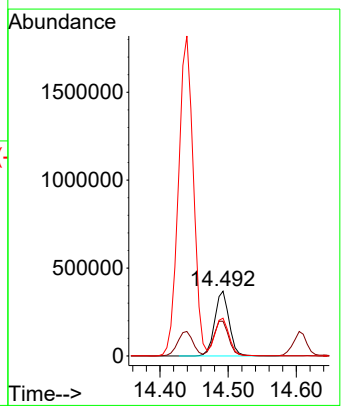


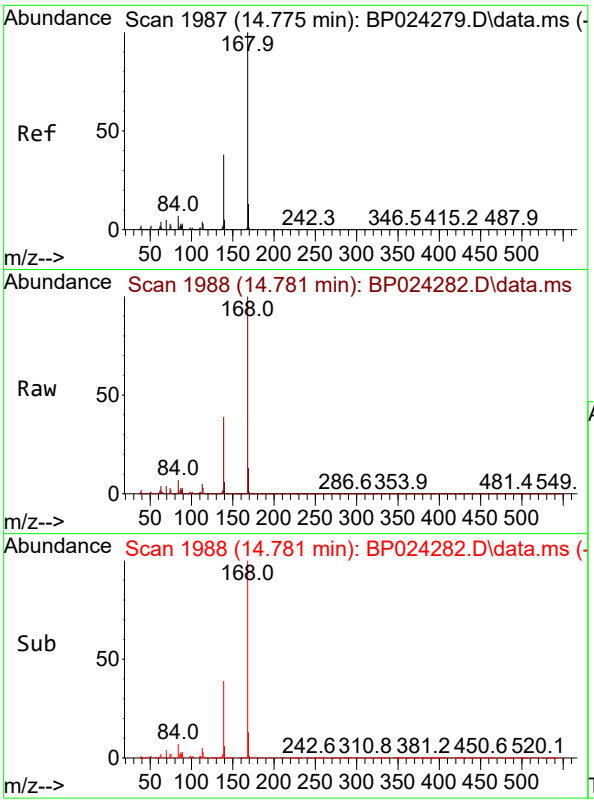


#54
2,4-Dinitrophenol
Concen: 102.567 ng
RT: 14.492 min Scan# 1939
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:184 Resp: 541483

Ion	Ratio	Lower	Upper
184	100		
63	53.6	42.6	64.0
154	58.2	47.2	70.8



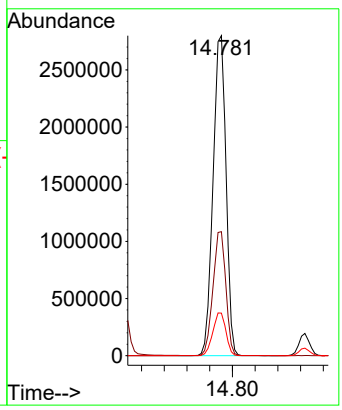


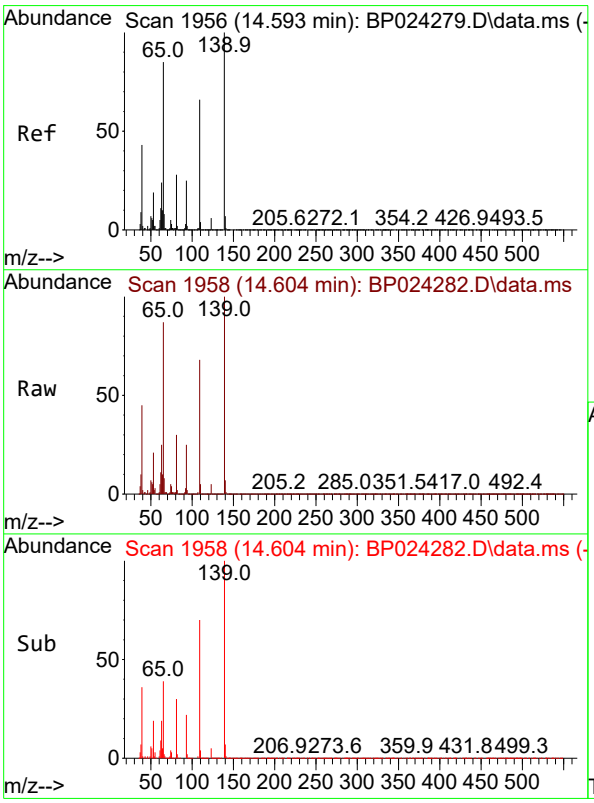
#55
Dibenzofuran
Concen: 76.402 ng
RT: 14.781 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:168 Resp: 4420987

Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.3	45.5
169	13.3	10.6	16.0

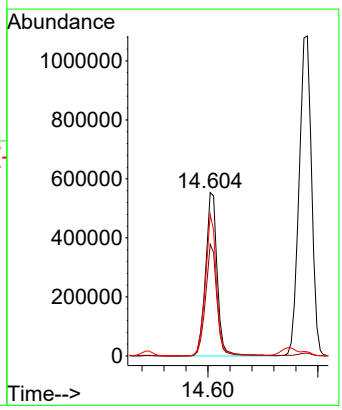


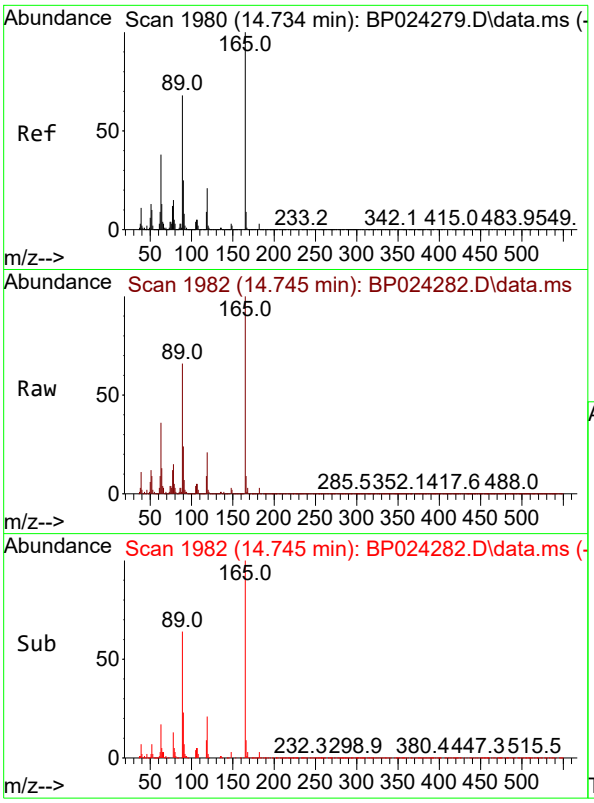


#56
4-Nitrophenol
Concen: 92.599 ng
RT: 14.604 min Scan# 1958
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:139 Resp: 814261

Ion	Ratio	Lower	Upper
139	100		
109	68.4	46.1	86.1
65	86.6	65.0	105.0



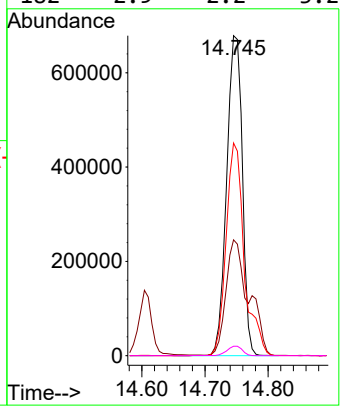


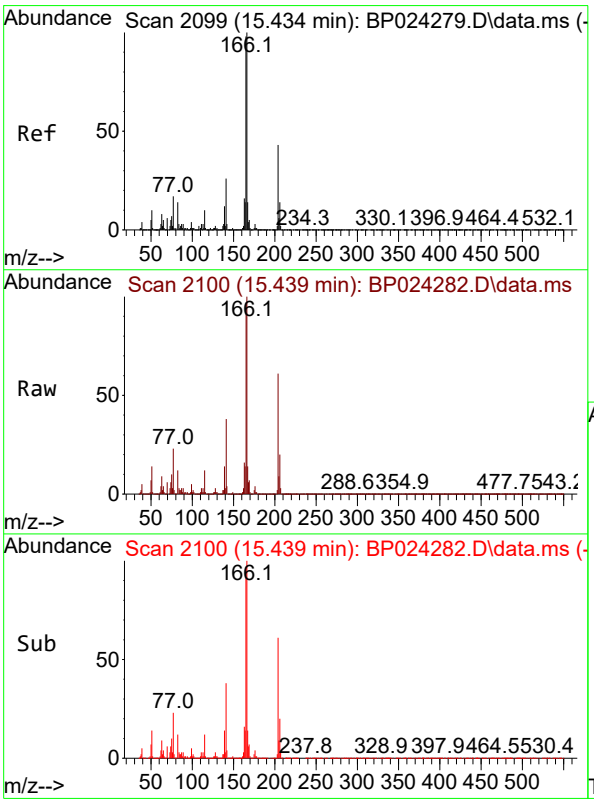
#57
2,4-Dinitrotoluene
Concen: 87.755 ng
RT: 14.745 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 1169554

Ion	Ratio	Lower	Upper
165	100		
63	36.2	30.4	45.6
89	66.4	54.6	82.0
182	2.9	2.2	3.2

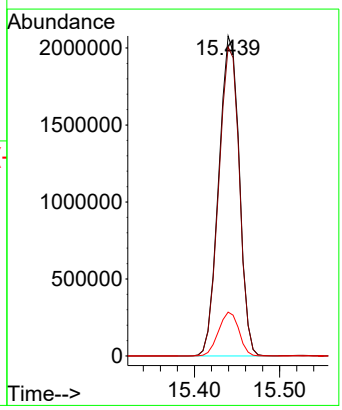


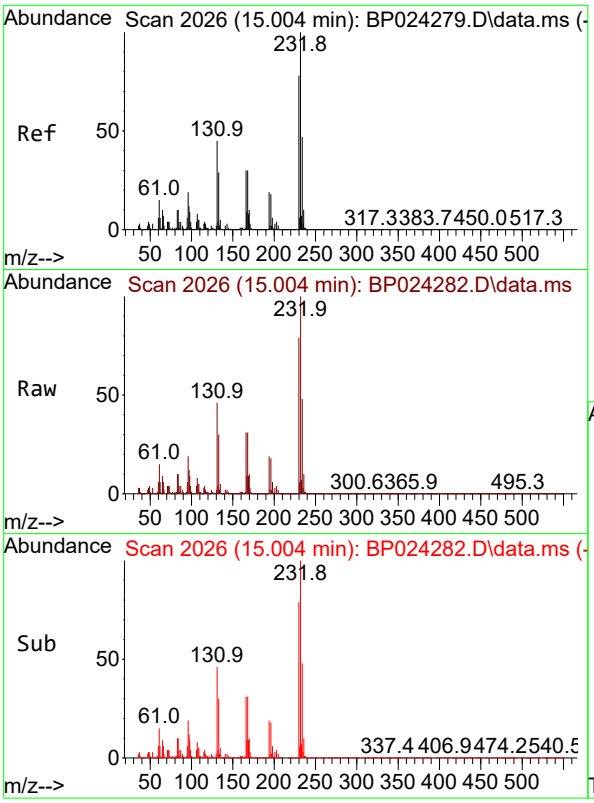


#58
Fluorene
Concen: 77.873 ng
RT: 15.439 min Scan# 2100
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:166 Resp: 3479094

Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.1	117.1
167	13.7	10.9	16.3



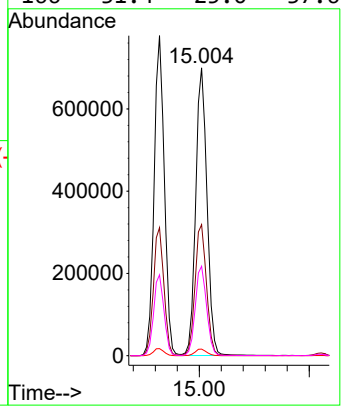


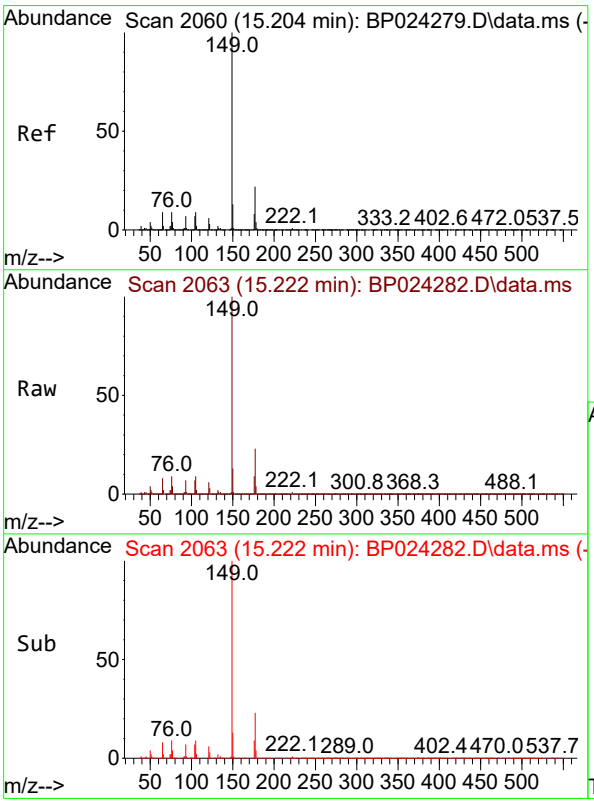
#59
2,3,4,6-Tetrachlorophenol
Concen: 84.031 ng
RT: 15.004 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:232 Resp: 999335

Ion	Ratio	Lower	Upper
232	100		
131	46.1	36.8	55.2
130	2.4	1.9	2.9
166	31.4	25.0	37.6

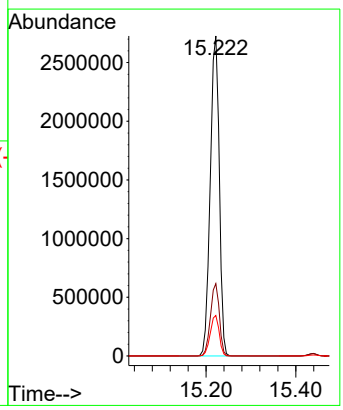


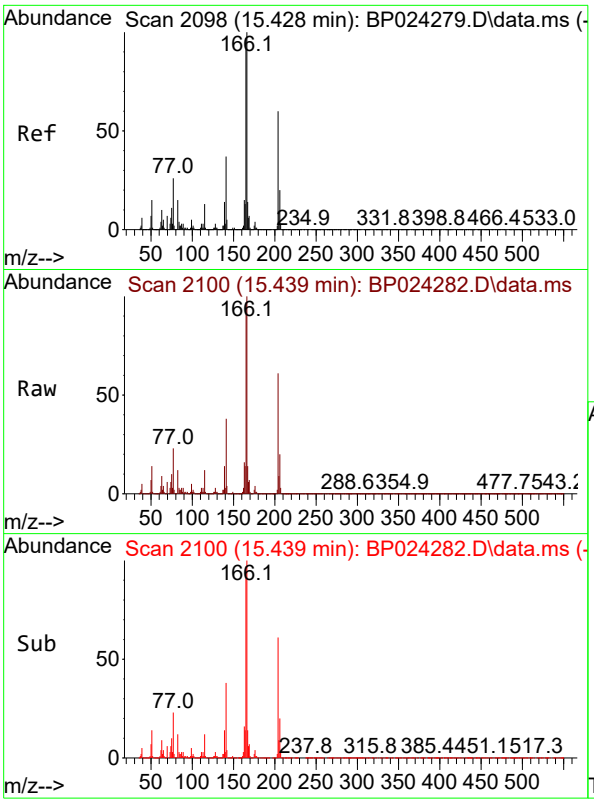


#60
Diethylphthalate
Concen: 78.910 ng
RT: 15.222 min Scan# 2063
Delta R.T. 0.018 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:149 Resp: 3800651

Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.4	26.2
150	12.6	10.1	15.1



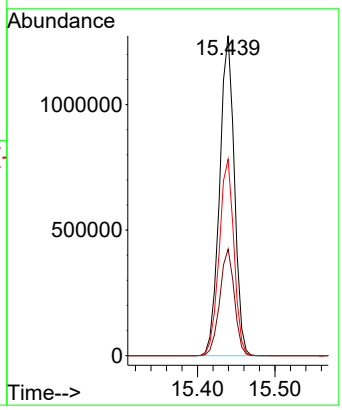


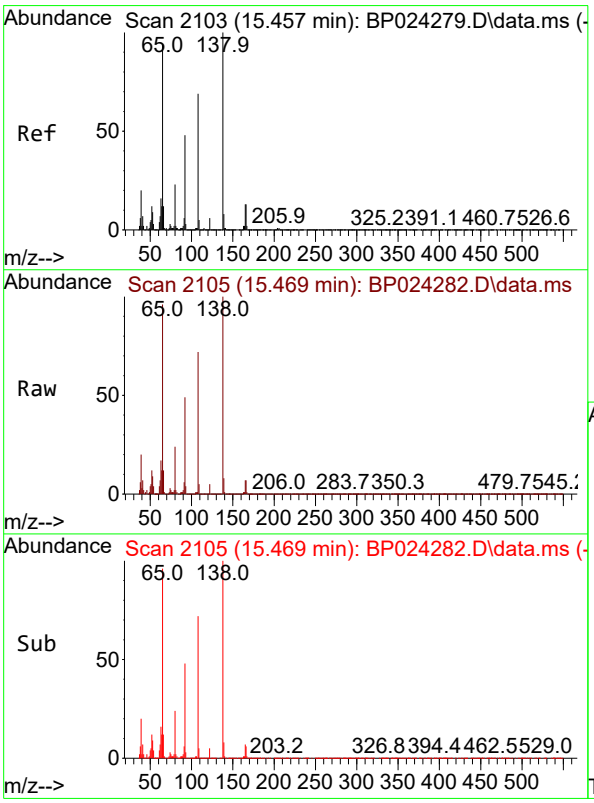
#61
4-Chlorophenyl-phenylether
Concen: 77.881 ng
RT: 15.439 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:204 Resp: 1689620

Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	61.4	49.4	74.0

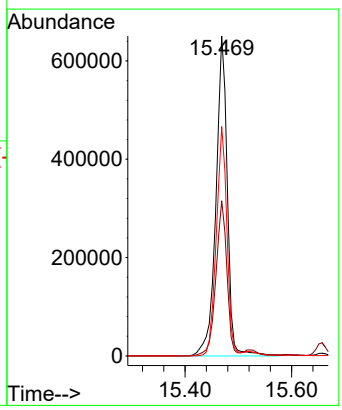


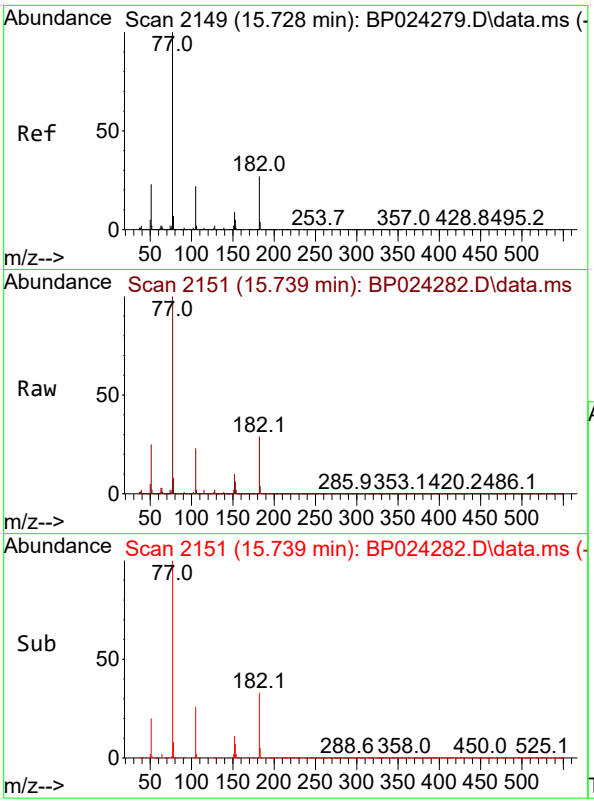


#62
4-Nitroaniline
Concen: 89.063 ng
RT: 15.469 min Scan# 2105
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:138 Resp: 965926

Ion	Ratio	Lower	Upper
138	100		
92	48.5	27.8	67.8
108	71.7	48.9	88.9



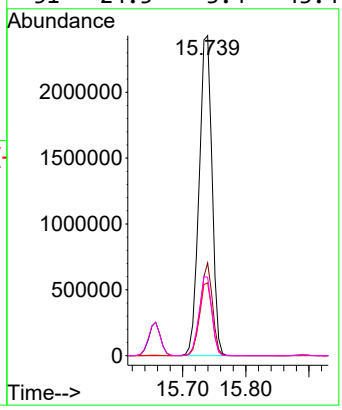


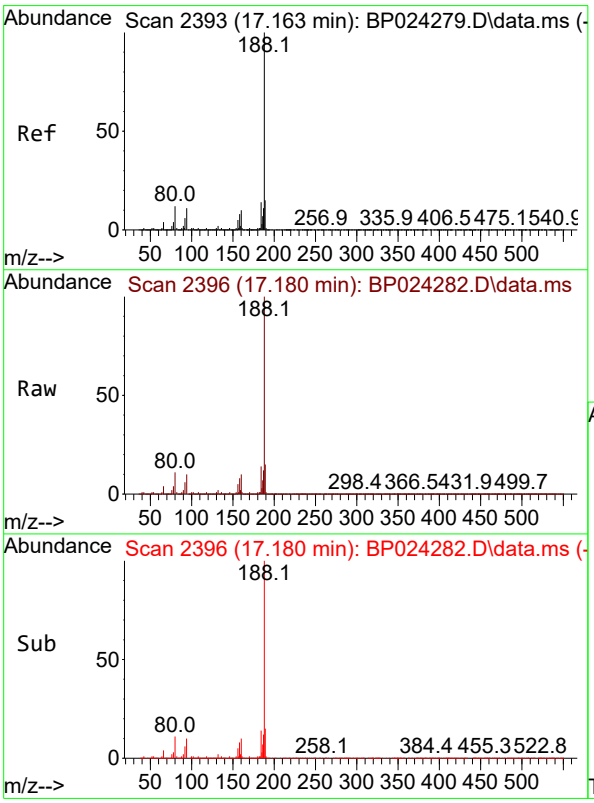
#63
Azobenzene
Concen: 77.741 ng
RT: 15.739 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 3448680

Ion	Ratio	Lower	Upper
77	100		
182	29.0	7.3	47.3
105	22.7	2.3	42.3
51	24.5	3.4	43.4

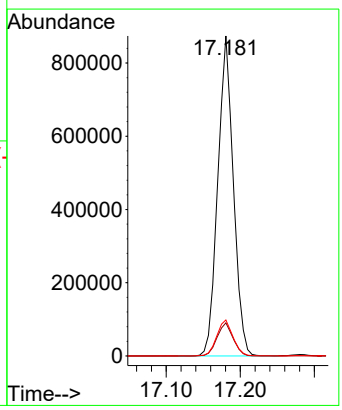


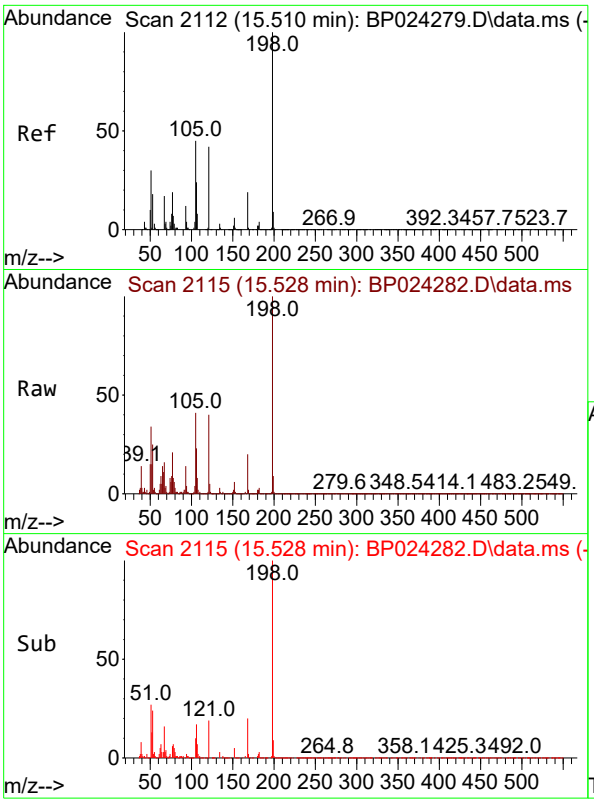


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.180 min Scan# 2396
Delta R.T. 0.018 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:188 Resp: 1279313

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.6	13.0
80	11.2	9.8	14.6



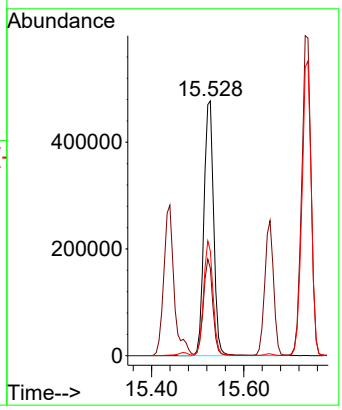


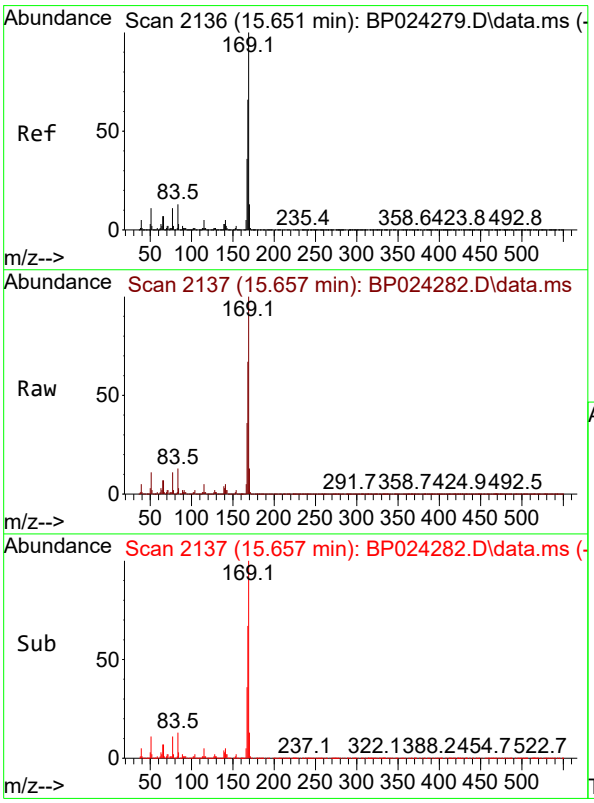
#65
4,6-Dinitro-2-methylphenol
Concen: 94.385 ng
RT: 15.528 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 705506

Ion	Ratio	Lower	Upper
198	100		
51	34.3	18.4	58.4
105	41.0	26.5	66.5

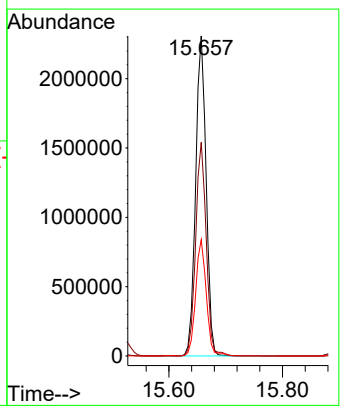


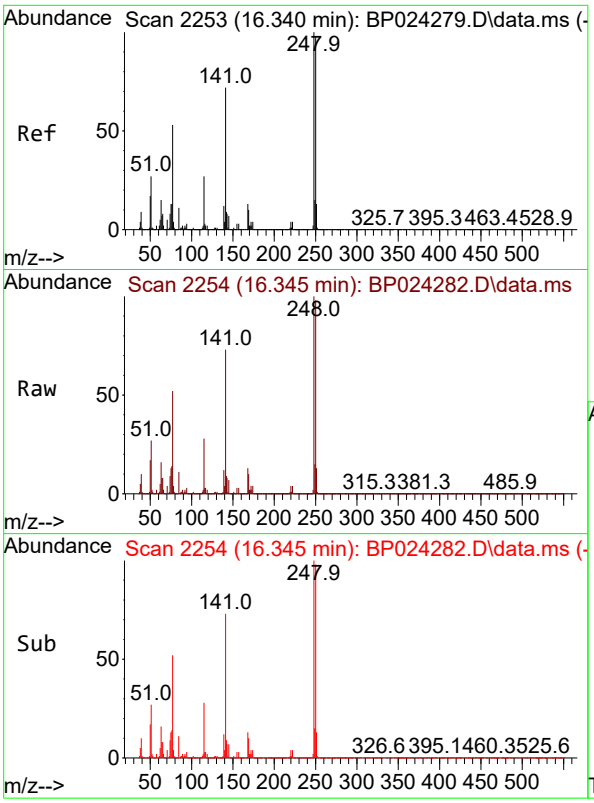


#66
n-Nitrosodiphenylamine
Concen: 77.438 ng
RT: 15.657 min Scan# 2137
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:169 Resp: 2970516

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.0	79.4
167	36.3	28.9	43.3



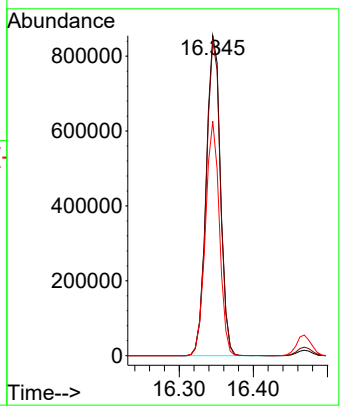


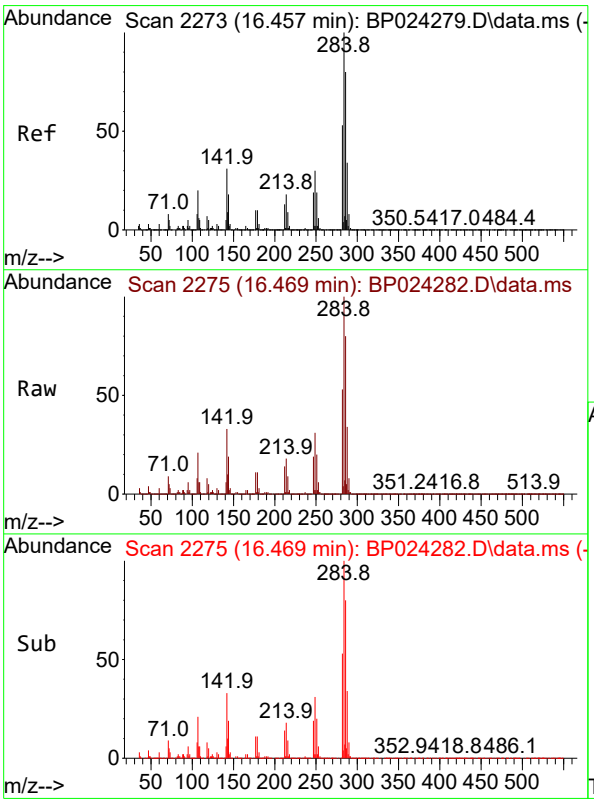
#67
4-Bromophenyl-phenylether
Concen: 81.488 ng
RT: 16.345 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:248 Resp: 1137128

Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.2	117.4
141	73.2	57.7	86.5

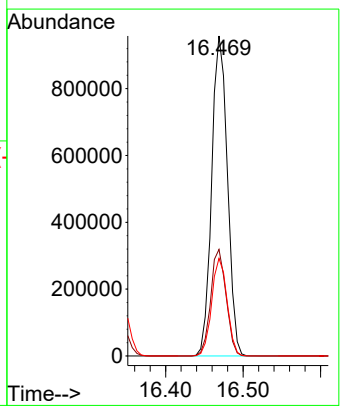


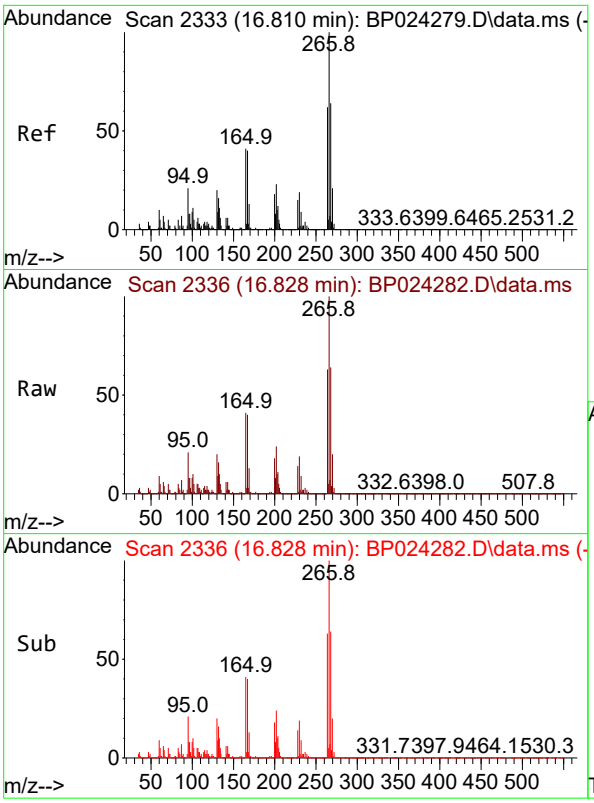


#68
Hexachlorobenzene
Concen: 81.231 ng
RT: 16.469 min Scan# 2275
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:284 Resp: 1347567

Ion	Ratio	Lower	Upper
284	100		
142	33.3	24.6	37.0
249	30.5	23.8	35.6



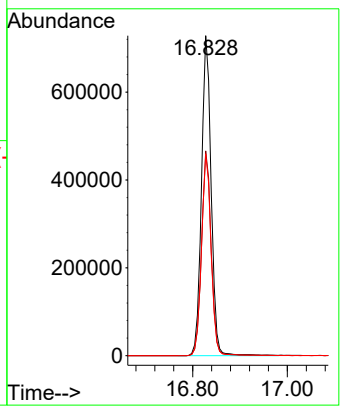


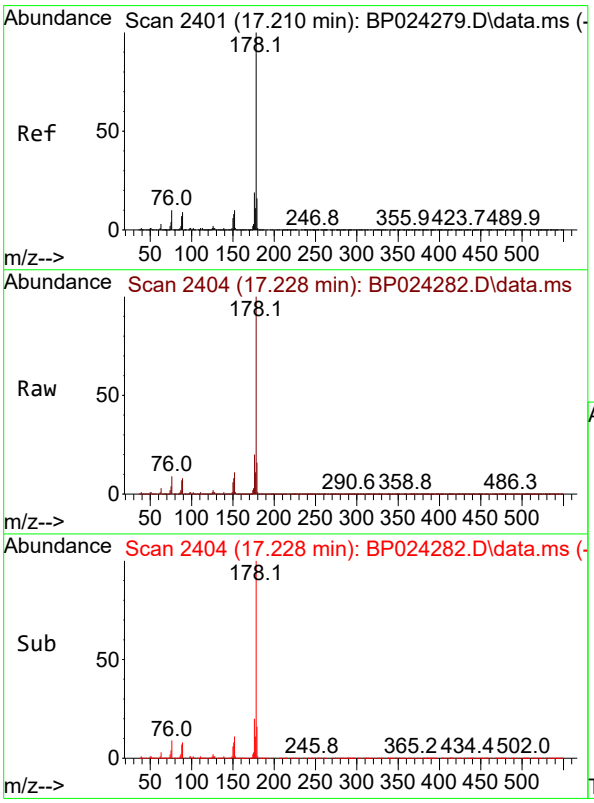
#70
Pentachlorophenol
Concen: 90.221 ng
RT: 16.828 min Scan# 2
Delta R.T. 0.017 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:266 Resp: 1027691

Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.0	76.6
264	63.1	49.8	74.6

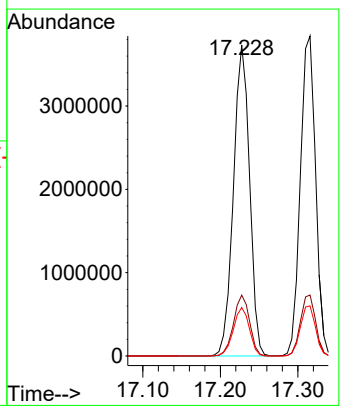


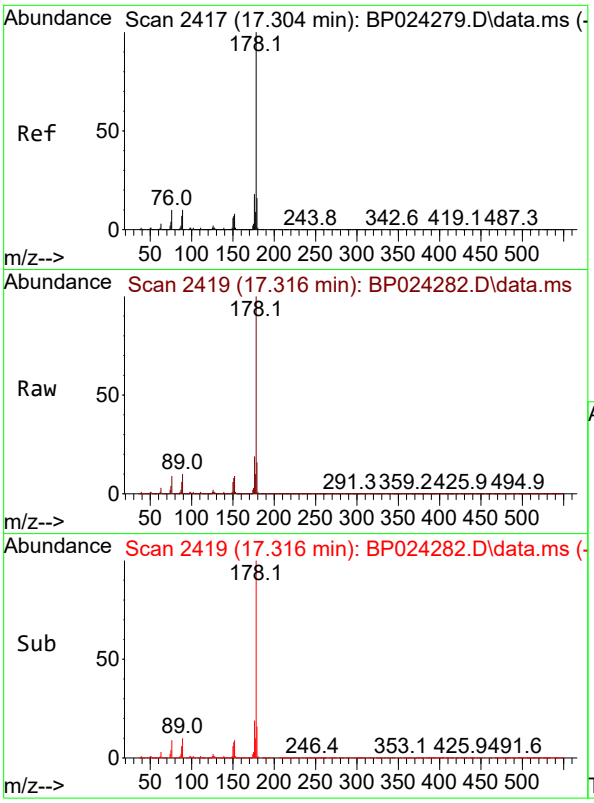


#71
Phenanthrene
Concen: 77.203 ng
RT: 17.228 min Scan# 2404
Delta R.T. 0.018 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:178 Resp: 5415046

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.6	12.5	18.7



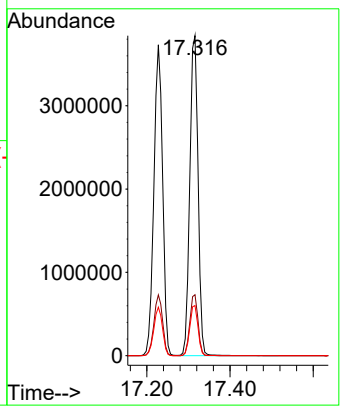


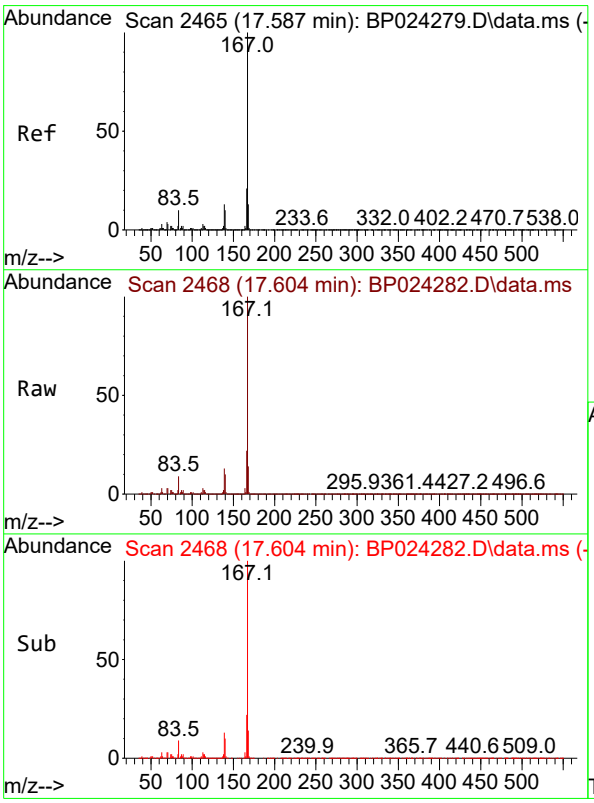
#72
Anthracene
Concen: 78.097 ng
RT: 17.316 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 5270987

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.7	22.1
179	15.6	12.4	18.6

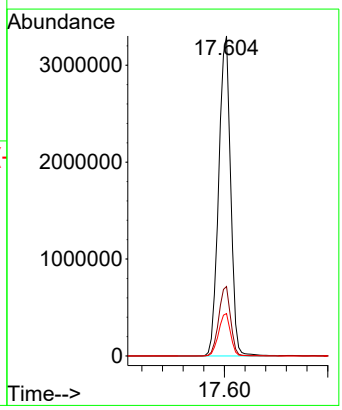


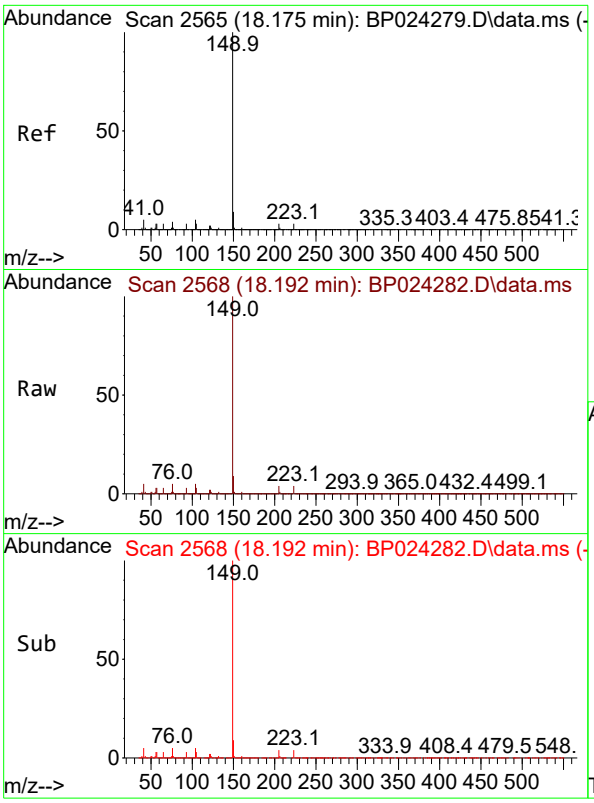


#73
Carbazole
Concen: 80.314 ng
RT: 17.604 min Scan# 2468
Delta R.T. 0.017 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:167 Resp: 5275449

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	13.2	10.6	16.0



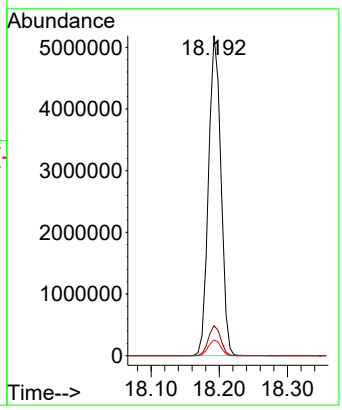


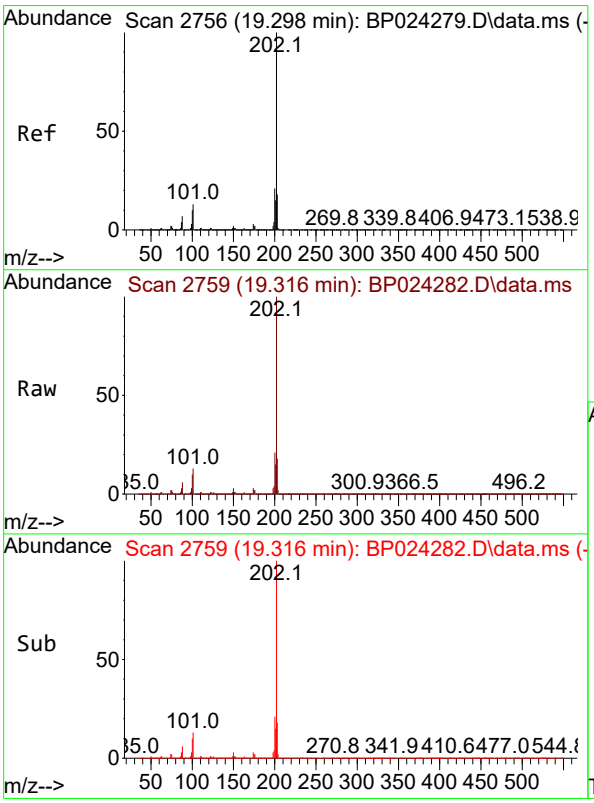
#74
Di-n-butylphthalate
Concen: 80.266 ng
RT: 18.192 min Scan# 2
Delta R.T. 0.017 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 6569078

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.9	3.9	5.9

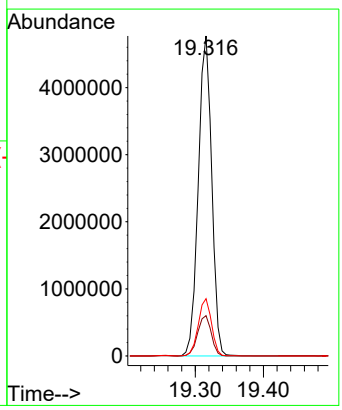


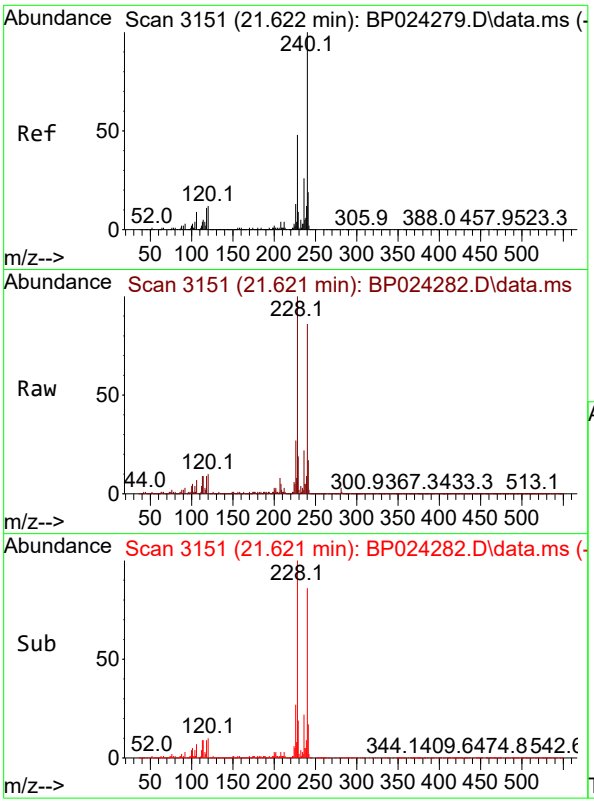


#75
Fluoranthene
Concen: 78.322 ng
RT: 19.316 min Scan# 2759
Delta R.T. 0.017 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:202 Resp: 6520527

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	17.9	0.0	37.7



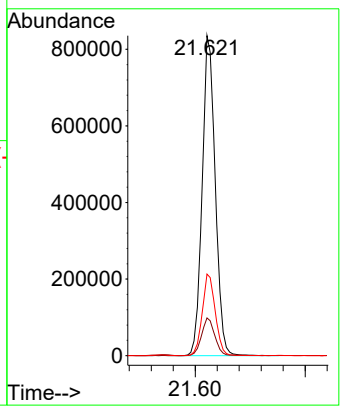


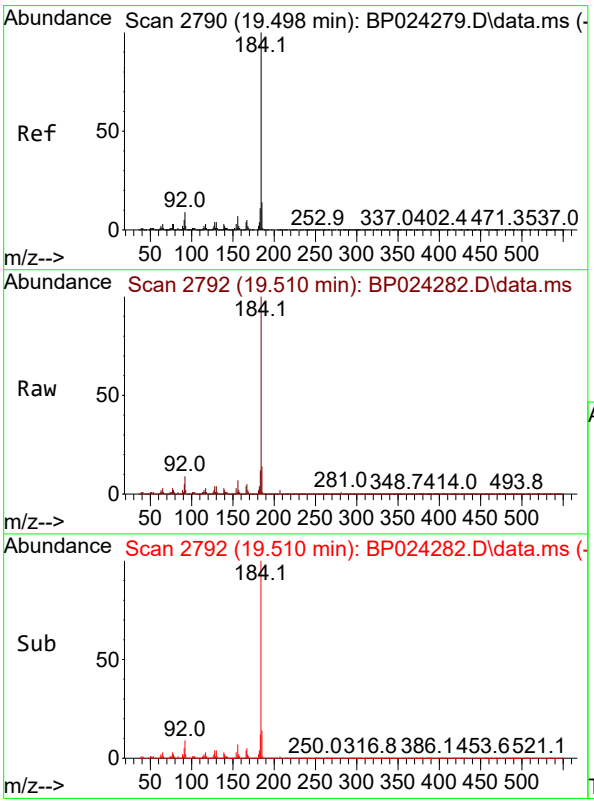
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.621 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:240 Resp: 1378105

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.8	14.8
236	25.5	20.9	31.3

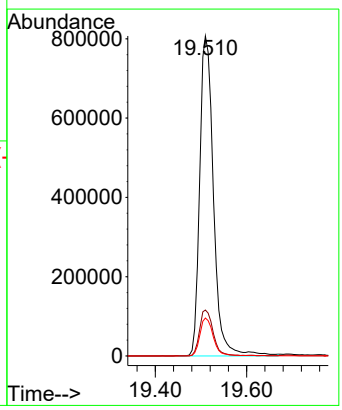


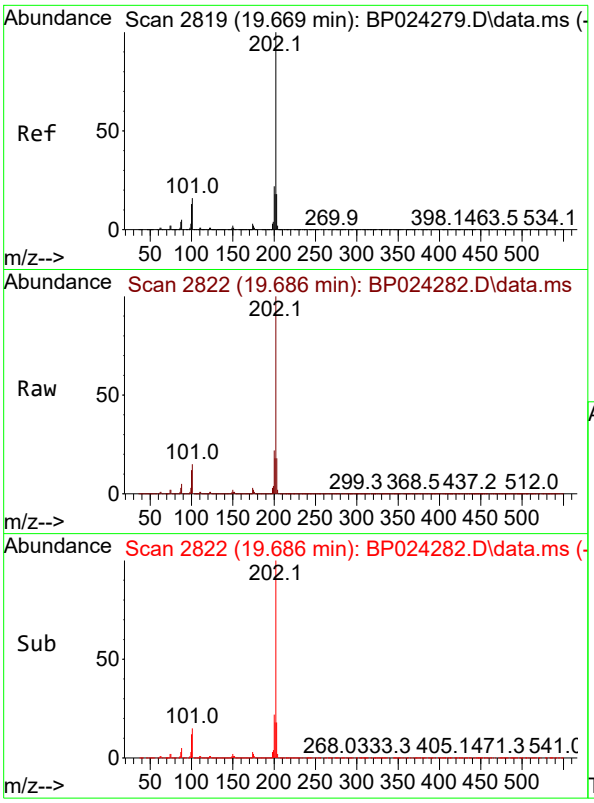


#77
Benzidine
Concen: 99.624 ng m
RT: 19.510 min Scan# 2792
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:184 Resp: 1694694

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.6	17.4
183	11.8	9.2	13.8



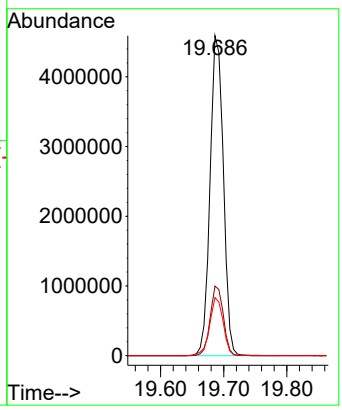


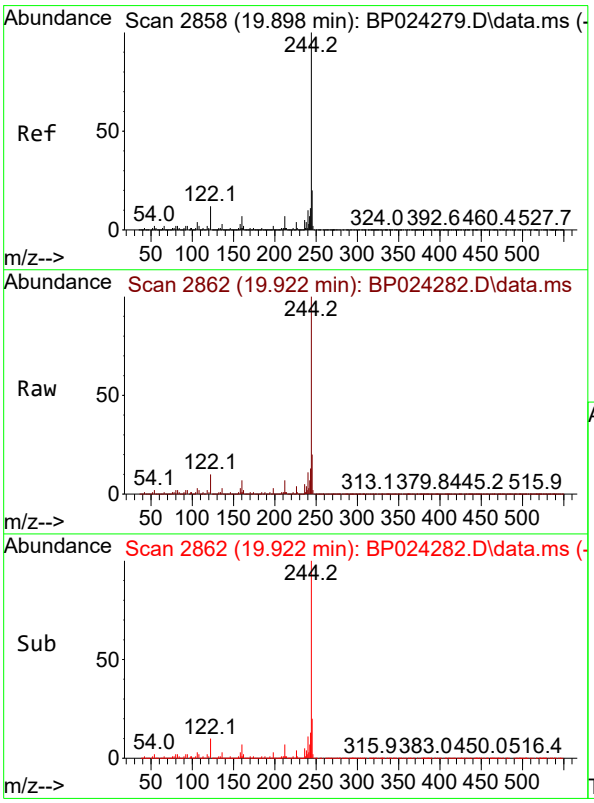
#78
Pyrene
Concen: 76.195 ng
RT: 19.686 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 6718789

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.2	25.8
203	18.1	14.4	21.6

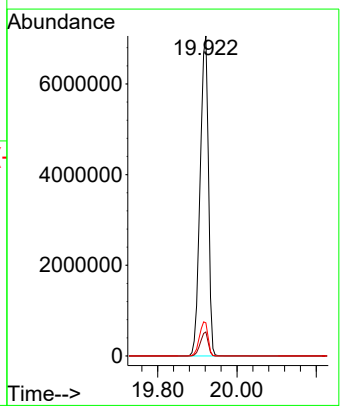


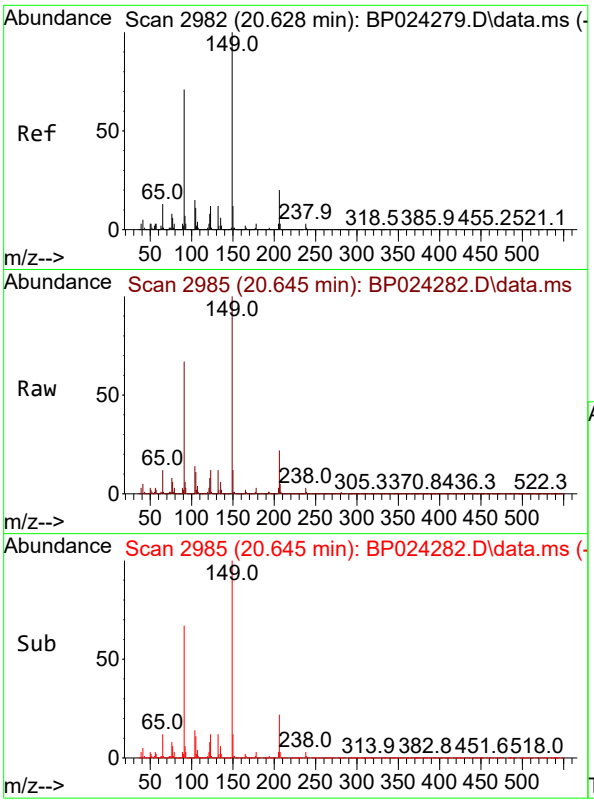


#79
Terphenyl-d14
Concen: 147.678 ng
RT: 19.922 min Scan# 2862
Delta R.T. 0.023 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:244 Resp:10209149

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.6	8.4
122	10.4	9.4	14.0



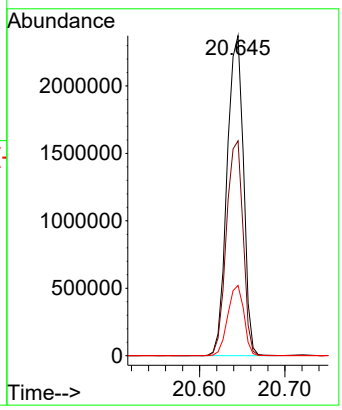


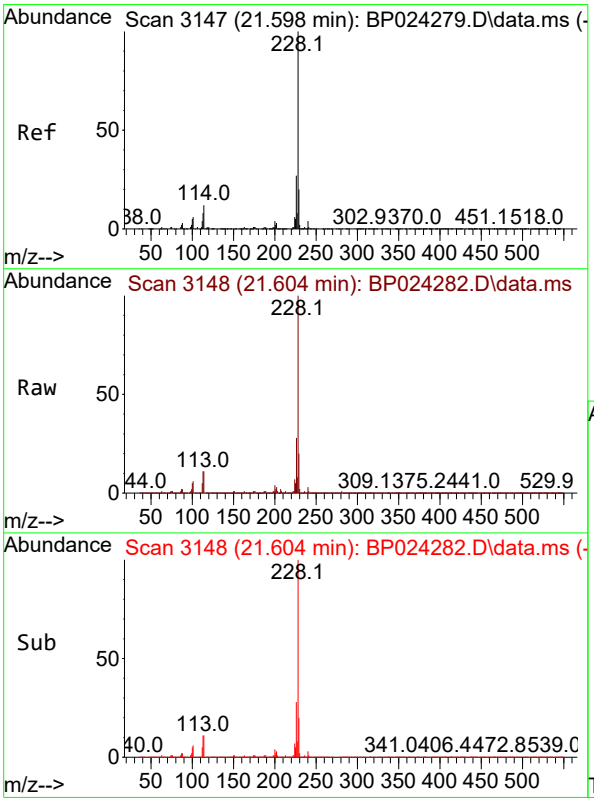
#80
Butylbenzylphthalate
Concen: 85.104 ng
RT: 20.645 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 3163633

Ion	Ratio	Lower	Upper
149	100		
91	67.1	56.4	84.6
206	22.0	16.3	24.5

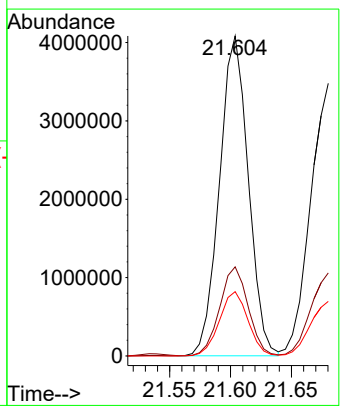


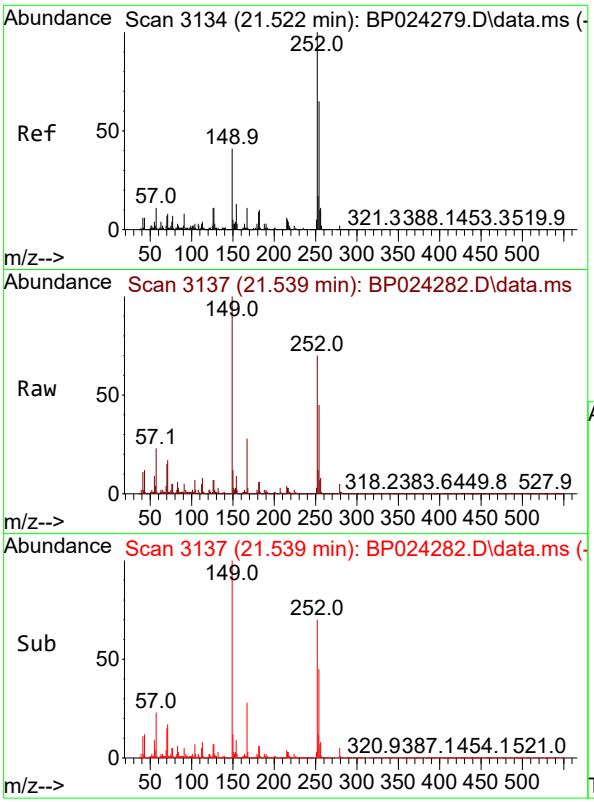


#81
Benzo(a)anthracene
Concen: 78.335 ng
RT: 21.604 min Scan# 3148
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:228 Resp: 6729971

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.8
229	20.1	15.9	23.9



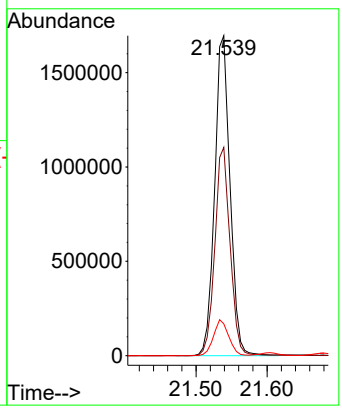


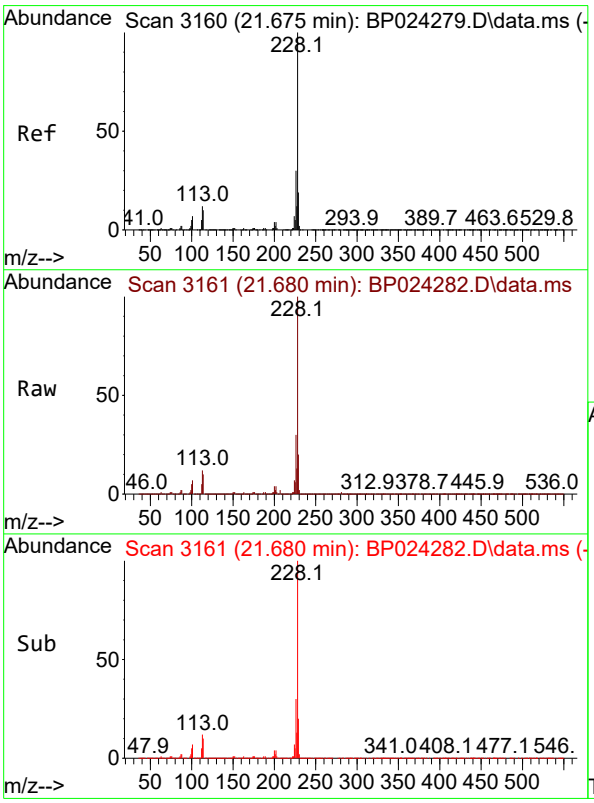
#82
3,3'-Dichlorobenzidine
Concen: 85.143 ng
RT: 21.539 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 2536509

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.7	77.5
126	10.0	8.8	13.2

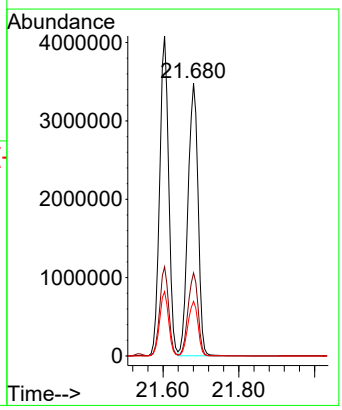


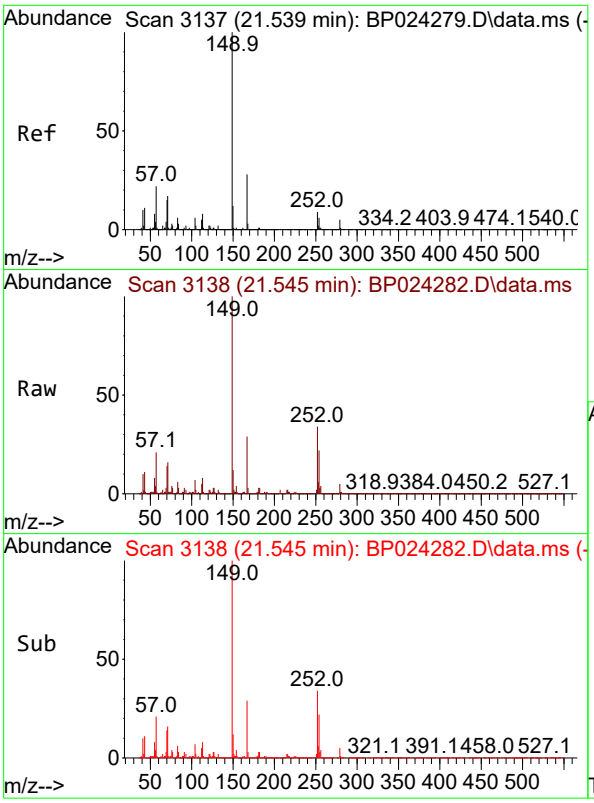


#83
Chrysene
Concen: 78.130 ng
RT: 21.680 min Scan# 3161
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:228 Resp: 6433173

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	20.0	15.6	23.4



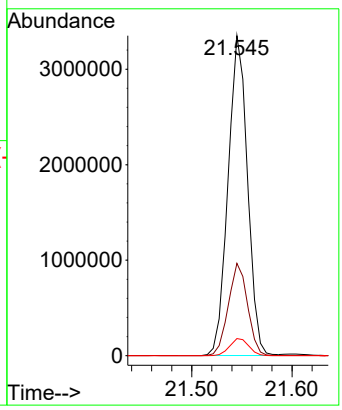


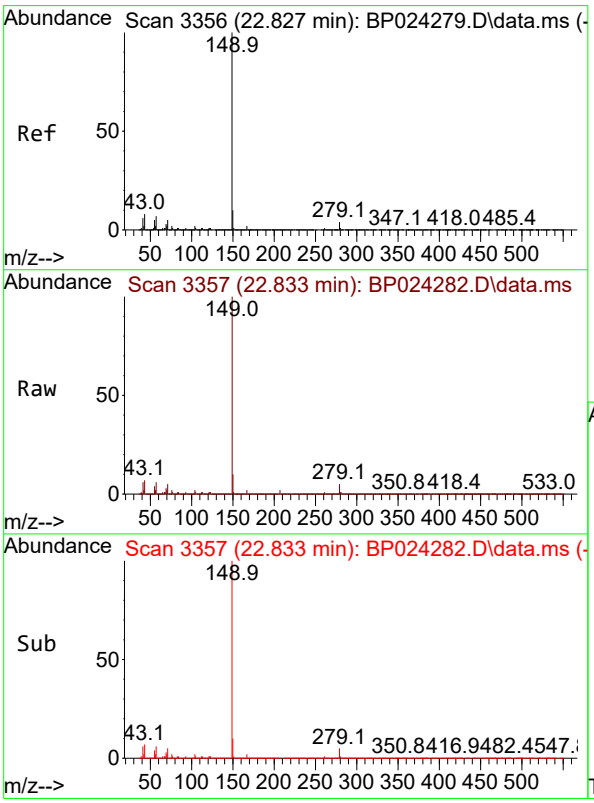
#84
Bis(2-ethylhexyl)phthalate
Concen: 82.506 ng
RT: 21.545 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 4516949

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.4	33.6
279	5.4	4.0	6.0

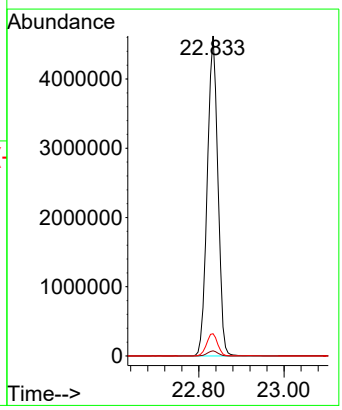


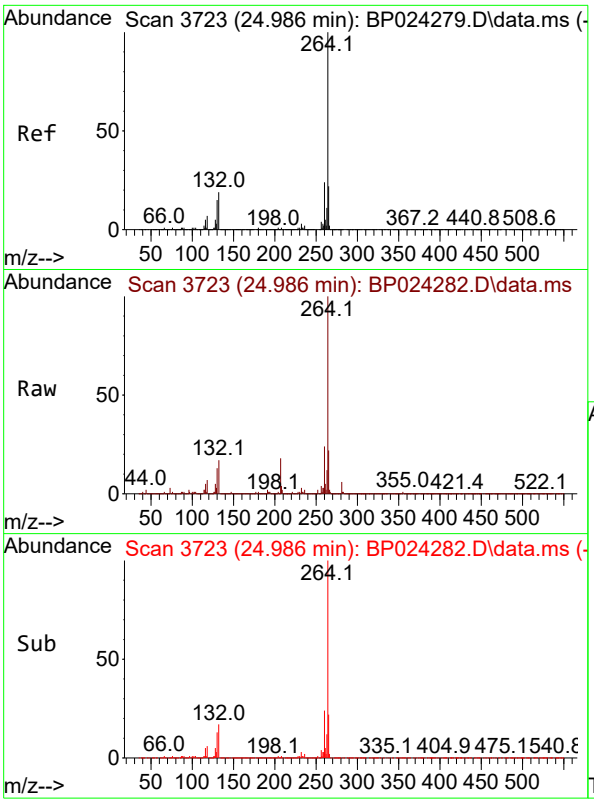


#85
Di-n-octyl phthalate
Concen: 90.878 ng
RT: 22.833 min Scan# 3357
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:149 Resp: 7969779

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.3	6.0	9.0



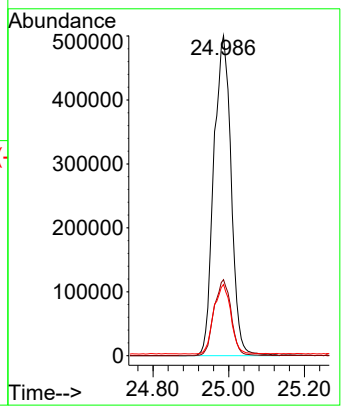


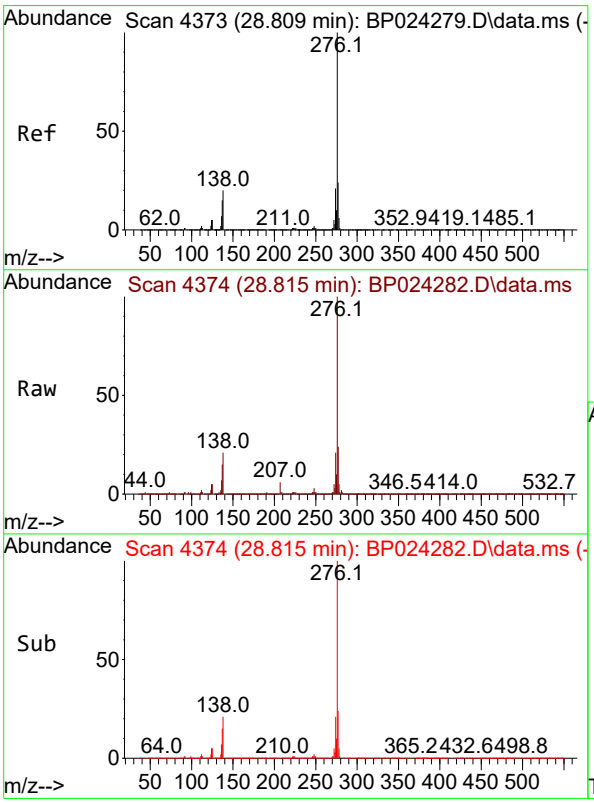
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.986 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:264 Resp: 1583281

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.3	17.8	26.6

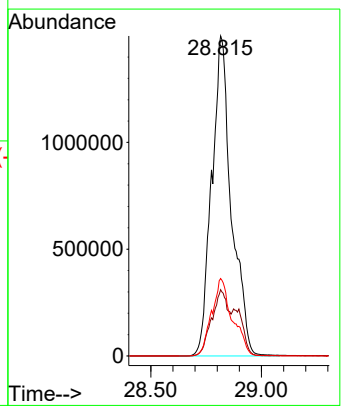


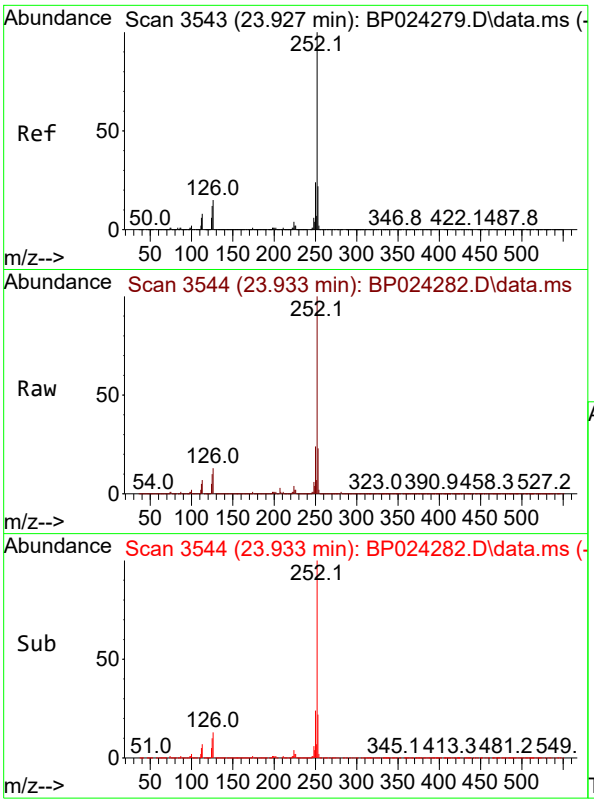


#87
Indeno(1,2,3-cd)pyrene
Concen: 85.280 ng
RT: 28.815 min Scan# 4374
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:276 Resp: 9286186

Ion	Ratio	Lower	Upper
276	100		
138	17.4	14.5	21.7
277	25.4	20.2	30.2



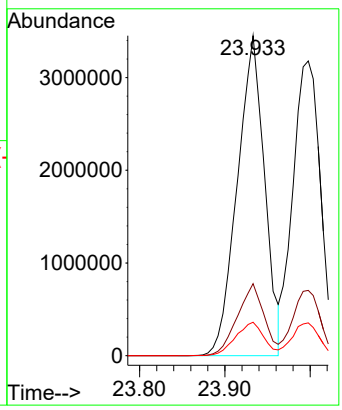


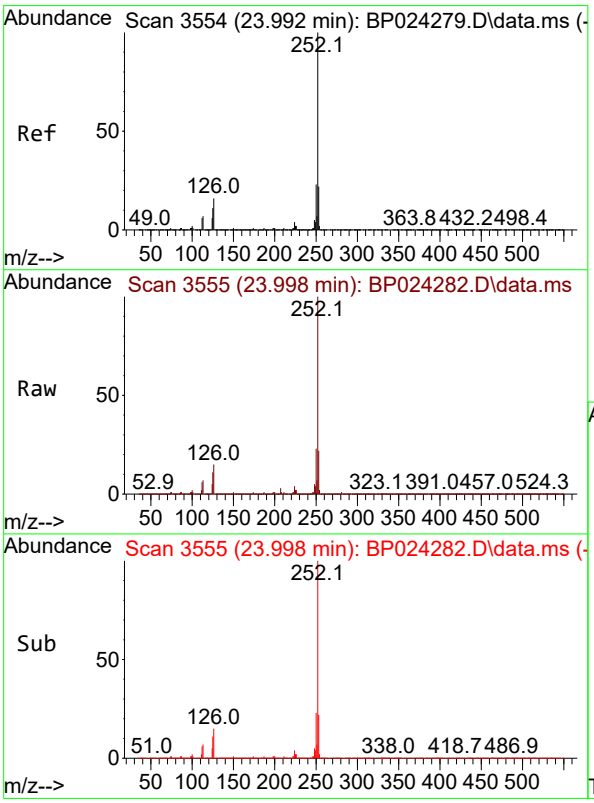
#88
Benzo(b)fluoranthene
Concen: 81.051 ng
RT: 23.933 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 7677613

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	10.4	9.4	14.0

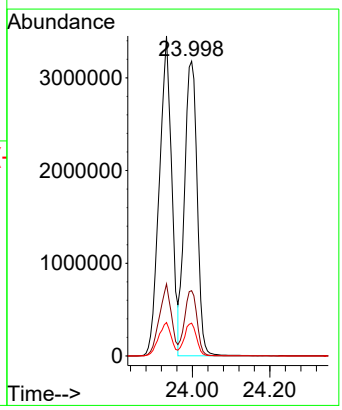


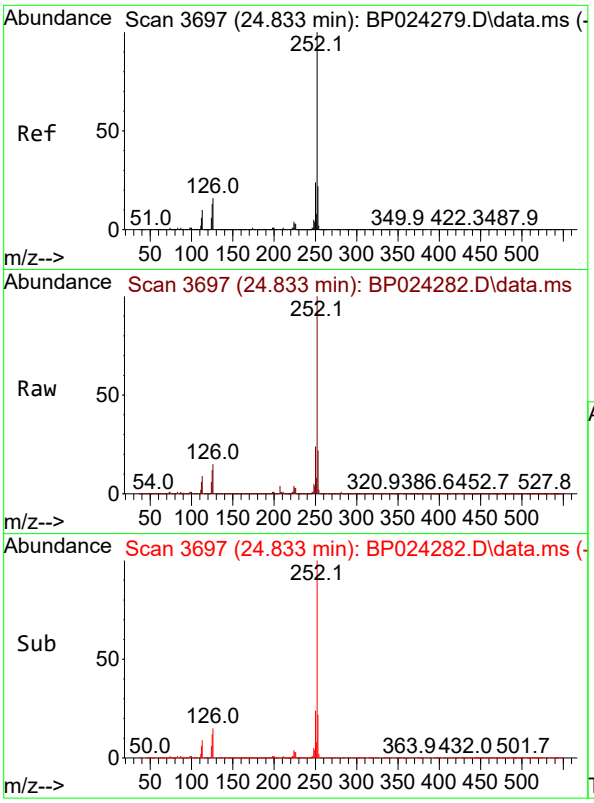


#89
Benzo(k)fluoranthene
Concen: 78.395 ng
RT: 23.998 min Scan# 3555
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:252 Resp: 7207214

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.1	9.1	13.7



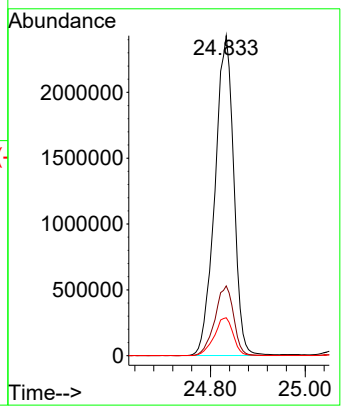


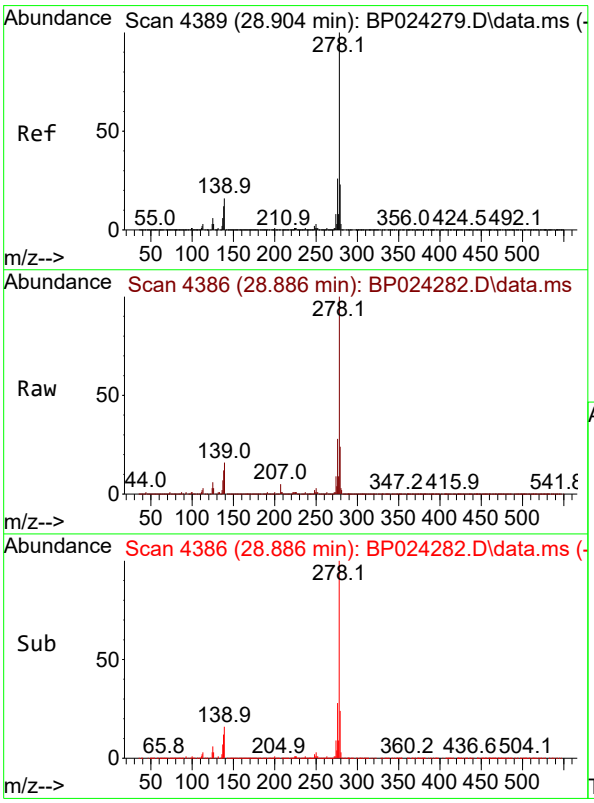
#90
Benzo(a)pyrene
Concen: 82.211 ng
RT: 24.833 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 6703562

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.8	10.1	15.1

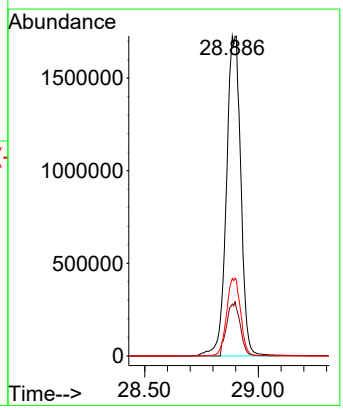


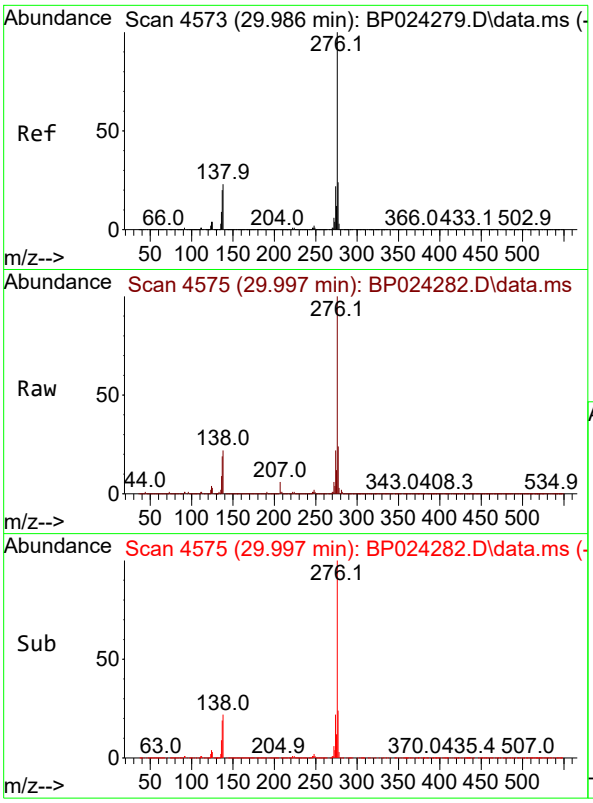


#91
Dibenzo(a,h)anthracene
Concen: 84.071 ng
RT: 28.886 min Scan# 4386
Delta R.T. -0.018 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:278 Resp: 7614901

Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.6	19.0
279	24.2	18.5	27.7



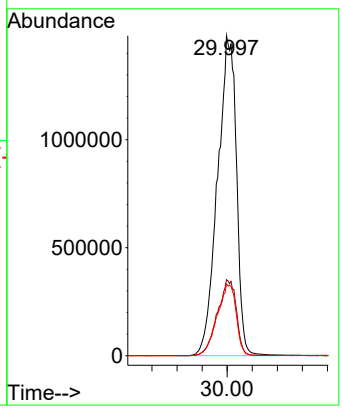


#92
Benzo(g,h,i)perylene
Concen: 84.072 ng
RT: 29.997 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp: 7750941

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	22.4	18.7	28.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024283.D
Acq On : 14 Apr 2025 18:35
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Quant Time: Apr 15 04:54:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	232241	20.000	ng	0.00
21) Naphthalene-d8	10.504	136	956448	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	600031	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1178916	20.000	ng	-0.02
76) Chrysene-d12	21.616	240	1288125	20.000	ng	0.00
86) Perylene-d12	24.986	264	1476872	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1141956	81.302	ng	0.00
7) Phenol-d6	6.911	99	1559050	81.063	ng	0.00
23) Nitrobenzene-d5	8.881	82	1401115	83.531	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	709703	85.488	ng	-0.02
45) 2-Fluorobiphenyl	12.975	172	3319933	84.715	ng	0.00
79) Terphenyl-d14	19.892	244	5217888	81.649	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	240091	40.412	ng	100
3) Pyridine	3.687	79	626813	39.955	ng	99
4) n-Nitrosodimethylamine	3.593	42	209326	40.205	ng	98
6) Aniline	7.069	93	710981	41.370	ng	100
8) 2-Chlorophenol	7.305	128	632515	40.334	ng	99
9) Benzaldehyde	6.881	77	399803	42.024	ng	98
10) Phenol	6.940	94	777631	40.306	ng	100
11) bis(2-Chloroethyl)ether	7.163	93	620261	39.902	ng	99
12) 1,3-Dichlorobenzene	7.622	146	680343	40.298	ng	100
13) 1,4-Dichlorobenzene	7.769	146	694020	40.516	ng	99
14) 1,2-Dichlorobenzene	8.081	146	659947	39.898	ng	99
15) Benzyl Alcohol	7.969	79	517678	41.621	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.258	45	674999	40.173	ng	99
17) 2-Methylphenol	8.175	107	512292	41.046	ng	100
18) Hexachloroethane	8.799	117	250852	40.522	ng	99
19) n-Nitroso-di-n-propyla...	8.528	70	481540	40.471	ng	99
20) 3+4-Methylphenols	8.499	107	706733	40.810	ng	99
22) Acetophenone	8.546	105	986019	41.652	ng	100
24) Nitrobenzene	8.922	77	689231	41.537	ng	100
25) Isophorone	9.446	82	1264480	41.648	ng	99
26) 2-Nitrophenol	9.628	139	352229	43.376	ng	99
27) 2,4-Dimethylphenol	9.687	122	425062	41.689	ng	99
28) bis(2-Chloroethoxy)met...	9.922	93	849161	41.402	ng	99
29) 2,4-Dichlorophenol	10.163	162	590306	42.461	ng	98
30) 1,2,4-Trichlorobenzene	10.369	180	619818	41.612	ng	99
31) Naphthalene	10.557	128	2085090	41.386	ng	99
32) Benzoic acid	9.834	122	486627	40.959	ng	98
33) 4-Chloroaniline	10.669	127	761817	42.937	ng	99
34) Hexachlorobutadiene	10.846	225	367684	42.007	ng	100
35) Caprolactam	11.457	113	216229	42.152	ng	99
36) 4-Chloro-3-methylphenol	11.799	107	675857	41.737	ng	98
37) 2-Methylnaphthalene	12.169	142	1446647	41.403	ng	100
38) 1-Methylnaphthalene	12.387	142	1408633	41.210	ng	99
40) 1,2,4,5-Tetrachloroben...	12.540	216	697580	42.275	ng	100
41) Hexachlorocyclopentadiene	12.516	237	254676	43.639	ng	99
43) 2,4,6-Trichlorophenol	12.781	196	475349	43.329	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024283.D
Acq On : 14 Apr 2025 18:35
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Quant Time: Apr 15 04:54:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

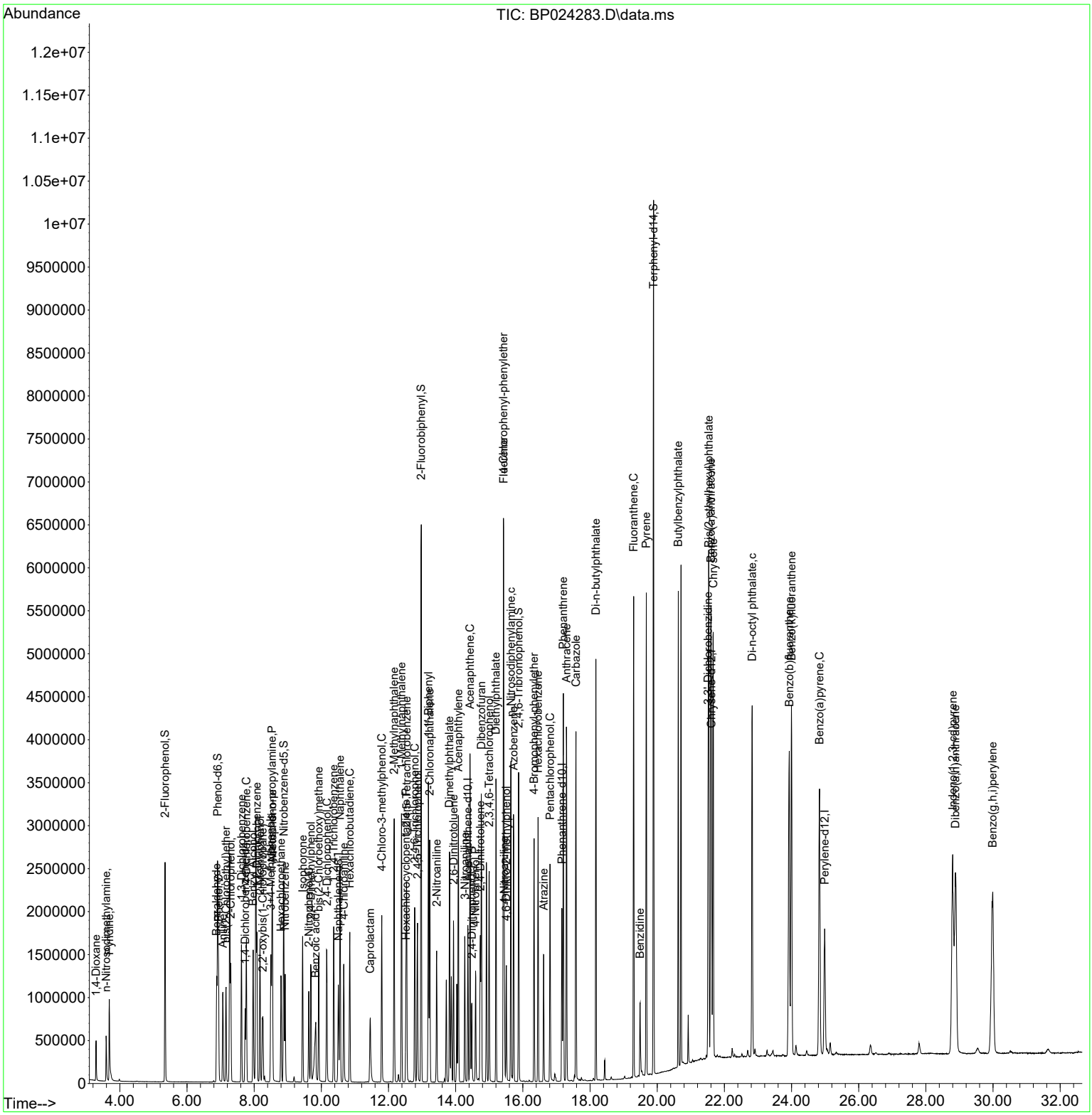
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	520298	42.828	ng	97
46) 1,1'-Biphenyl	13.187	154	1834570	41.595	ng	99
47) 2-Chloronaphthalene	13.228	162	1377424	41.786	ng	100
48) 2-Nitroaniline	13.434	65	392742	42.475	ng	98
49) Acenaphthylene	14.081	152	2168474	41.783	ng	99
50) Dimethylphthalate	13.816	163	1809923	41.478	ng	99
51) 2,6-Dinitrotoluene	13.940	165	398345	42.990	ng	97
52) Acenaphthene	14.428	154	1344151	40.853	ng	99
53) 3-Nitroaniline	14.275	138	427828	43.931	ng	98
54) 2,4-Dinitrophenol	14.481	184	231882	42.485	ng	98
55) Dibenzofuran	14.763	168	2187786	40.679	ng	99
56) 4-Nitrophenol	14.592	139	378214	44.968	ng	99
57) 2,4-Dinitrotoluene	14.734	165	550175	43.527	ng	97
58) Fluorene	15.428	166	1738215	41.750	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.998	232	470547	41.995	ng	99
60) Diethylphthalate	15.198	149	1869274	41.570	ng	99
61) 4-Chlorophenyl-phenyle...	15.422	204	844629	41.777	ng	99
62) 4-Nitroaniline	15.451	138	444482	43.114	ng	96
63) Azobenzene	15.722	77	1722900	41.686	ng	98
65) 4,6-Dinitro-2-methylph...	15.510	198	317548	42.724	ng	95
66) n-Nitrosodiphenylamine	15.645	169	1460282	41.500	ng	100
67) 4-Bromophenyl-phenylether	16.334	248	545579	42.314	ng	97
68) Hexachlorobenzene	16.451	284	642095	41.909	ng	96
69) Atrazine	16.622	200	282908	31.567	ng	98
70) Pentachlorophenol	16.810	266	458529	42.900	ng	99
71) Phenanthrene	17.204	178	2612052	40.615	ng	100
72) Anthracene	17.298	178	2606508	42.051	ng	100
73) Carbazole	17.581	167	2564955	42.351	ng	99
74) Di-n-butylphthalate	18.175	149	3360635	44.539	ng	100
75) Fluoranthene	19.298	202	3195045	41.771	ng	99
77) Benzidine	19.492	184	588487	36.041	ng	100
78) Pyrene	19.675	202	3276290	40.022	ng	99
80) Butylbenzylphthalate	20.627	149	1511473	43.107	ng	97
81) Benzo(a)anthracene	21.598	228	3299250	41.207	ng	99
82) 3,3'-Dichlorobenzidine	21.516	252	1212290	43.139	ng	99
83) Chrysene	21.669	228	3136332	40.888	ng	100
84) Bis(2-ethylhexyl)phtha...	21.539	149	2282222	44.400	ng	100
85) Di-n-octyl phthalate	22.827	149	3803266	45.513	ng	100
87) Indeno(1,2,3-cd)pyrene	28.798	276	4313548m	42.071	ng	
88) Benzo(b)fluoranthene	23.933	252	3654984	41.288	ng	99
89) Benzo(k)fluoranthene	23.998	252	3512834	41.081	ng	100
90) Benzo(a)pyrene	24.833	252	3196130	41.855	ng	99
91) Dibenzo(a,h)anthracene	28.880	278	3566000	41.902	ng	98
92) Benzo(g,h,i)perylene	29.992	276	3590938	41.455	ng	98

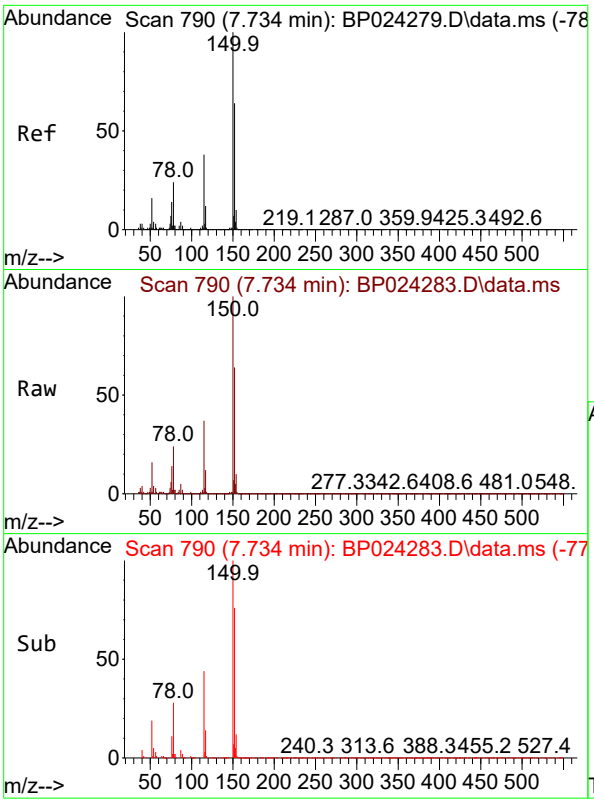
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024283.D
Acq On : 14 Apr 2025 18:35
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Quant Time: Apr 15 04:54:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration



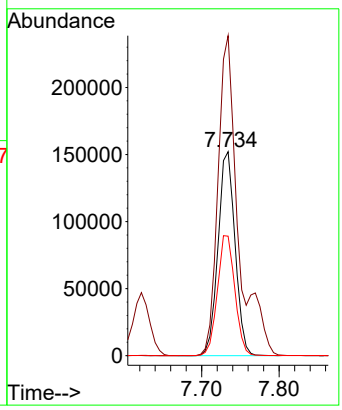


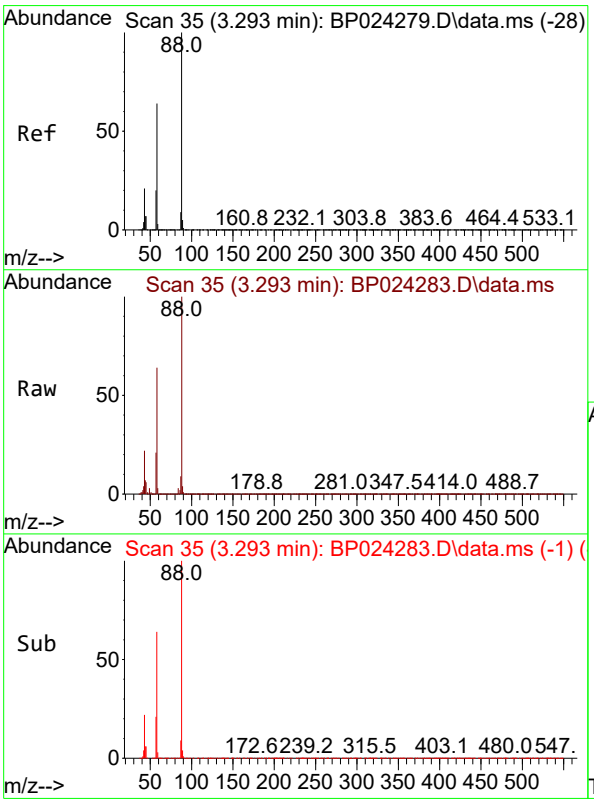
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:152 Resp: 232241

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.9	187.3
115	58.6	47.7	71.5

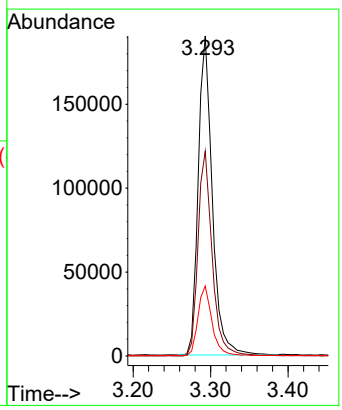


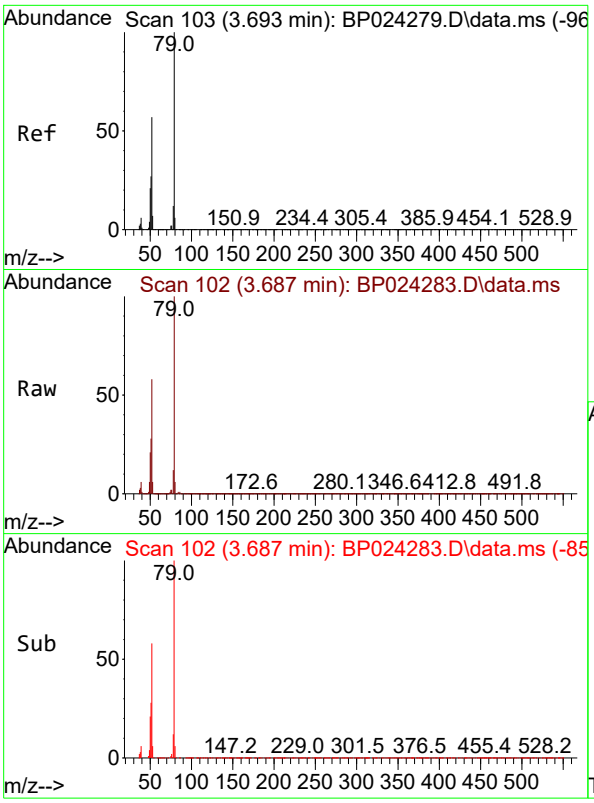


#2
1,4-Dioxane
Concen: 40.412 ng
RT: 3.293 min Scan# 35
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion: 88 Resp: 240091

Ion	Ratio	Lower	Upper
88	100		
58	64.4	51.4	77.2
43	21.7	17.1	25.7



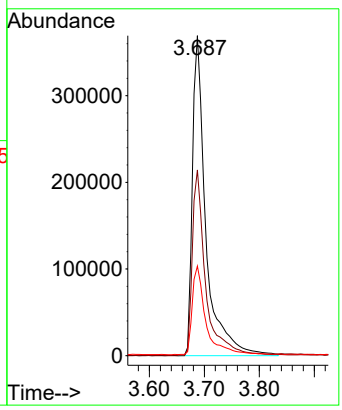


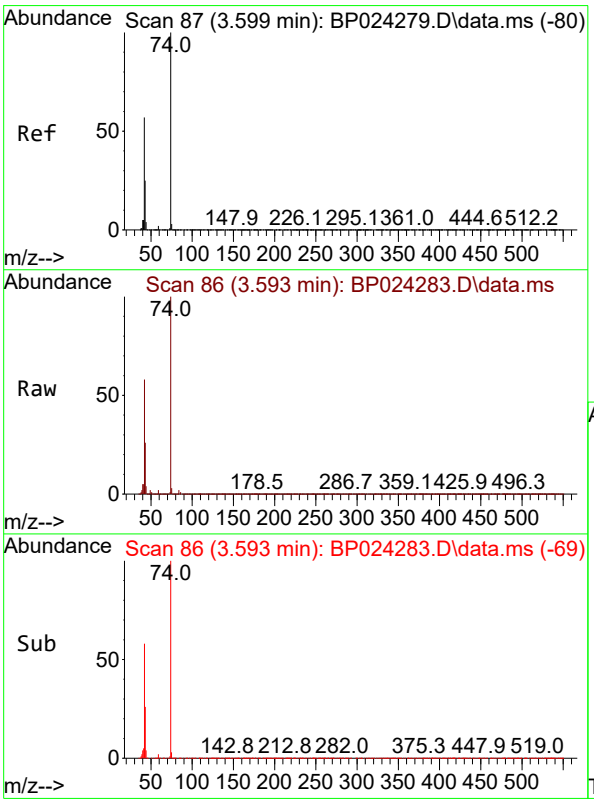
#3
Pyridine
Concen: 39.955 ng
RT: 3.687 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion: 79 Resp: 626813

Ion	Ratio	Lower	Upper
79	100		
52	58.1	45.4	68.2
51	28.0	22.6	33.8

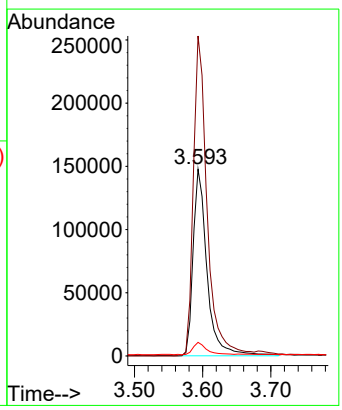


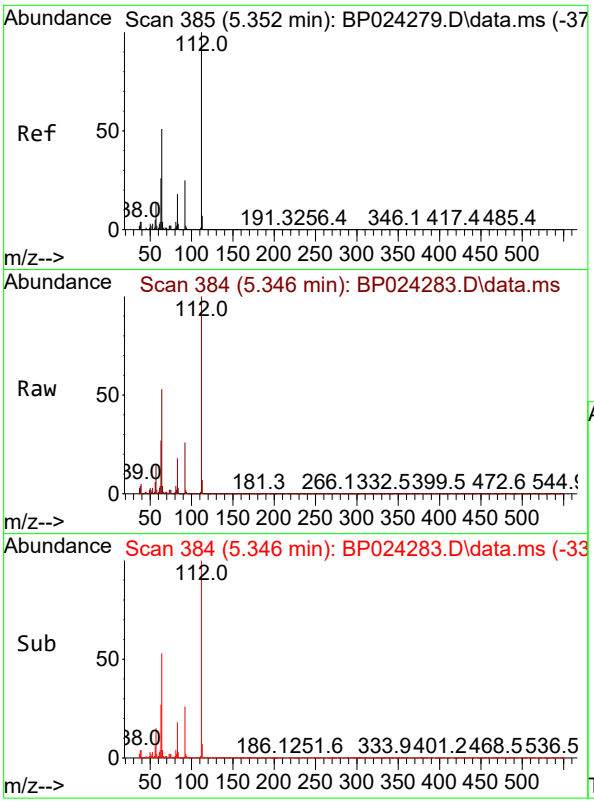


#4
n-Nitrosodimethylamine
Concen: 40.205 ng
RT: 3.593 min Scan# 86
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion: 42 Resp: 209326

Ion	Ratio	Lower	Upper
42	100		
74	171.4	139.5	209.3
44	7.3	5.8	8.8



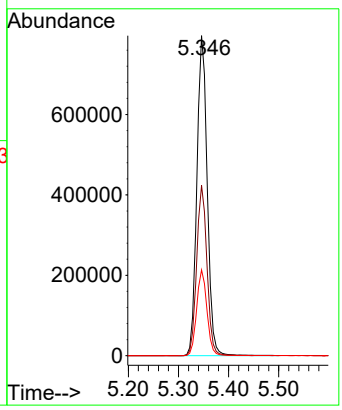


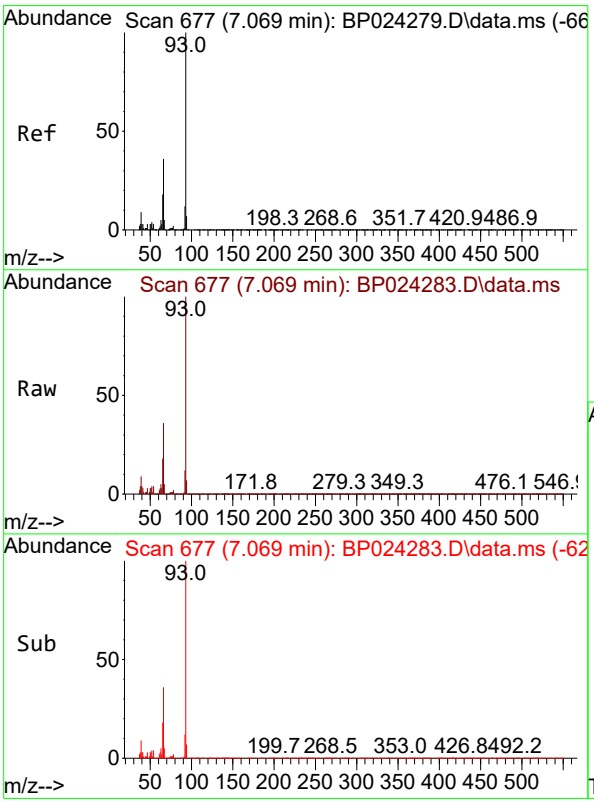
#5
2-Fluorophenol
Concen: 81.302 ng
RT: 5.346 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:112 Resp: 1141956

Ion	Ratio	Lower	Upper
112	100		
64	53.2	41.1	61.7
63	26.8	20.6	30.8

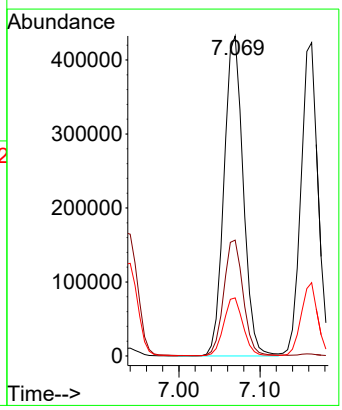


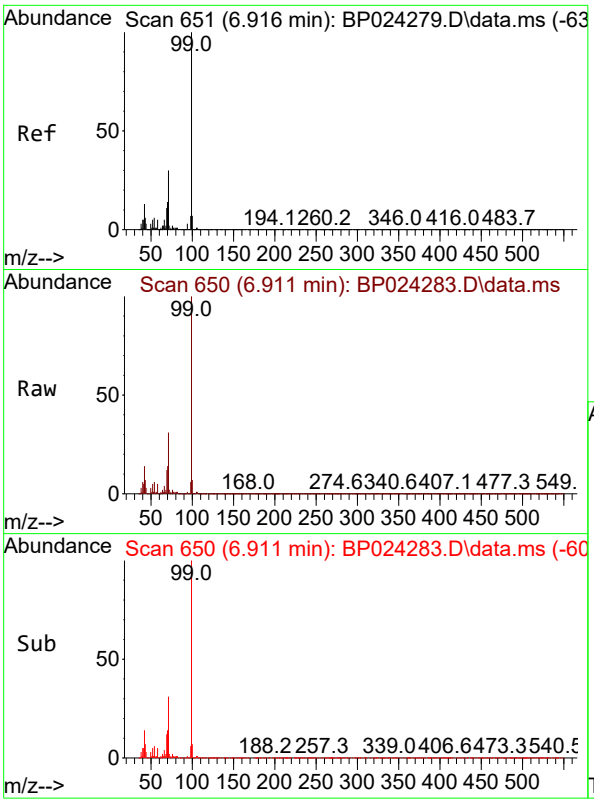


#6
Aniline
Concen: 41.370 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion: 93 Resp: 710981

Ion	Ratio	Lower	Upper
93	100		
66	36.2	29.1	43.7
65	18.2	14.7	22.1



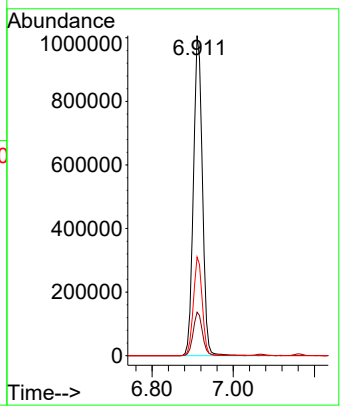


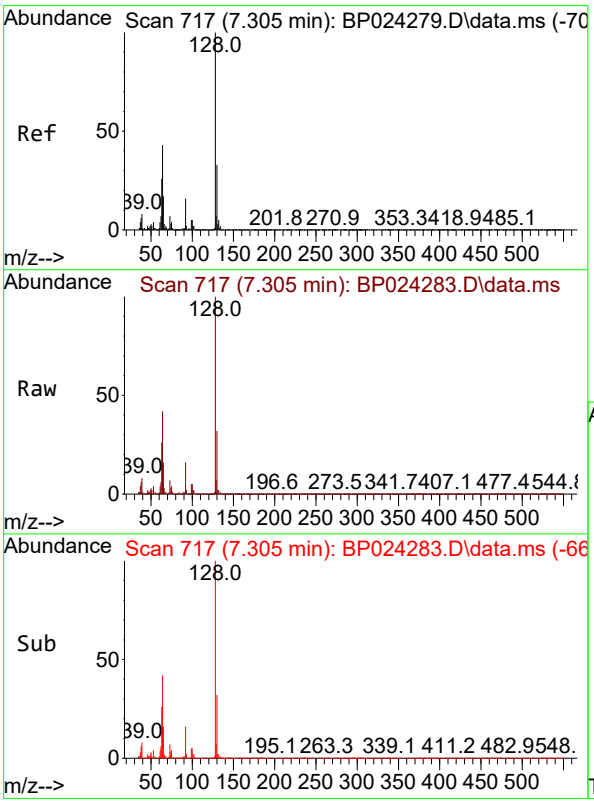
#7
Phenol-d6
Concen: 81.063 ng
RT: 6.911 min Scan# 6
Delta R.T. -0.005 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion: 99 Resp: 1559050

Ion	Ratio	Lower	Upper
99	100		
42	13.6	10.6	16.0
71	30.9	23.7	35.5

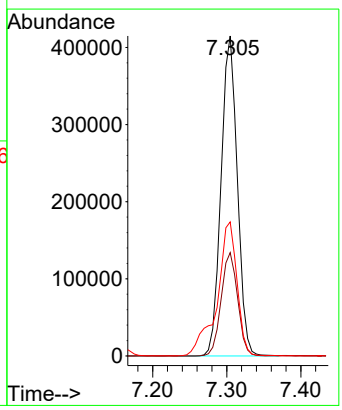


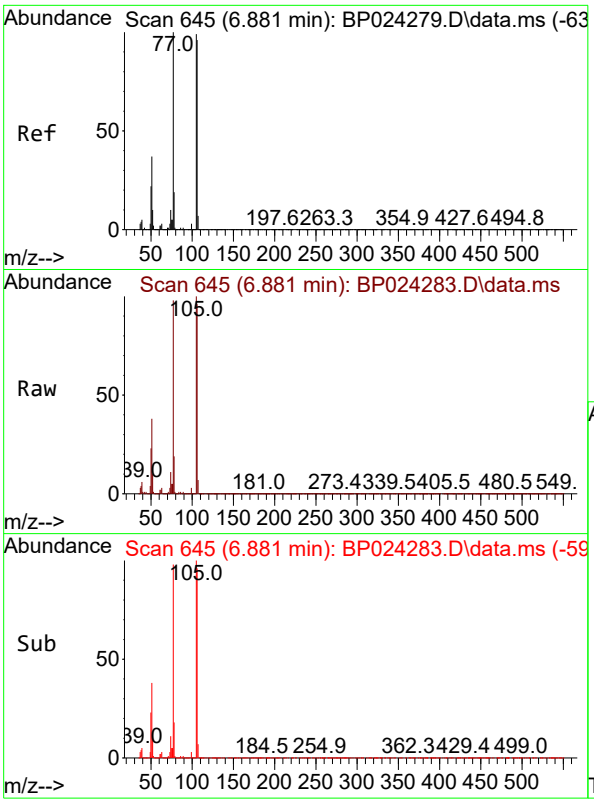


#8
2-Chlorophenol
Concen: 40.334 ng
RT: 7.305 min Scan# 717
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:128 Resp: 632515

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	41.9	22.7	62.7



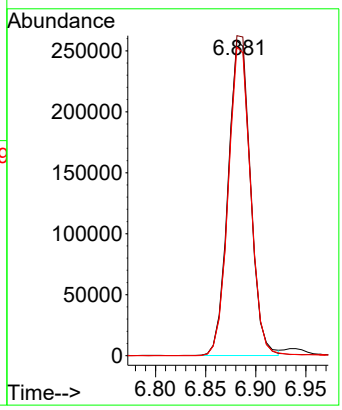


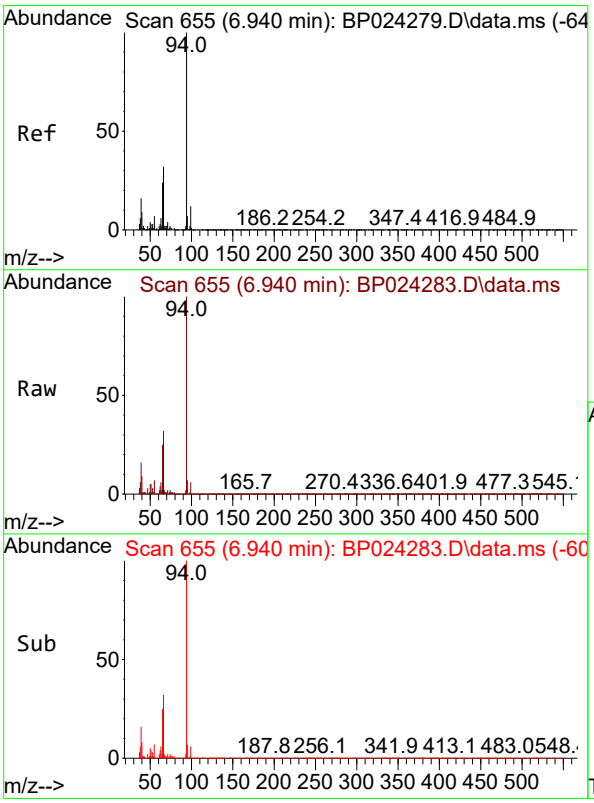
#9
Benzaldehyde
Concen: 42.024 ng
RT: 6.881 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion: 77 Resp: 399803

Ion	Ratio	Lower	Upper
77	100		
105	101.7	79.2	119.2
106	98.0	76.2	116.2

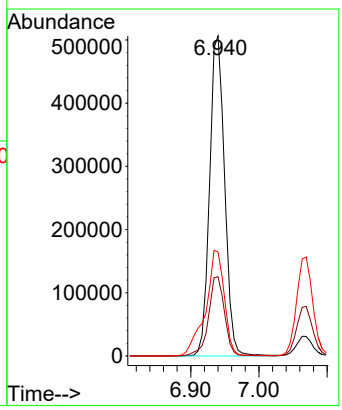


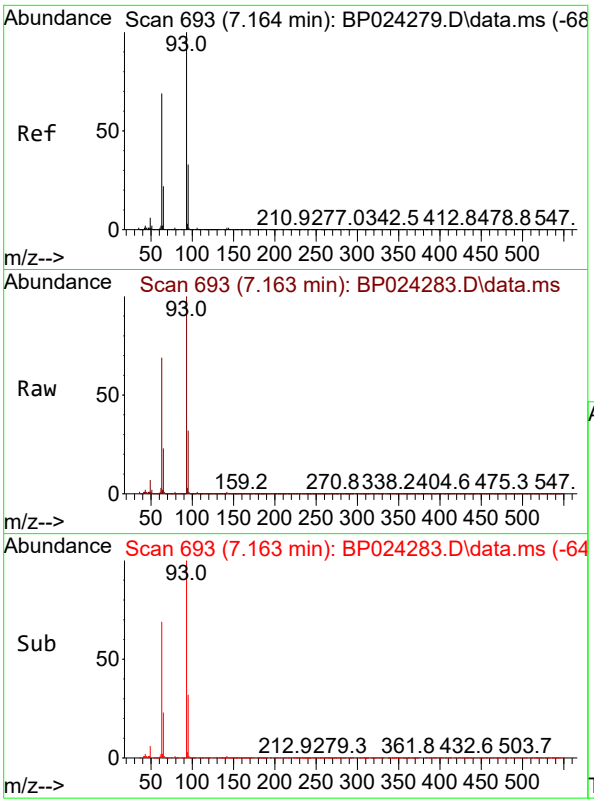


#10
Phenol
Concen: 40.306 ng
RT: 6.940 min Scan# 655
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion: 94 Resp: 777631

Ion	Ratio	Lower	Upper
94	100		
65	24.7	4.5	44.5
66	32.5	12.4	52.4



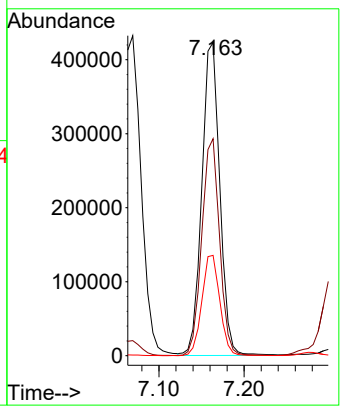


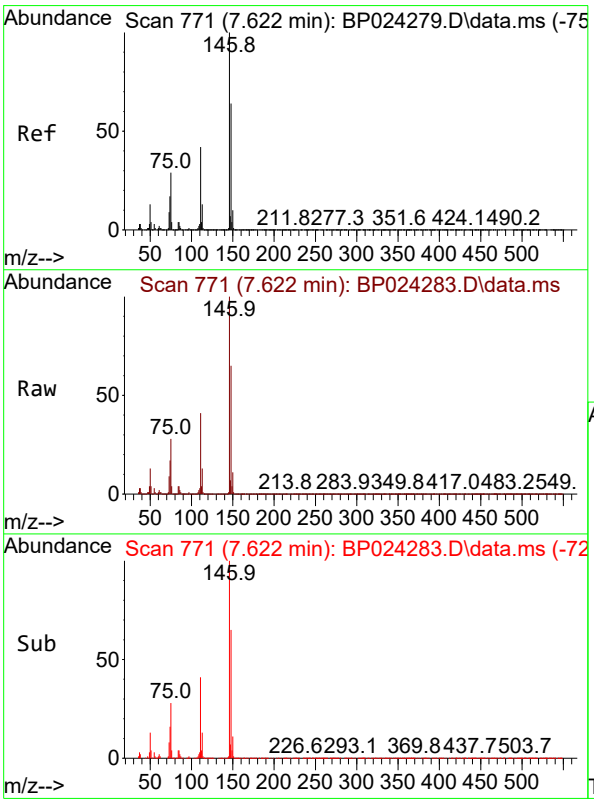
#11
bis(2-Chloroethyl)ether
Concen: 39.902 ng
RT: 7.163 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion: 93 Resp: 620261

Ion	Ratio	Lower	Upper
93	100		
63	69.2	48.6	88.6
95	32.0	12.3	52.3

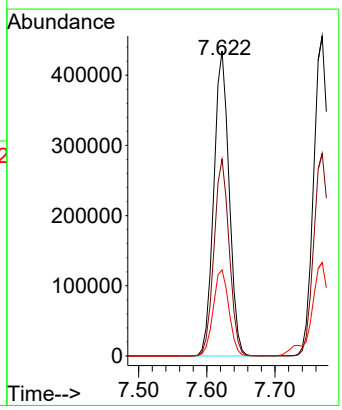


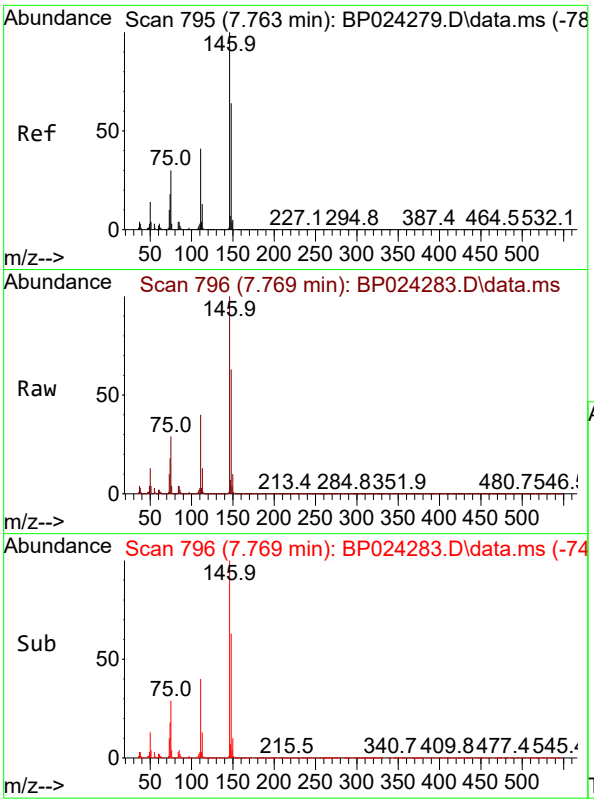


#12
1,3-Dichlorobenzene
Concen: 40.298 ng
RT: 7.622 min Scan# 771
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:146 Resp: 680343

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.0
75	28.2	22.9	34.3



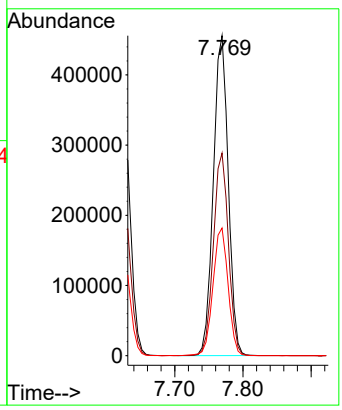


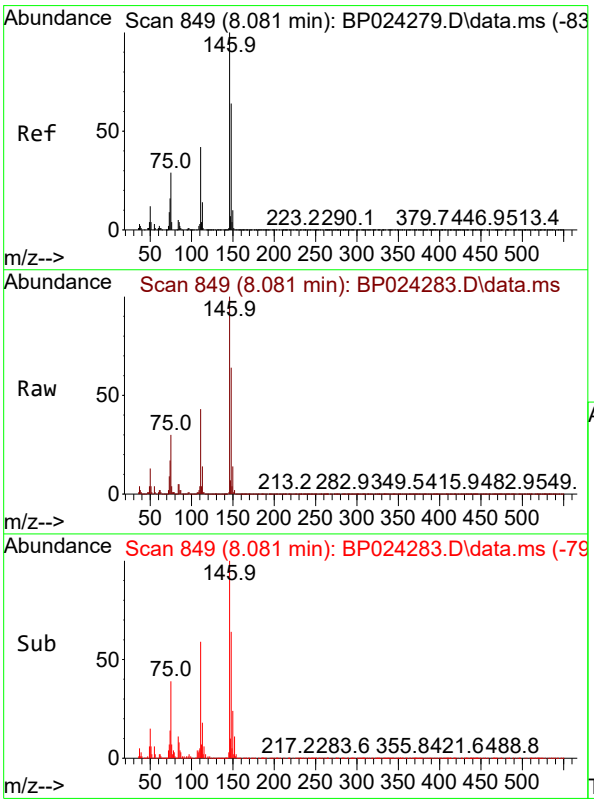
#13
1,4-Dichlorobenzene
Concen: 40.516 ng
RT: 7.769 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:146 Resp: 694020

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
111	39.9	32.6	48.8

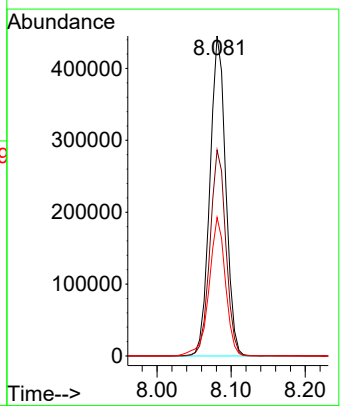


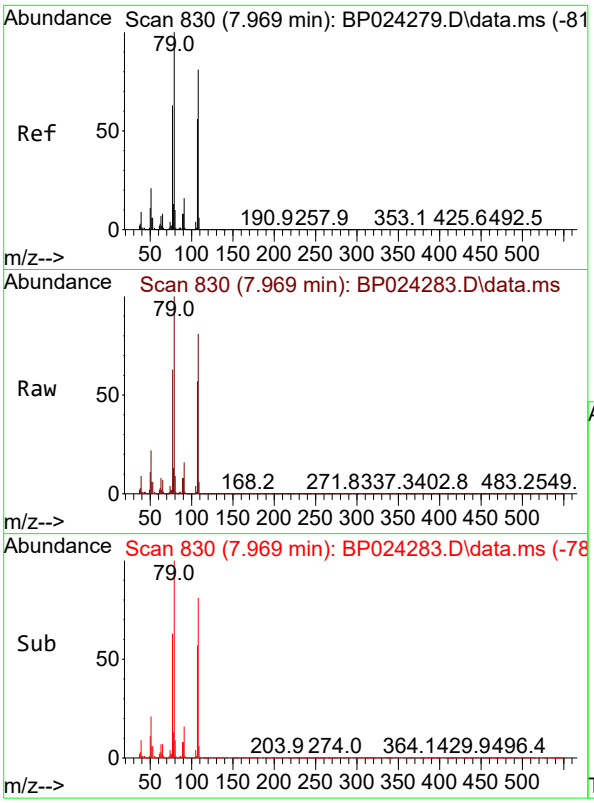


#14
1,2-Dichlorobenzene
Concen: 39.898 ng
RT: 8.081 min Scan# 849
Delta R.T. 0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:146 Resp: 659947

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.0	76.4
111	43.3	33.8	50.8



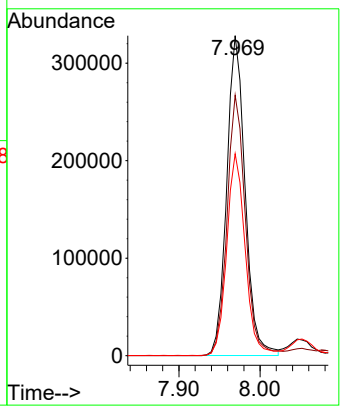


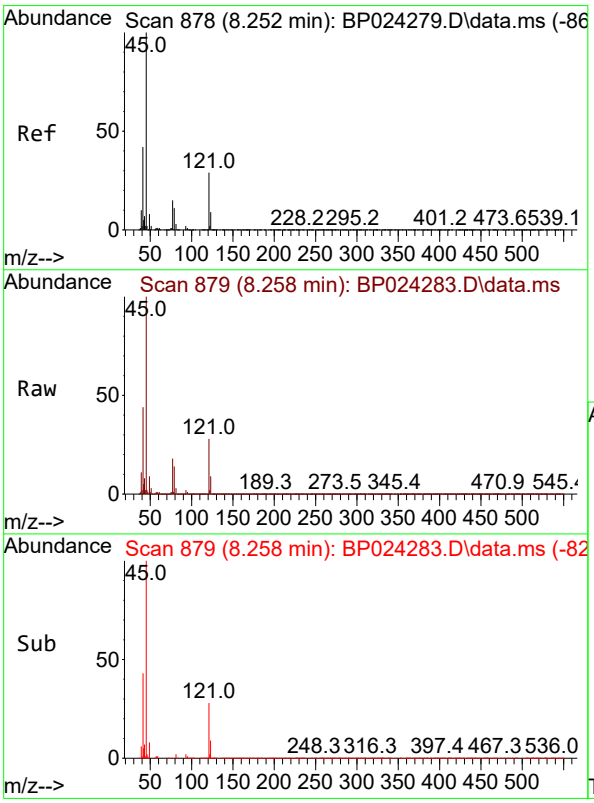
#15
Benzyl Alcohol
Concen: 41.621 ng
RT: 7.969 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion: 79 Resp: 517678

Ion	Ratio	Lower	Upper
79	100		
108	81.4	65.1	97.7
77	63.1	50.7	76.1

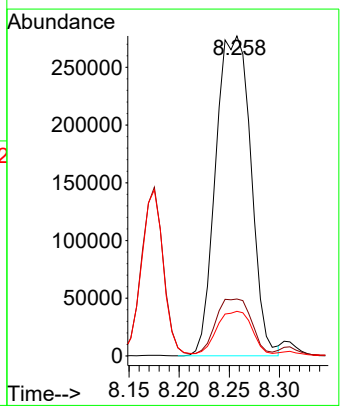


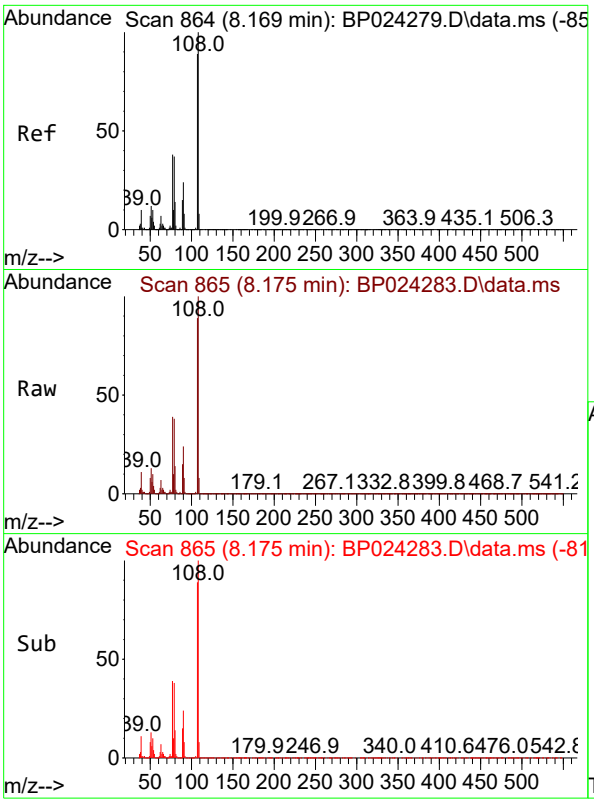


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.173 ng
RT: 8.258 min Scan# 879
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion: 45 Resp: 674999

Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.0	37.7
79	13.9	0.0	33.5



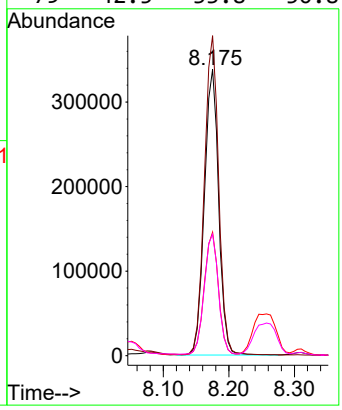


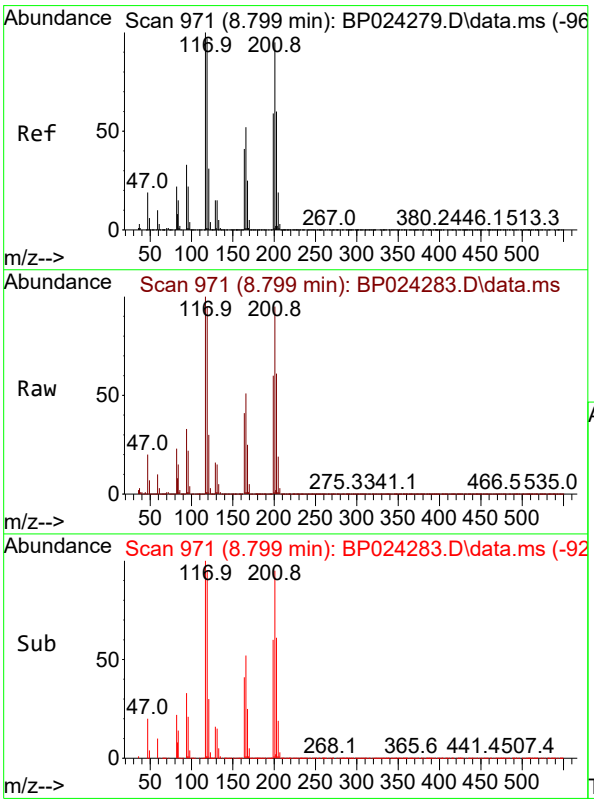
#17
2-Methylphenol
Concen: 41.046 ng
RT: 8.175 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:107 Resp: 512292

Ion	Ratio	Lower	Upper
107	100		
108	111.8	89.8	134.6
77	43.2	34.2	51.4
79	42.5	33.8	50.8

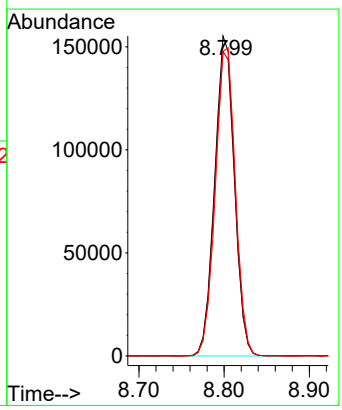


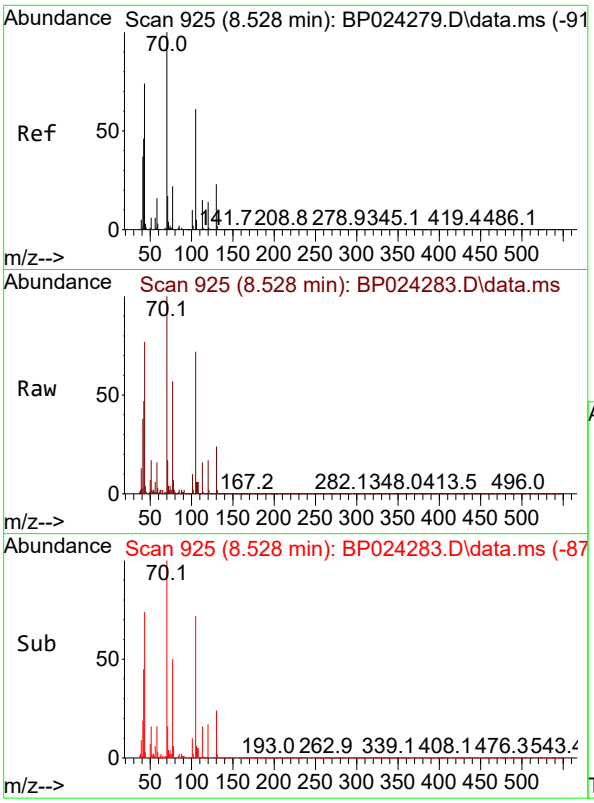


#18
Hexachloroethane
Concen: 40.522 ng
RT: 8.799 min Scan# 971
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:117 Resp: 250852

Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.8	116.6
201	95.1	75.9	113.9



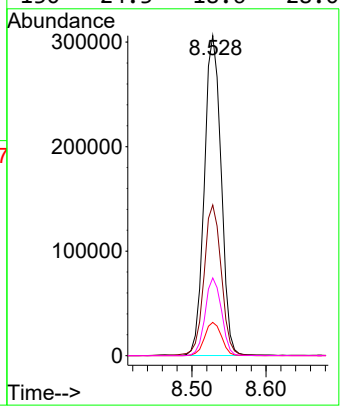


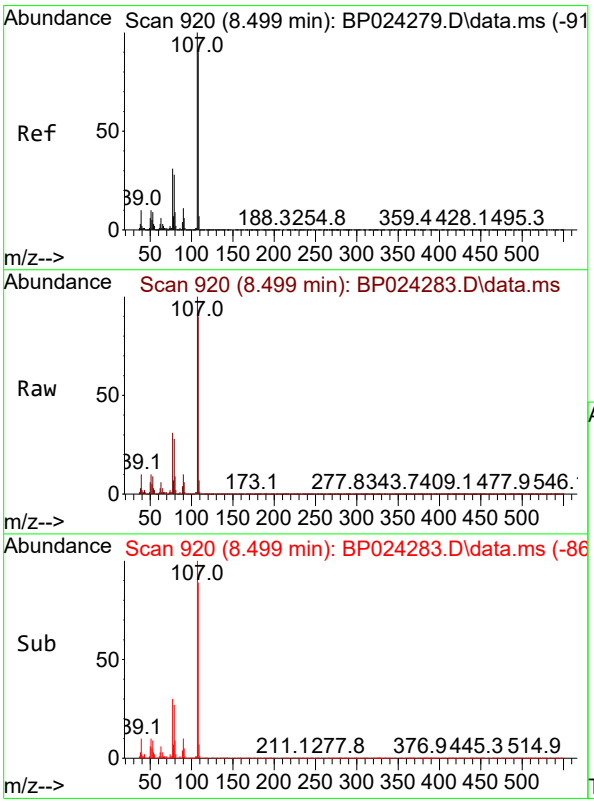
#19
n-Nitroso-di-n-propylamine
Concen: 40.471 ng
RT: 8.528 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion: 70 Resp: 481540

Ion	Ratio	Lower	Upper
70	100		
42	47.1	37.3	55.9
101	10.4	8.2	12.4
130	24.3	18.6	28.0

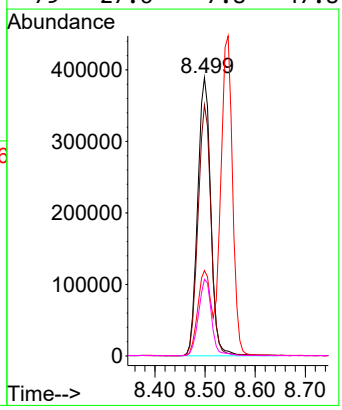


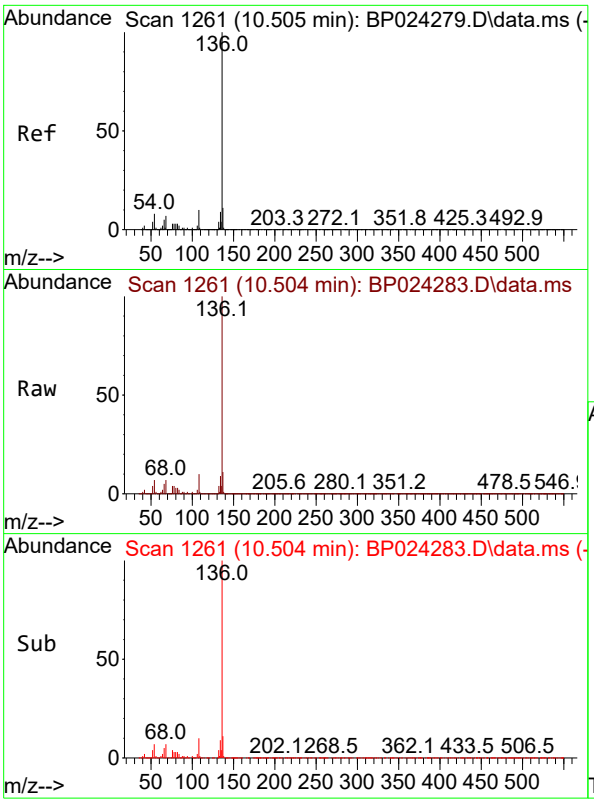


#20
3+4-Methylphenols
Concen: 40.810 ng
RT: 8.499 min Scan# 920
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:107 Resp: 706733

Ion	Ratio	Lower	Upper
107	100		
108	90.2	69.8	109.8
77	30.7	11.5	51.5
79	27.6	7.8	47.8



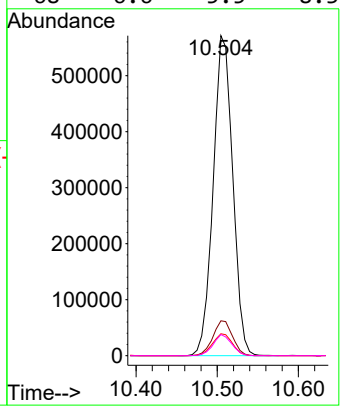


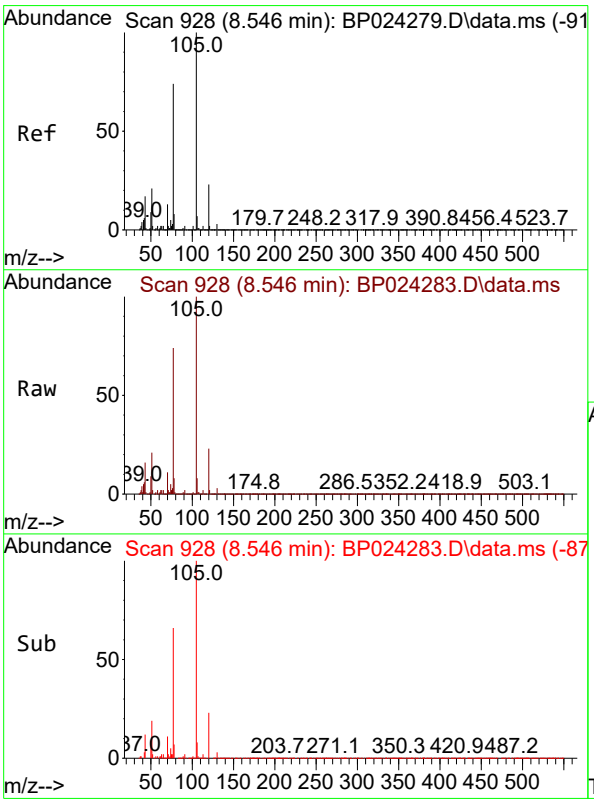
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:136 Resp: 956448

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.8	6.0	9.0
68	6.6	5.5	8.3

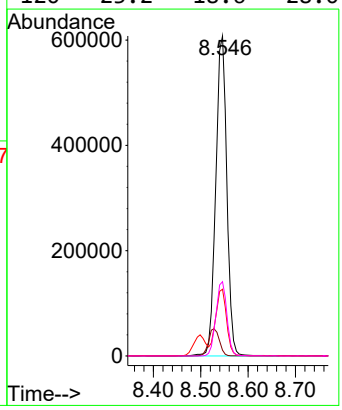


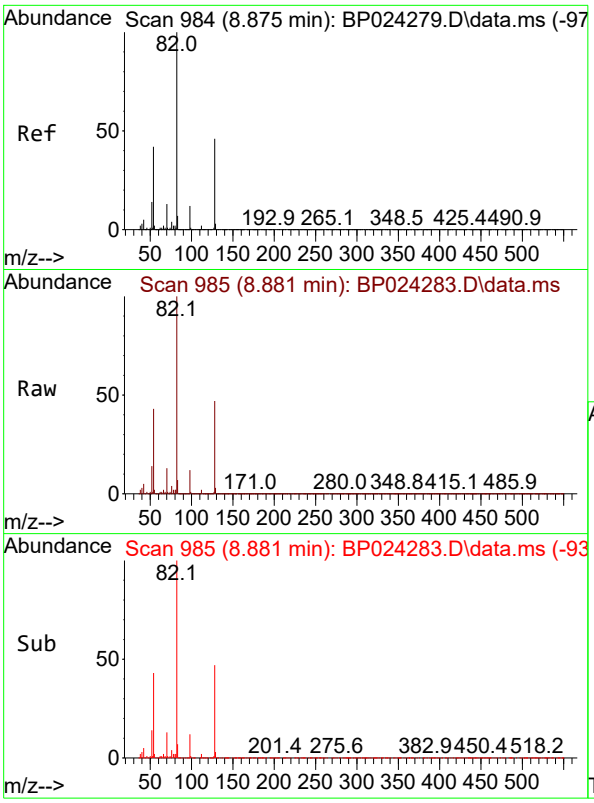


#22
Acetophenone
Concen: 41.652 ng
RT: 8.546 min Scan# 928
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:105 Resp: 986019

Ion	Ratio	Lower	Upper
105	100		
71	1.8	1.7	2.5
51	20.8	16.9	25.3
120	23.2	18.6	28.0



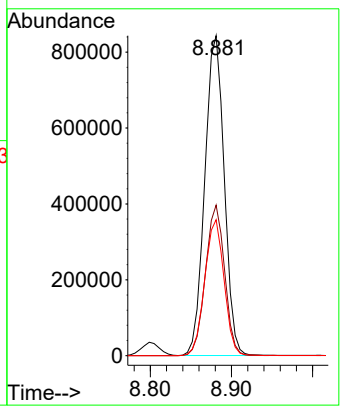


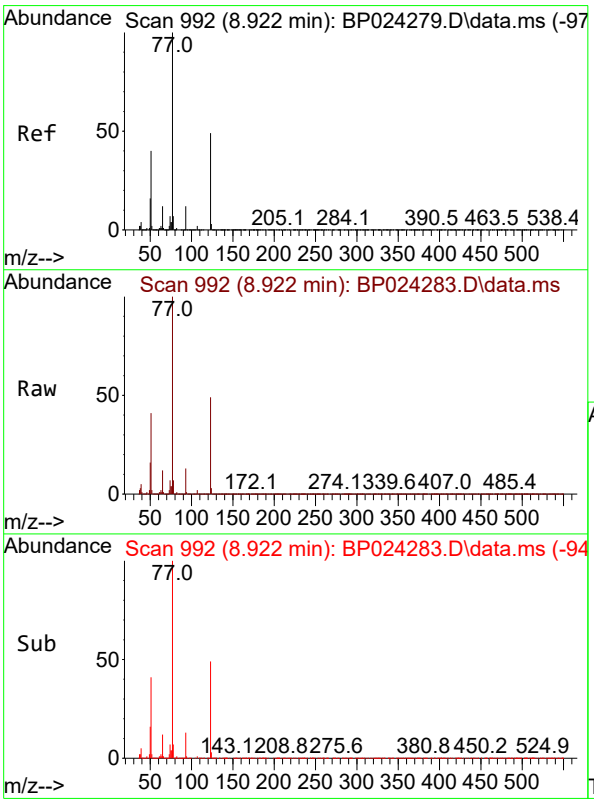
#23
Nitrobenzene-d5
Concen: 83.531 ng
RT: 8.881 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion: 82 Resp: 1401115

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.5	54.7
54	42.5	33.4	50.2

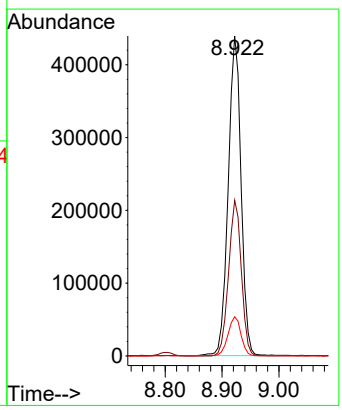


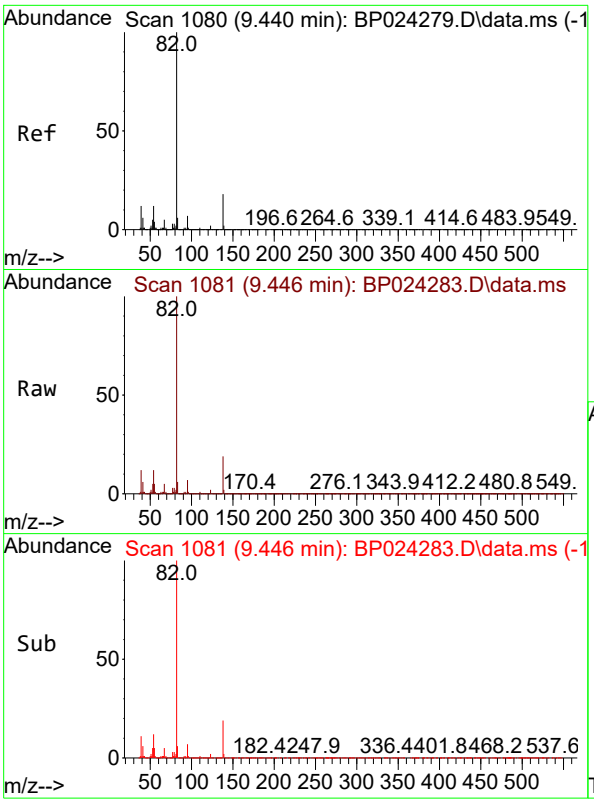


#24
Nitrobenzene
Concen: 41.537 ng
RT: 8.922 min Scan# 992
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion: 77 Resp: 689231

Ion	Ratio	Lower	Upper
77	100		
123	48.7	39.2	58.8
65	12.2	9.8	14.6



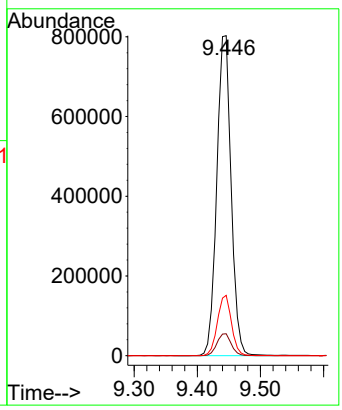


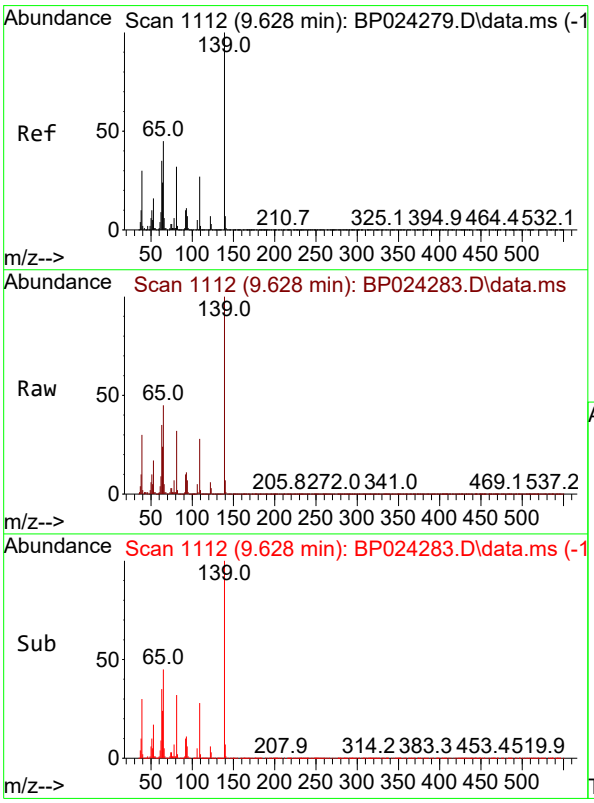
#25
Isophorone
Concen: 41.648 ng
RT: 9.446 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion: 82 Resp: 1264480

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.2
138	18.8	14.4	21.6

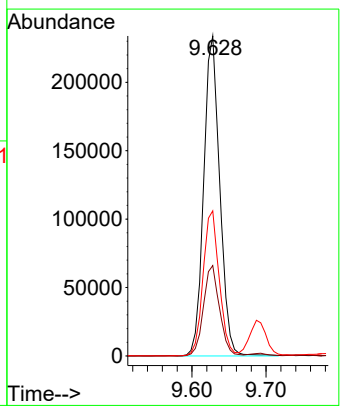


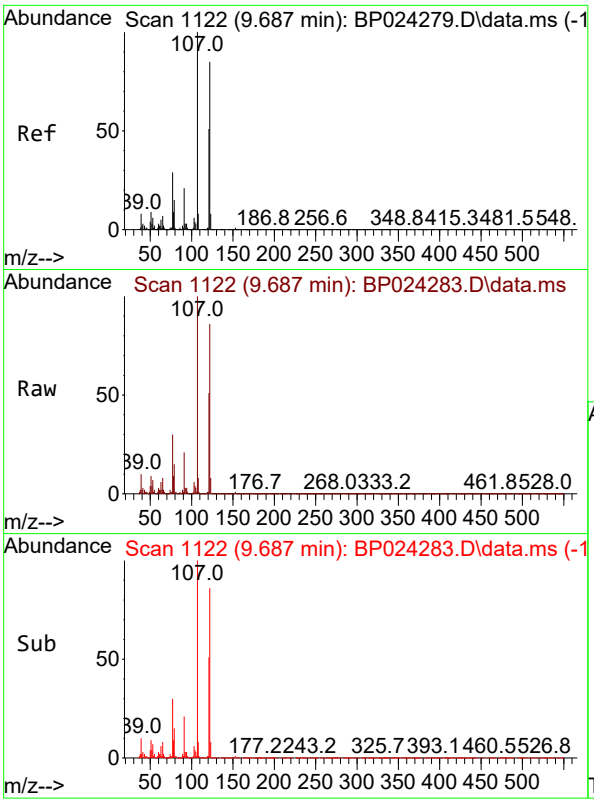


#26
2-Nitrophenol
Concen: 43.376 ng
RT: 9.628 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:139 Resp: 352229

Ion	Ratio	Lower	Upper
139	100		
109	28.2	21.8	32.6
65	45.3	36.2	54.2



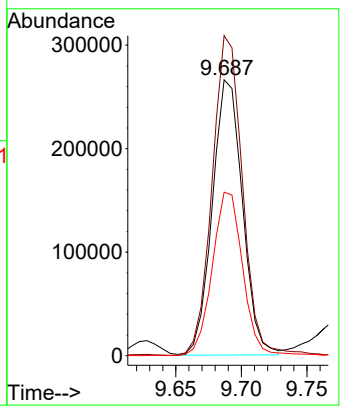


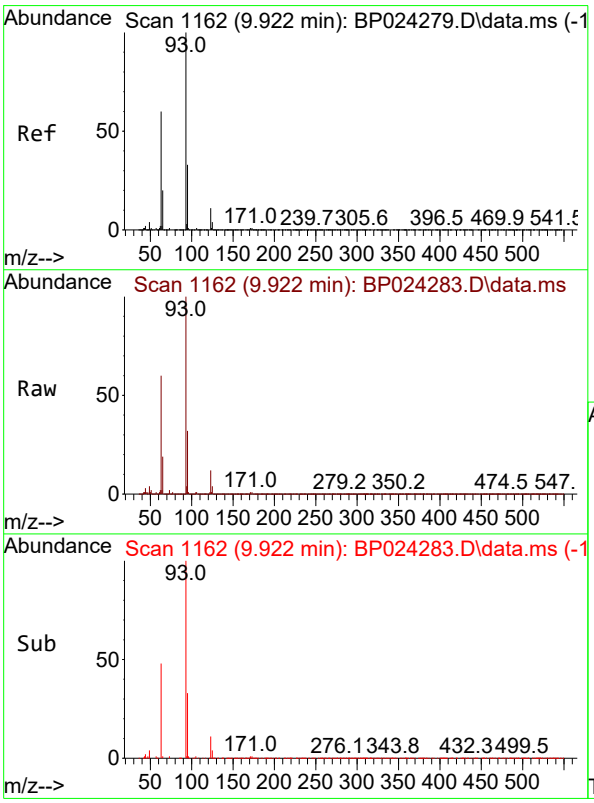
#27
2,4-Dimethylphenol
Concen: 41.689 ng
RT: 9.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:122 Resp: 425062

Ion	Ratio	Lower	Upper
122	100		
107	116.0	93.7	140.5
121	59.3	48.2	72.2

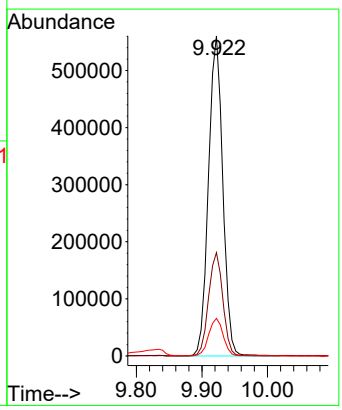


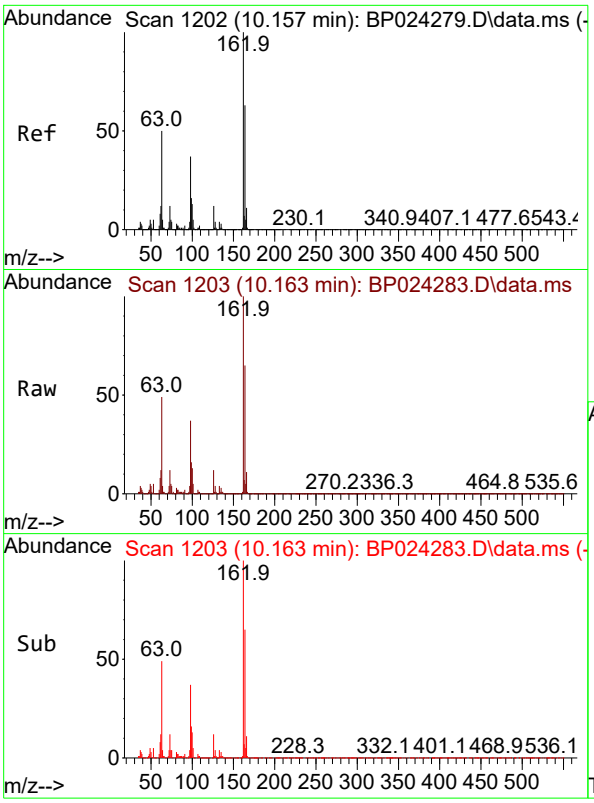


#28
bis(2-Chloroethoxy)methane
Concen: 41.402 ng
RT: 9.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion: 93 Resp: 849161

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.0	39.0
123	11.7	9.1	13.7



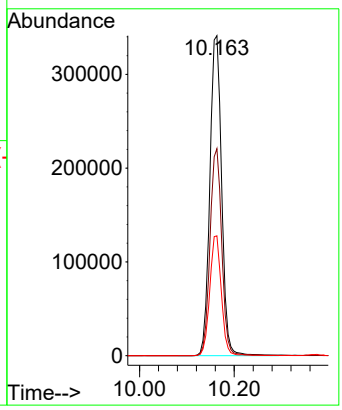


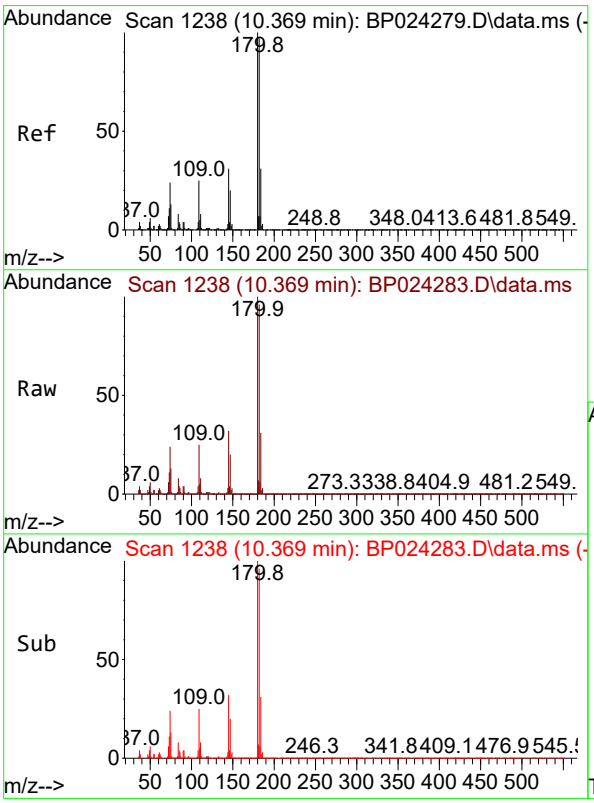
#29
2,4-Dichlorophenol
Concen: 42.461 ng
RT: 10.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:162 Resp: 590306

Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.3	83.3
98	37.4	16.6	56.6

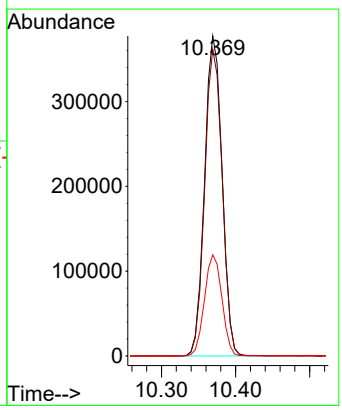


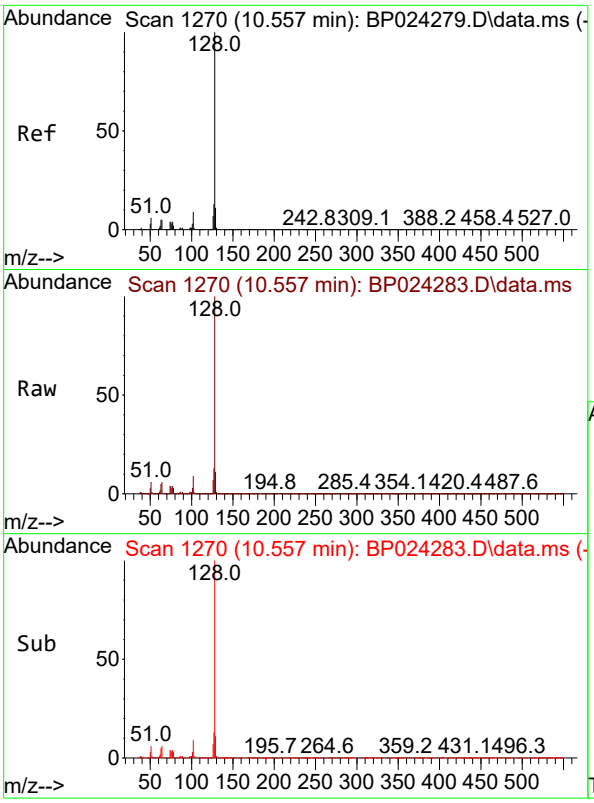


#30
1,2,4-Trichlorobenzene
Concen: 41.612 ng
RT: 10.369 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:180 Resp: 619818

Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.3	115.9
145	31.6	25.1	37.7



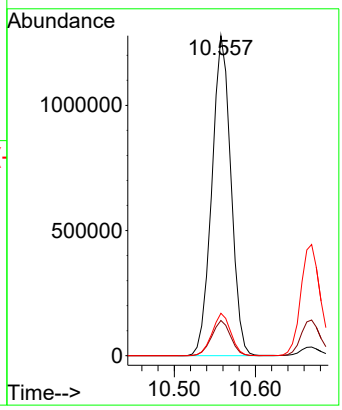


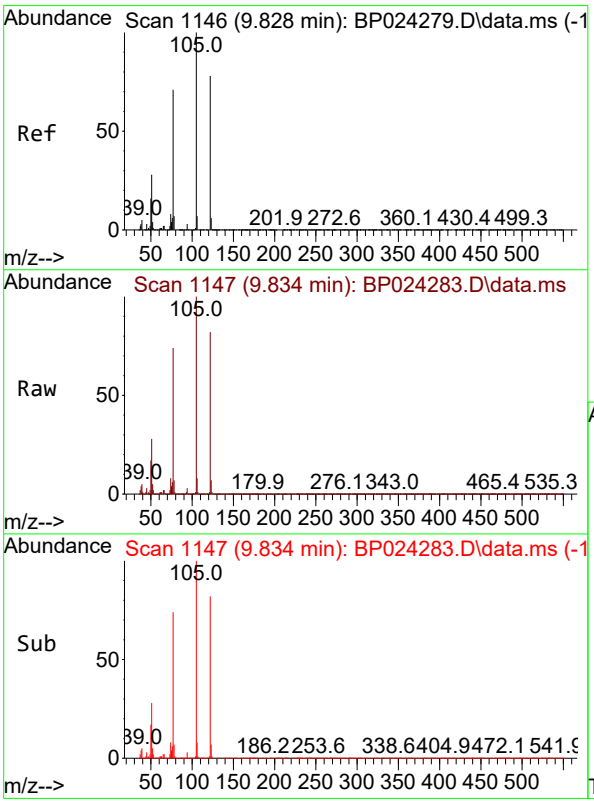
#31
Naphthalene
Concen: 41.386 ng
RT: 10.557 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:128 Resp: 2085090

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.2	10.3	15.5

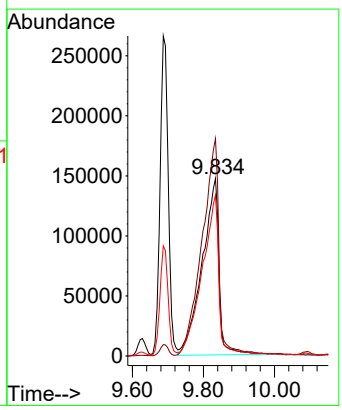


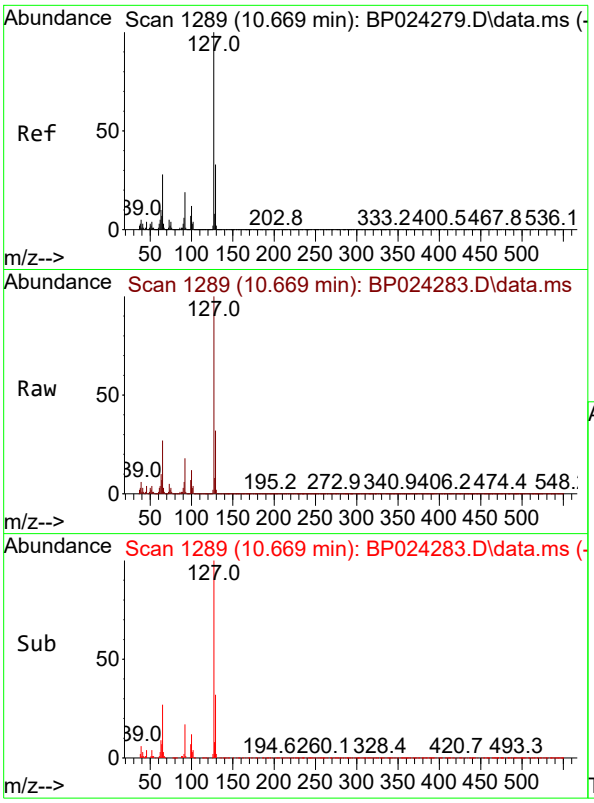


#32
Benzoic acid
Concen: 40.959 ng
RT: 9.834 min Scan# 1147
Delta R.T. -0.041 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:122 Resp: 486627

Ion	Ratio	Lower	Upper
122	100		
105	122.5	104.8	144.8
77	90.6	69.2	109.2



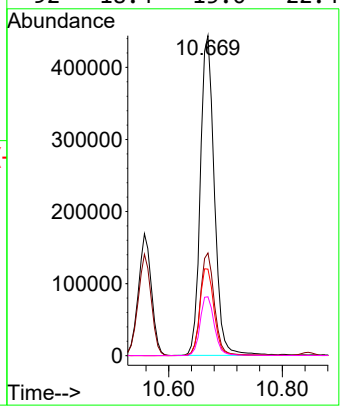


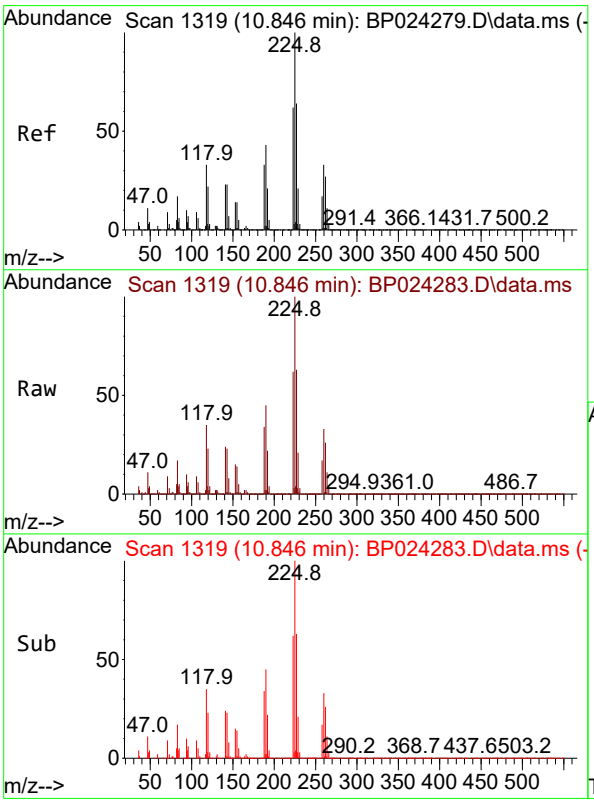
#33
4-Chloroaniline
Concen: 42.937 ng
RT: 10.669 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:127 Resp: 761817

Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.1	39.1
65	27.1	22.1	33.1
92	18.4	15.0	22.4

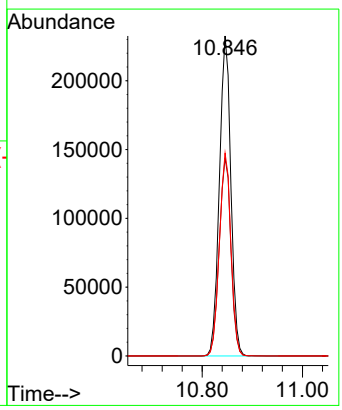


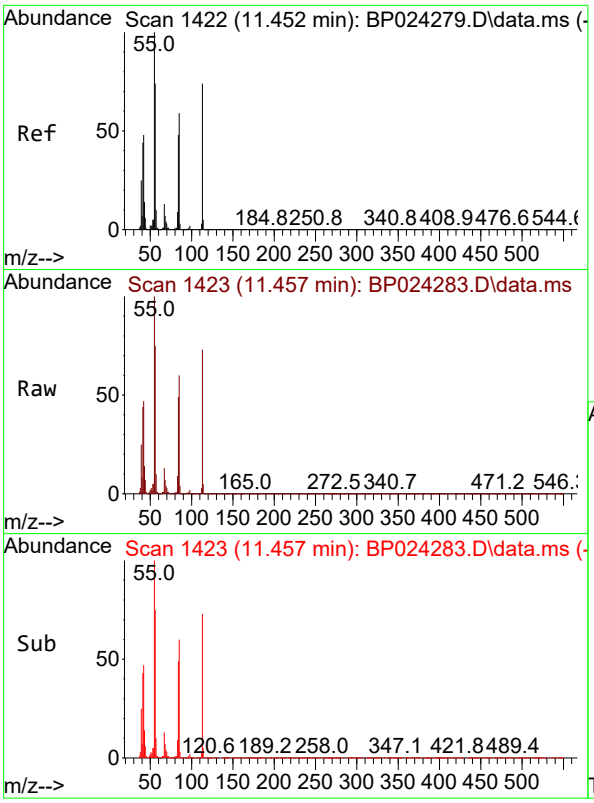


#34
Hexachlorobutadiene
Concen: 42.007 ng
RT: 10.846 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:225 Resp: 367684

Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.5	74.3
227	63.4	50.9	76.3



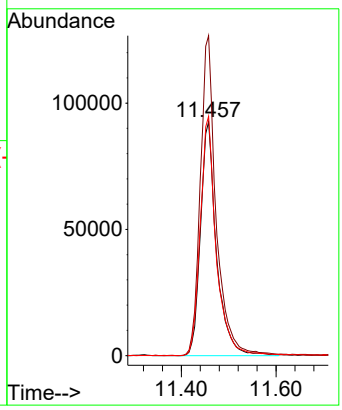


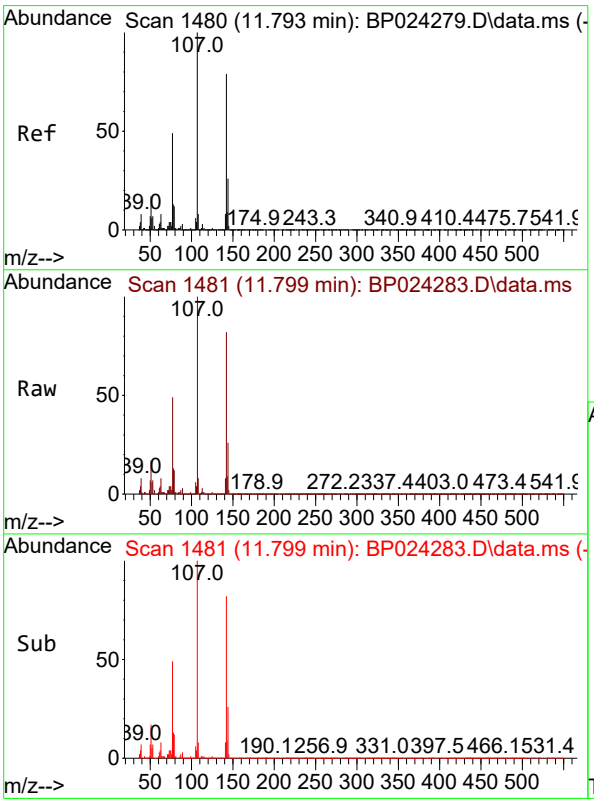
#35
Caprolactam
Concen: 42.152 ng
RT: 11.457 min Scan# 14
Delta R.T. -0.023 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:113 Resp: 216229

Ion	Ratio	Lower	Upper
113	100		
55	136.8	115.9	155.9
56	102.3	81.1	121.1

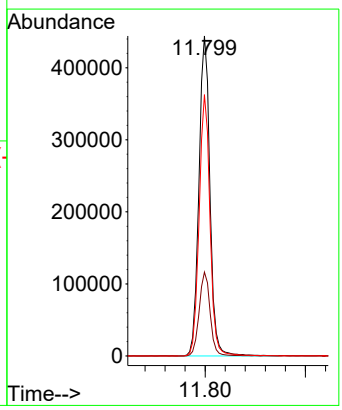


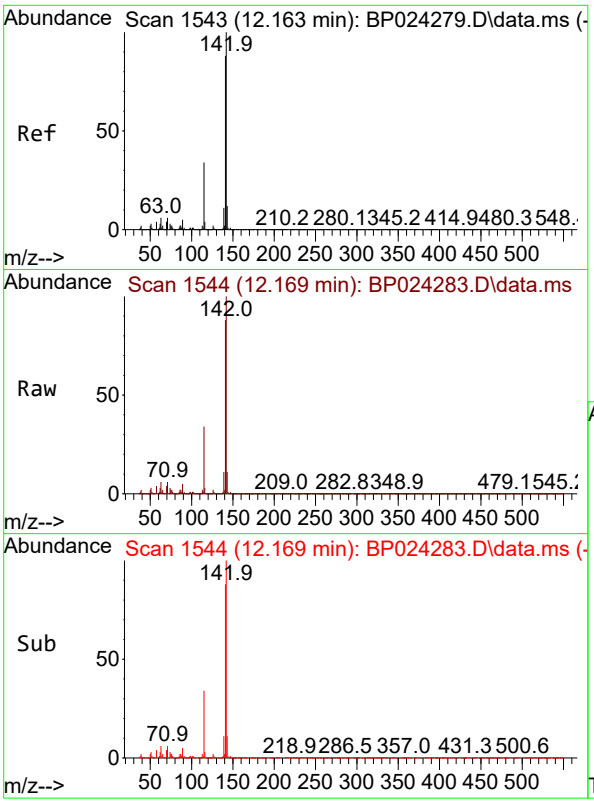


#36
4-Chloro-3-methylphenol
Concen: 41.737 ng
RT: 11.799 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:107 Resp: 675857

Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.5	30.7
142	81.6	63.4	95.2



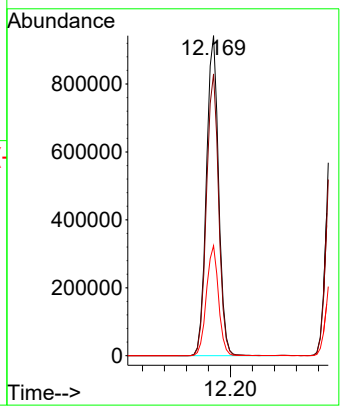


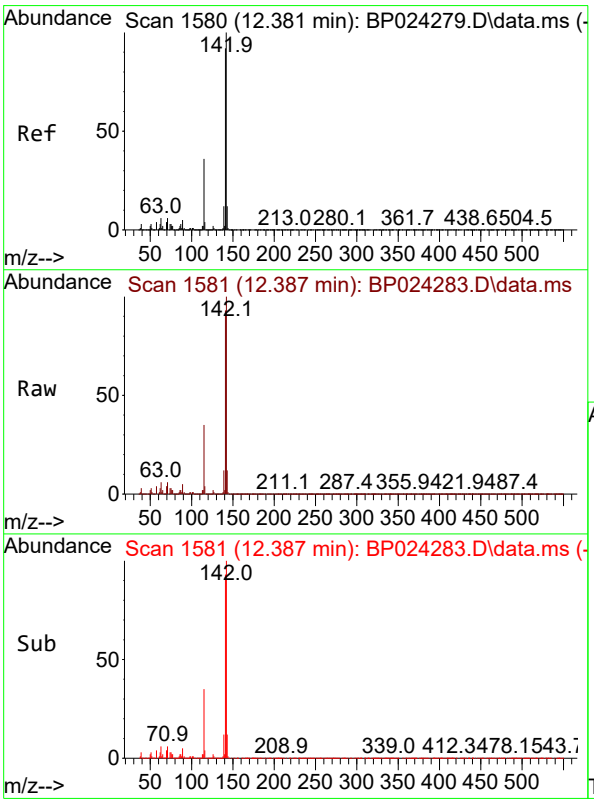
#37
2-Methylnaphthalene
Concen: 41.403 ng
RT: 12.169 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:142 Resp: 1446647

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.3	105.5
115	34.4	26.9	40.3

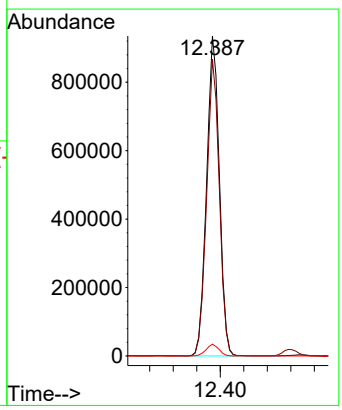


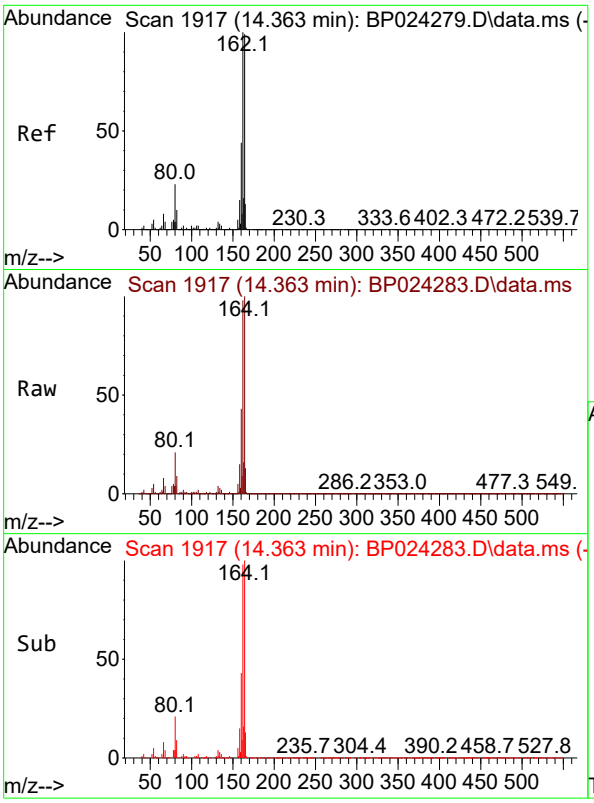


#38
1-Methylnaphthalene
Concen: 41.210 ng
RT: 12.387 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:142 Resp: 1408633

Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.6	110.4
116	3.7	3.0	4.6



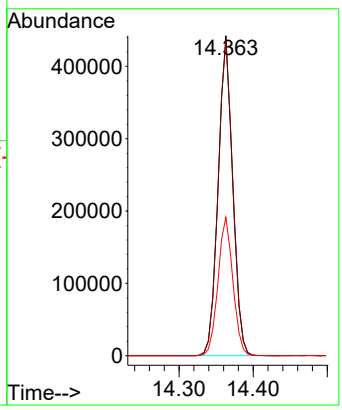


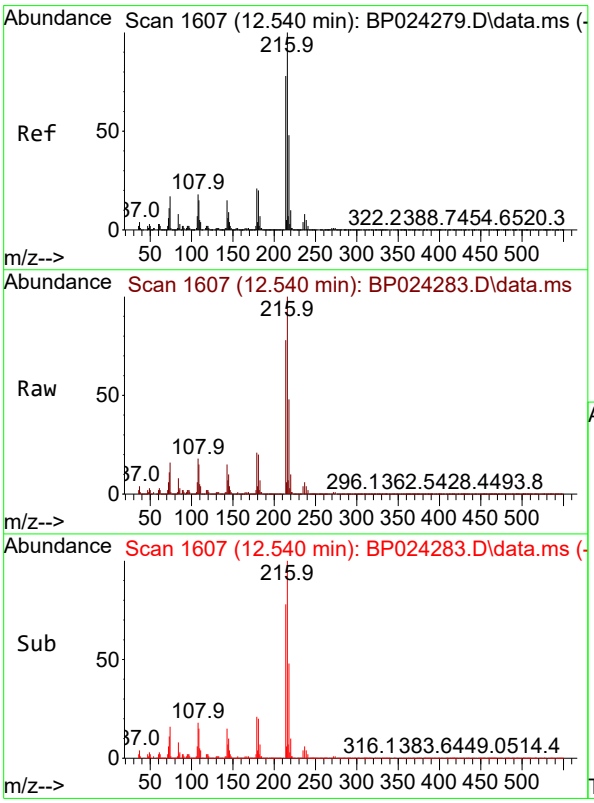
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:164 Resp: 600031

Ion	Ratio	Lower	Upper
164	100		
162	98.5	80.6	120.8
160	43.2	35.3	52.9

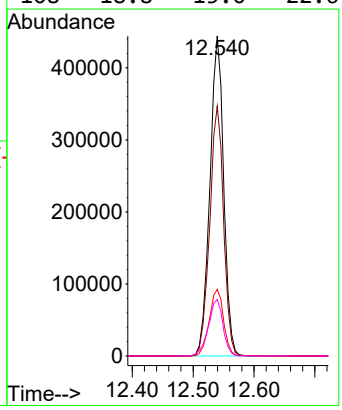


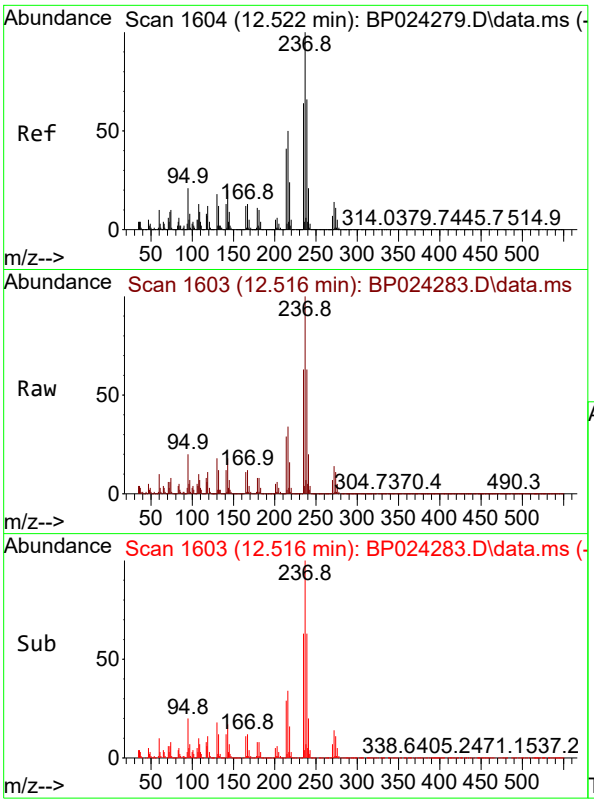


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.275 ng
RT: 12.540 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:216 Resp: 697580

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.6	93.8
179	21.5	17.2	25.8
108	18.8	15.0	22.6



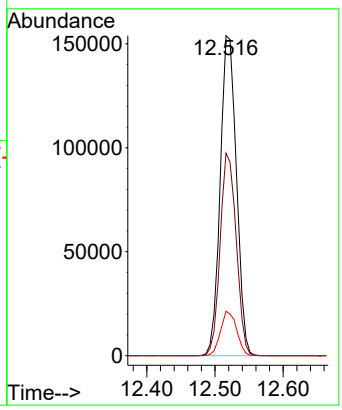


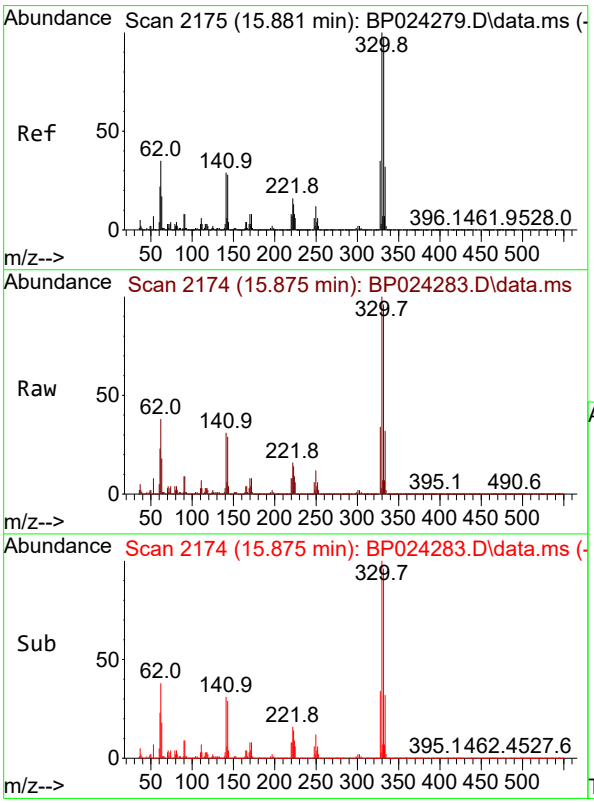
#41
Hexachlorocyclopentadiene
Concen: 43.639 ng
RT: 12.516 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:237 Resp: 254676

Ion	Ratio	Lower	Upper
237	100		
235	63.3	43.9	83.9
272	13.9	0.0	33.6

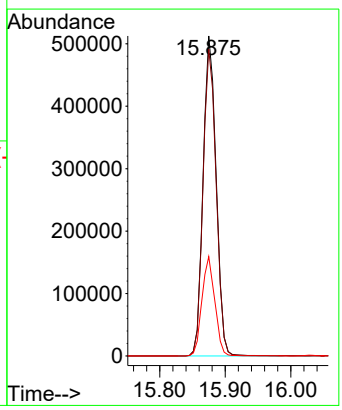


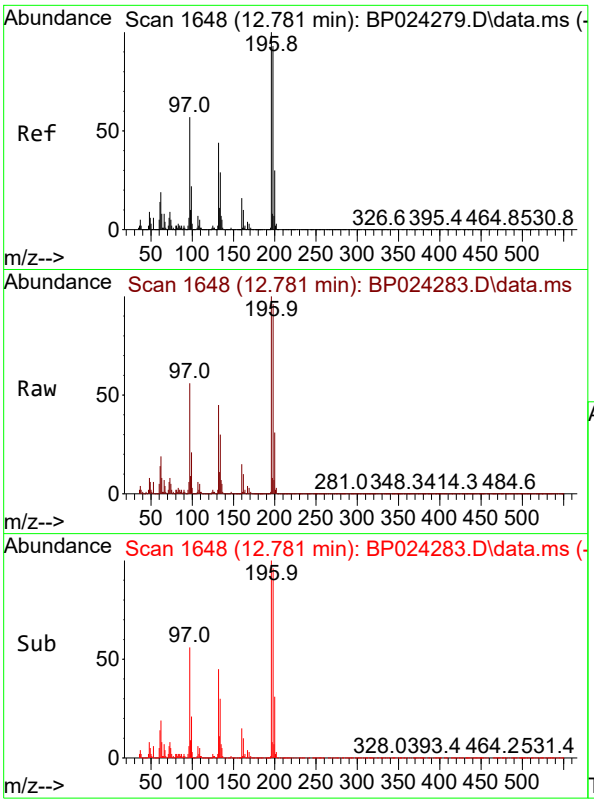


#42
2,4,6-Tribromophenol
Concen: 85.488 ng
RT: 15.875 min Scan# 2174
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:330 Resp: 709703

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	30.7	24.7	37.1



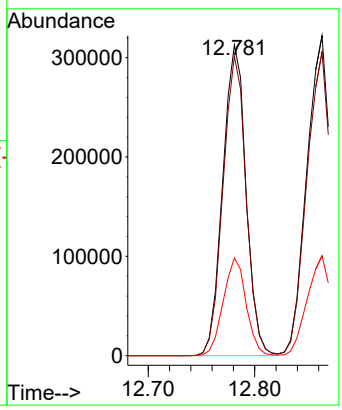


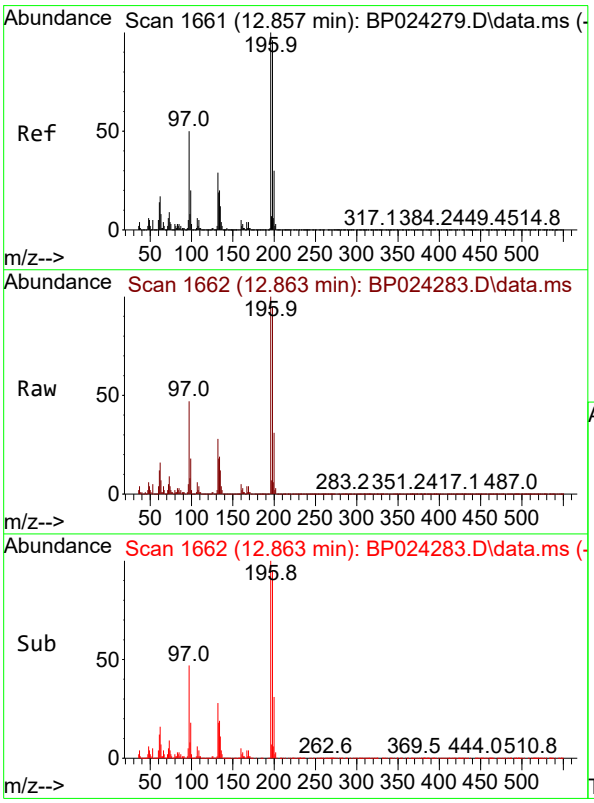
#43
2,4,6-Trichlorophenol
Concen: 43.329 ng
RT: 12.781 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:196 Resp: 475349

Ion	Ratio	Lower	Upper
196	100		
198	96.3	74.3	111.5
200	31.4	24.0	36.0

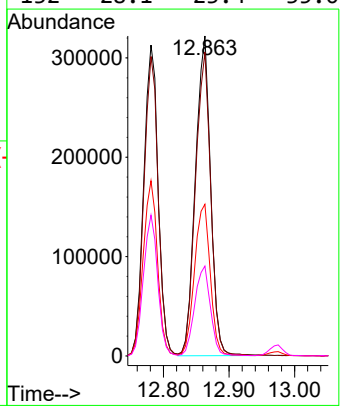


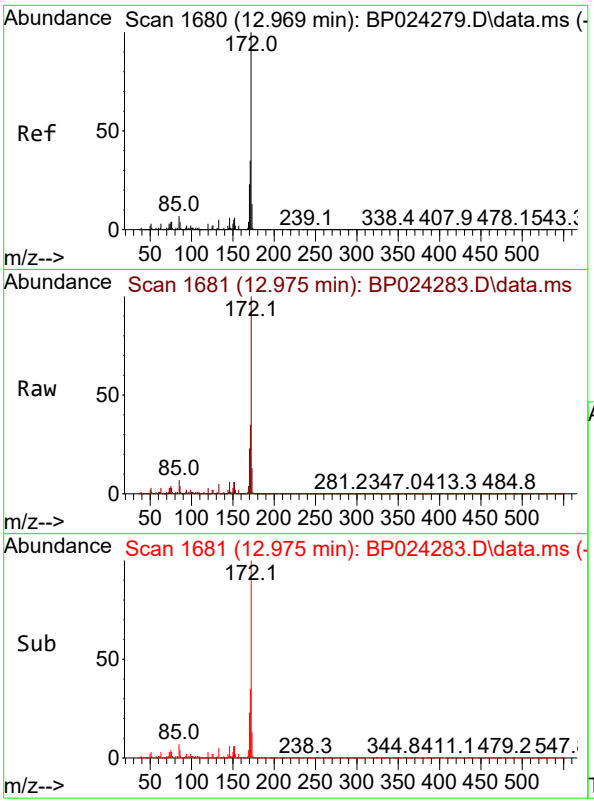


#44
2,4,5-Trichlorophenol
Concen: 42.828 ng
RT: 12.863 min Scan# 1662
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:196 Resp: 520298

Ion	Ratio	Lower	Upper
196	100		
198	95.0	77.3	115.9
97	47.4	40.4	60.6
132	28.1	23.4	35.0



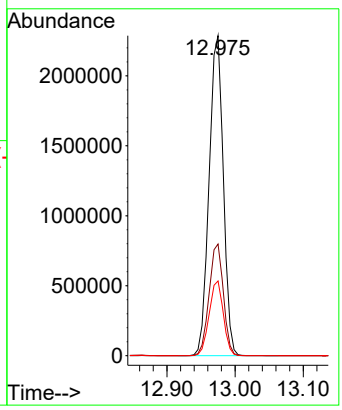


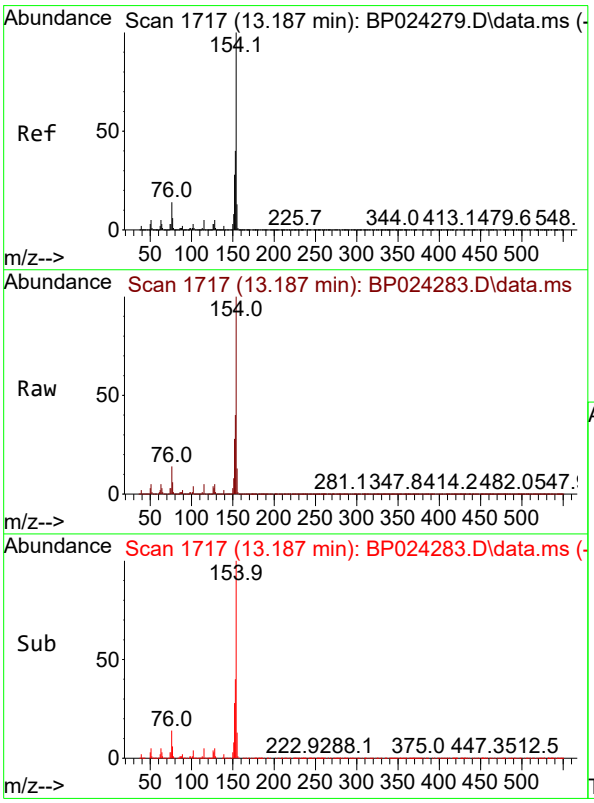
#45
2-Fluorobiphenyl
Concen: 84.715 ng
RT: 12.975 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:172 Resp: 3319933

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	23.3	18.6	27.8

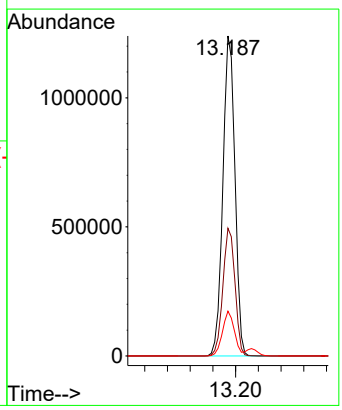


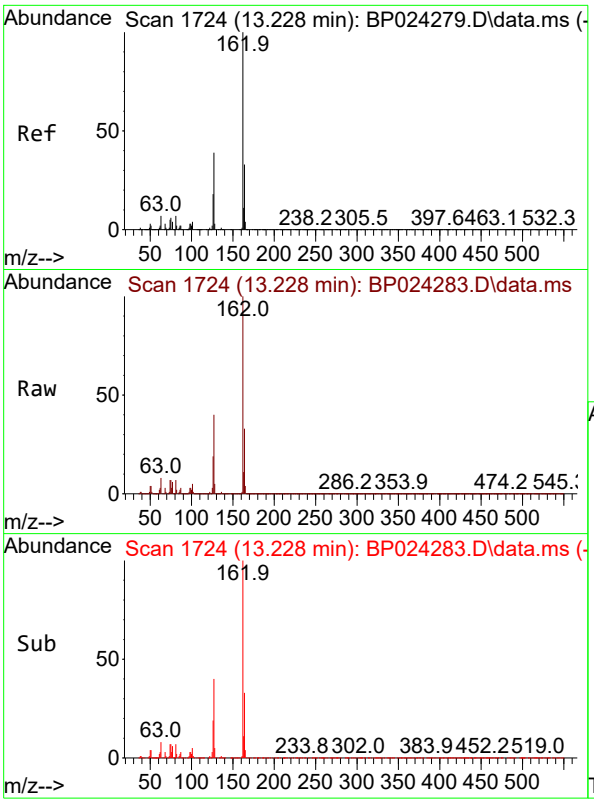


#46
1,1'-Biphenyl
Concen: 41.595 ng
RT: 13.187 min Scan# 1717
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:154 Resp: 1834570

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.3	60.3
76	14.0	0.0	33.5



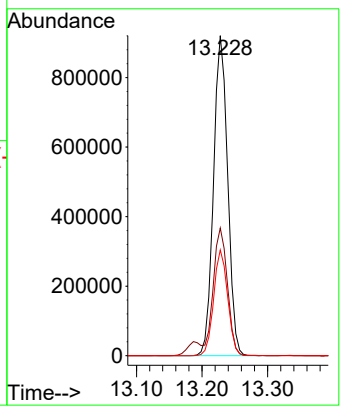


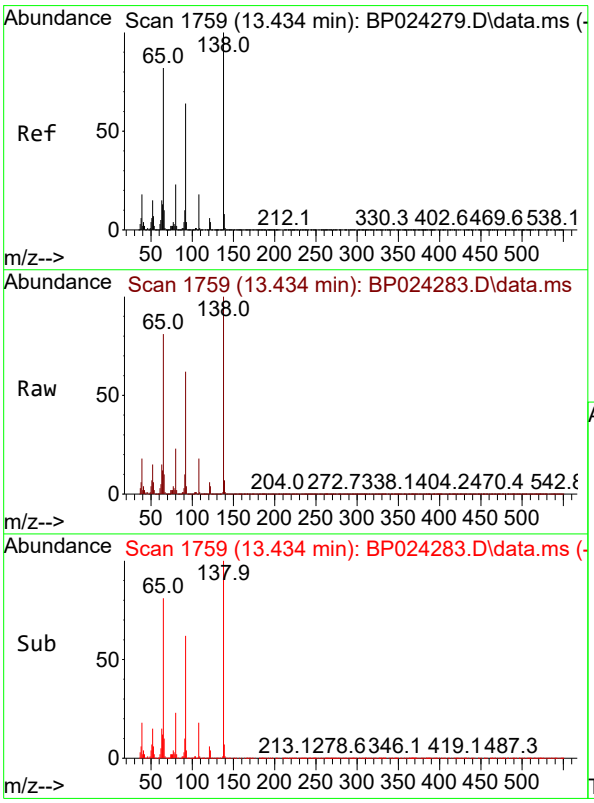
#47
2-Chloronaphthalene
Concen: 41.786 ng
RT: 13.228 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:162 Resp: 1377424

Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.9	47.9
164	33.0	26.2	39.4

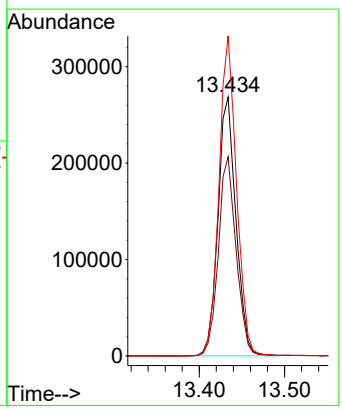


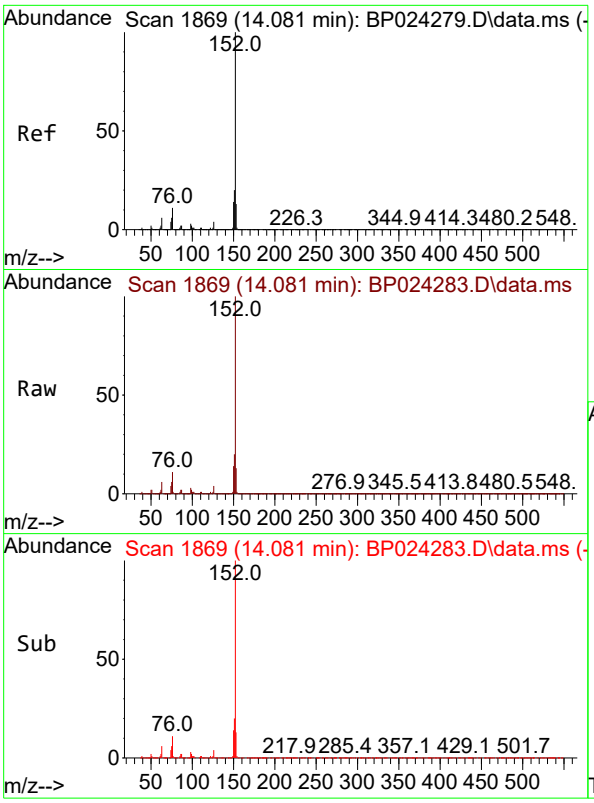


#48
2-Nitroaniline
Concen: 42.475 ng
RT: 13.434 min Scan# 1759
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion: 65 Resp: 392742

Ion	Ratio	Lower	Upper
65	100		
92	77.0	62.3	93.5
138	123.6	97.2	145.8



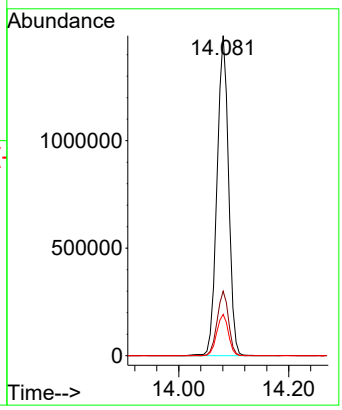


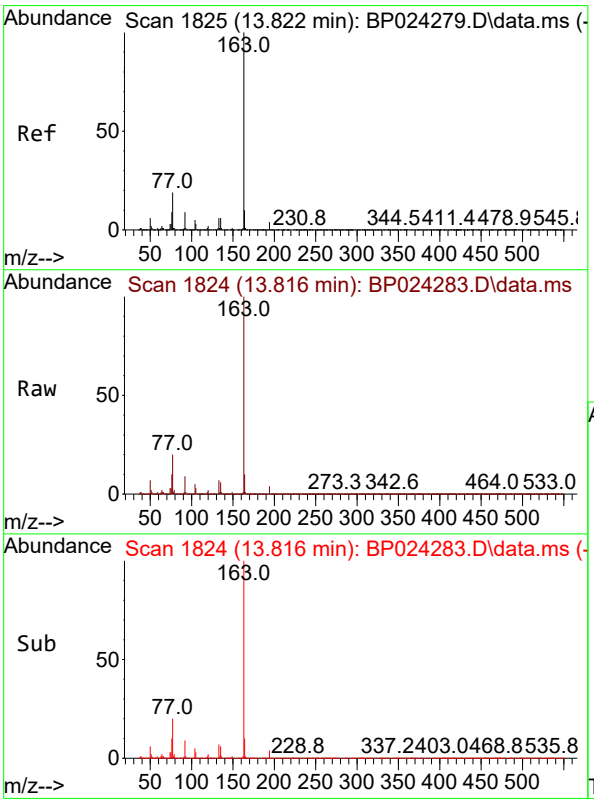
#49
Acenaphthylene
Concen: 41.783 ng
RT: 14.081 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:152 Resp: 2168474

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	12.9	10.6	15.8

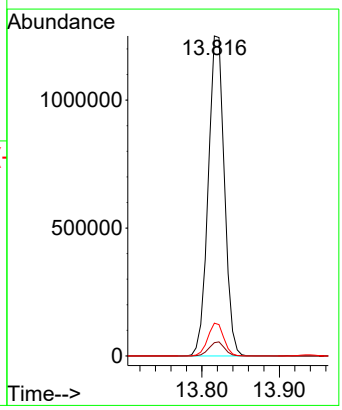


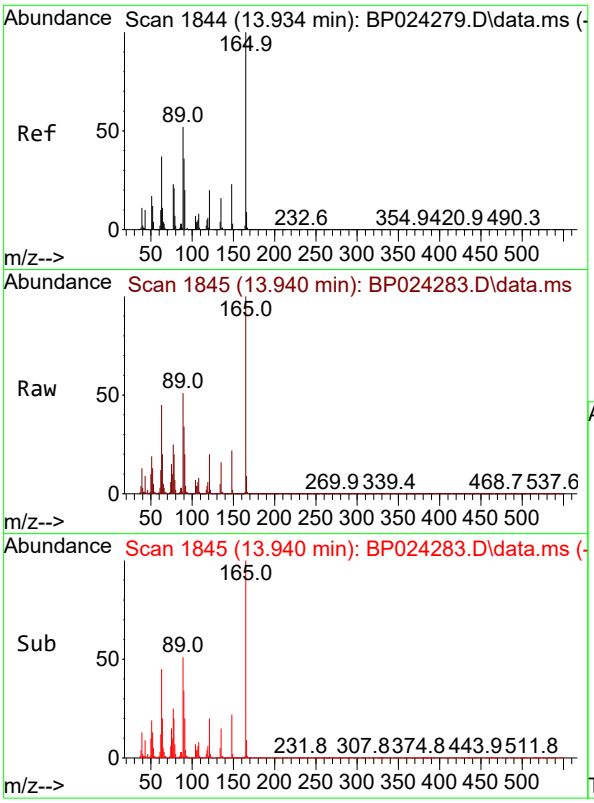


#50
Dimethylphthalate
Concen: 41.478 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:163 Resp: 1809923

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.2	8.0	12.0



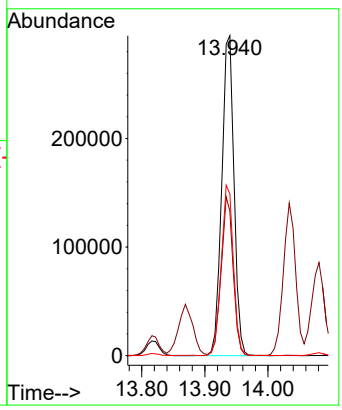


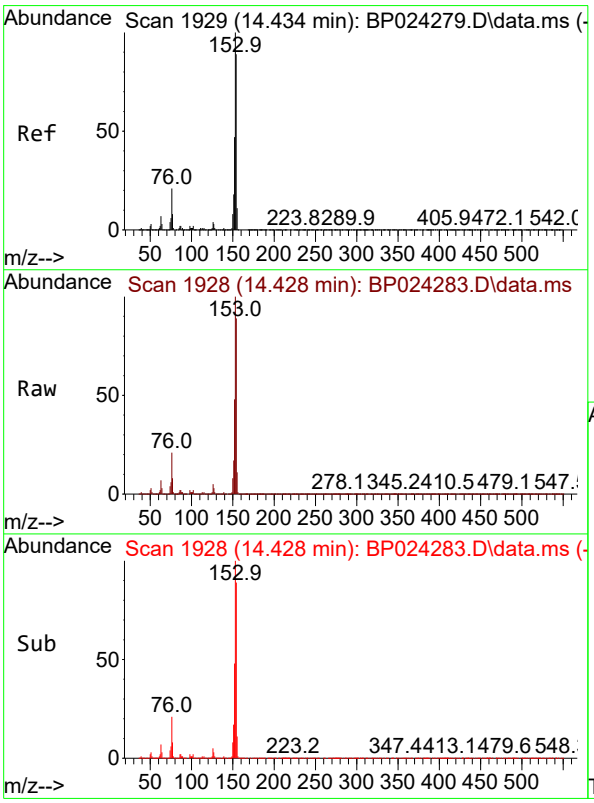
#51
2,6-Dinitrotoluene
Concen: 42.990 ng
RT: 13.940 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:165 Resp: 398345

Ion	Ratio	Lower	Upper
165	100		
63	45.1	38.0	57.0
89	50.5	41.7	62.5

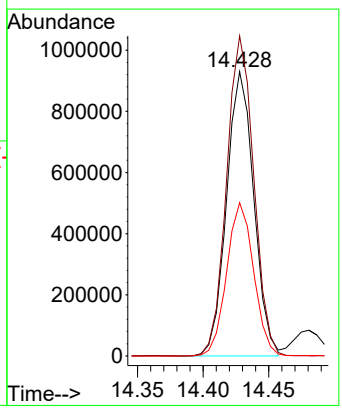


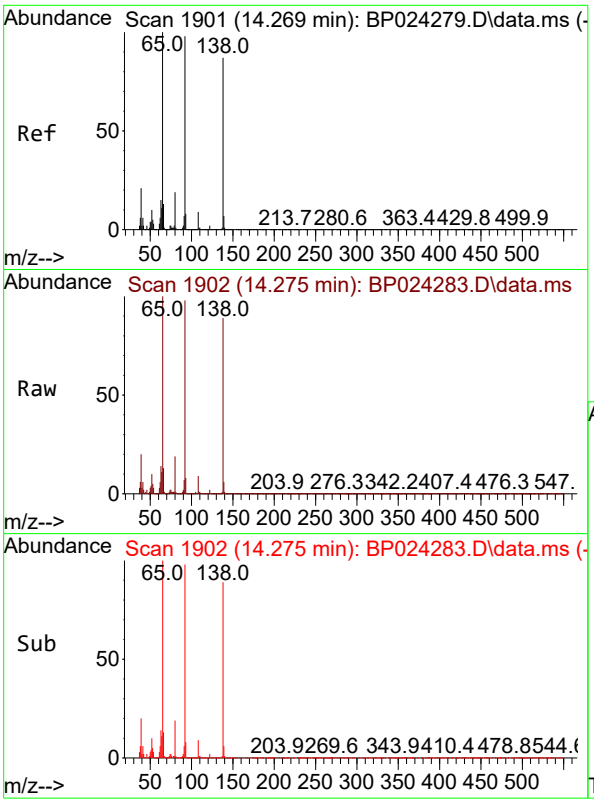


#52
Acenaphthene
Concen: 40.853 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:154 Resp: 1344151

Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.8	134.6
152	53.9	42.6	63.8



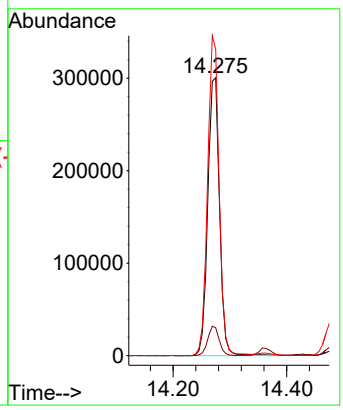


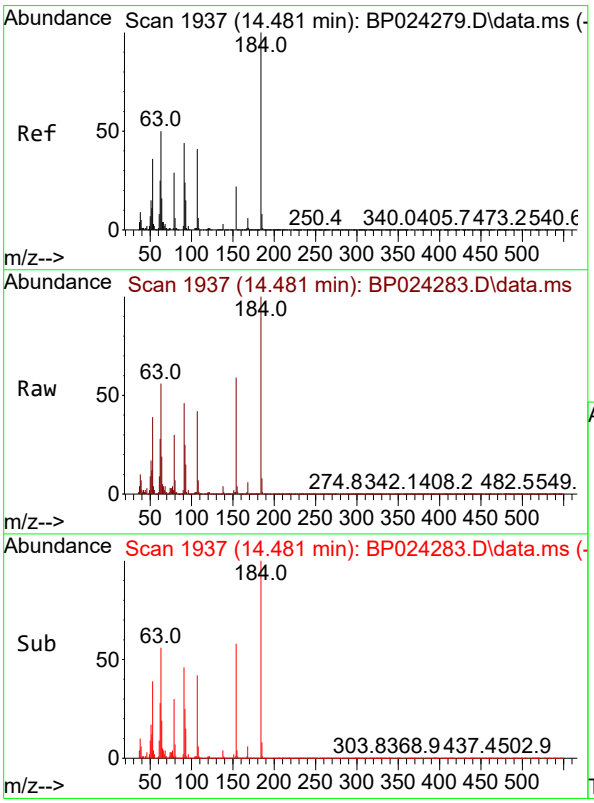
#53
3-Nitroaniline
Concen: 43.931 ng
RT: 14.275 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:138 Resp: 427828

Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.3	12.5
92	110.2	89.8	134.8

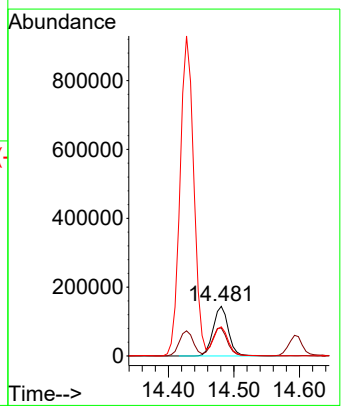


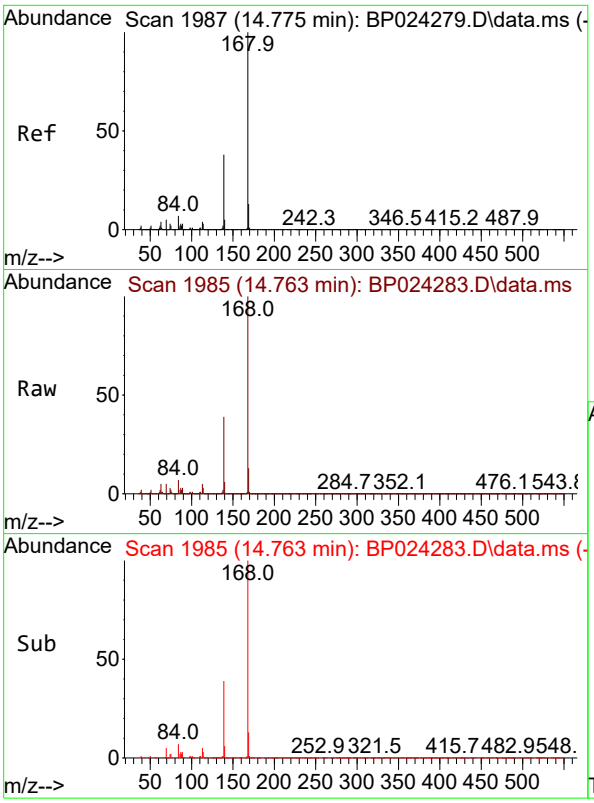


#54
2,4-Dinitrophenol
Concen: 42.485 ng
RT: 14.481 min Scan# 1937
Delta R.T. -0.011 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:184 Resp: 231882

Ion	Ratio	Lower	Upper
184	100		
63	56.3	42.6	64.0
154	58.5	47.2	70.8



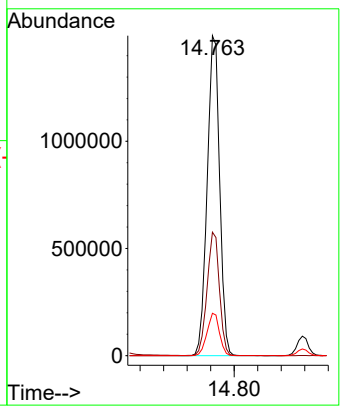


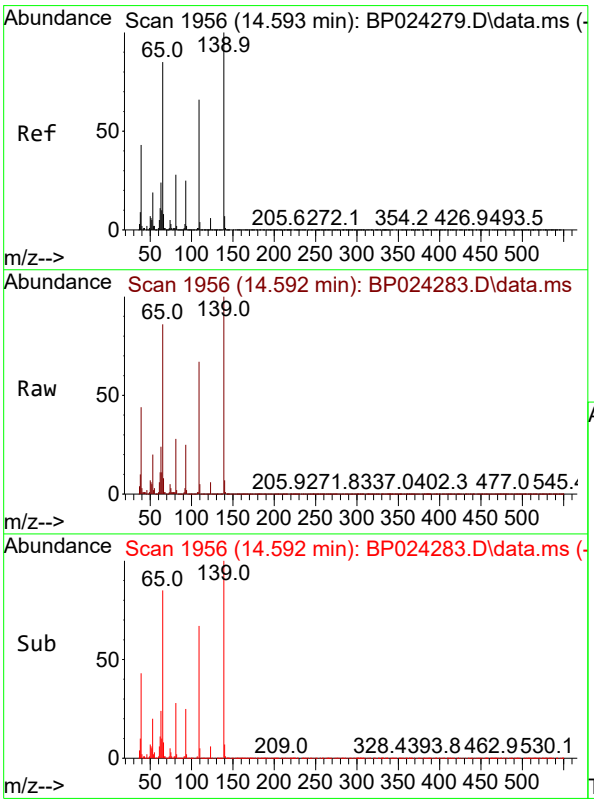
#55
Dibenzofuran
Concen: 40.679 ng
RT: 14.763 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:168 Resp: 2187786

Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.3	45.5
169	13.3	10.6	16.0

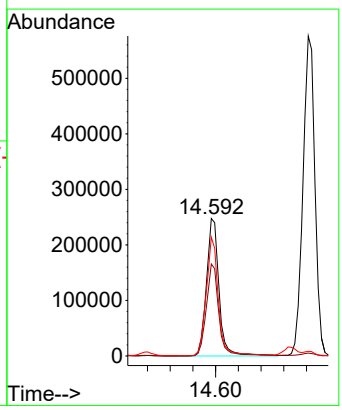


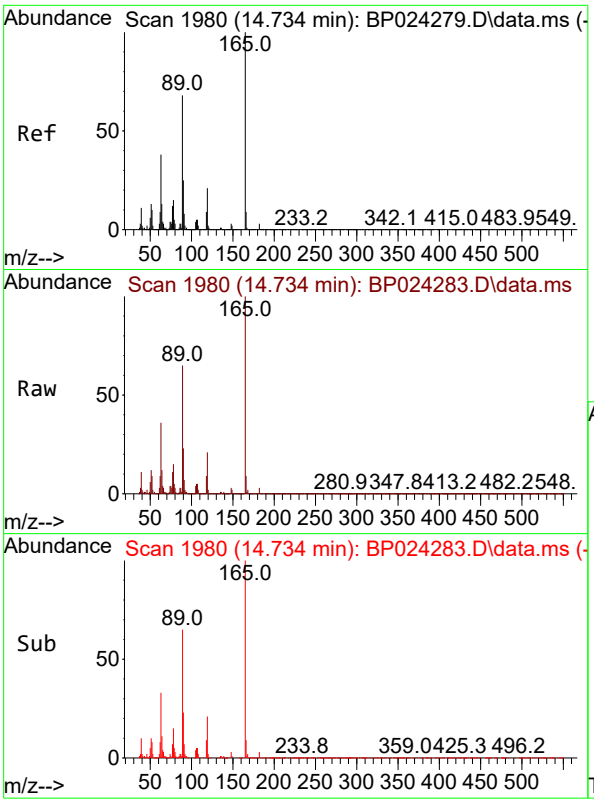


#56
4-Nitrophenol
Concen: 44.968 ng
RT: 14.592 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:139 Resp: 378214

Ion	Ratio	Lower	Upper
139	100		
109	66.9	46.1	86.1
65	86.3	65.0	105.0



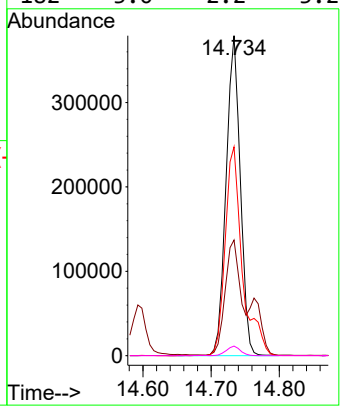


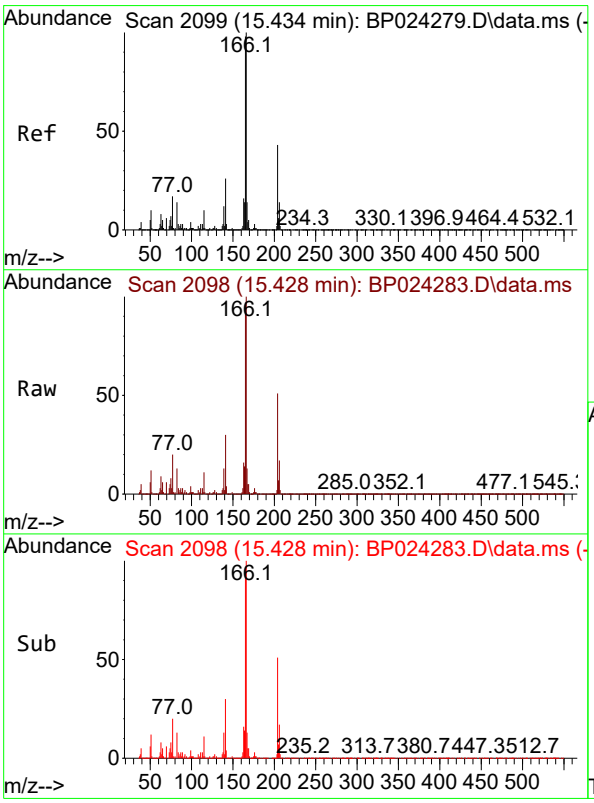
#57
2,4-Dinitrotoluene
Concen: 43.527 ng
RT: 14.734 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:165 Resp: 550175

Ion	Ratio	Lower	Upper
165	100		
63	36.1	30.4	45.6
89	65.2	54.6	82.0
182	3.0	2.2	3.2

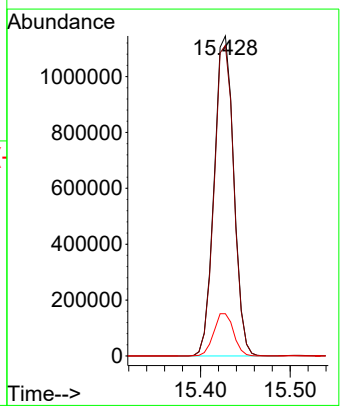


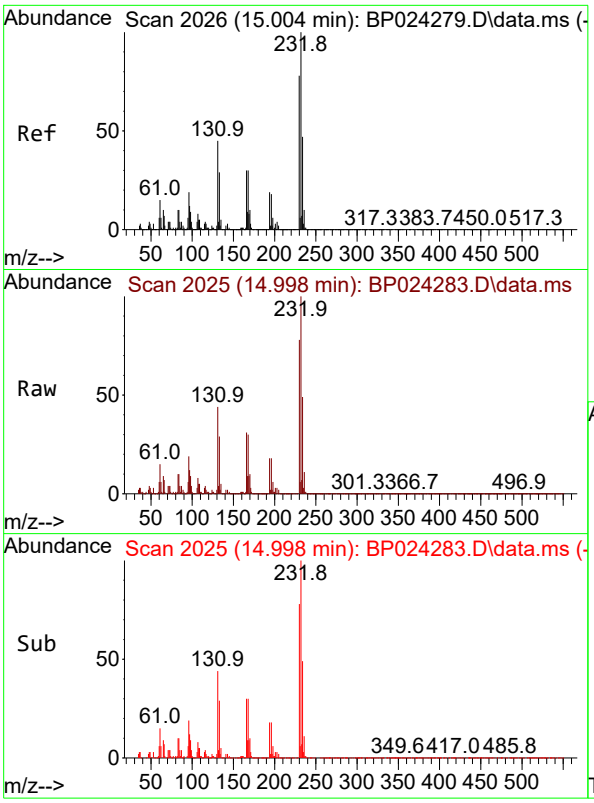


#58
Fluorene
Concen: 41.750 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:166 Resp: 1738215

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.1	117.1
167	13.2	10.9	16.3



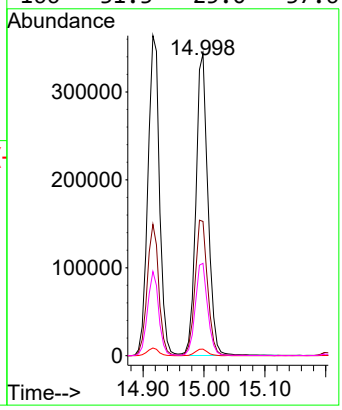


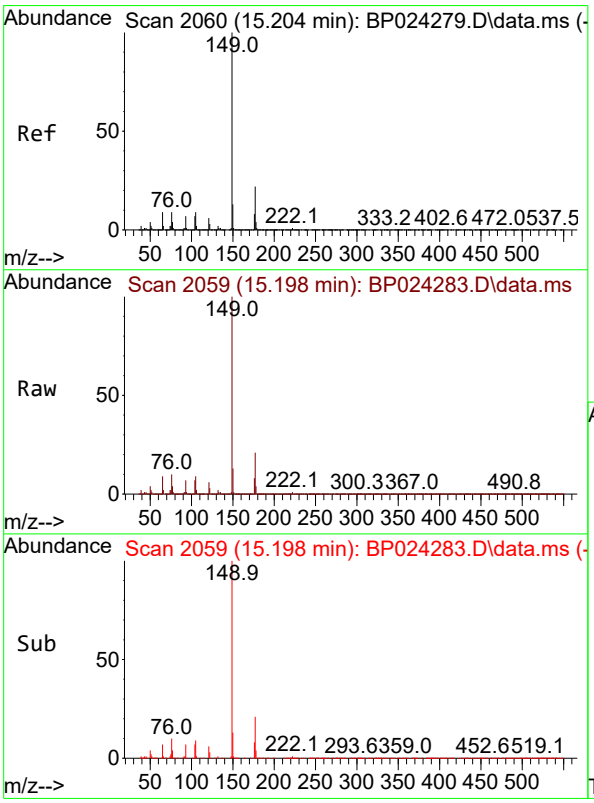
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.995 ng
RT: 14.998 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:232 Resp: 470547

Ion	Ratio	Lower	Upper
232	100		
131	46.8	36.8	55.2
130	2.3	1.9	2.9
166	31.3	25.0	37.6

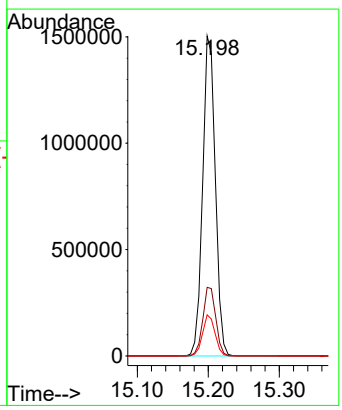


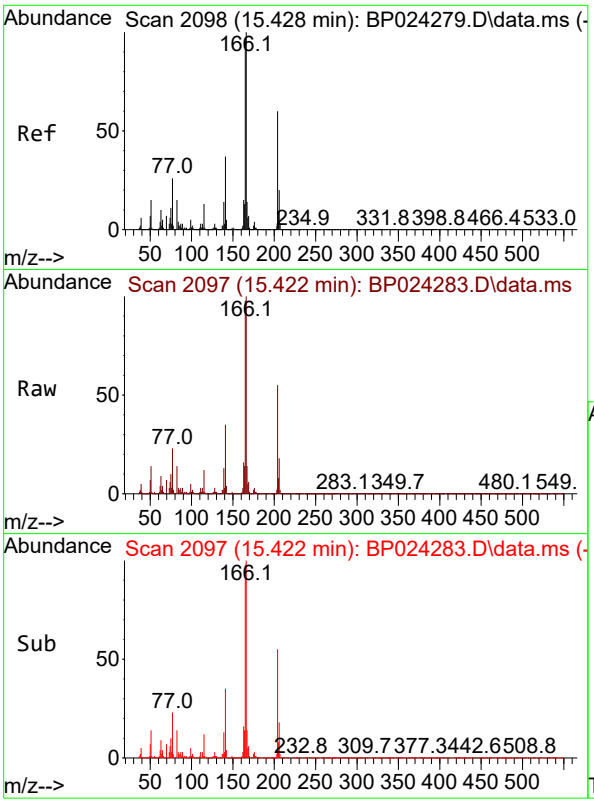


#60
Diethylphthalate
Concen: 41.570 ng
RT: 15.198 min Scan# 2059
Delta R.T. -0.023 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:149 Resp: 1869274

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.4	26.2
150	12.8	10.1	15.1



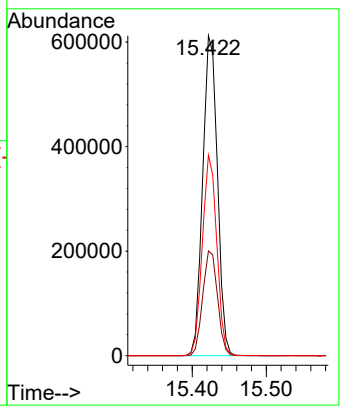


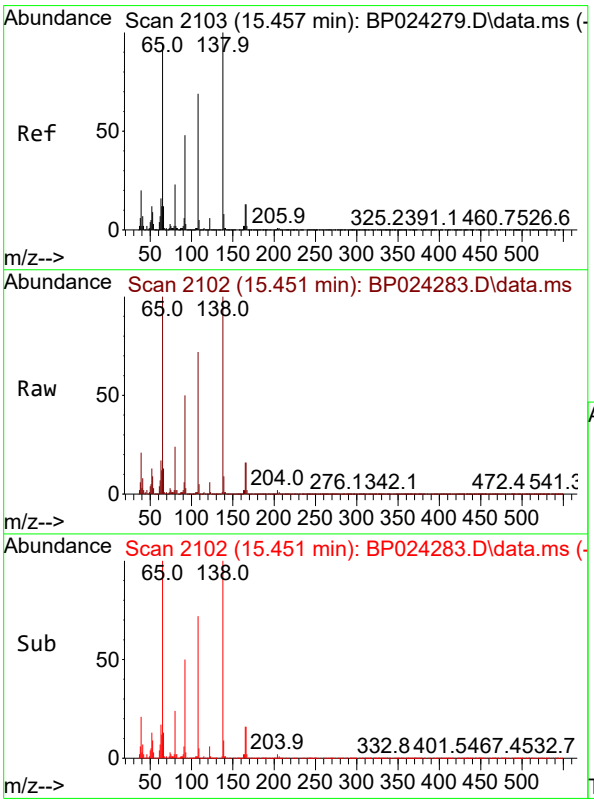
#61
4-Chlorophenyl-phenylether
Concen: 41.777 ng
RT: 15.422 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:204 Resp: 844629

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	62.6	49.4	74.0

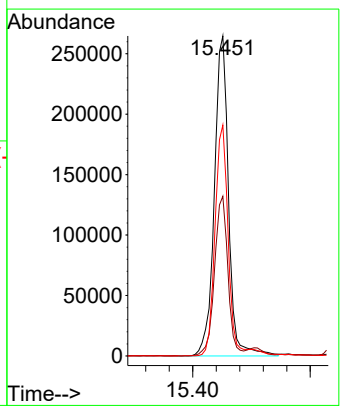


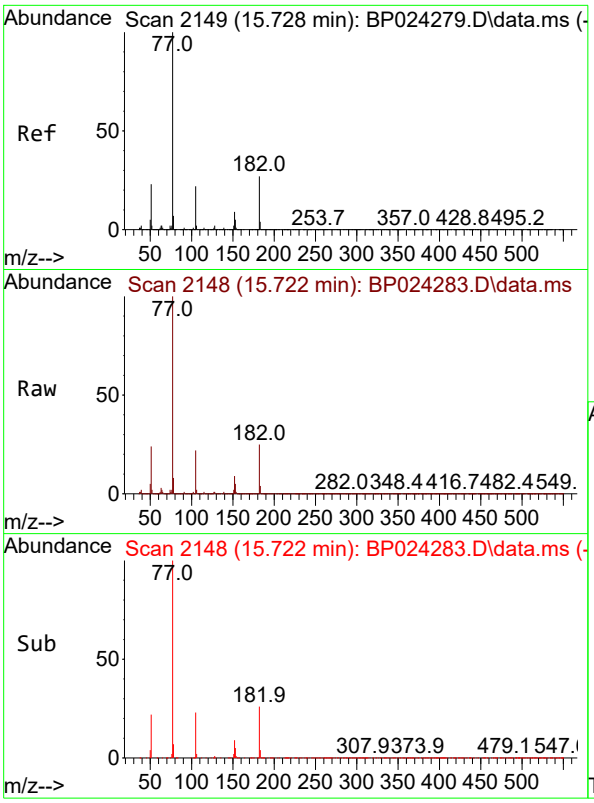


#62
4-Nitroaniline
Concen: 43.114 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:138 Resp: 444482

Ion	Ratio	Lower	Upper
138	100		
92	49.9	27.8	67.8
108	72.1	48.9	88.9



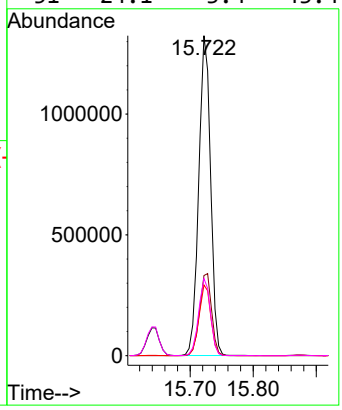


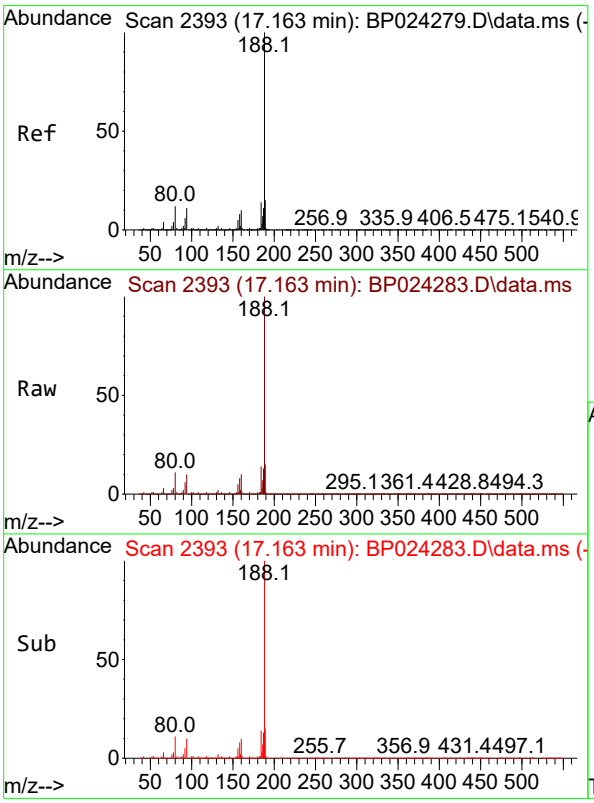
#63
Azobenzene
Concen: 41.686 ng
RT: 15.722 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion: 77 Resp: 1722900

Ion	Ratio	Lower	Upper
77	100		
182	25.1	7.3	47.3
105	22.1	2.3	42.3
51	24.1	3.4	43.4

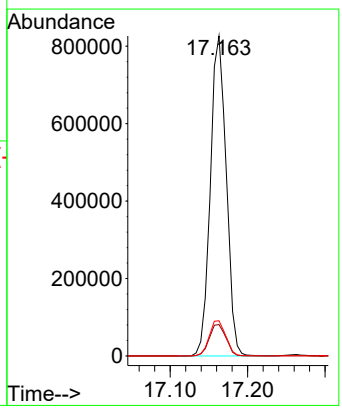


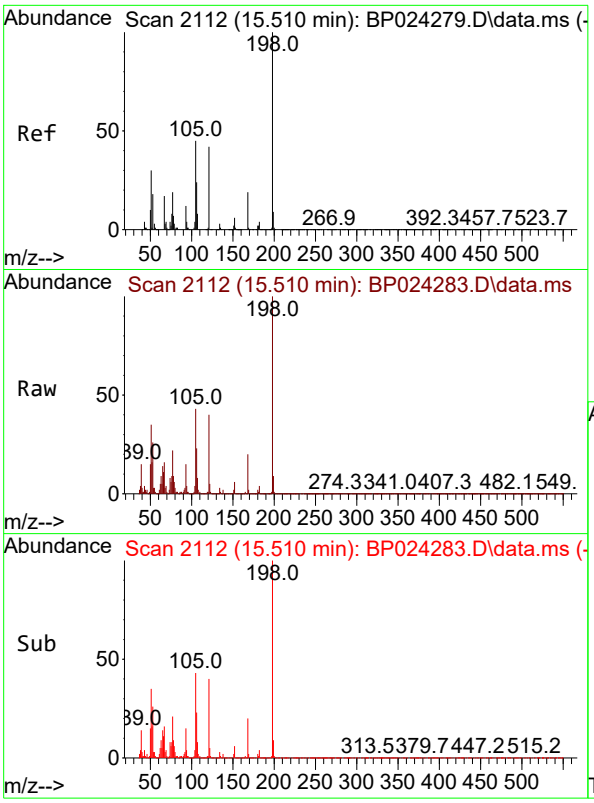


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:188 Resp: 1178916

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.6	13.0
80	11.0	9.8	14.6



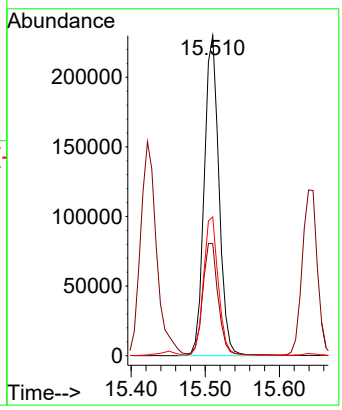


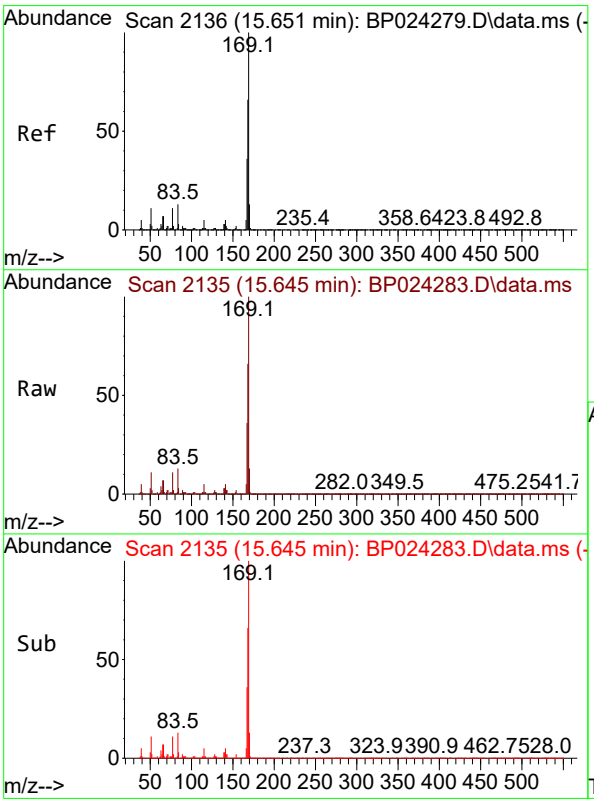
#65
4,6-Dinitro-2-methylphenol
Concen: 42.724 ng
RT: 15.510 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:198 Resp: 317548

Ion	Ratio	Lower	Upper
198	100		
51	35.0	18.4	58.4
105	43.4	26.5	66.5

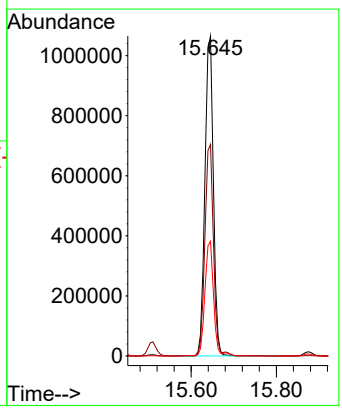


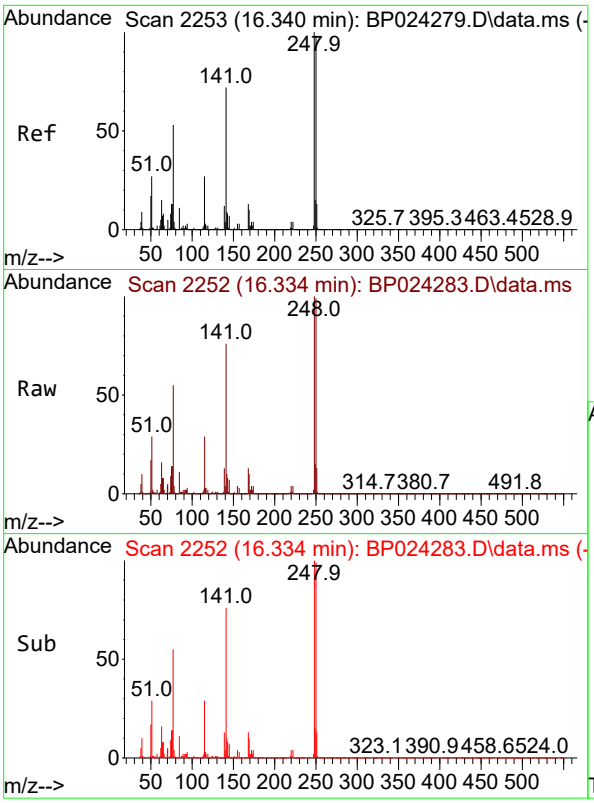


#66
n-Nitrosodiphenylamine
Concen: 41.500 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:169 Resp: 1460282

Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.0	79.4
167	35.8	28.9	43.3



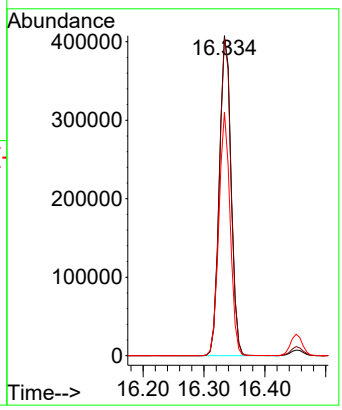


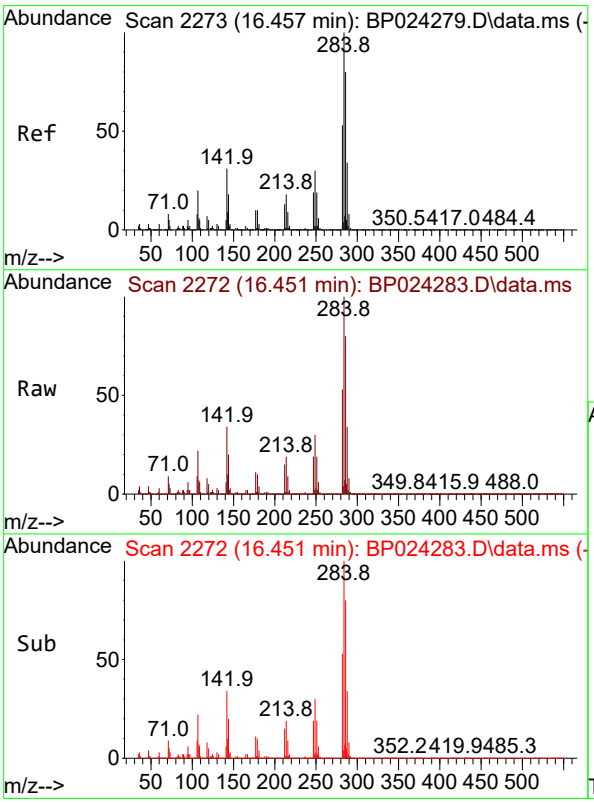
#67
4-Bromophenyl-phenylether
Concen: 42.314 ng
RT: 16.334 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:248 Resp: 545579

Ion	Ratio	Lower	Upper
248	100		
250	99.3	78.2	117.4
141	76.1	57.7	86.5

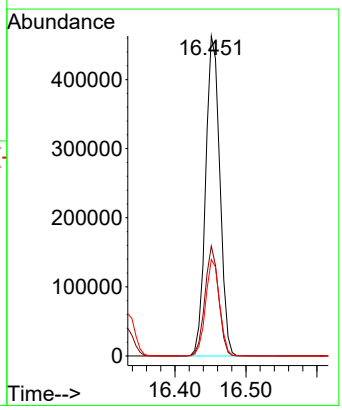


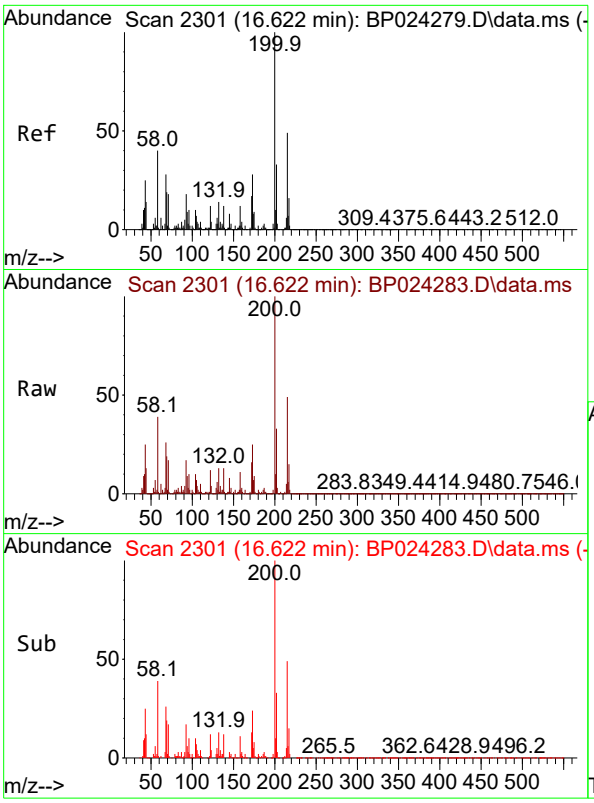


#68
Hexachlorobenzene
Concen: 41.909 ng
RT: 16.451 min Scan# 2272
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:284 Resp: 642095

Ion	Ratio	Lower	Upper
284	100		
142	34.3	24.6	37.0
249	30.1	23.8	35.6



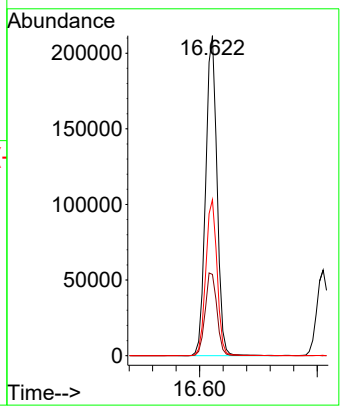


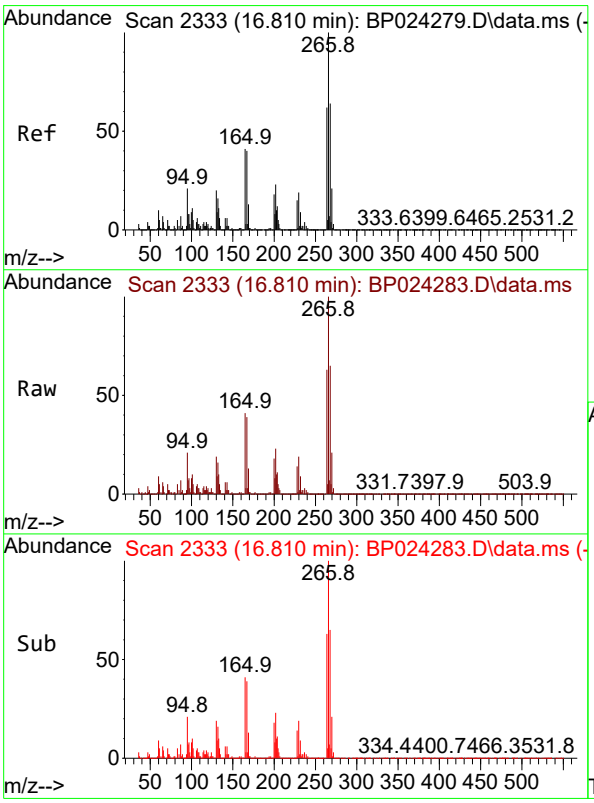
#69
Atrazine
Concen: 31.567 ng
RT: 16.622 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:200 Resp: 282908

Ion	Ratio	Lower	Upper
200	100		
173	25.4	7.5	47.5
215	48.7	28.8	68.8

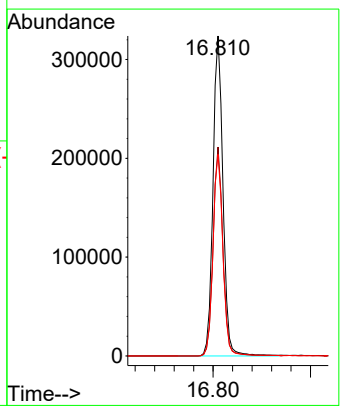


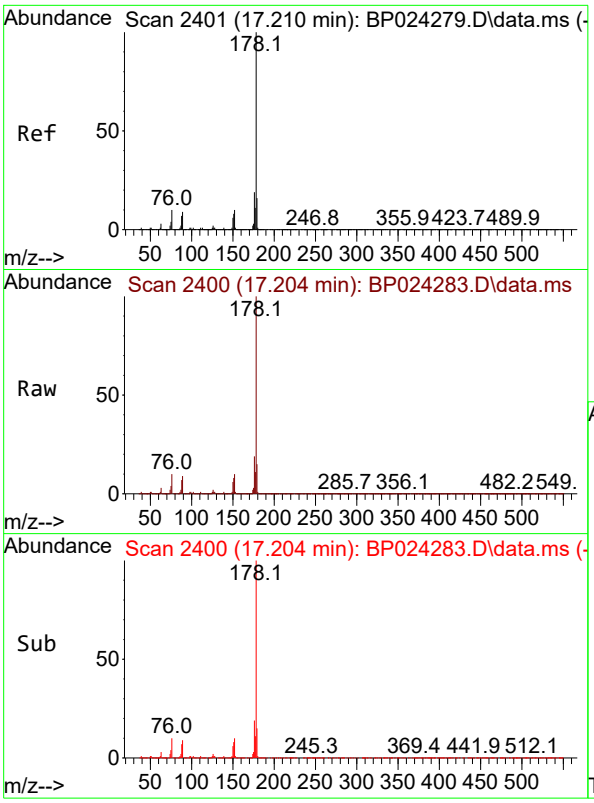


#70
Pentachlorophenol
Concen: 42.900 ng
RT: 16.810 min Scan# 2333
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:266 Resp: 458529

Ion	Ratio	Lower	Upper
266	100		
268	65.3	51.0	76.6
264	63.0	49.8	74.6



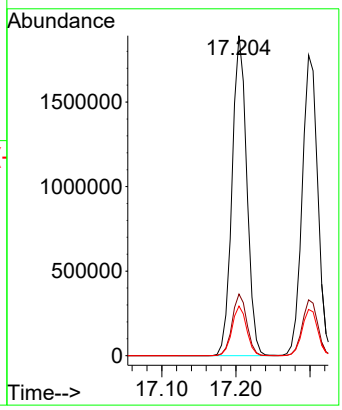


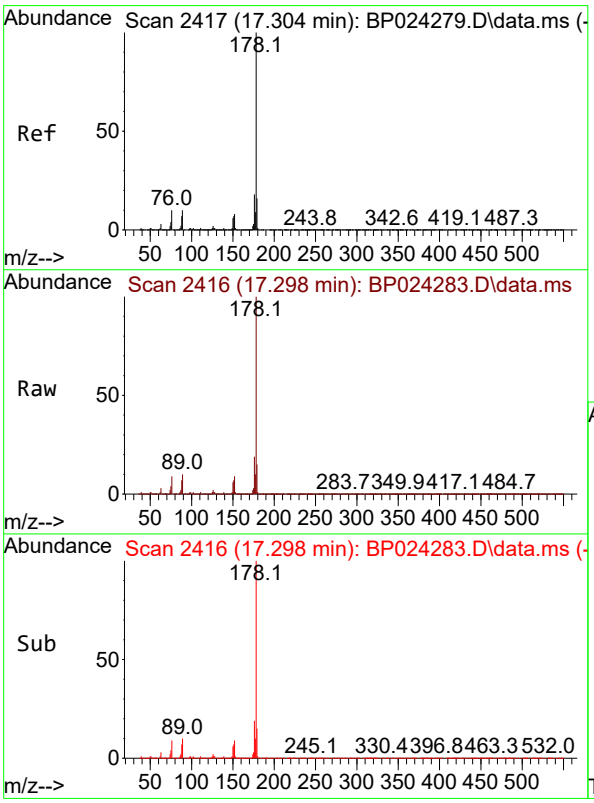
#71
Phenanthrene
Concen: 40.615 ng
RT: 17.204 min Scan# 24
Delta R.T. -0.023 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:178 Resp: 2612052

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.5	12.5	18.7

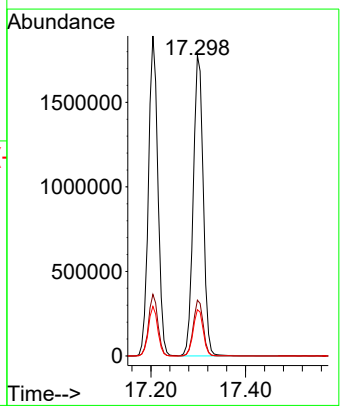


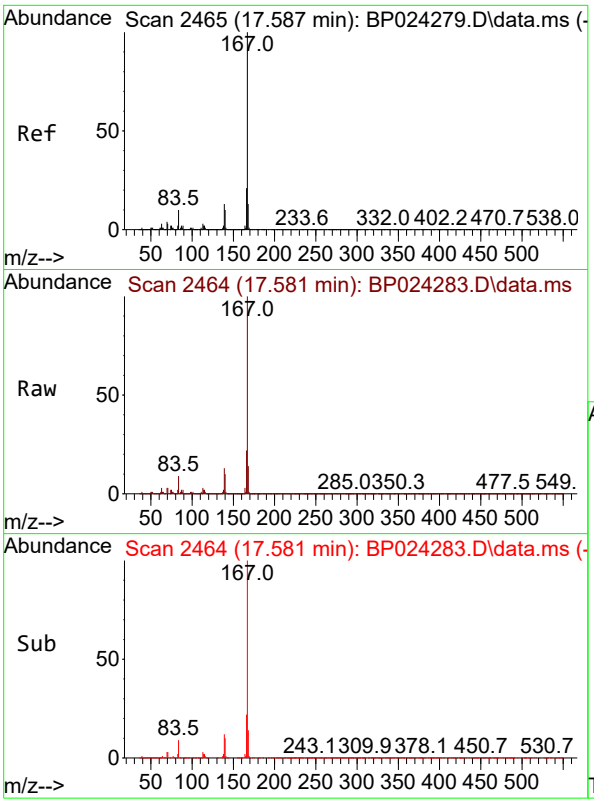


#72
Anthracene
Concen: 42.051 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:178 Resp: 2606508

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	15.4	12.4	18.6



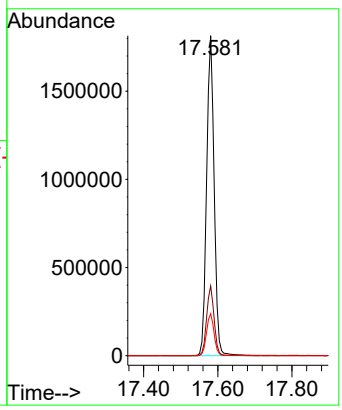


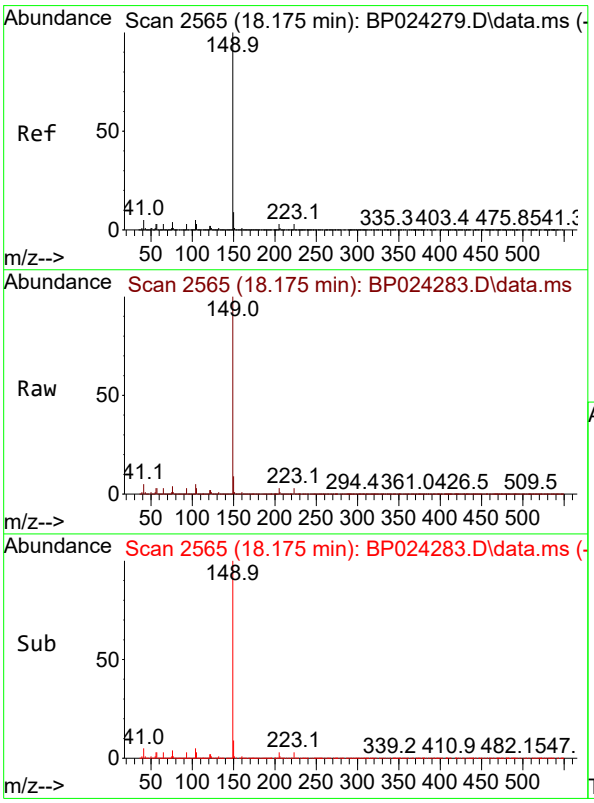
#73
Carbazole
Concen: 42.351 ng
RT: 17.581 min Scan# 24
Delta R.T. -0.023 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:167 Resp: 2564955

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.1	25.7
139	13.1	10.6	16.0

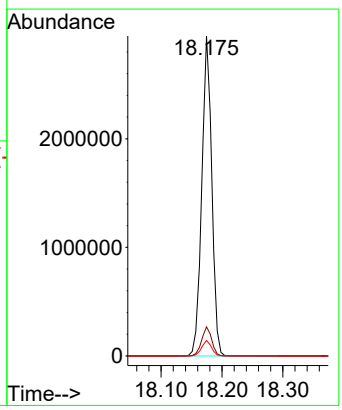


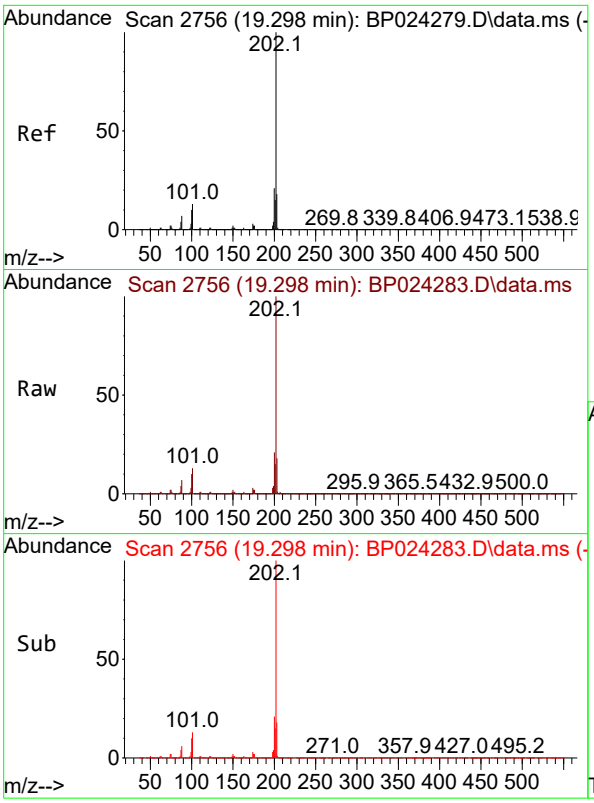


#74
Di-n-butylphthalate
Concen: 44.539 ng
RT: 18.175 min Scan# 2565
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:149 Resp: 3360635

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	4.9	3.9	5.9



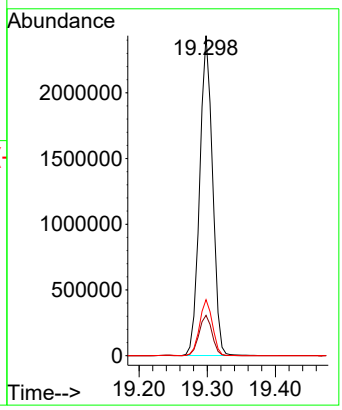


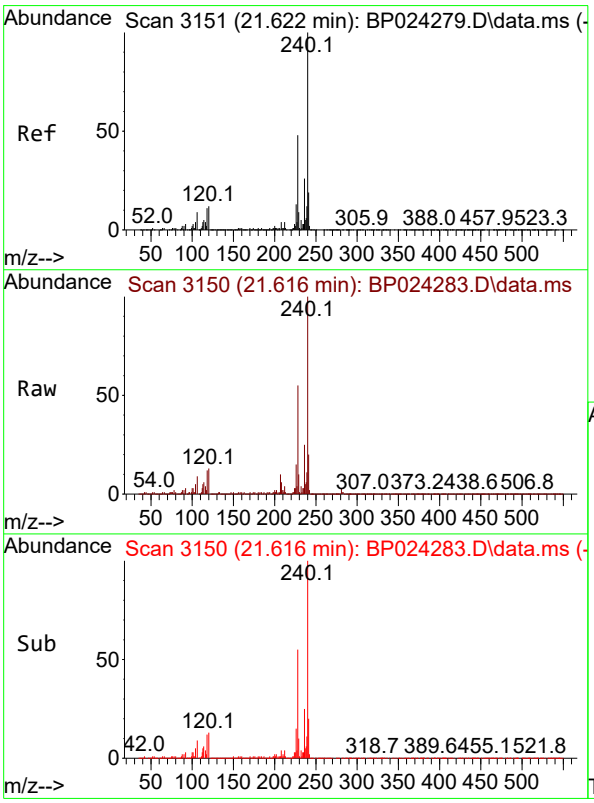
#75
Fluoranthene
Concen: 41.771 ng
RT: 19.298 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:202 Resp: 3195045

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	17.5	0.0	37.7

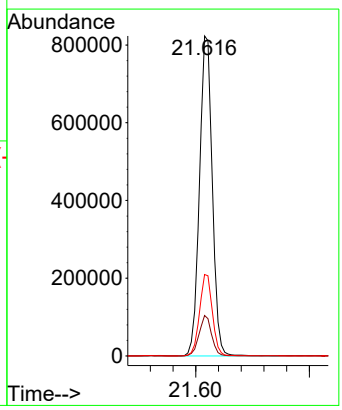


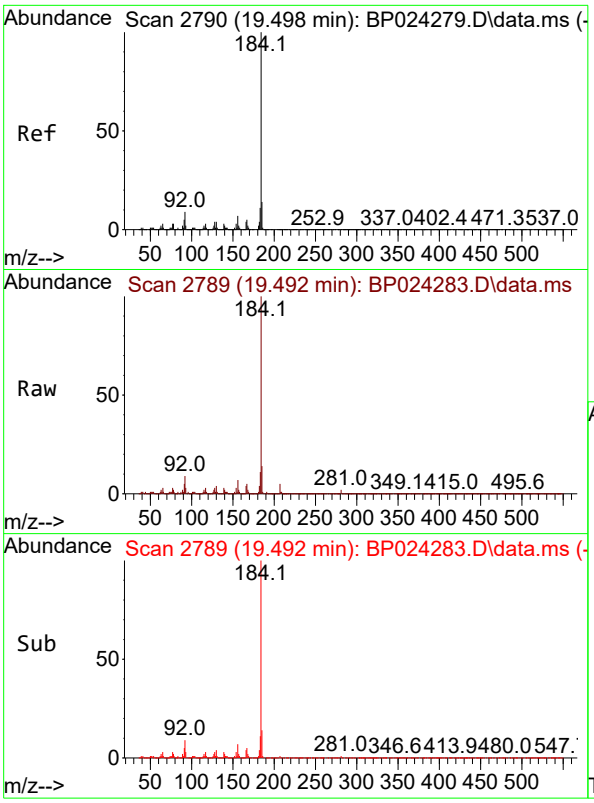


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.616 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:240 Resp: 1288125

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.8	14.8
236	25.5	20.9	31.3



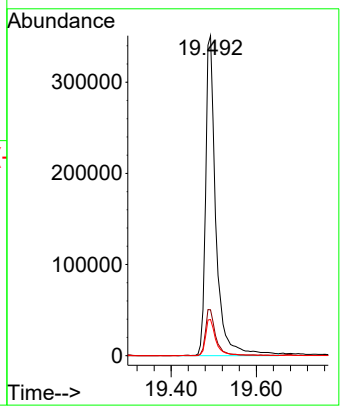


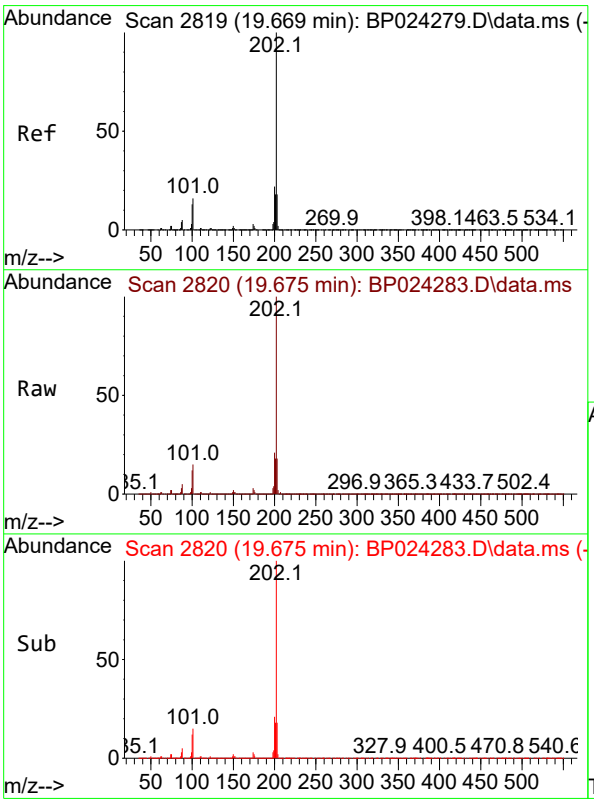
#77
Benzidine
Concen: 36.041 ng
RT: 19.492 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:184 Resp: 588487

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.6	17.4
183	11.3	9.2	13.8

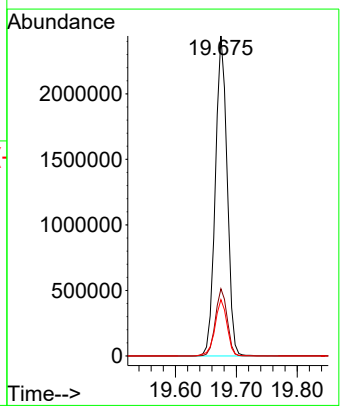


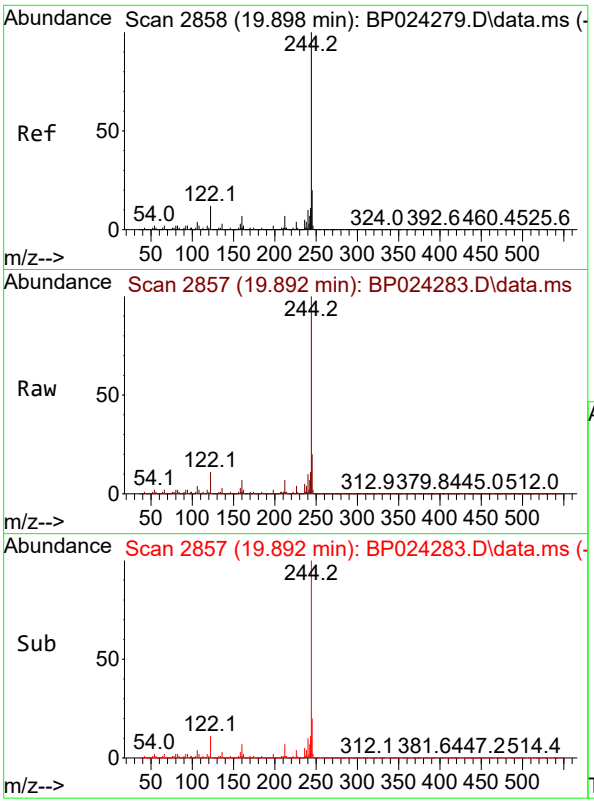


#78
Pyrene
Concen: 40.022 ng
RT: 19.675 min Scan# 2820
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:202 Resp: 3276290

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.2	25.8
203	17.6	14.4	21.6



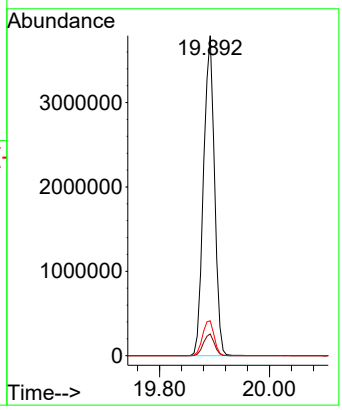


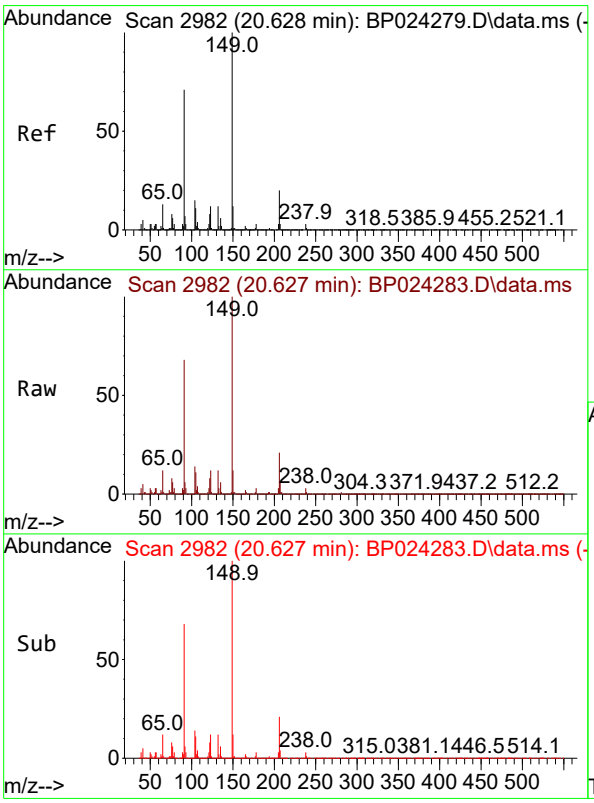
#79
Terphenyl-d14
Concen: 81.649 ng
RT: 19.892 min Scan# 2
Delta R.T. -0.029 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:244 Resp: 5217888

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	10.9	9.4	14.0

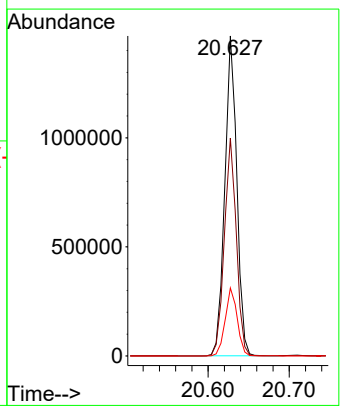


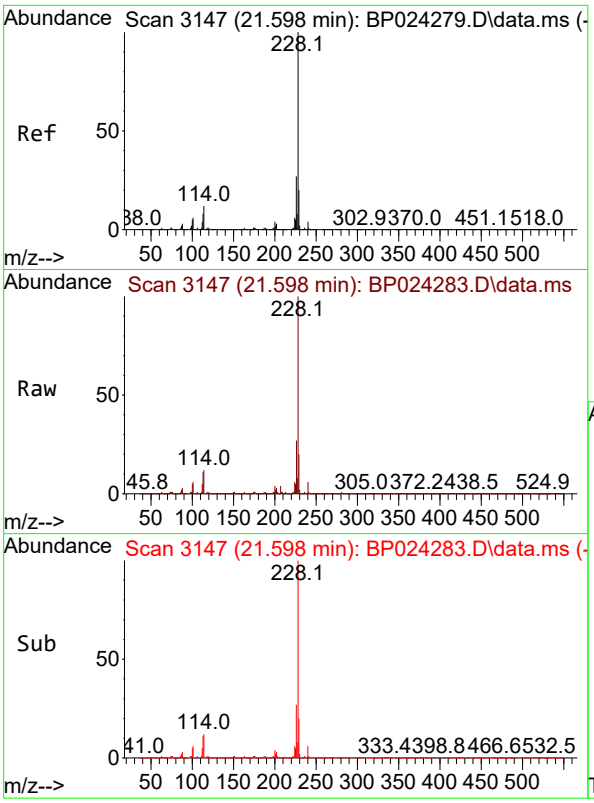


#80
Butylbenzylphthalate
Concen: 43.107 ng
RT: 20.627 min Scan# 2982
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:149 Resp: 1511473

Ion	Ratio	Lower	Upper
149	100		
91	68.1	56.4	84.6
206	21.2	16.3	24.5



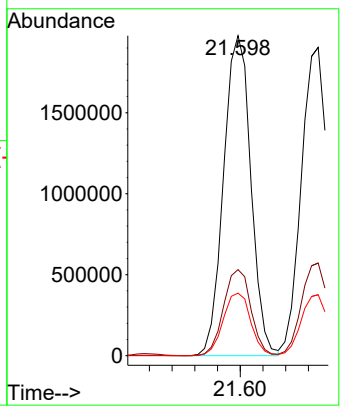


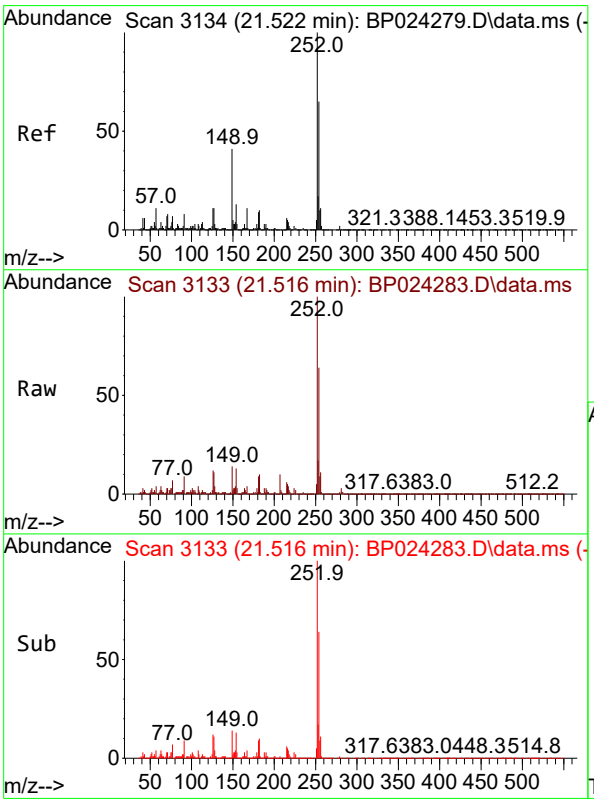
#81
Benzo(a)anthracene
Concen: 41.207 ng
RT: 21.598 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:228 Resp: 3299250

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.8
229	19.6	15.9	23.9

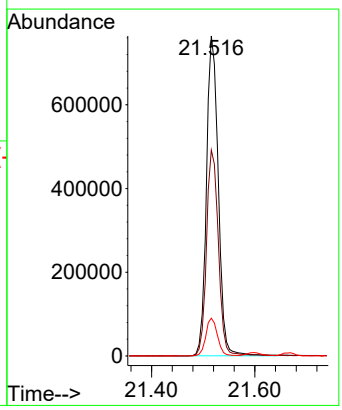


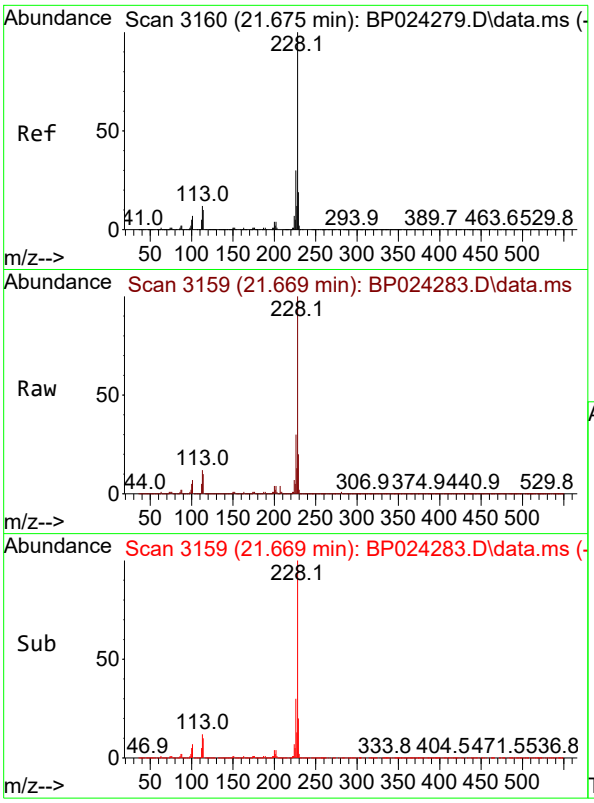


#82
3,3'-Dichlorobenzidine
Concen: 43.139 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.023 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:252 Resp: 1212290

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.7	77.5
126	11.8	8.8	13.2



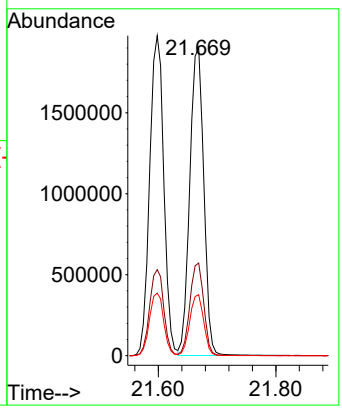


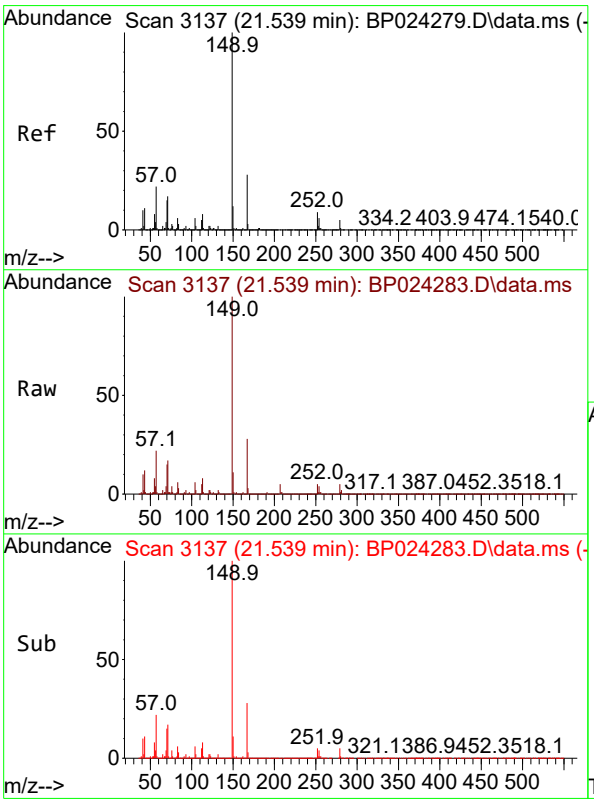
#83
Chrysene
Concen: 40.888 ng
RT: 21.669 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:228 Resp: 3136332

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	19.8	15.6	23.4

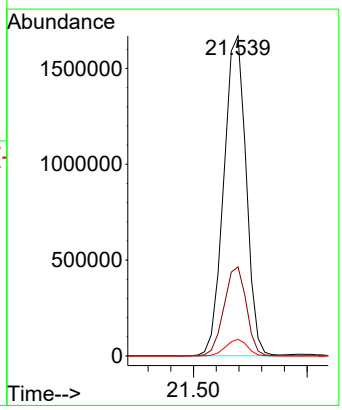


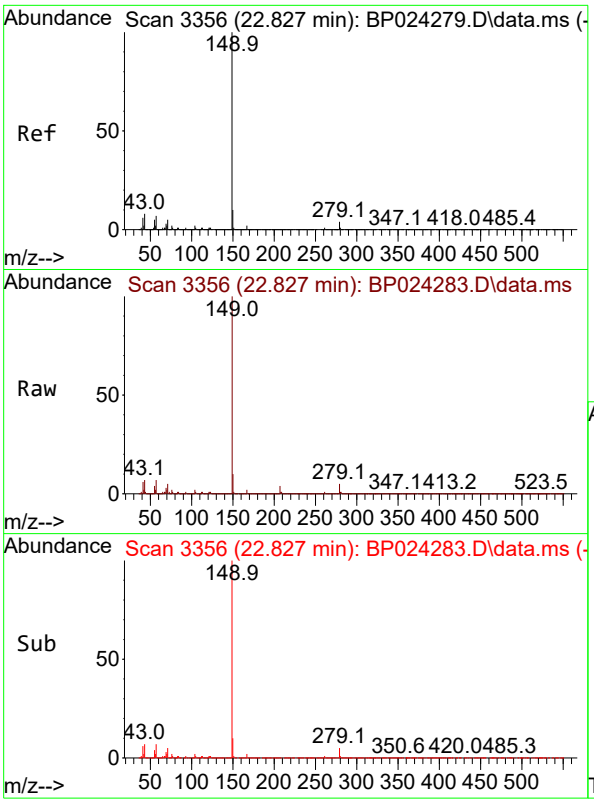


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.400 ng
RT: 21.539 min Scan# 3137
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:149 Resp: 2282222

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.4	33.6
279	5.2	4.0	6.0



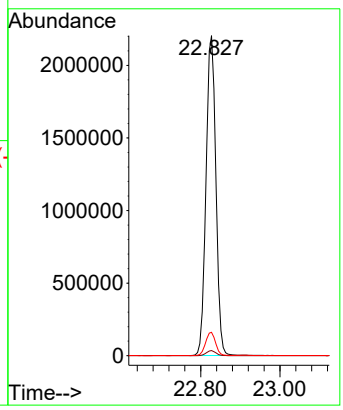


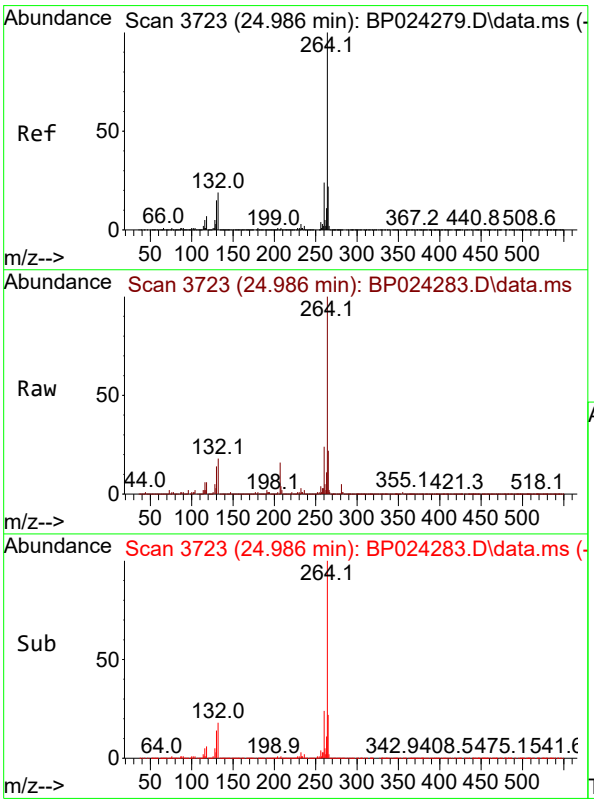
#85
Di-n-octyl phthalate
Concen: 45.513 ng
RT: 22.827 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:149 Resp: 3803266

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.4	6.0	9.0

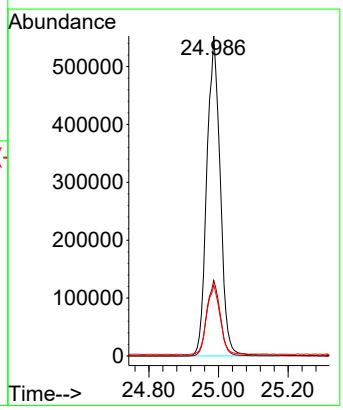


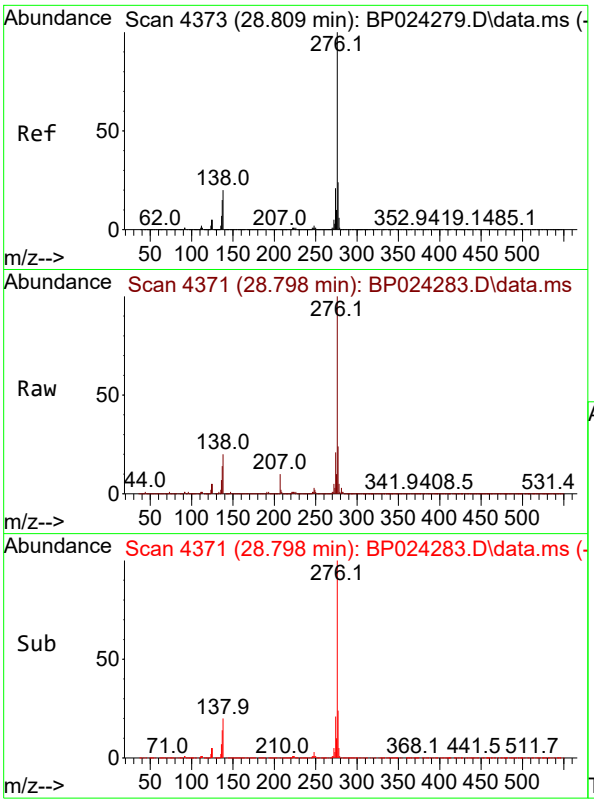


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.986 min Scan# 3723
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:264 Resp: 1476872

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.1	17.8	26.6



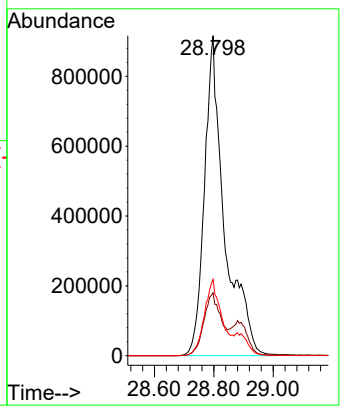


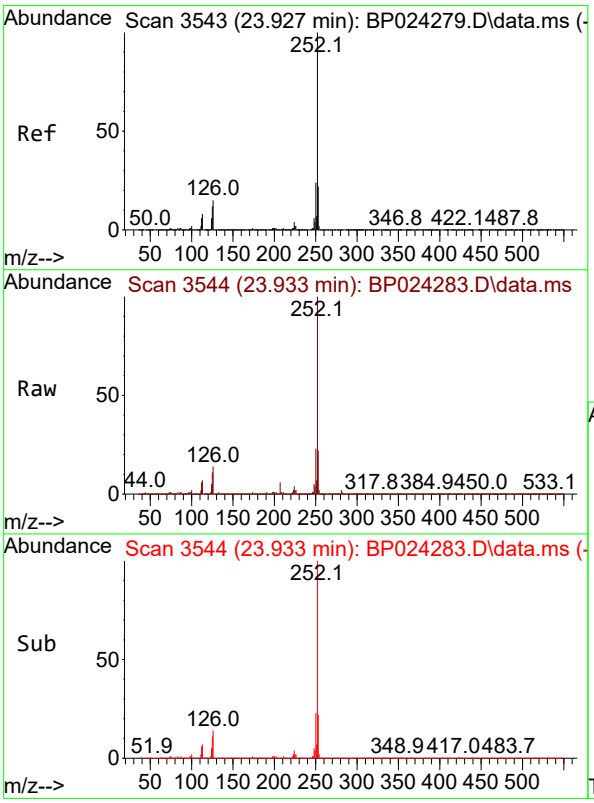
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.071 ng m
RT: 28.798 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:276 Resp: 4313548

Ion	Ratio	Lower	Upper
276	100		
138	16.8	14.5	21.7
277	20.9	20.2	30.2

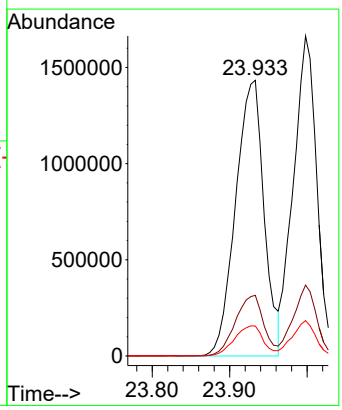


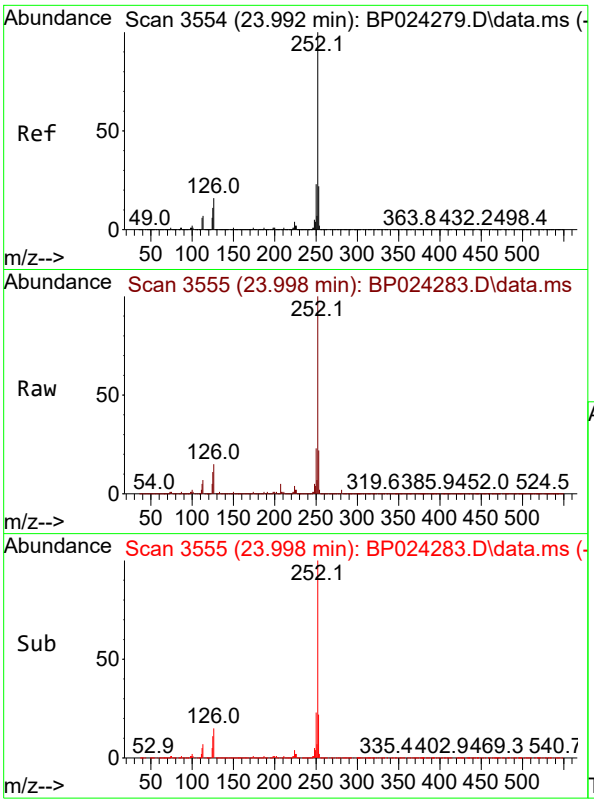


#88
Benzo(b)fluoranthene
Concen: 41.288 ng
RT: 23.933 min Scan# 3544
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:252 Resp: 3654984

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.8	9.4	14.0



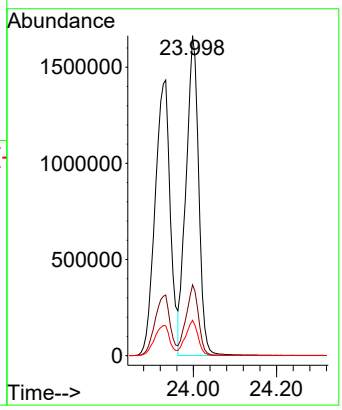


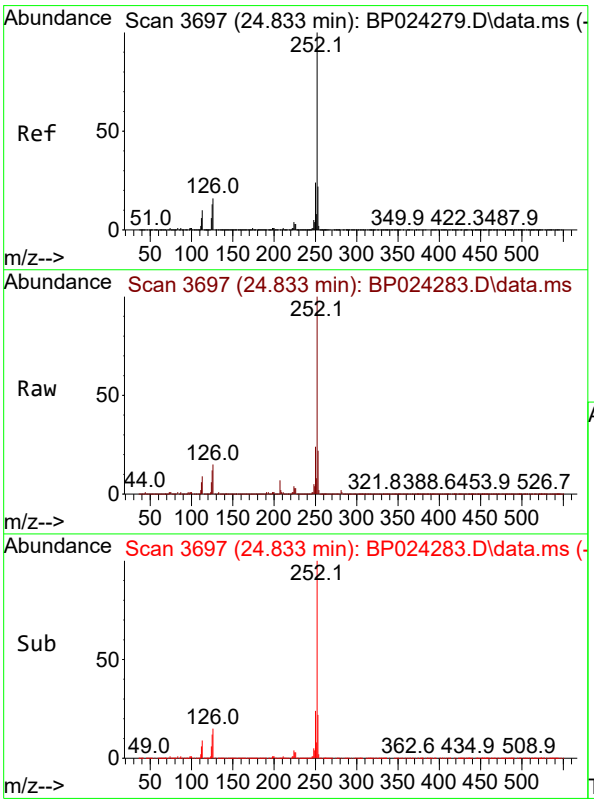
#89
Benzo(k)fluoranthene
Concen: 41.081 ng
RT: 23.998 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:252 Resp: 3512834

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.1	9.1	13.7

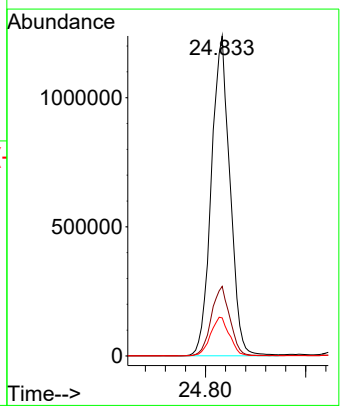


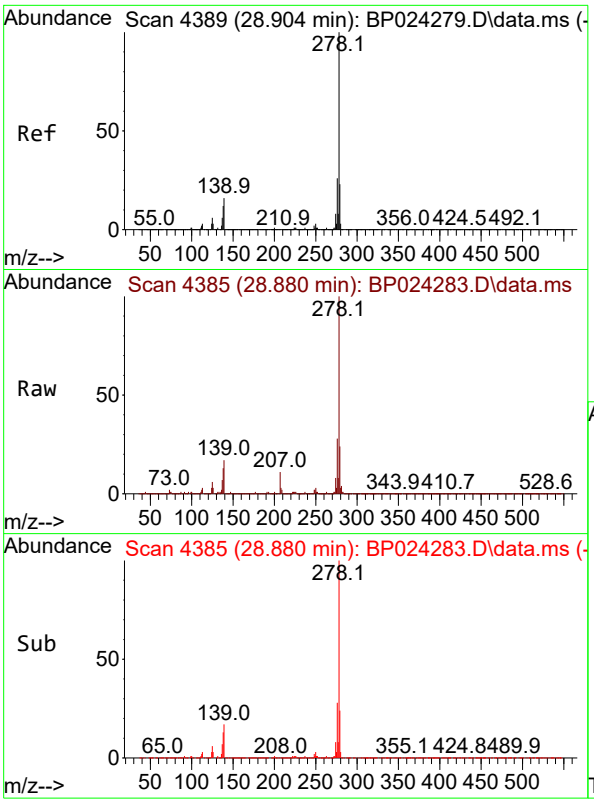


#90
Benzo(a)pyrene
Concen: 41.855 ng
RT: 24.833 min Scan# 3697
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:252 Resp: 3196130

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	11.9	10.1	15.1



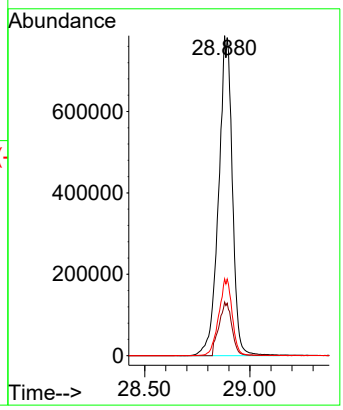


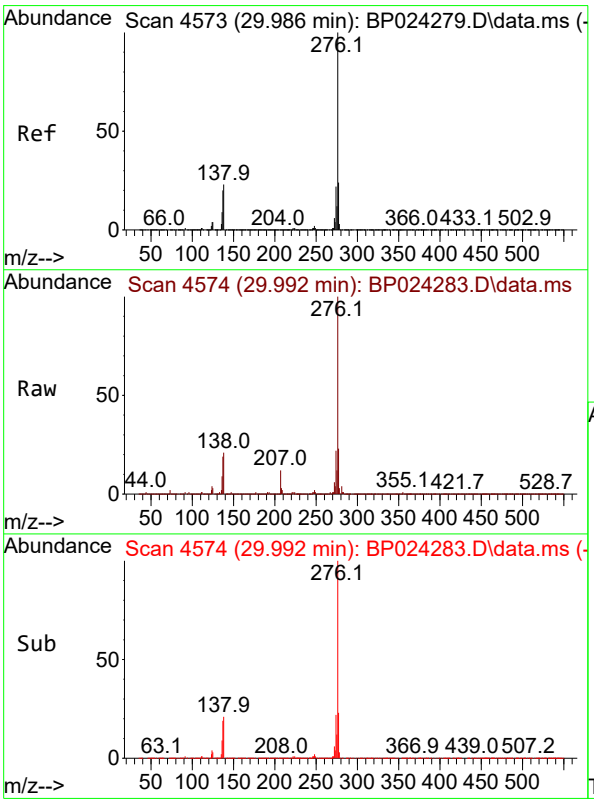
#91
Dibenzo(a,h)anthracene
Concen: 41.902 ng
RT: 28.880 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:278 Resp: 3566000

Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.6	19.0
279	24.0	18.5	27.7

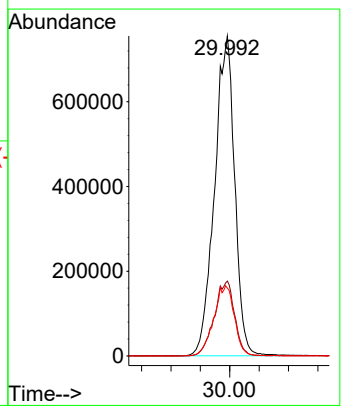




#92
Benzo(g,h,i)perylene
Concen: 41.455 ng
RT: 29.992 min Scan# 4574
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:276 Resp: 3590938

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	21.2	18.7	28.1



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Data File : BP024283.D
Acq On : 14 Apr 2025 18:35
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Quant Time: Apr 15 04:54:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
2		1,4-Dioxane	0.512	0.517	-1.0	95	0.00
3		Pyridine	1.351	1.349	0.1	91	0.00
4		n-Nitrosodimethylamine	0.448	0.451	-0.7	93	0.00
5	S	2-Fluorophenol	1.210	1.229	-1.6	92	0.00
6		Aniline	1.480	1.531	-3.4	91	0.00
7	S	Phenol-d6	1.656	1.678	-1.3	91	0.00
8		2-Chlorophenol	1.350	1.362	-0.9	92	0.00
9		Benzaldehyde	0.819	0.861	-5.1	97	0.00
10	C	Phenol	1.661	1.674	-0.8	90	0.00
11		bis(2-Chloroethyl)ether	1.339	1.335	0.3	90	0.00
12		1,3-Dichlorobenzene	1.454	1.465	-0.8	93	0.00
13	C	1,4-Dichlorobenzene	1.475	1.494	-1.3	94	0.00
14		1,2-Dichlorobenzene	1.424	1.421	0.2	93	0.00
15		Benzyl Alcohol	1.071	1.115	-4.1	91	0.00
16		2,2'-oxybis(1-Chloropropane	1.447	1.453	-0.4	90	0.00
17		2-Methylphenol	1.075	1.103	-2.6	91	0.00
18		Hexachloroethane	0.533	0.540	-1.3	94	0.00
19	P	n-Nitroso-di-n-propylamine	1.025	1.037	-1.2	90	0.00
20		3+4-Methylphenols	1.491	1.522	-2.1	90	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	91	0.00
22		Acetophenone	0.495	0.515	-4.0	91	0.00
23	S	Nitrobenzene-d5	0.351	0.366	-4.3	91	0.00
24		Nitrobenzene	0.347	0.360	-3.7	90	0.00
25		Isophorone	0.635	0.661	-4.1	90	0.00
26	C	2-Nitrophenol	0.170	0.184	-8.2	92	0.00
27		2,4-Dimethylphenol	0.213	0.222	-4.2	90	0.00
28		bis(2-Chloroethoxy)methane	0.429	0.444	-3.5	90	0.00
29	C	2,4-Dichlorophenol	0.291	0.309	-6.2	91	0.00
30		1,2,4-Trichlorobenzene	0.311	0.324	-4.2	92	0.00
31		Naphthalene	1.054	1.090	-3.4	92	0.00
32		Benzoic acid	0.248	0.254	-2.4	96	-0.04
33		4-Chloroaniline	0.371	0.398	-7.3	92	0.00
34	C	Hexachlorobutadiene	0.183	0.192	-4.9	93	0.00
35		Caprolactam	0.107	0.113	-5.6	92	-0.02
36	C	4-Chloro-3-methylphenol	0.339	0.353	-4.1	90	0.00
37		2-Methylnaphthalene	0.731	0.756	-3.4	92	0.00
38		1-Methylnaphthalene	0.715	0.736	-2.9	92	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	91	0.00
40		1,2,4,5-Tetrachlorobenzene	0.550	0.581	-5.6	92	0.00
41	P	Hexachlorocyclopentadiene	0.195	0.212	-8.7	89	-0.01
42	S	2,4,6-Tribromophenol	0.277	0.296	-6.9	93	-0.02
43	C	2,4,6-Trichlorophenol	0.366	0.396	-8.2	93	0.00
44		2,4,5-Trichlorophenol	0.405	0.434	-7.2	93	0.00
45	S	2-Fluorobiphenyl	1.306	1.383	-5.9	92	0.00
46		1,1'-Biphenyl	1.470	1.529	-4.0	91	-0.01
47		2-Chloronaphthalene	1.099	1.148	-4.5	92	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.308	0.327	-6.2	90	-0.01
49		Acenaphthylene	1.730	1.807	-4.5	91	0.00
50		Dimethylphthalate	1.454	1.508	-3.7	92	-0.02
51		2,6-Dinitrotoluene	0.309	0.332	-7.4	93	0.00
52	C	Acenaphthene	1.097	1.120	-2.1	91	-0.01
53		3-Nitroaniline	0.325	0.357	-9.8	92	0.00
54	P	2,4-Dinitrophenol	0.182	0.193	-6.0	95	-0.01
55		Dibenzofuran	1.793	1.823	-1.7	91	-0.02
56	P	4-Nitrophenol	0.280	0.315	-12.5	94	-0.01
57		2,4-Dinitrotoluene	0.421	0.458	-8.8	93	-0.01
58		Fluorene	1.388	1.448	-4.3	95	-0.01
59		2,3,4,6-Tetrachlorophenol	0.373	0.392	-5.1	92	0.00
60		Diethylphthalate	1.499	1.558	-3.9	92	-0.02
61		4-Chlorophenyl-phenylether	0.674	0.704	-4.5	94	-0.02
62		4-Nitroaniline	0.344	0.370	-7.6	92	-0.02
63		Azobenzene	1.378	1.436	-4.2	92	-0.02
64	I	Phenanthrene-d10	1.000	1.000	0.0	92	-0.02
65		4,6-Dinitro-2-methylphenol	0.126	0.135	-7.1	95	-0.02
66	c	n-Nitrosodiphenylamine	0.597	0.619	-3.7	91	-0.01
67		4-Bromophenyl-phenylether	0.219	0.231	-5.5	93	-0.01
68		Hexachlorobenzene	0.260	0.272	-4.6	93	-0.02
69		Atrazine	0.152	0.120	21.1	92	0.00
70	C	Pentachlorophenol	0.181	0.194	-7.2	92	-0.02
71		Phenanthrene	1.091	1.108	-1.6	91	-0.02
72		Anthracene	1.052	1.105	-5.0	92	-0.02
73		Carbazole	1.027	1.088	-5.9	93	-0.02
74		Di-n-butylphthalate	1.280	1.425	-11.3	94	-0.02
75	C	Fluoranthene	1.298	1.355	-4.4	93	-0.02
76	I	Chrysene-d12	1.000	1.000	0.0	95	0.00
77		Benzidine	0.254	0.228	10.2	50#	-0.02
78		Pyrene	1.271	1.272	-0.1	93	-0.01
79	S	Terphenyl-d14	0.992	1.013	-2.1	94	-0.03
80		Butylbenzylphthalate	0.544	0.587	-7.9	94	-0.02
81		Benzo(a)anthracene	1.243	1.281	-3.1	95	0.00
82		3,3'-Dichlorobenzidine	0.436	0.471	-8.0	92	-0.02
83		Chrysene	1.191	1.217	-2.2	96	-0.01
84		Bis(2-ethylhexyl)phthalate	0.798	0.886	-11.0	95	0.00
85	c	Di-n-octyl phthalate	1.297	1.476	-13.8	96	0.00
86	I	Perylene-d12	1.000	1.000	0.0	99	0.00
87		Indeno(1,2,3-cd)pyrene	1.388	1.460	-5.2	101	-0.02
88		Benzo(b)fluoranthene	1.199	1.237	-3.2	98	0.00
89		Benzo(k)fluoranthene	1.158	1.189	-2.7	98	0.00
90	C	Benzo(a)pyrene	1.034	1.082	-4.6	99	0.00
91		Dibenzo(a,h)anthracene	1.152	1.207	-4.8	100	0.00
92		Benzo(g,h,i)perylene	1.173	1.216	-3.7	99	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024283.D
Acq On : 14 Apr 2025 18:35
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Quant Time: Apr 15 04:54:46 2025
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Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	94	0.00
2		1,4-Dioxane	40.000	40.412	-1.0	95	0.00
3		Pyridine	40.000	39.955	0.1	91	0.00
4		n-Nitrosodimethylamine	40.000	40.205	-0.5	93	0.00
5	S	2-Fluorophenol	80.000	81.302	-1.6	92	0.00
6		Aniline	40.000	41.370	-3.4	91	0.00
7	S	Phenol-d6	80.000	81.063	-1.3	91	0.00
8		2-Chlorophenol	40.000	40.334	-0.8	92	0.00
9		Benzaldehyde	40.000	42.024	-5.1	97	0.00
10	C	Phenol	40.000	40.306	-0.8	90	0.00
11		bis(2-Chloroethyl)ether	40.000	39.902	0.2	90	0.00
12		1,3-Dichlorobenzene	40.000	40.298	-0.7	93	0.00
13	C	1,4-Dichlorobenzene	40.000	40.516	-1.3	94	0.00
14		1,2-Dichlorobenzene	40.000	39.898	0.3	93	0.00
15		Benzyl Alcohol	40.000	41.621	-4.1	91	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	40.173	-0.4	90	0.00
17		2-Methylphenol	40.000	41.046	-2.6	91	0.00
18		Hexachloroethane	40.000	40.522	-1.3	94	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	40.471	-1.2	90	0.00
20		3+4-Methylphenols	40.000	40.810	-2.0	90	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	91	0.00
22		Acetophenone	40.000	41.652	-4.1	91	0.00
23	S	Nitrobenzene-d5	80.000	83.531	-4.4	91	0.00
24		Nitrobenzene	40.000	41.537	-3.8	90	0.00
25		Isophorone	40.000	41.648	-4.1	90	0.00
26	C	2-Nitrophenol	40.000	43.376	-8.4	92	0.00
27		2,4-Dimethylphenol	40.000	41.689	-4.2	90	0.00
28		bis(2-Chloroethoxy)methane	40.000	41.402	-3.5	90	0.00
29	C	2,4-Dichlorophenol	40.000	42.461	-6.2	91	0.00
30		1,2,4-Trichlorobenzene	40.000	41.612	-4.0	92	0.00
31		Naphthalene	40.000	41.386	-3.5	92	0.00
32		Benzoic acid	40.000	40.959	-2.4	96	-0.04
33		4-Chloroaniline	40.000	42.937	-7.3	92	0.00
34	C	Hexachlorobutadiene	40.000	42.007	-5.0	93	0.00
35		Caprolactam	40.000	42.152	-5.4	92	-0.02
36	C	4-Chloro-3-methylphenol	40.000	41.737	-4.3	90	0.00
37		2-Methylnaphthalene	40.000	41.403	-3.5	92	0.00
38		1-Methylnaphthalene	40.000	41.210	-3.0	92	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	91	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	42.275	-5.7	92	0.00
41	P	Hexachlorocyclopentadiene	40.000	43.639	-9.1	89	-0.01
42	S	2,4,6-Tribromophenol	80.000	85.488	-6.9	93	-0.02
43	C	2,4,6-Trichlorophenol	40.000	43.329	-8.3	93	0.00
44		2,4,5-Trichlorophenol	40.000	42.828	-7.1	93	0.00
45	S	2-Fluorobiphenyl	80.000	84.715	-5.9	92	0.00
46		1,1'-Biphenyl	40.000	41.595	-4.0	91	-0.01
47		2-Chloronaphthalene	40.000	41.786	-4.5	92	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	42.475	-6.2	90	-0.01
49		Acenaphthylene	40.000	41.783	-4.5	91	0.00
50		Dimethylphthalate	40.000	41.478	-3.7	92	-0.02
51		2,6-Dinitrotoluene	40.000	42.990	-7.5	93	0.00
52	C	Acenaphthene	40.000	40.853	-2.1	91	-0.01
53		3-Nitroaniline	40.000	43.931	-9.8	92	0.00
54	P	2,4-Dinitrophenol	40.000	42.485	-6.2	95	-0.01
55		Dibenzofuran	40.000	40.679	-1.7	91	-0.02
56	P	4-Nitrophenol	40.000	44.968	-12.4	94	-0.01
57		2,4-Dinitrotoluene	40.000	43.527	-8.8	93	-0.01
58		Fluorene	40.000	41.750	-4.4	95	-0.01
59		2,3,4,6-Tetrachlorophenol	40.000	41.995	-5.0	92	0.00
60		Diethylphthalate	40.000	41.570	-3.9	92	-0.02
61		4-Chlorophenyl-phenylether	40.000	41.777	-4.4	94	-0.02
62		4-Nitroaniline	40.000	43.114	-7.8	92	-0.02
63		Azobenzene	40.000	41.686	-4.2	92	-0.02
64	I	Phenanthrene-d10	20.000	20.000	0.0	92	-0.02
65		4,6-Dinitro-2-methylphenol	40.000	42.724	-6.8	95	-0.02
66	c	n-Nitrosodiphenylamine	40.000	41.500	-3.8	91	-0.01
67		4-Bromophenyl-phenylether	40.000	42.314	-5.8	93	-0.01
68		Hexachlorobenzene	40.000	41.909	-4.8	93	-0.02
69		Atrazine	40.000	31.567	21.1	92	0.00
70	C	Pentachlorophenol	40.000	42.900	-7.2	92	-0.02
71		Phenanthrene	40.000	40.615	-1.5	91	-0.02
72		Anthracene	40.000	42.051	-5.1	92	-0.02
73		Carbazole	40.000	42.351	-5.9	93	-0.02
74		Di-n-butylphthalate	40.000	44.539	-11.3	94	-0.02
75	C	Fluoranthene	40.000	41.771	-4.4	93	-0.02
76	I	Chrysene-d12	20.000	20.000	0.0	95	0.00
77		Benzidine	40.000	36.041	9.9	50	-0.02
78		Pyrene	40.000	40.022	-0.1	93	-0.01
79	S	Terphenyl-d14	80.000	81.649	-2.1	94	-0.03
80		Butylbenzylphthalate	40.000	43.107	-7.8	94	-0.02
81		Benzo(a)anthracene	40.000	41.207	-3.0	95	0.00
82		3,3'-Dichlorobenzidine	40.000	43.139	-7.8	92	-0.02
83		Chrysene	40.000	40.888	-2.2	96	-0.01
84		Bis(2-ethylhexyl)phthalate	40.000	44.400	-11.0	95	0.00
85	c	Di-n-octyl phthalate	40.000	45.513	-13.8	96	0.00
86	I	Perylene-d12	20.000	20.000	0.0	99	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	42.071	-5.2	101	-0.02
88		Benzo(b)fluoranthene	40.000	41.288	-3.2	98	0.00
89		Benzo(k)fluoranthene	40.000	41.081	-2.7	98	0.00
90	C	Benzo(a)pyrene	40.000	41.855	-4.6	99	0.00
91		Dibenzo(a,h)anthracene	40.000	41.902	-4.8	100	0.00
92		Benzo(g,h,i)perylene	40.000	41.455	-3.6	99	0.00

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Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: BNA_F Calibration Date/Time: 05/01/2025 10:17

Lab File ID: BF142250.D Init. Calib. Date(s): 04/30/2025 04/30/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:24 14:43

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.252	1.250		-0.2	
Phenol-d6	1.512	1.575		4.2	
Nitrobenzene-d5	0.304	0.333		9.5	
Naphthalene	0.997	1.030		3.3	
2-Fluorobiphenyl	1.418	1.409		-0.6	
Acenaphthylene	1.952	1.996		2.3	
Acenaphthene	1.140	1.185		3.9	20.0
Fluorene	1.299	1.322		1.8	
2,4,6-Tribromophenol	0.182	0.196		7.7	
Phenanthrene	1.080	1.116		3.3	
Anthracene	1.105	1.142		3.3	
Fluoranthene	1.068	1.147		7.4	20.0
Pyrene	1.845	1.938		5.0	
Terphenyl-d14	1.375	1.422		3.4	
Benzo(a)anthracene	1.343	1.378		2.6	
Chrysene	1.222	1.297		6.1	
Benzo(b)fluoranthene	1.242	1.242		0.0	
Benzo(k)fluoranthene	1.136	1.240		9.2	
Benzo(a)pyrene	1.137	1.193		4.9	20.0
Indeno(1,2,3-cd)pyrene	1.465	1.533		4.6	
Dibenzo(a,h)anthracene	1.189	1.258		5.8	
Benzo(g,h,i)perylene	1.195	1.250		4.6	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142250.D
Acq On : 01 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 11:46:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	186578	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	719586	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	381198	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	647816	20.000	ng	0.00
76) Chrysene-d12	14.074	240	384442	20.000	ng	0.00
86) Perylene-d12	15.562	264	349272	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	932561	79.825	ng	0.00
7) Phenol-d6	6.522	99	1175099	83.296	ng	0.00
23) Nitrobenzene-d5	7.475	82	958053	87.469	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	298805	85.983	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2147916	79.446	ng	0.00
79) Terphenyl-d14	13.021	244	2186580	82.722	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	216157	41.429	ng	98
3) Pyridine	3.463	79	571670	42.158	ng	98
4) n-Nitrosodimethylamine	3.410	42	297662	42.418	ng	97
6) Aniline	6.569	93	830257	41.579	ng	100
8) 2-Chlorophenol	6.687	128	475745	39.409	ng	98
9) Benzaldehyde	6.457	77	418699	42.464	ng	100
10) Phenol	6.540	94	617909m	40.684	ng	
11) bis(2-Chloroethyl)ether	6.640	93	494668	42.030	ng	99
12) 1,3-Dichlorobenzene	6.851	146	566821	41.505	ng	99
13) 1,4-Dichlorobenzene	6.928	146	569459	41.388	ng	100
14) 1,2-Dichlorobenzene	7.081	146	550181	41.885	ng	99
15) Benzyl Alcohol	7.045	79	411183	41.095	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	889834	41.870	ng	99
17) 2-Methylphenol	7.151	107	411493	41.610	ng	99
18) Hexachloroethane	7.422	117	188542	41.867	ng	94
19) n-Nitroso-di-n-propyla...	7.322	70	356048	40.842	ng	99
20) 3+4-Methylphenols	7.304	107	523765	42.351	ng	97
22) Acetophenone	7.316	105	690233	41.462	ng	98
24) Nitrobenzene	7.492	77	461069	42.902	ng	96
25) Isophorone	7.728	82	966817	42.059	ng	100
26) 2-Nitrophenol	7.804	139	140561	34.044	ng	99
27) 2,4-Dimethylphenol	7.834	122	485594	41.898	ng	100
28) bis(2-Chloroethoxy)met...	7.939	93	606286	41.820	ng	100
29) 2,4-Dichlorophenol	8.039	162	409683	42.280	ng	99
30) 1,2,4-Trichlorobenzene	8.134	180	453172	41.910	ng	99
31) Naphthalene	8.216	128	1482230	41.304	ng	100
32) Benzoic acid	7.928	122	168727m	34.514	ng	
33) 4-Chloroaniline	8.257	127	622889	41.683	ng	100
34) Hexachlorobutadiene	8.334	225	267370	42.382	ng	100
35) Caprolactam	8.622	113	129344	44.410	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	431195	43.337	ng	99
37) 2-Methylnaphthalene	8.904	142	913767	41.414	ng	99
38) 1-Methylnaphthalene	9.004	142	950787	41.597	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	435999	40.641	ng	100
41) Hexachlorocyclopentadiene	9.057	237	241144	39.605	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	269577	40.551	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
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Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 11:46:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	294308	42.108	ng		99
46) 1,1'-Biphenyl	9.369	154	1212716	40.922	ng		99
47) 2-Chloronaphthalene	9.392	162	896541	40.663	ng		99
48) 2-Nitroaniline	9.480	65	211351	37.508	ng		97
49) Acenaphthylene	9.810	152	1521943	40.906	ng		100
50) Dimethylphthalate	9.669	163	1026519	42.093	ng		100
51) 2,6-Dinitrotoluene	9.728	165	176156	38.527	ng		98
52) Acenaphthene	9.980	154	903201	41.576	ng		100
53) 3-Nitroaniline	9.892	138	225294	40.152	ng		100
54) 2,4-Dinitrophenol	9.992	184	42525	37.926	ng	#	1
55) Dibenzofuran	10.151	168	1350916	41.484	ng		99
56) 4-Nitrophenol	10.039	139	159868	41.706	ng		98
57) 2,4-Dinitrotoluene	10.128	165	220248	39.850	ng		99
58) Fluorene	10.498	166	1007989	40.709	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	245919	42.475	ng		99
60) Diethylphthalate	10.369	149	1030685	42.799	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	486030	41.333	ng		99
62) 4-Nitroaniline	10.504	138	215440	42.018	ng		98
63) Azobenzene	10.645	77	996298	41.895	ng		98
65) 4,6-Dinitro-2-methylph...	10.533	198	69294	35.905	ng		99
66) n-Nitrosodiphenylamine	10.604	169	914630	41.322	ng		100
67) 4-Bromophenyl-phenylether	10.980	248	304870	42.258	ng		99
68) Hexachlorobenzene	11.039	284	332960	41.207	ng		94
69) Atrazine	11.127	200	264074	45.262	ng		100
70) Pentachlorophenol	11.233	266	177109	41.491	ng		99
71) Phenanthrene	11.457	178	1446110	41.326	ng		100
72) Anthracene	11.510	178	1479001	41.339	ng		100
73) Carbazole	11.663	167	1352106	41.429	ng		100
74) Di-n-butylphthalate	11.998	149	1472584	44.864	ng		100
75) Fluoranthene	12.645	202	1485579	42.947	ng		100
77) Benzidine	12.769	184	754042	46.160	ng		99
78) Pyrene	12.874	202	1490017	42.016	ng		100
80) Butylbenzylphthalate	13.498	149	385725	40.417	ng		98
81) Benzo(a)anthracene	14.063	228	1059415	41.049	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	323049	42.615	ng		100
83) Chrysene	14.104	228	997135	42.445	ng		100
84) Bis(2-ethylhexyl)phtha...	14.057	149	477774	36.467	ng		100
85) Di-n-octyl phthalate	14.674	149	782817	33.845	ng		100
87) Indeno(1,2,3-cd)pyrene	17.074	276	1071010	41.864	ng		100
88) Benzo(b)fluoranthene	15.127	252	867766	39.998	ng		99
89) Benzo(k)fluoranthene	15.157	252	866064	43.643	ng		99
90) Benzo(a)pyrene	15.504	252	833612	41.969	ng		99
91) Dibenzo(a,h)anthracene	17.098	278	878980	42.333	ng		99
92) Benzo(g,h,i)perylene	17.533	276	873517	41.848	ng		100

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

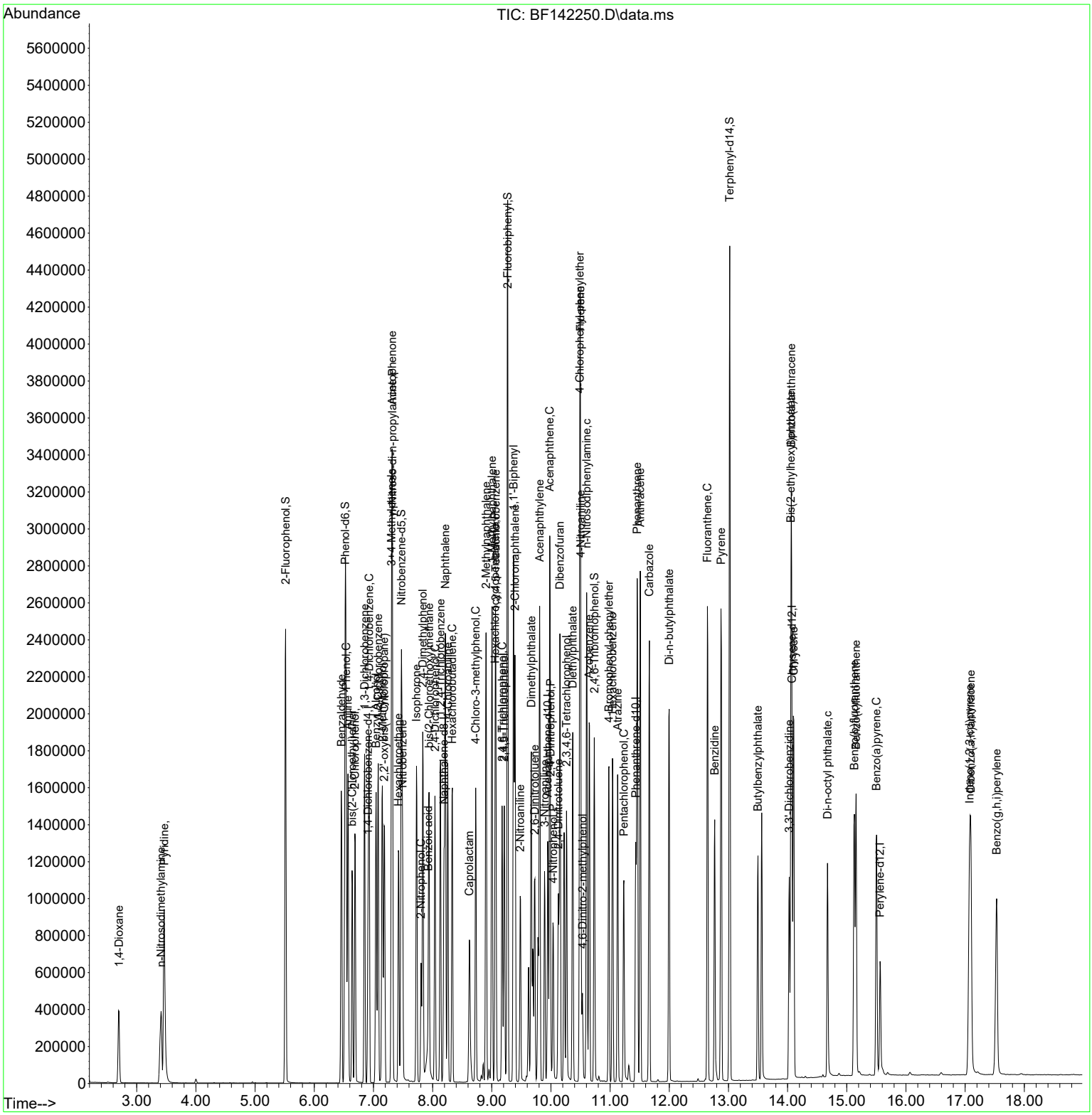
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142250.D
Acq On : 01 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

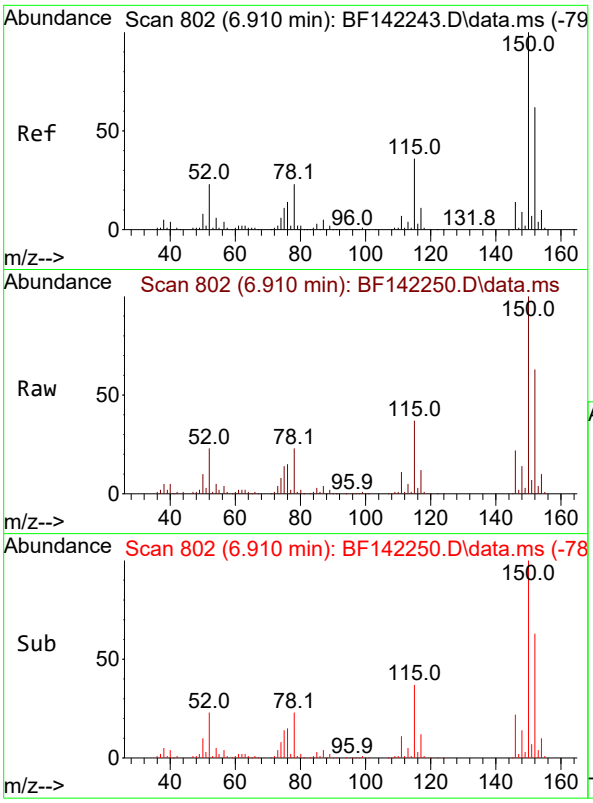
Quant Time: May 01 11:46:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

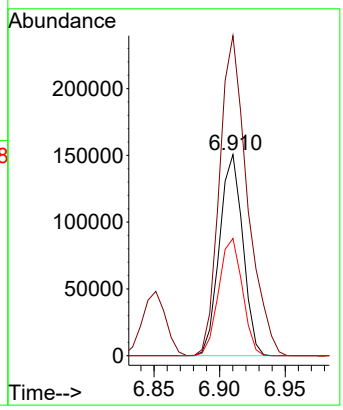




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:152 Resp: 18657

Ion	Ratio	Lower	Upper
152	100		
150	159.1	130.2	195.2
115	58.3	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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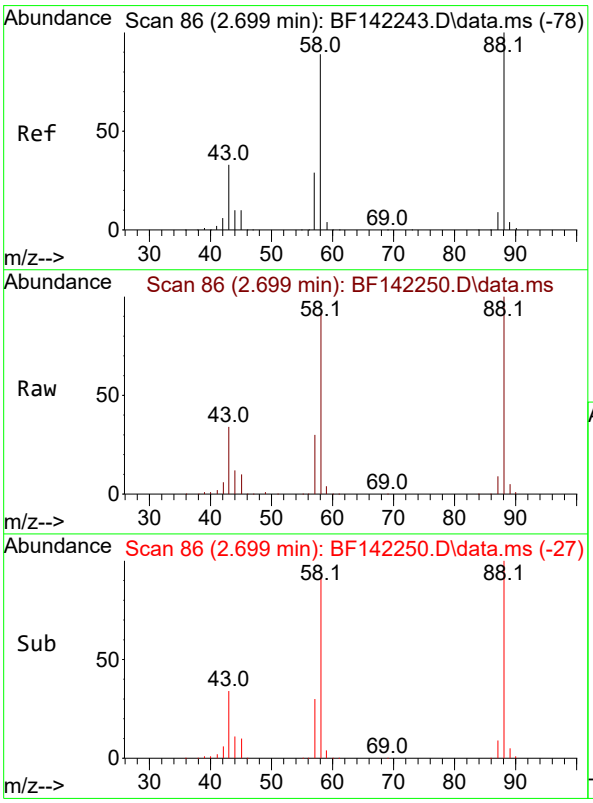
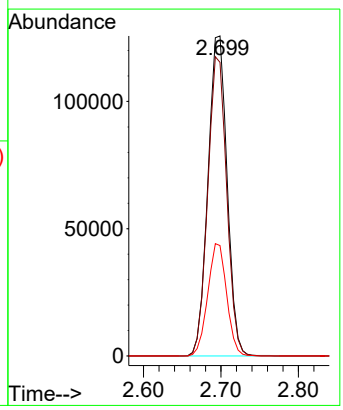
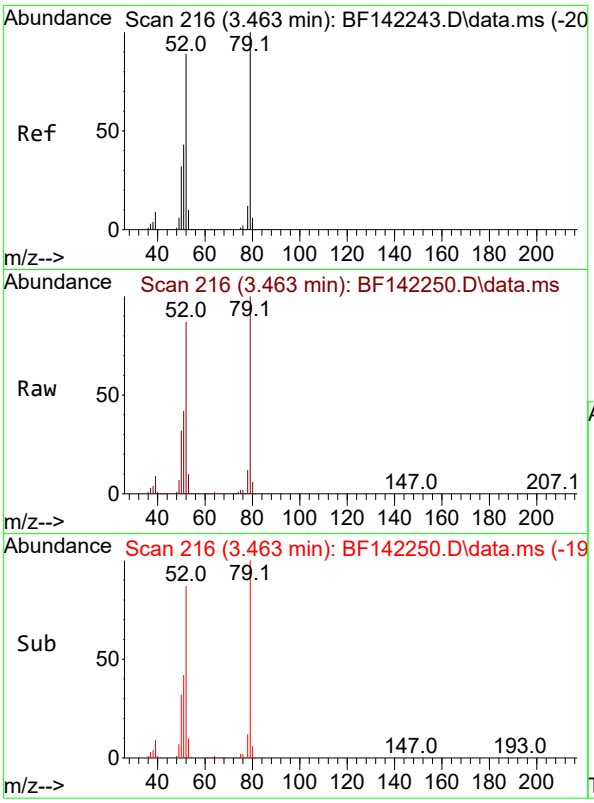


#2
1,4-Dioxane
Concen: 41.429 ng
RT: 2.699 min Scan# 86
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion: 88 Resp: 216157

Ion	Ratio	Lower	Upper
88	100		
58	92.7	72.2	108.2
43	34.7	27.0	40.6

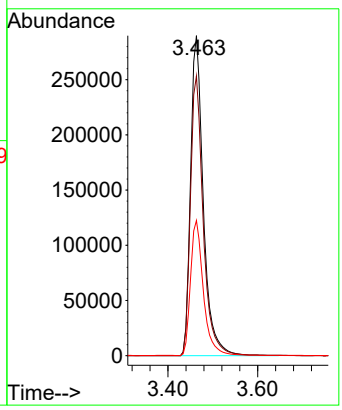




#3
Pyridine
Concen: 42.158 ng
RT: 3.463 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion: 79 Resp: 57167

Ion	Ratio	Lower	Upper
79	100		
52	87.4	71.5	107.3
51	42.2	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

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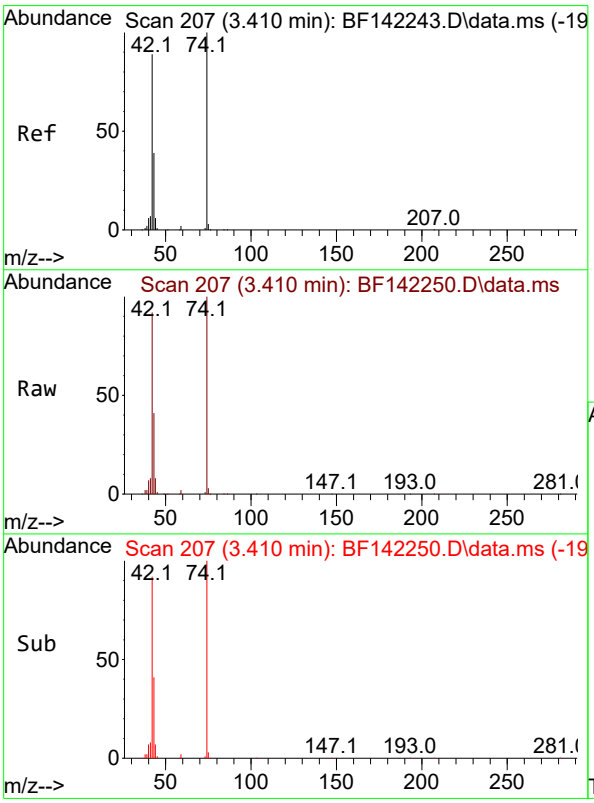
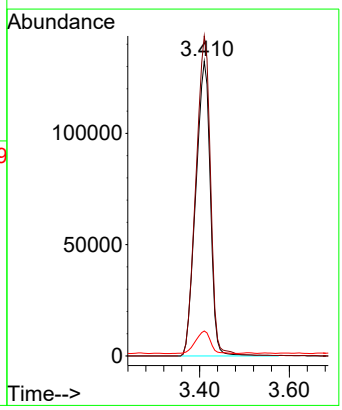
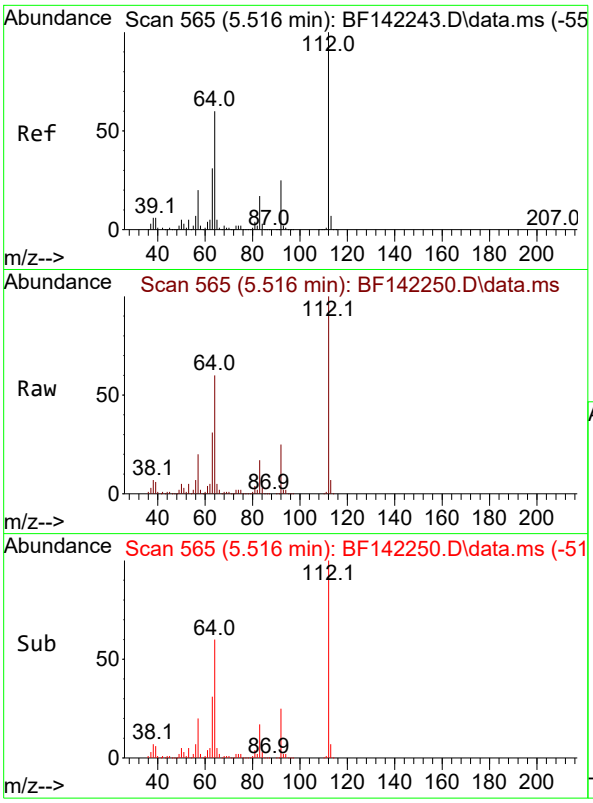


#4
n-Nitrosodimethylamine
Concen: 42.418 ng
RT: 3.410 min Scan# 207
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion: 42 Resp: 297662

Ion	Ratio	Lower	Upper
42	100		
74	108.6	89.5	134.3
44	8.5	6.6	9.8





#5
2-Fluorophenol
Concen: 79.825 ng
RT: 5.516 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:112 Resp: 93256

Ion	Ratio	Lower	Upper
112	100		
64	59.8	48.4	72.6
63	30.8	24.8	37.2

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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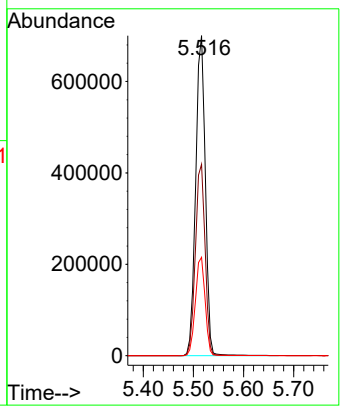
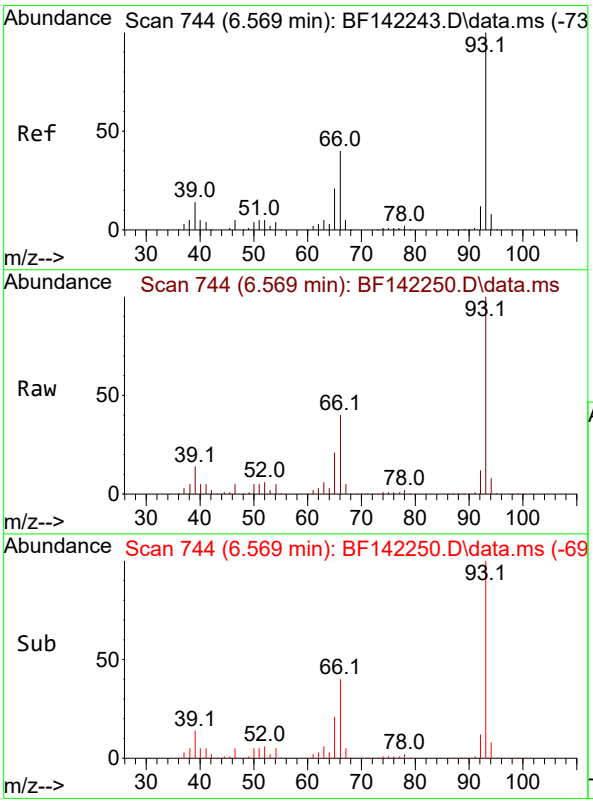
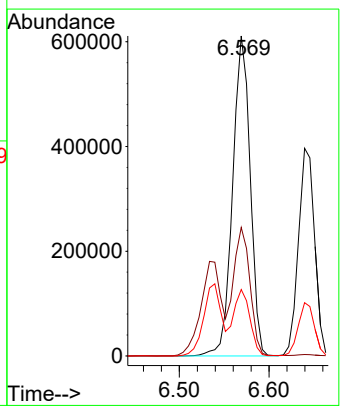


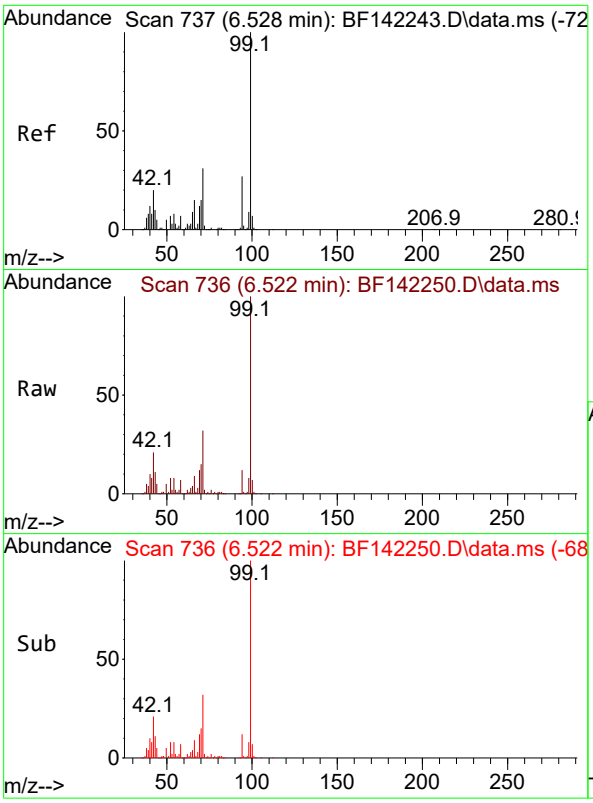


#6
Aniline
Concen: 41.579 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion: 93 Resp: 830257

Ion	Ratio	Lower	Upper
93	100		
66	40.1	32.1	48.1
65	20.7	16.6	24.8

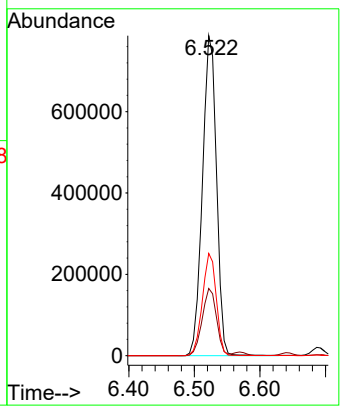




#7
Phenol-d6
Concen: 83.296 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion: 99 Resp: 117509

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.3	24.5
71	31.9	25.0	37.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

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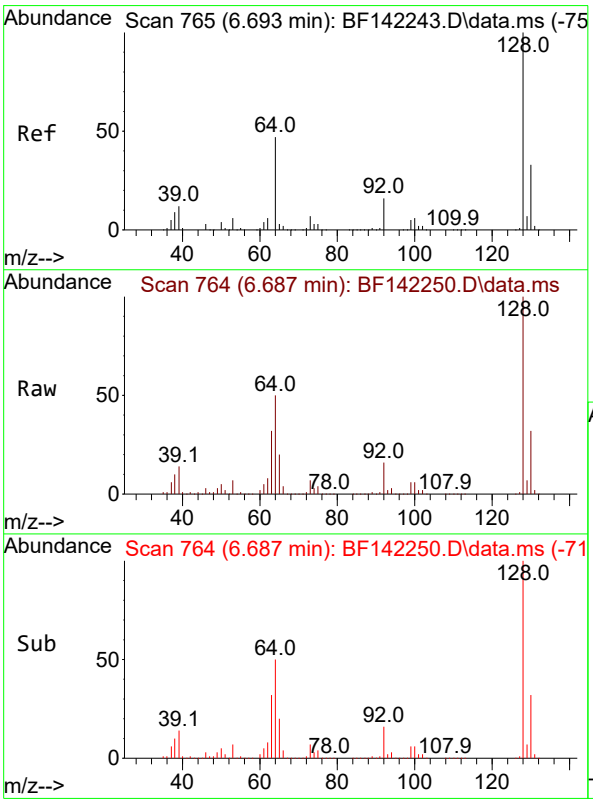
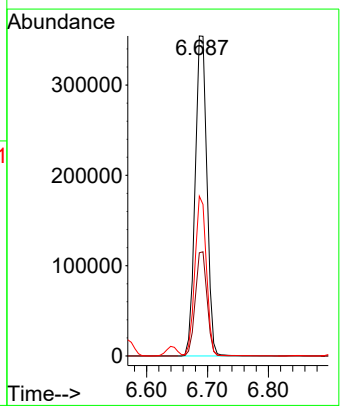
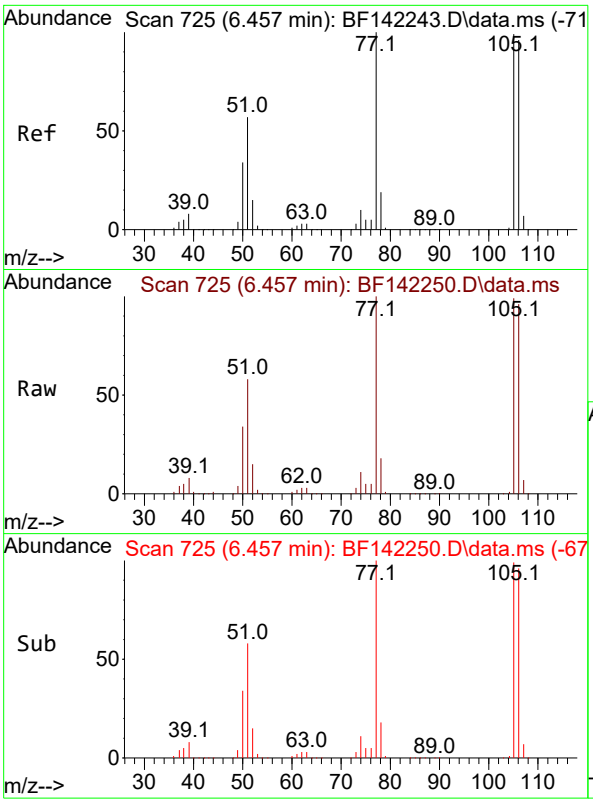


#8
2-Chlorophenol
Concen: 39.409 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:128 Resp: 475745

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.1	53.1
64	49.9	28.6	68.6

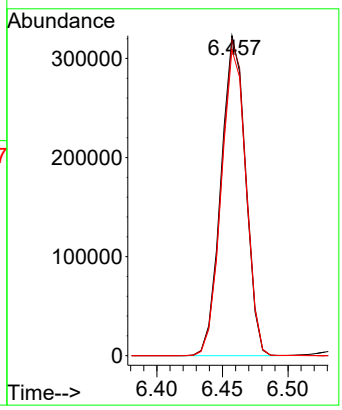




#9
Benzaldehyde
Concen: 42.464 ng
RT: 6.457 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion: 77 Resp: 41869

Ion	Ratio	Lower	Upper
77	100		
105	98.6	79.1	119.1
106	95.6	76.0	116.0



Instrument :
BNA_F
ClientSampleId :
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APPROVED

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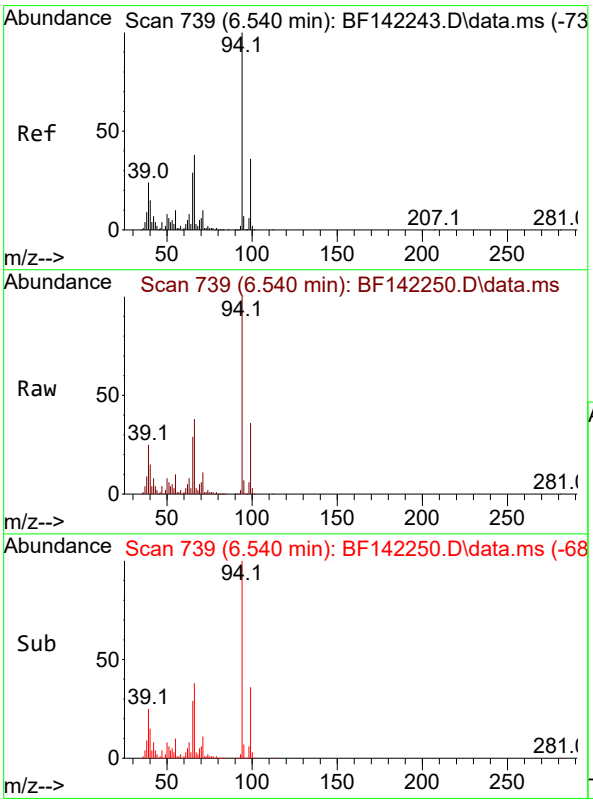
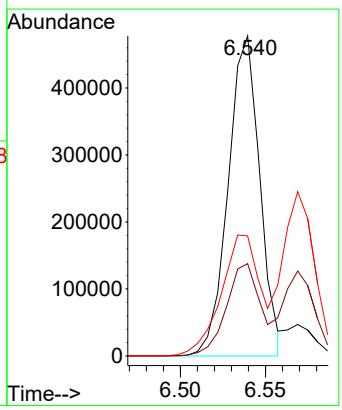
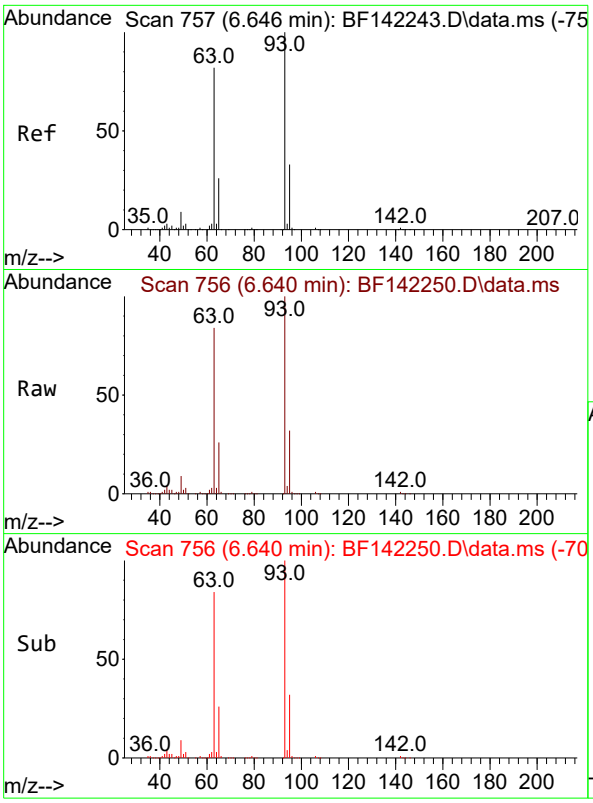


#10
Phenol
Concen: 40.684 ng m
RT: 6.540 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion: 94 Resp: 617909

Ion	Ratio	Lower	Upper
94	100		
65	28.8	8.9	48.9
66	37.5	18.7	58.7

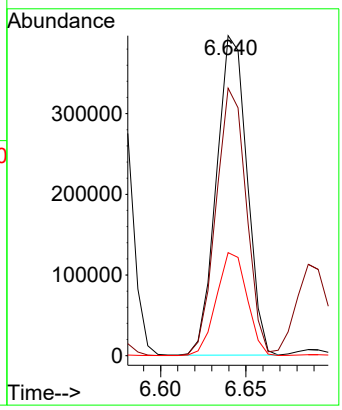




#11
bis(2-Chloroethyl)ether
Concen: 42.030 ng
RT: 6.640 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion: 93 Resp: 49466

Ion	Ratio	Lower	Upper
93	100		
63	83.6	62.2	102.2
95	32.2	12.7	52.7



Instrument :
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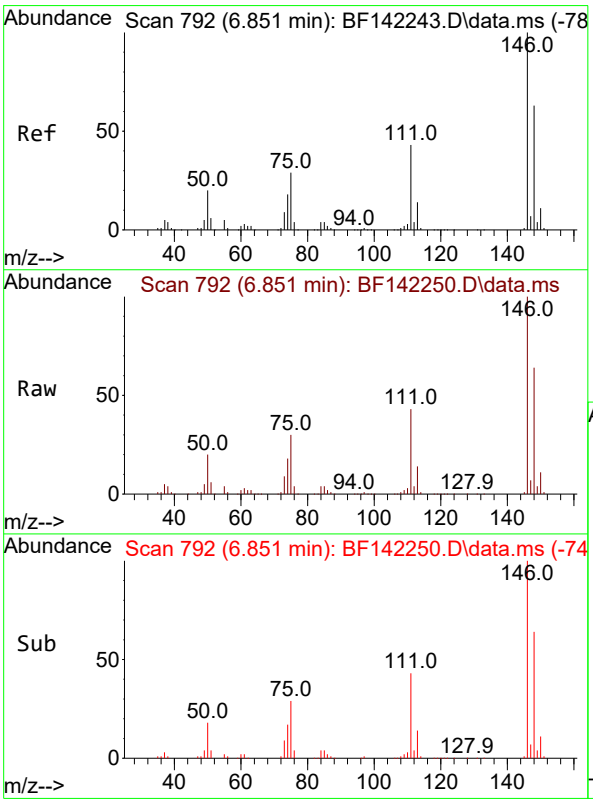
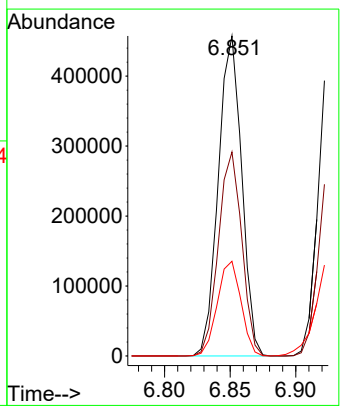
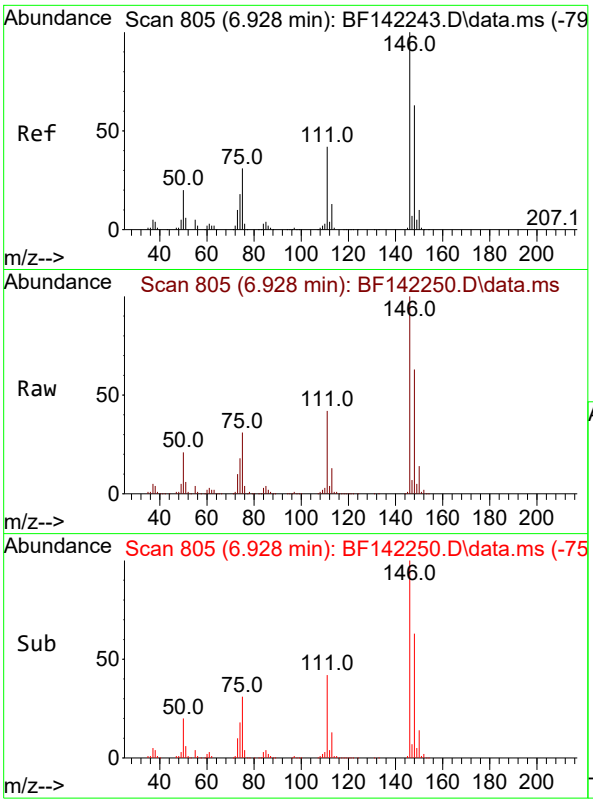


#12
1,3-Dichlorobenzene
Concen: 41.505 ng
RT: 6.851 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:146 Resp: 566821

Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.5	75.7
75	29.6	23.2	34.8

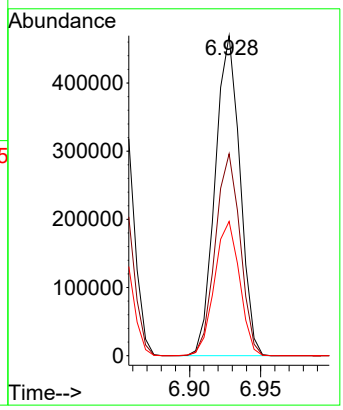




#13
1,4-Dichlorobenzene
Concen: 41.388 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:146 Resp: 56945

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	76.0
111	42.0	33.4	50.0



Instrument :
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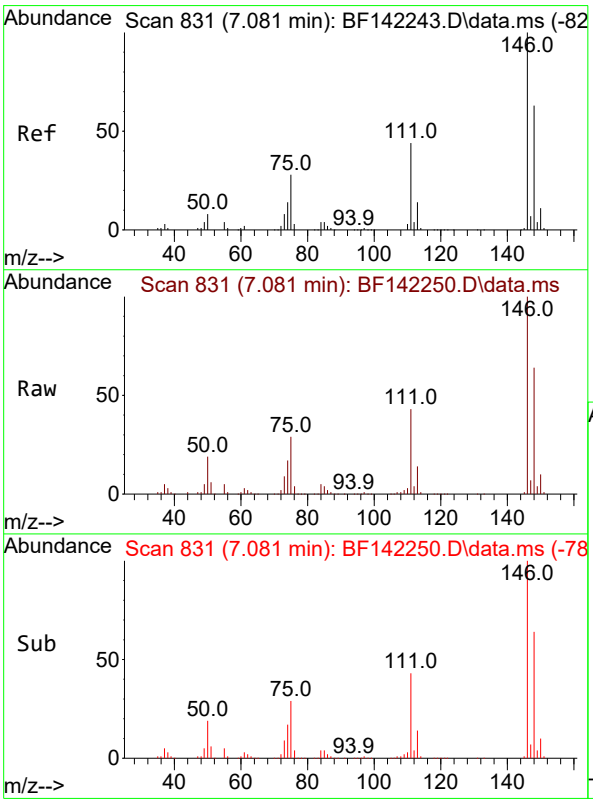
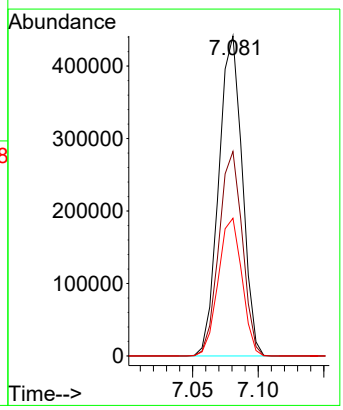
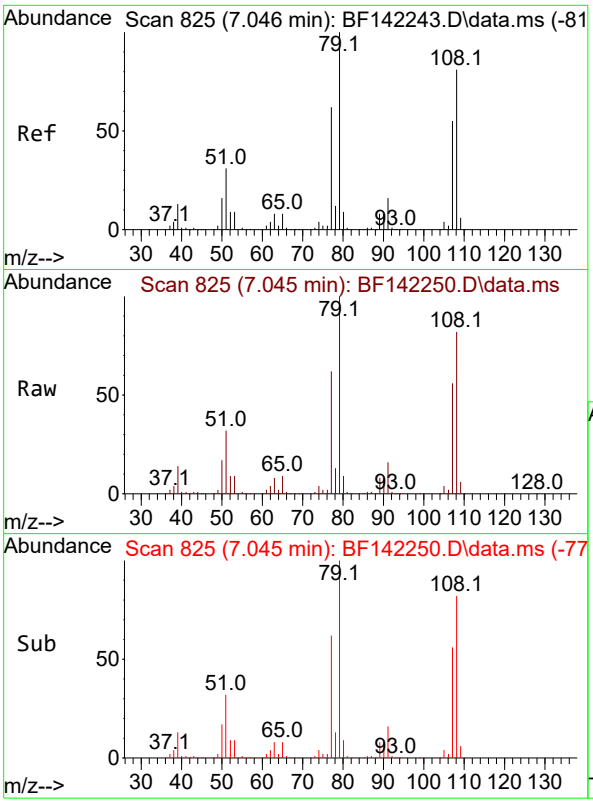


#14
1,2-Dichlorobenzene
Concen: 41.885 ng
RT: 7.081 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:146 Resp: 550181

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.5	75.7
111	43.0	34.9	52.3





#15
Benzyl Alcohol
Concen: 41.095 ng
RT: 7.045 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion: 79 Resp: 41118

Ion	Ratio	Lower	Upper
79	100		
108	81.7	64.5	96.7
77	62.1	49.2	73.8

Instrument :
BNA_F
ClientSampleId :
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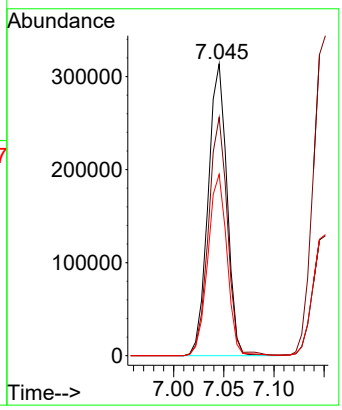
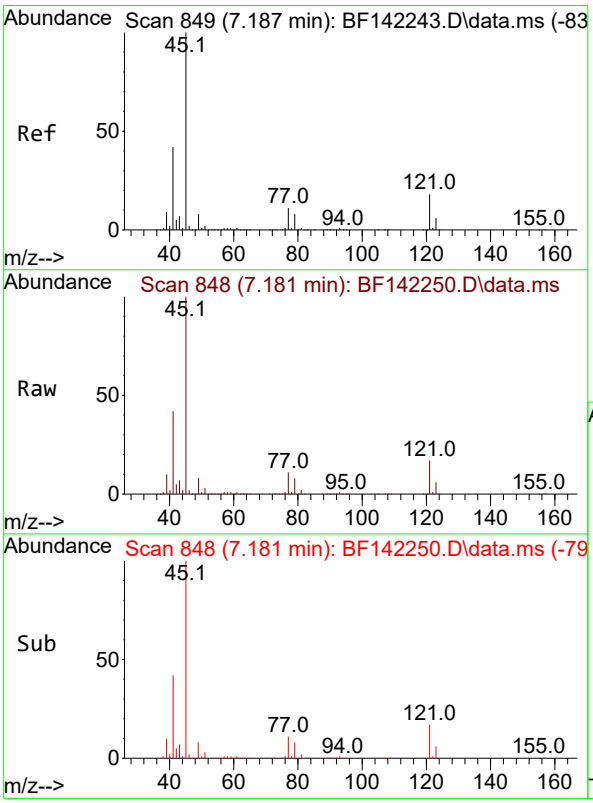
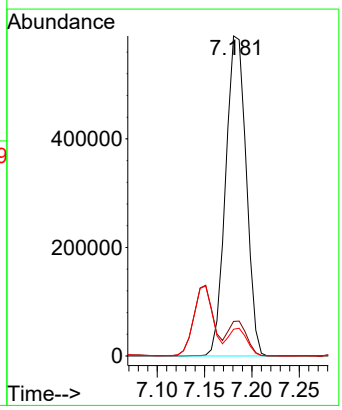


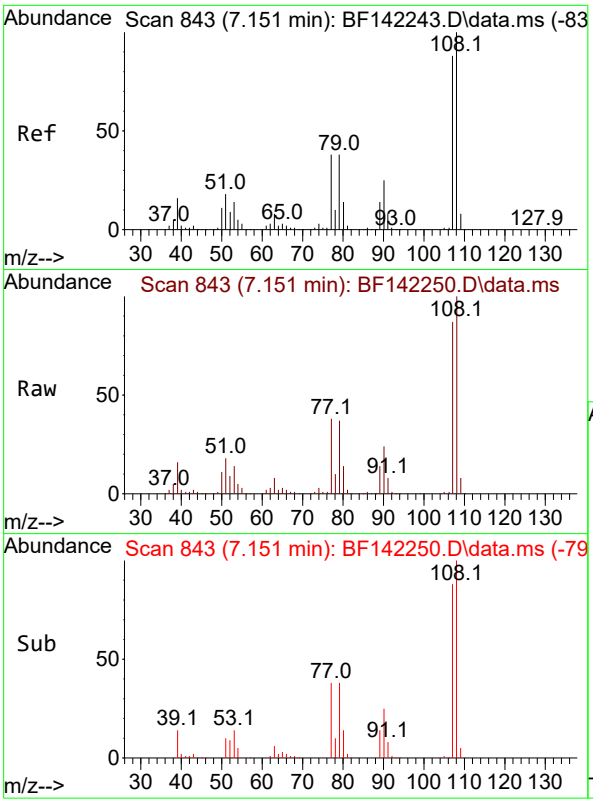


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.870 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion: 45 Resp: 889834

Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	31.3
79	8.4	0.0	28.5

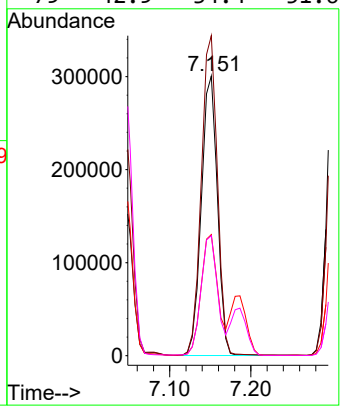




#17
2-Methylphenol
Concen: 41.610 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:107 Resp: 41149

Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.0	136.4
77	43.3	34.4	51.6
79	42.9	34.4	51.6



Instrument :
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ClientSampleId :
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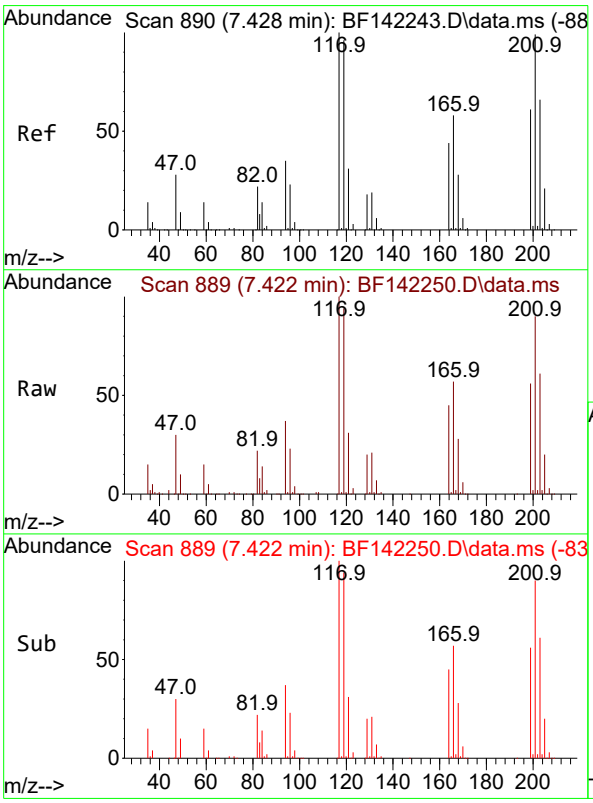
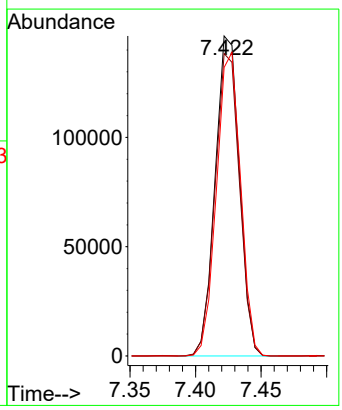
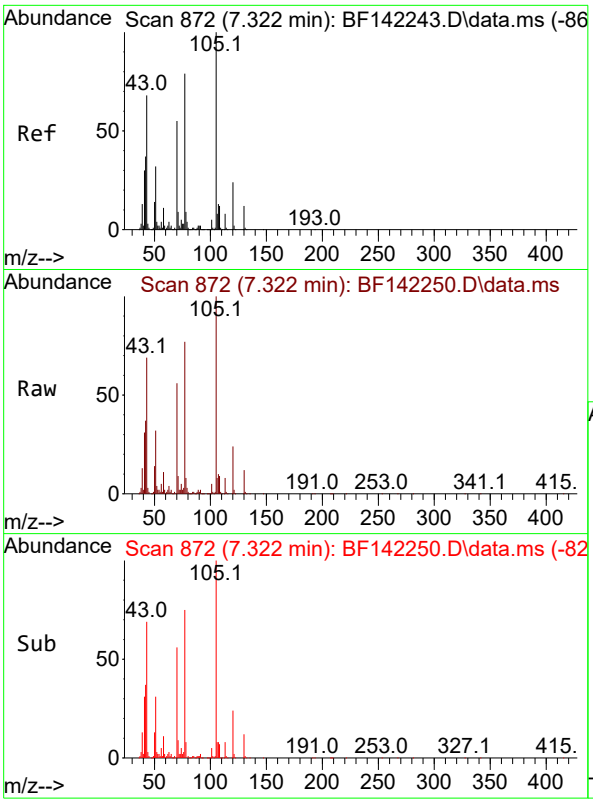


#18
Hexachloroethane
Concen: 41.867 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:117 Resp: 188542

Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.1	115.7
201	90.2	79.4	119.2

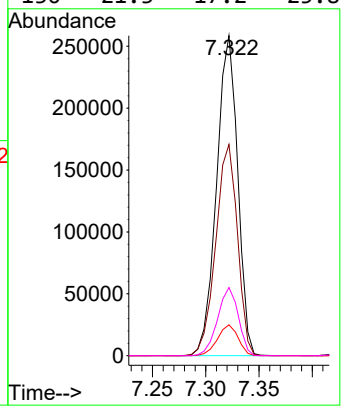




#19
n-Nitroso-di-n-propylamine
Concen: 40.842 ng
RT: 7.322 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion: 70 Resp: 35604

Ion	Ratio	Lower	Upper
70	100		
42	66.0	53.4	80.2
101	9.7	7.7	11.5
130	21.3	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
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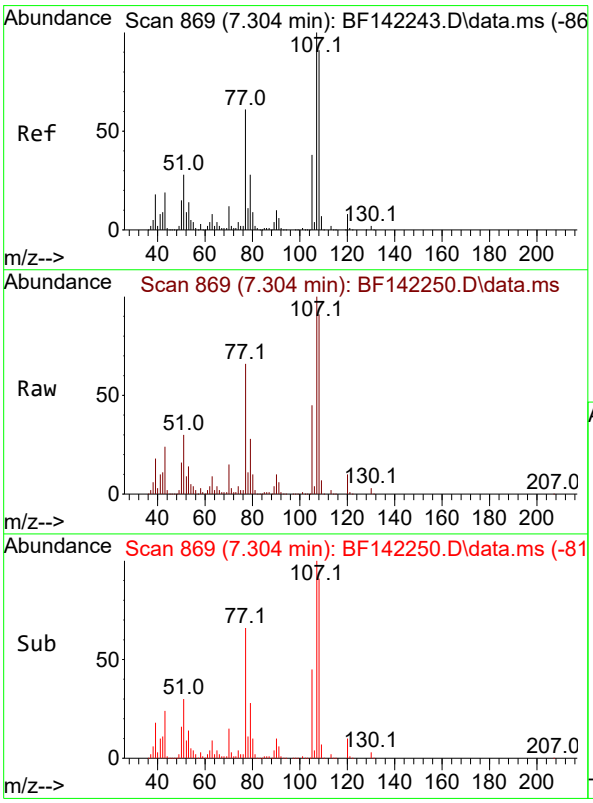
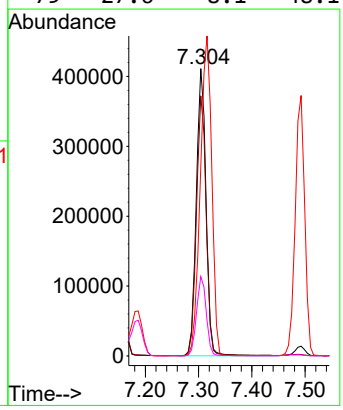
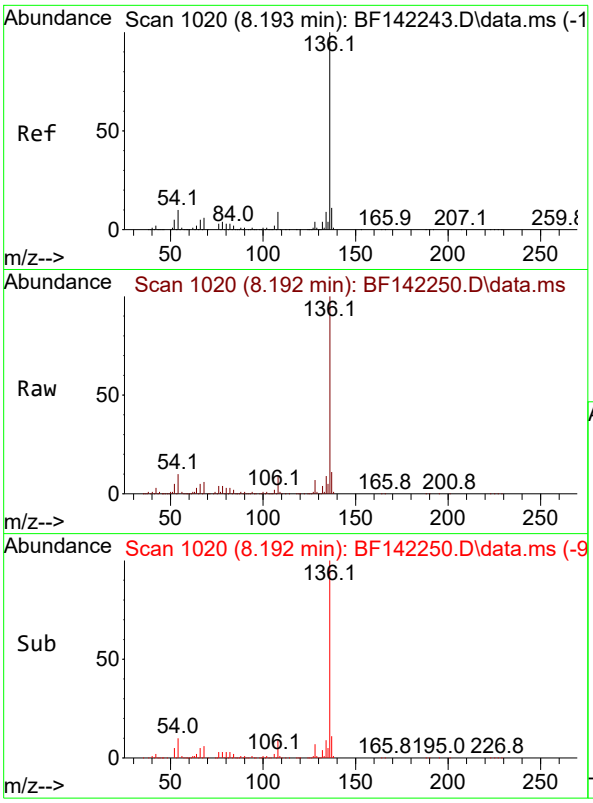


#20
3+4-Methylphenols
Concen: 42.351 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:107 Resp: 523765

Ion	Ratio	Lower	Upper
107	100		
108	90.6	71.2	111.2
77	65.8	41.1	81.1
79	27.6	8.1	48.1

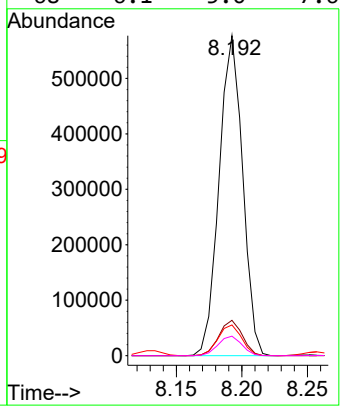




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1(
Delta R.T. -0.001 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:136 Resp: 71958(

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.6	7.7	11.5
68	6.1	5.0	7.6



Instrument :
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ClientSampleId :
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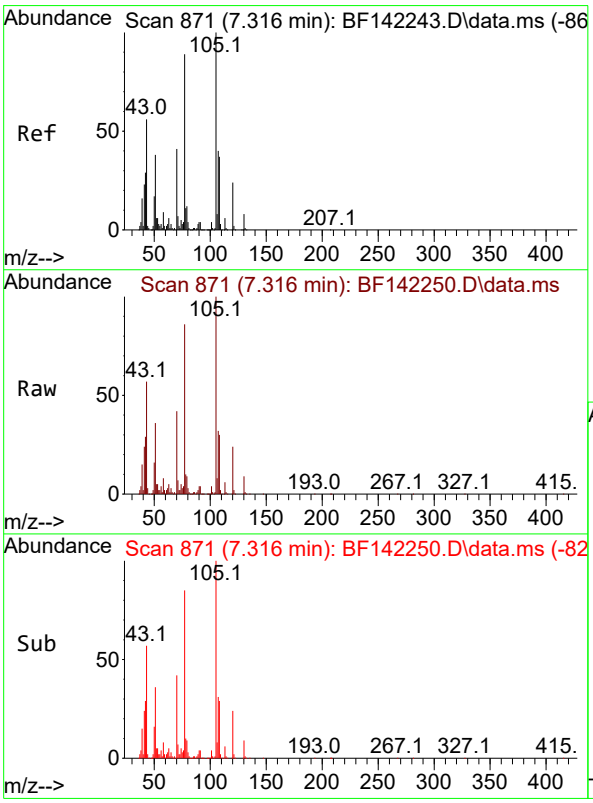
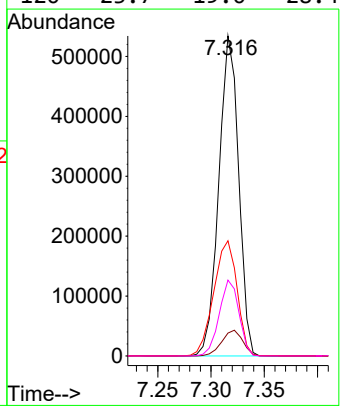
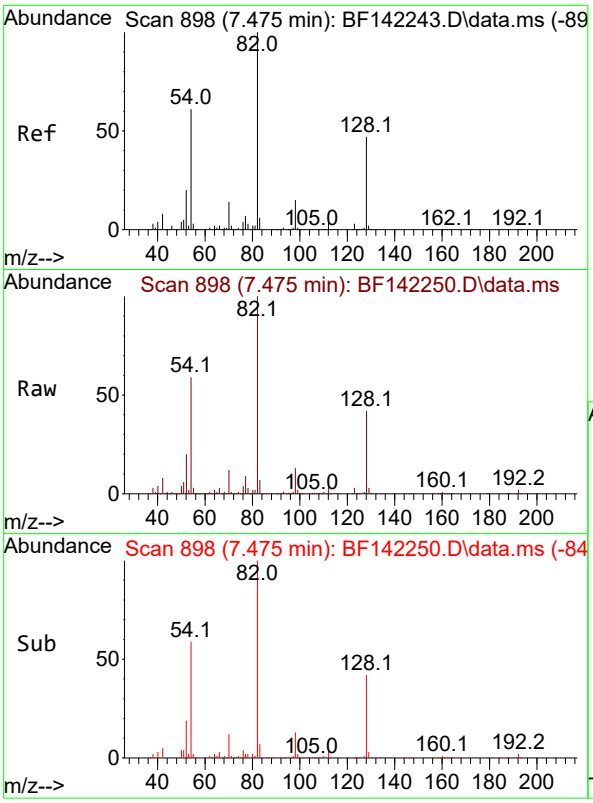


#22
Acetophenone
Concen: 41.462 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:105 Resp: 690233

Ion	Ratio	Lower	Upper
105	100		
71	7.2	5.7	8.5
51	36.0	30.1	45.1
120	23.7	19.0	28.4

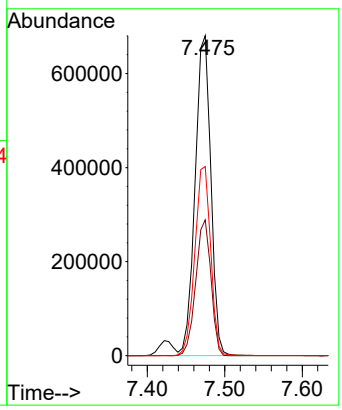




#23
Nitrobenzene-d5
Concen: 87.469 ng
RT: 7.475 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion: 82 Resp: 95805

Ion	Ratio	Lower	Upper
82	100		
128	42.5	37.0	55.6
54	59.1	48.0	72.0



Instrument :
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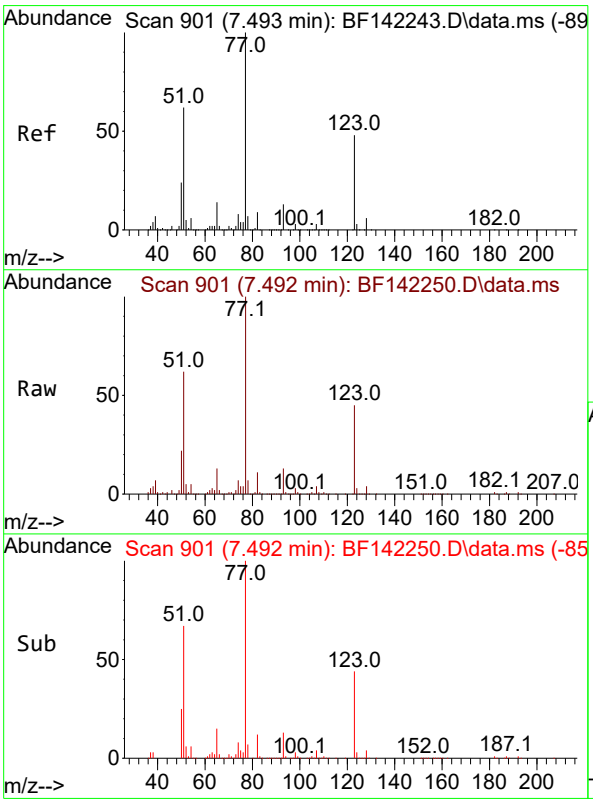
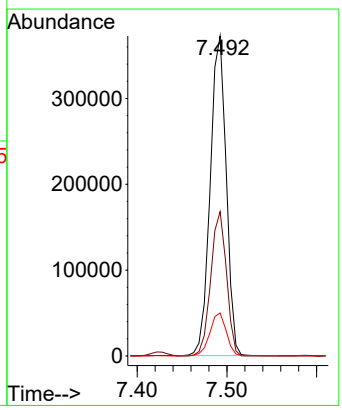
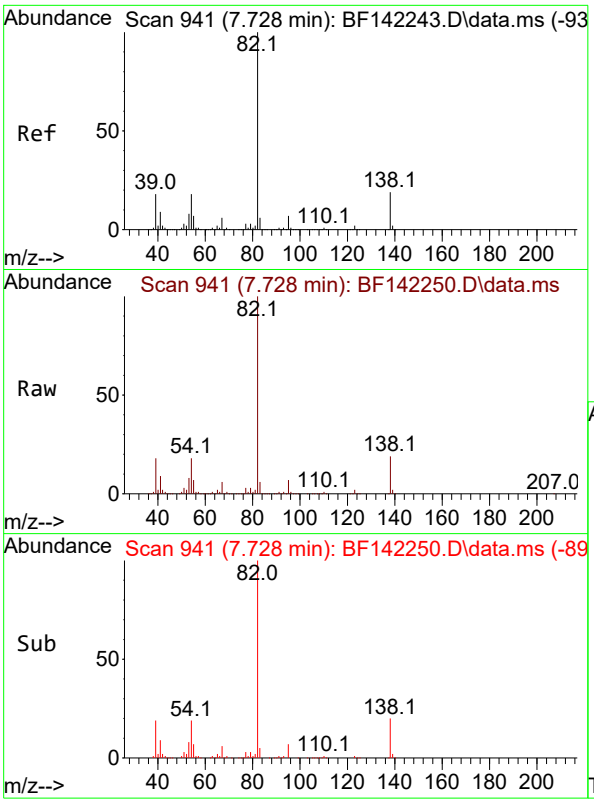


#24
Nitrobenzene
Concen: 42.902 ng
RT: 7.492 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion: 77 Resp: 461069

Ion	Ratio	Lower	Upper
77	100		
123	45.1	38.6	58.0
65	13.5	11.5	17.3





#25
Isophorone
Concen: 42.059 ng
RT: 7.728 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion: 82 Resp: 96681

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	19.2	15.3	22.9

Instrument :
BNA_F
ClientSampleId :
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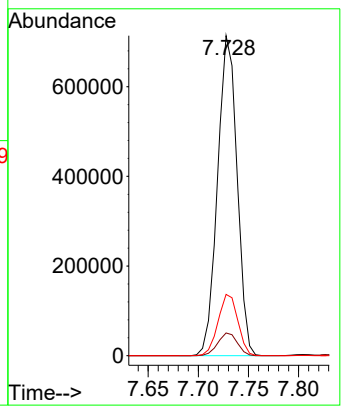
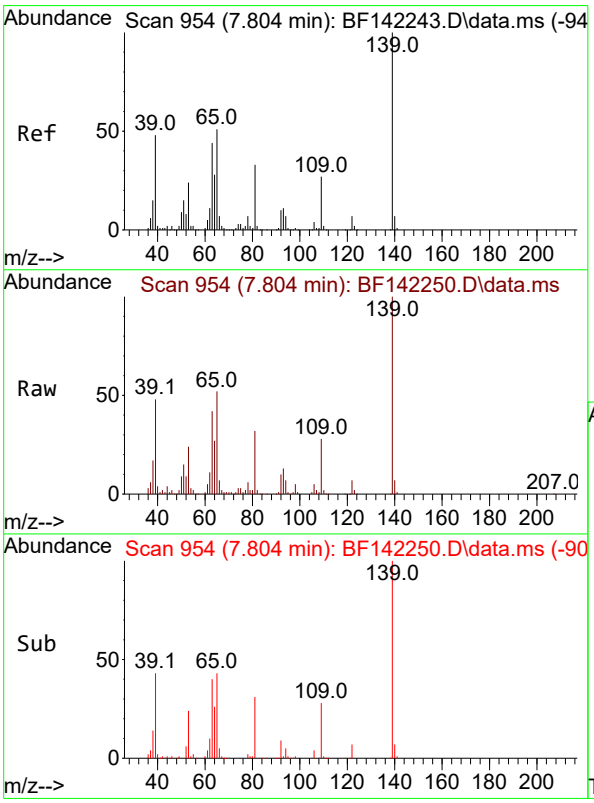
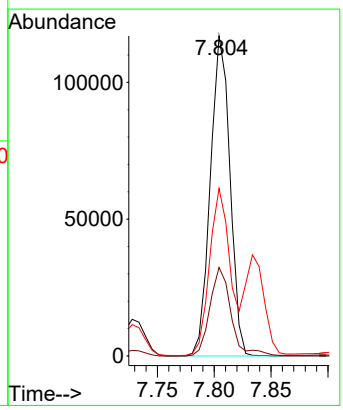


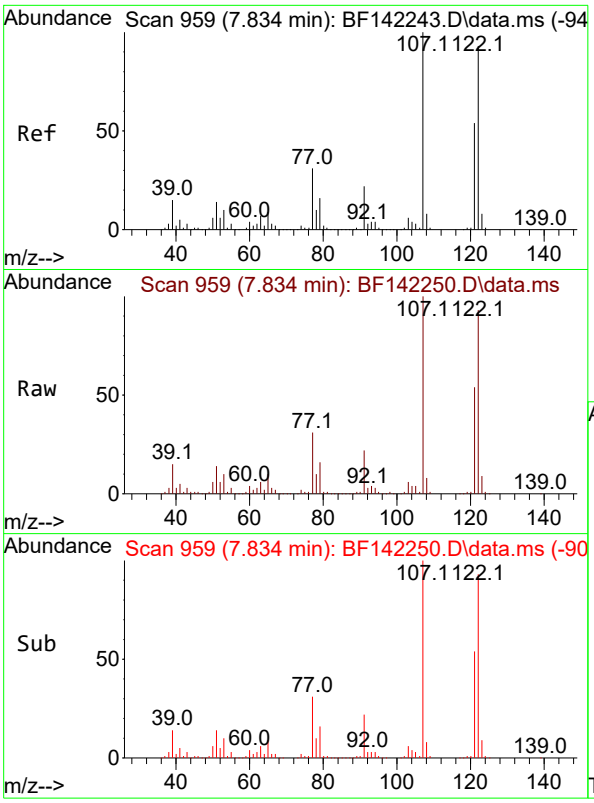


#26
2-Nitrophenol
Concen: 34.044 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:139 Resp: 140561

Ion	Ratio	Lower	Upper
139	100		
109	27.7	21.8	32.8
65	52.3	41.1	61.7

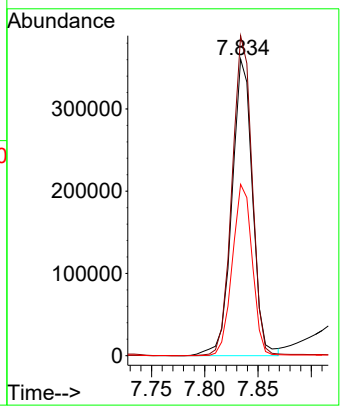




#27
2,4-Dimethylphenol
Concen: 41.898 ng
RT: 7.834 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:122 Resp: 48559

Ion	Ratio	Lower	Upper
122	100		
107	107.9	86.0	129.0
121	57.8	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
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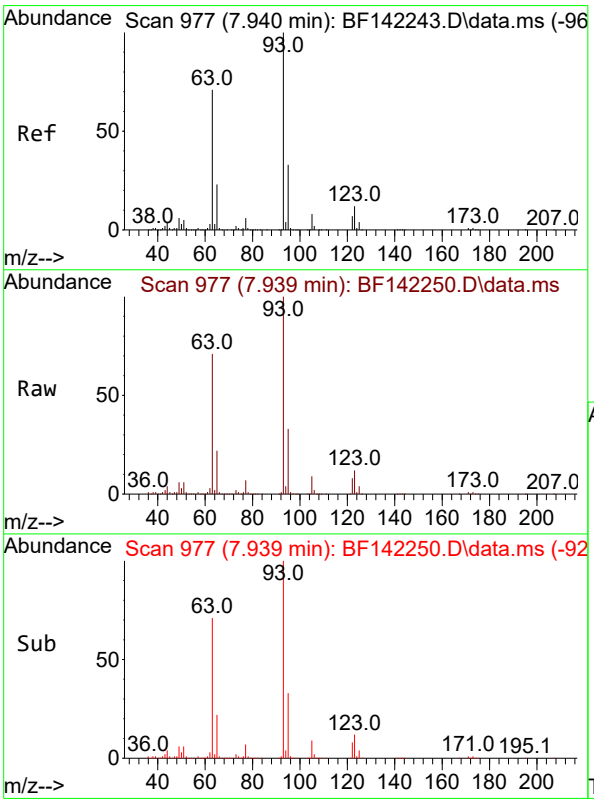
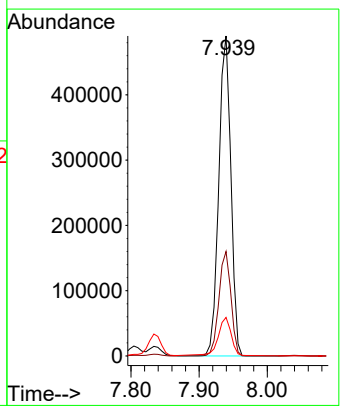
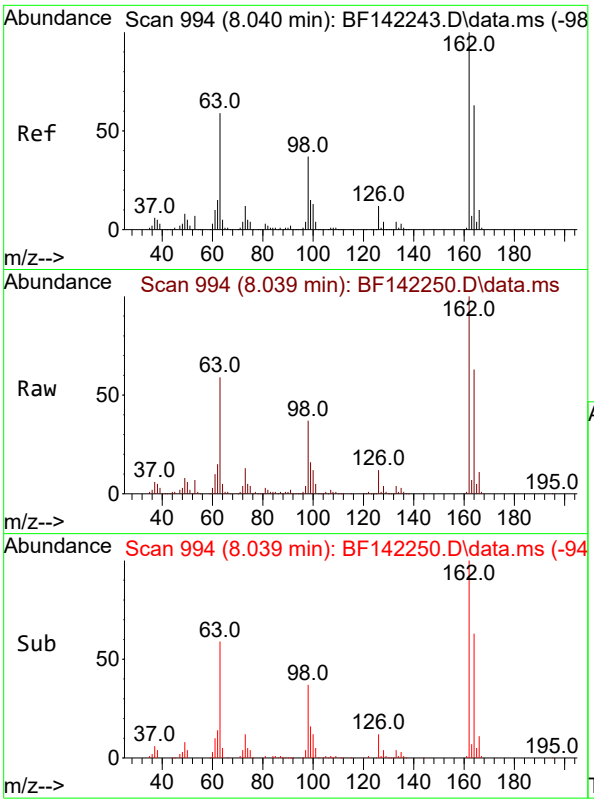


#28
bis(2-Chloroethoxy)methane
Concen: 41.820 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion: 93 Resp: 606286

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.2
123	12.0	9.7	14.5

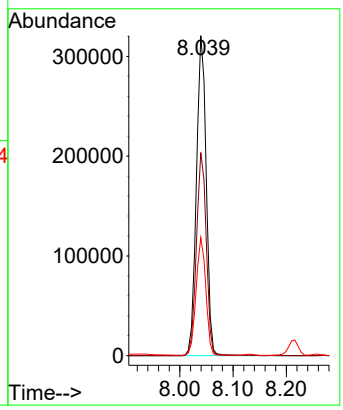




#29
2,4-Dichlorophenol
Concen: 42.280 ng
RT: 8.039 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:162 Resp: 40968

Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.0	83.0
98	36.9	16.7	56.7



Instrument :
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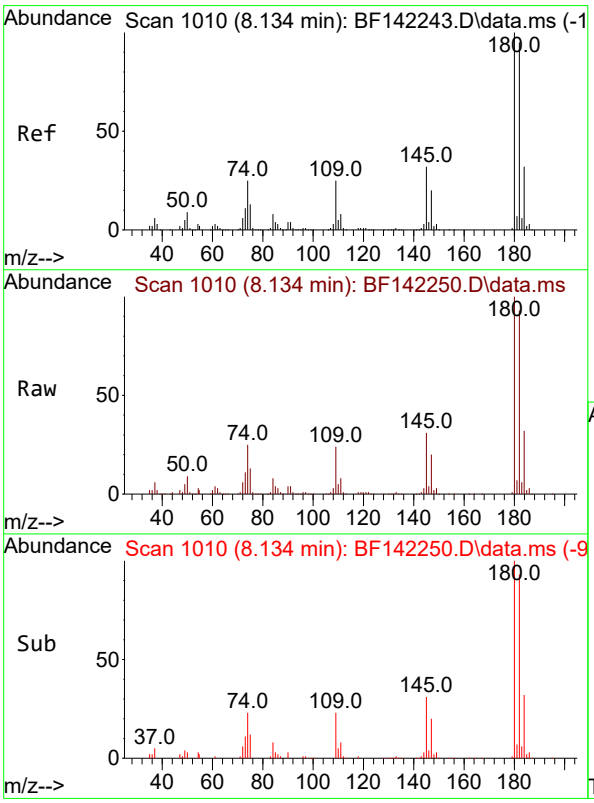
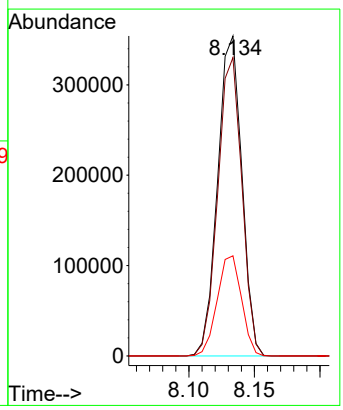
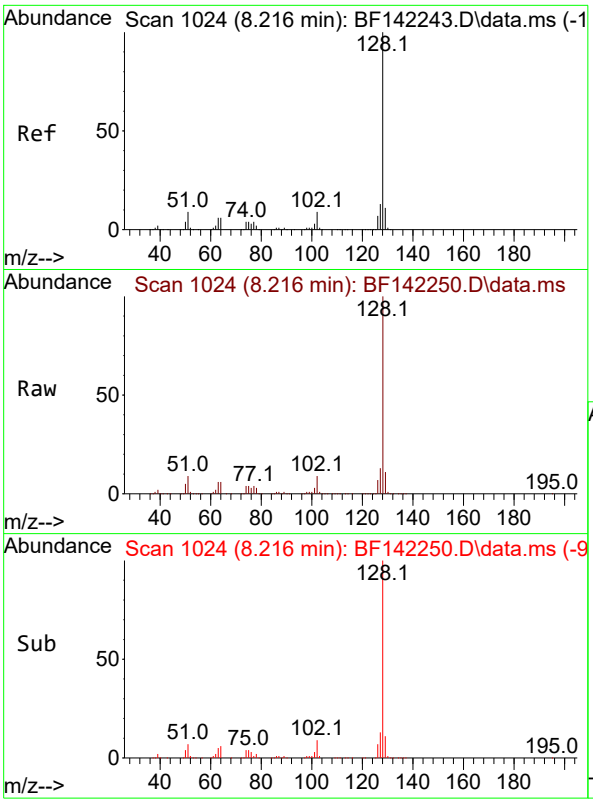


#30
1,2,4-Trichlorobenzene
Concen: 41.910 ng
RT: 8.134 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:180 Resp: 453172

Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.7	113.5
145	31.3	25.4	38.0

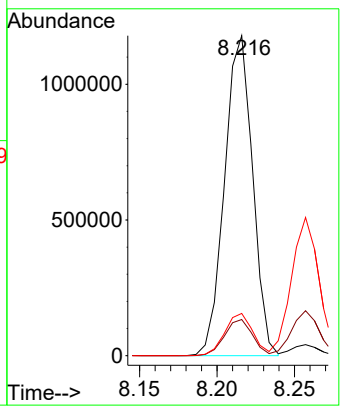




#31
Naphthalene
Concen: 41.304 ng
RT: 8.216 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:128 Resp: 148223

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.2	10.6	15.8



Instrument :
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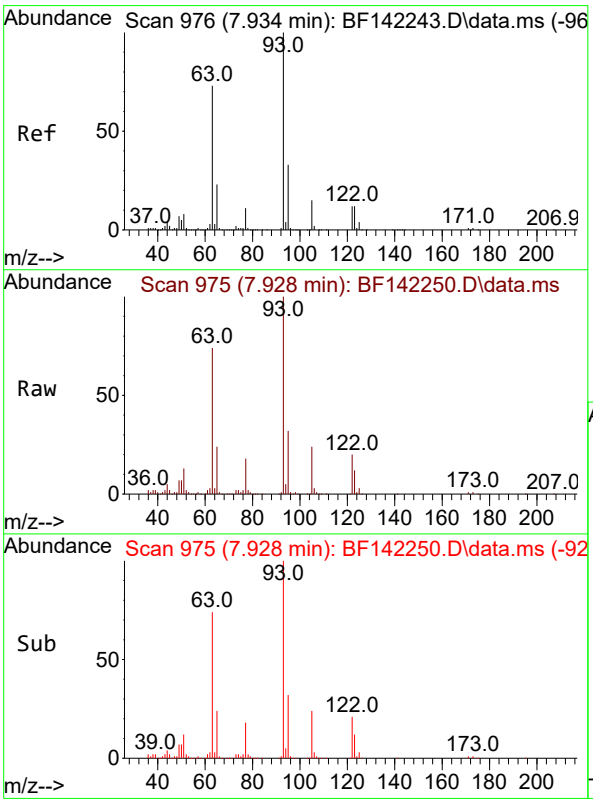
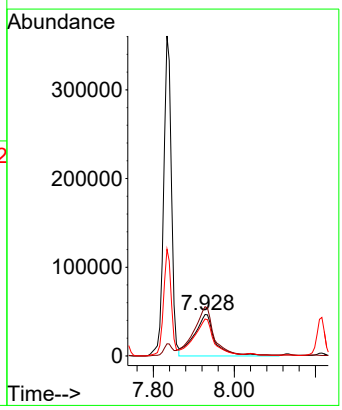
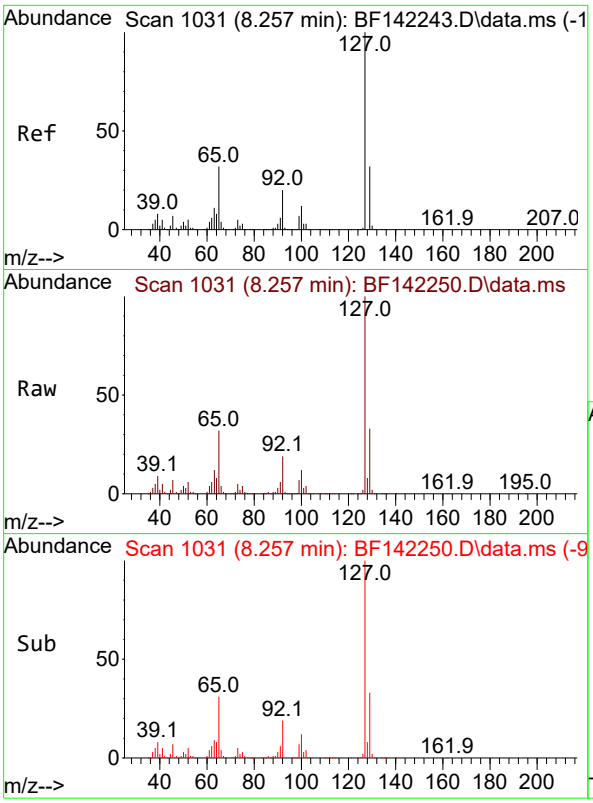


#32
Benzoic acid
Concen: 34.514 ng m
RT: 7.928 min Scan# 975
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:122 Resp: 168727

Ion	Ratio	Lower	Upper
122	100		
105	118.8	98.2	138.2
77	89.1	66.8	106.8

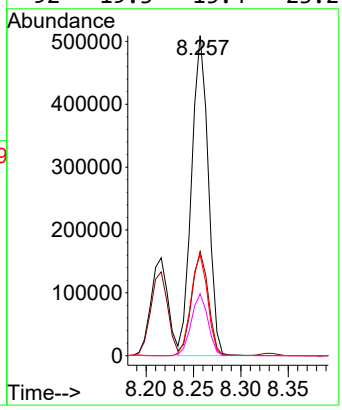




#33
4-Chloroaniline
Concen: 41.683 ng
RT: 8.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:127 Resp: 62288

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	31.6	25.5	38.3
92	19.3	15.4	23.2



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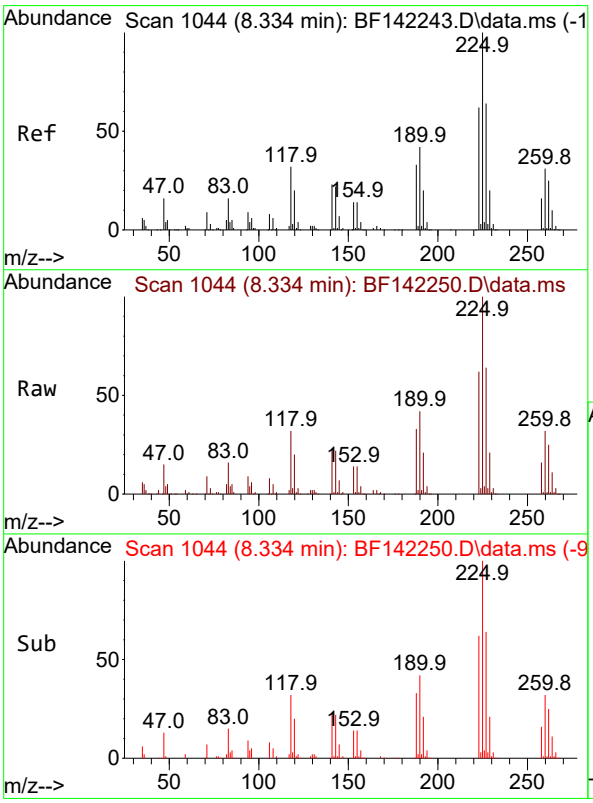
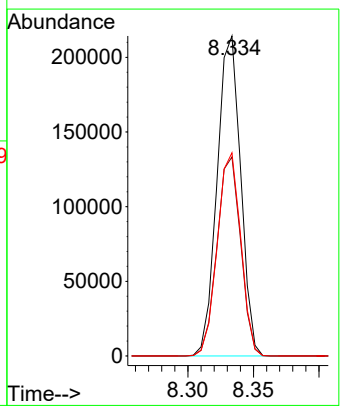
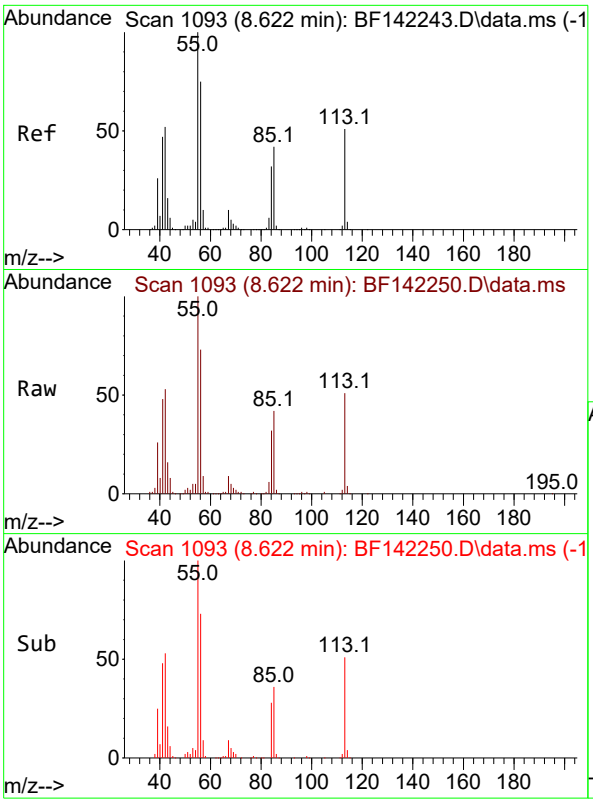


#34
Hexachlorobutadiene
Concen: 42.382 ng
RT: 8.334 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:225 Resp: 267370

Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.7	74.5
227	63.5	51.0	76.4





#35
Caprolactam
Concen: 44.410 ng
RT: 8.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:113 Resp: 12934

Ion	Ratio	Lower	Upper
113	100		
55	195.1	177.7	217.7
56	143.4	127.1	167.1

Instrument :
BNA_F
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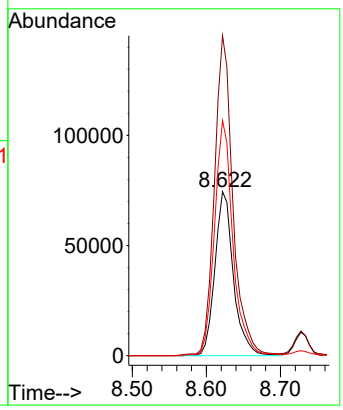
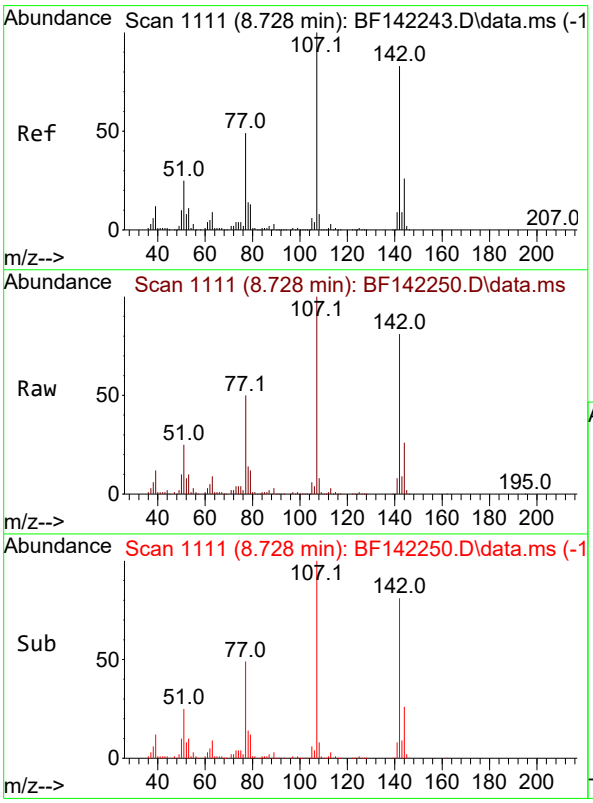
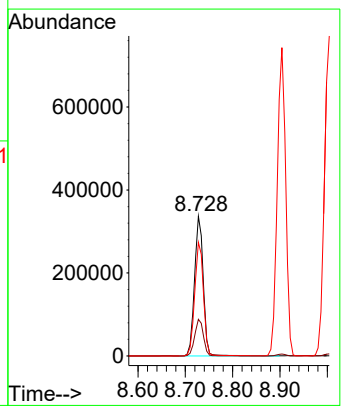


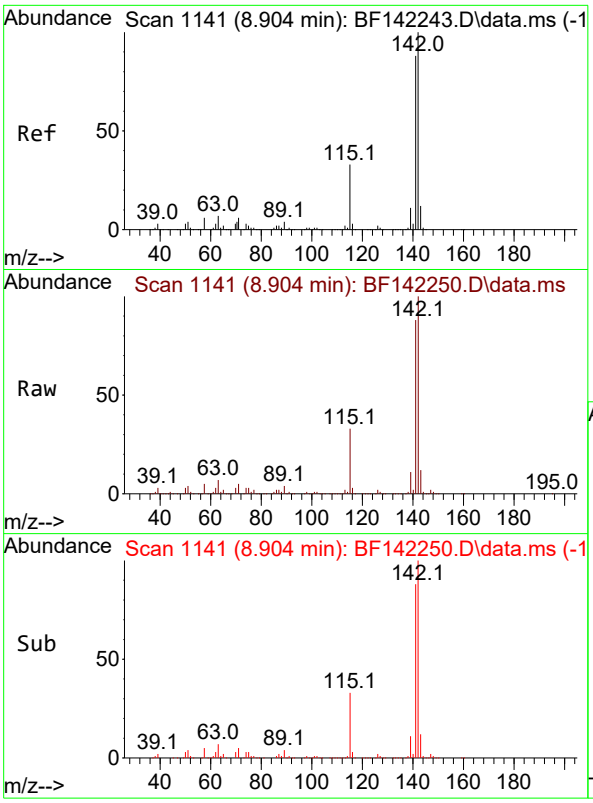


#36
4-Chloro-3-methylphenol
Concen: 43.337 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:107 Resp: 431195

Ion	Ratio	Lower	Upper
107	100		
144	26.2	21.0	31.4
142	81.4	66.1	99.1

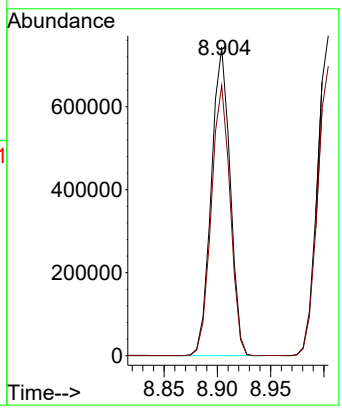




#37
2-Methylnaphthalene
Concen: 41.414 ng
RT: 8.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:142 Resp: 91376

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.5	105.7



Instrument :
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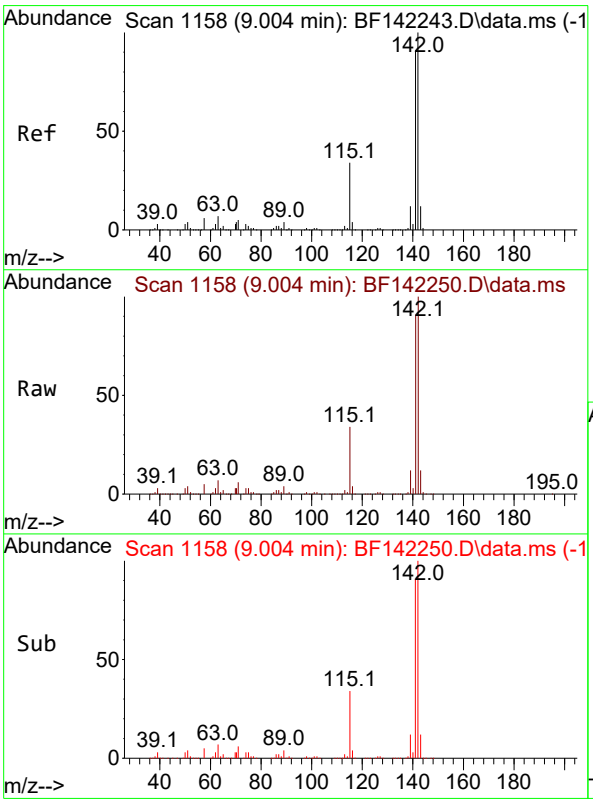
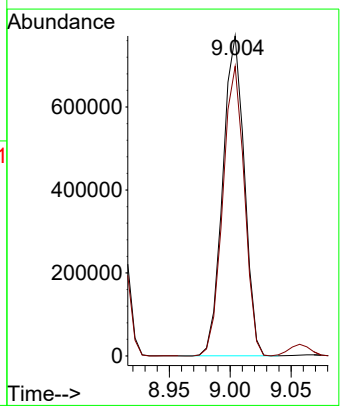
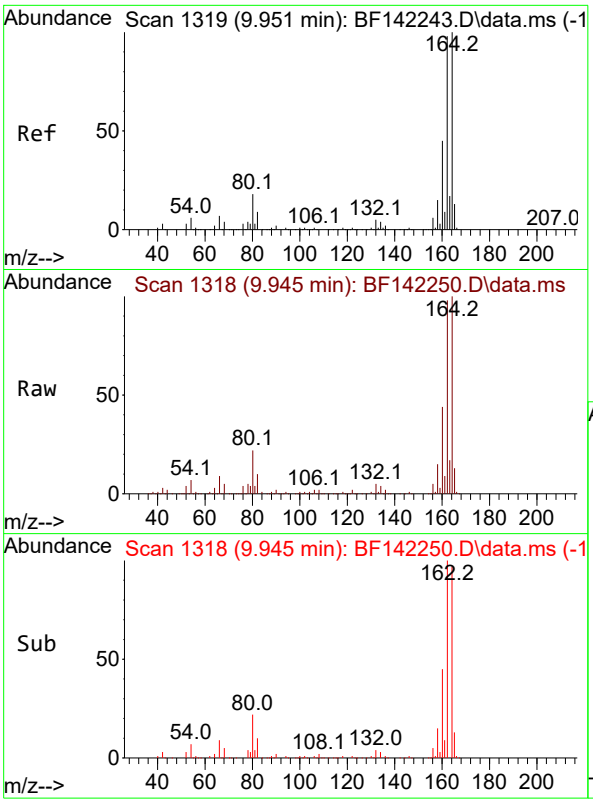


#38
1-Methylnaphthalene
Concen: 41.597 ng
RT: 9.004 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:142 Resp: 950787

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.8	109.2

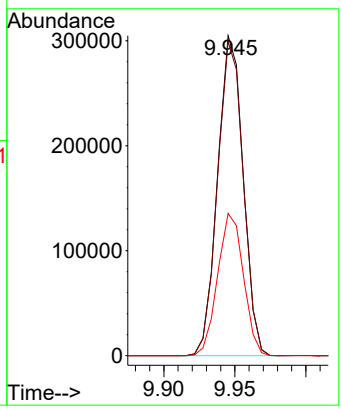




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:164 Resp: 38119

Ion	Ratio	Lower	Upper
164	100		
162	98.2	78.6	117.8
160	44.5	35.7	53.5



Instrument :
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ClientSampleId :
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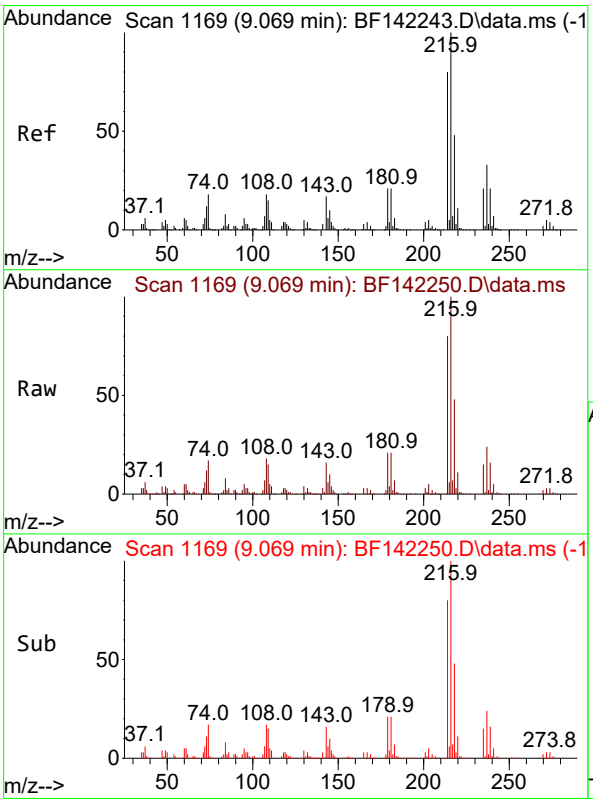
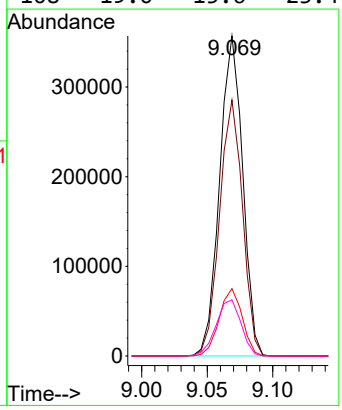
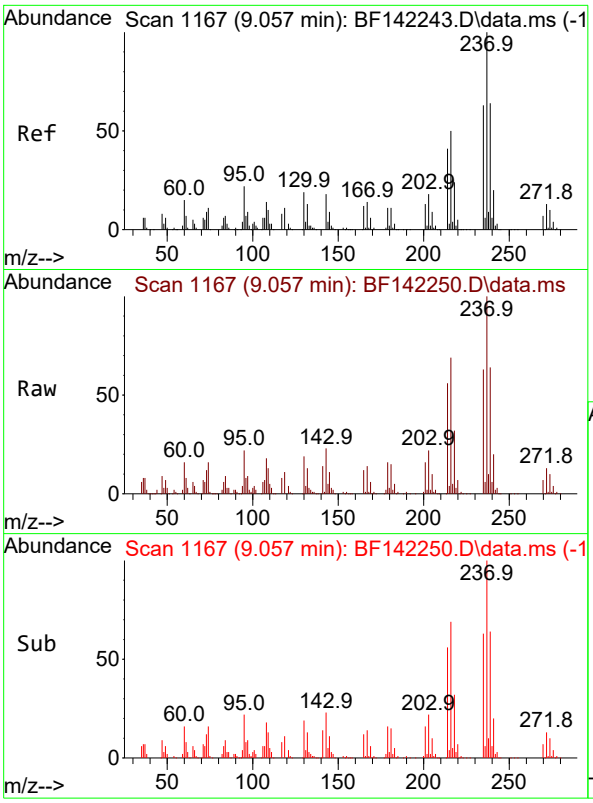


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.641 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:216 Resp: 435999

Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.8	95.6
179	21.1	16.7	25.1
108	19.0	15.6	23.4

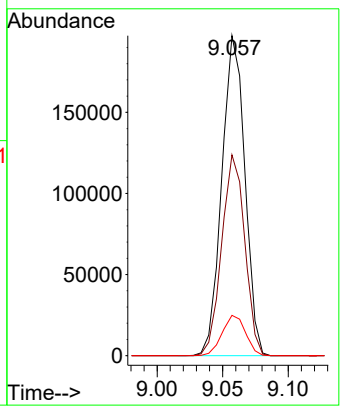




#41
Hexachlorocyclopentadiene
Concen: 39.605 ng
RT: 9.057 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:237 Resp: 24114

Ion	Ratio	Lower	Upper
237	100		
235	62.7	43.5	83.5
272	12.6	0.0	32.9



Instrument :
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ClientSampleId :
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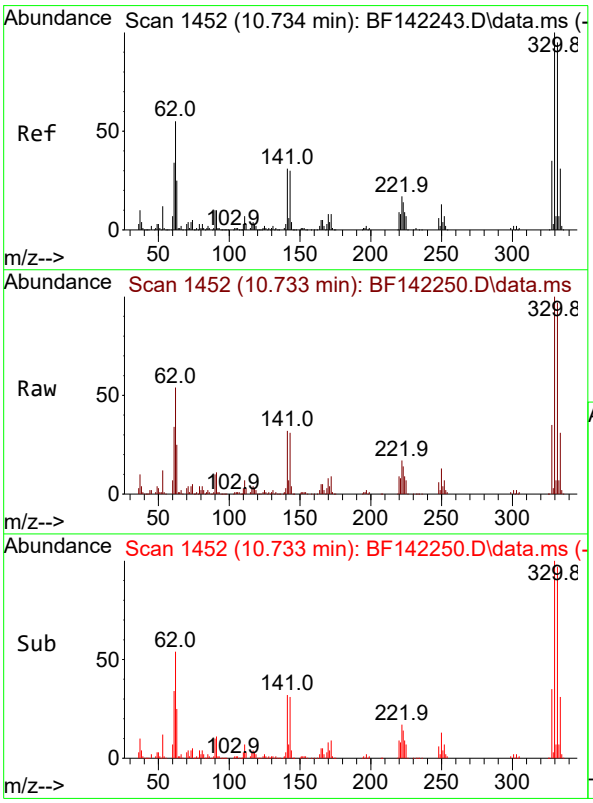
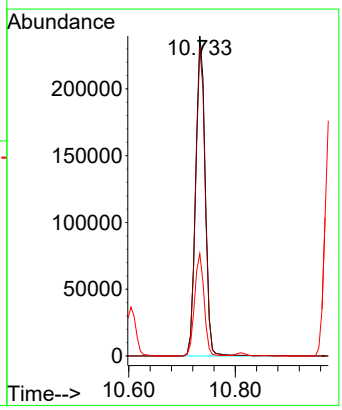
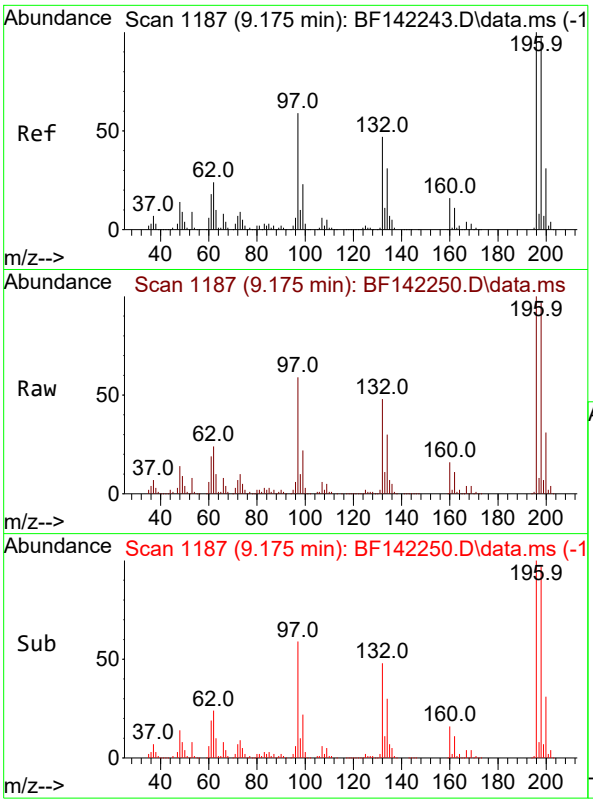


#42
2,4,6-Tribromophenol
Concen: 85.983 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:330 Resp: 298805

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.5	114.7
141	31.9	24.3	36.5

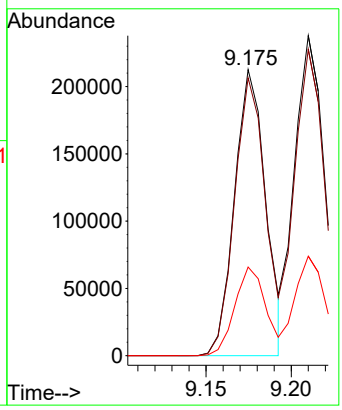




#43
2,4,6-Trichlorophenol
Concen: 40.551 ng
RT: 9.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:196 Resp: 26957

Ion	Ratio	Lower	Upper
196	100		
198	97.1	77.4	116.2
200	31.0	24.6	37.0



Instrument :
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ClientSampleId :
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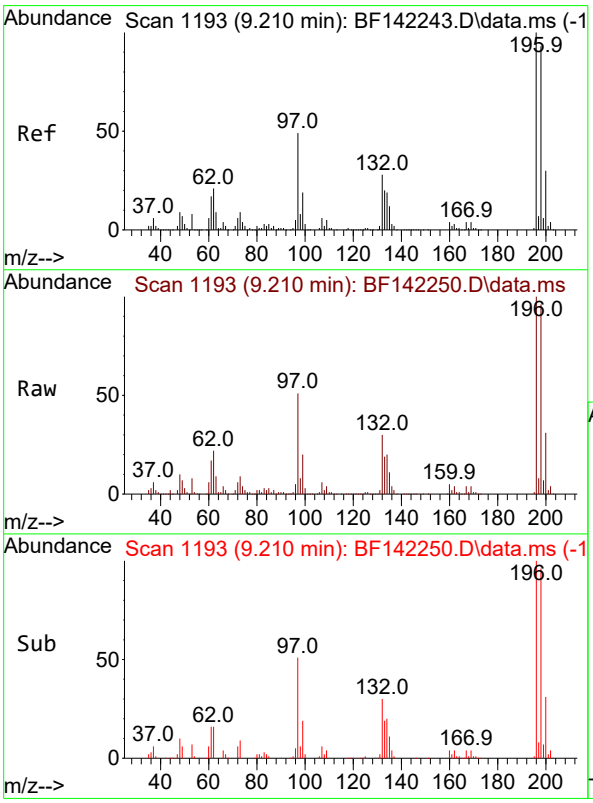
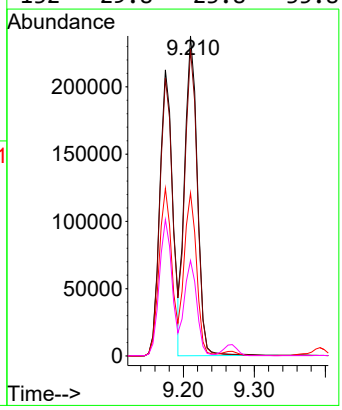
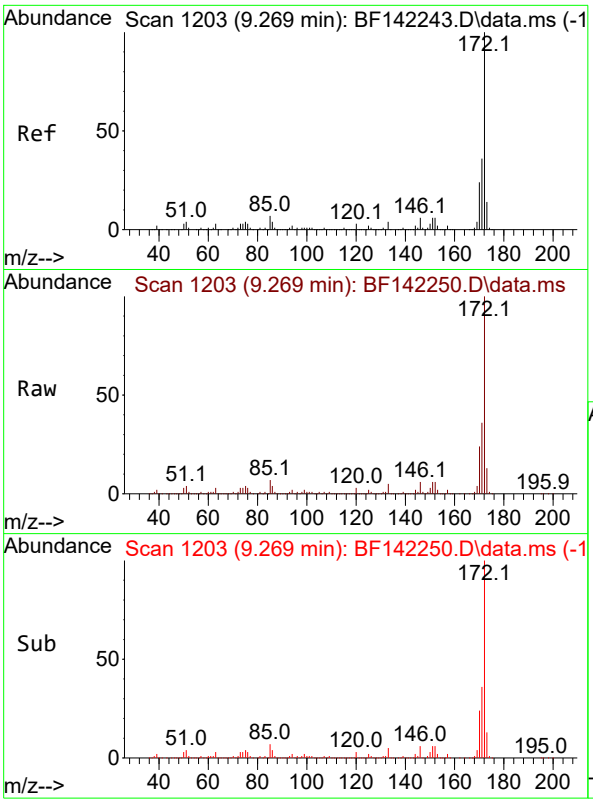


#44
2,4,5-Trichlorophenol
Concen: 42.108 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:196 Resp: 294308

Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.2	112.8
97	50.9	39.8	59.8
132	29.8	23.8	35.8

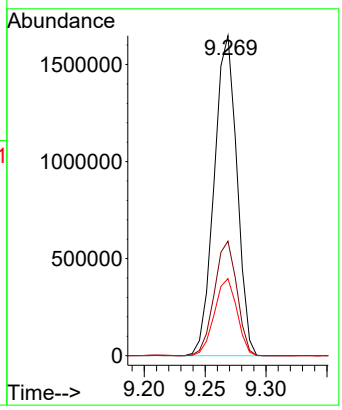




#45
2-Fluorobiphenyl
Concen: 79.446 ng
RT: 9.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:172 Resp: 214791

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.1	19.4	29.0



Instrument :
BNA_F
ClientSampleId :
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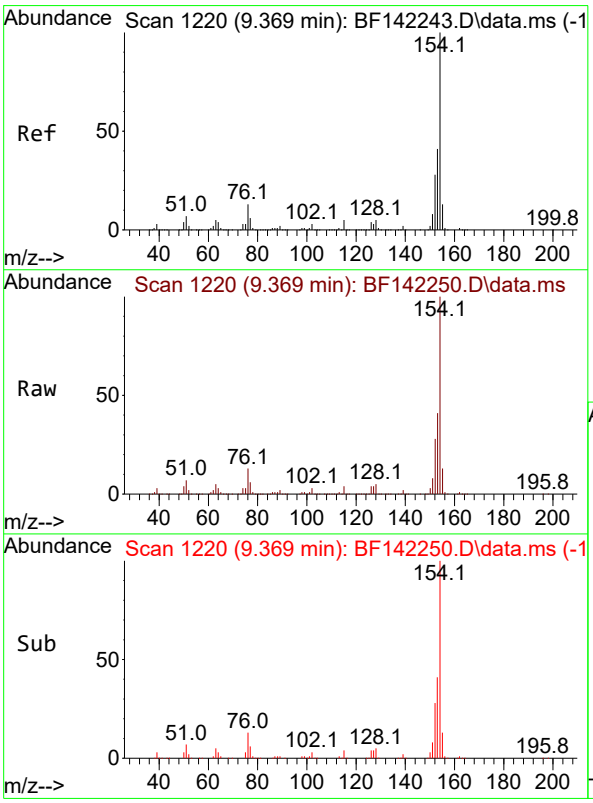
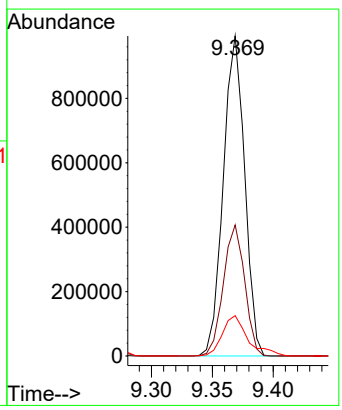
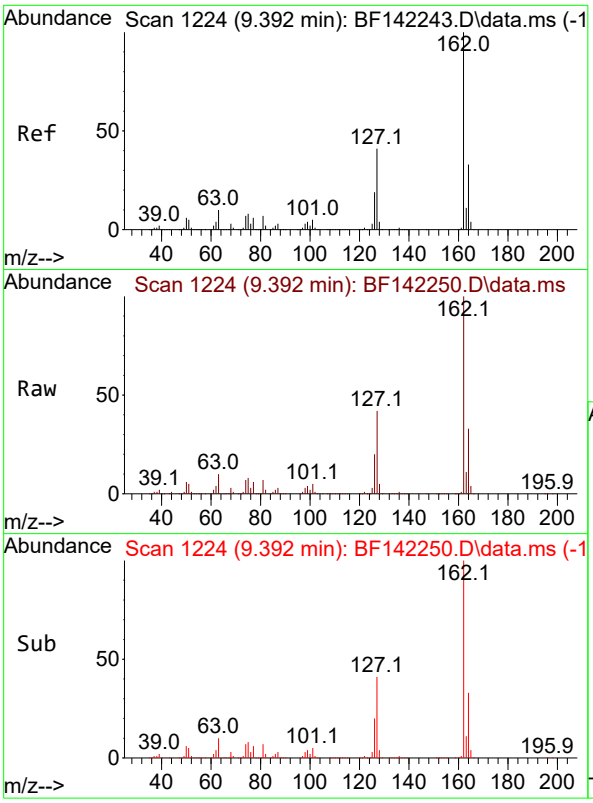


#46
1,1'-Biphenyl
Concen: 40.922 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:154 Resp: 1212716

Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.5	60.5
76	12.6	0.0	32.8





#47
2-Chloronaphthalene
Concen: 40.663 ng
RT: 9.392 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:162 Resp: 89654

Ion	Ratio	Lower	Upper
162	100		
127	41.5	32.6	49.0
164	33.3	26.1	39.1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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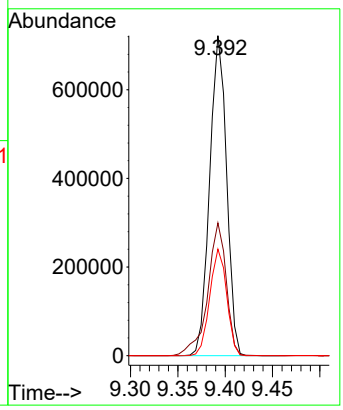
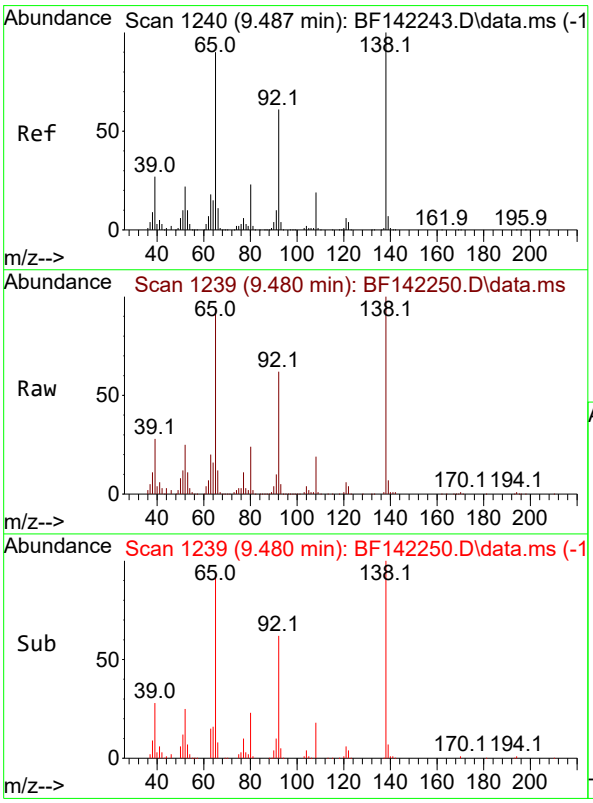
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

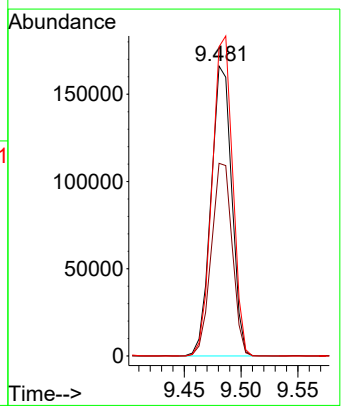


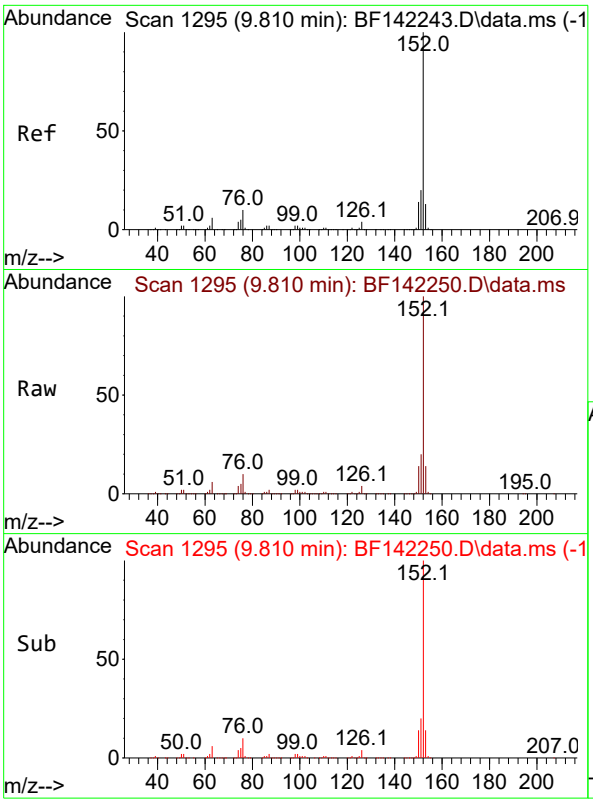


#48
2-Nitroaniline
Concen: 37.508 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.007 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion: 65 Resp: 211351

Ion	Ratio	Lower	Upper
65	100		
92	66.4	54.3	81.5
138	106.6	88.6	133.0

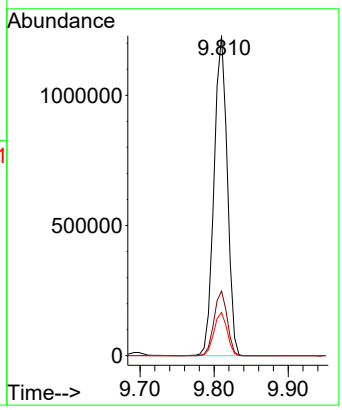




#49
Acenaphthylene
Concen: 40.906 ng
RT: 9.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:152 Resp: 152194

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.5	10.7	16.1



Instrument :
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ClientSampleId :
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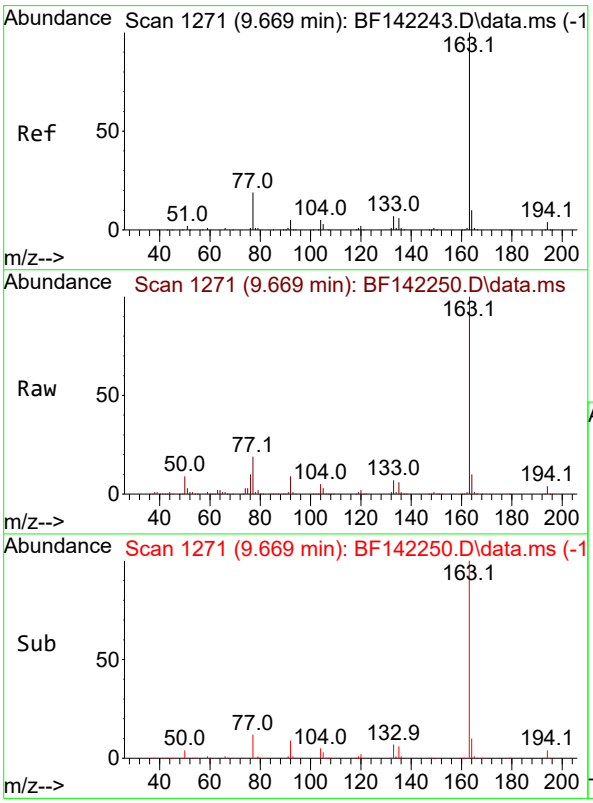
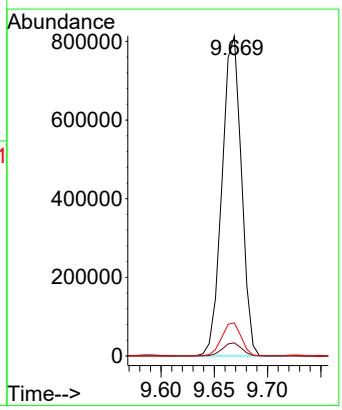
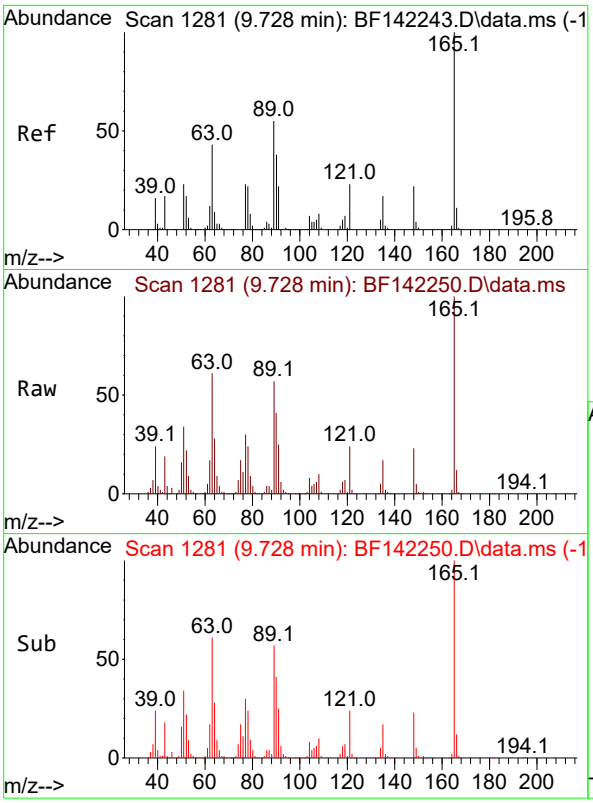


#50
Dimethylphthalate
Concen: 42.093 ng
RT: 9.669 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:163 Resp: 1026519

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.4	8.2	12.2

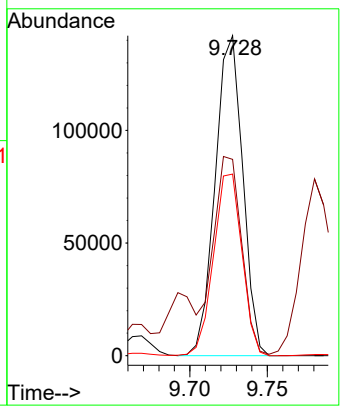




#51
2,6-Dinitrotoluene
Concen: 38.527 ng
RT: 9.728 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:165 Resp: 17615

Ion	Ratio	Lower	Upper
165	100		
63	61.3	48.5	72.7
89	56.7	43.9	65.9



Instrument :
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ClientSampleId :
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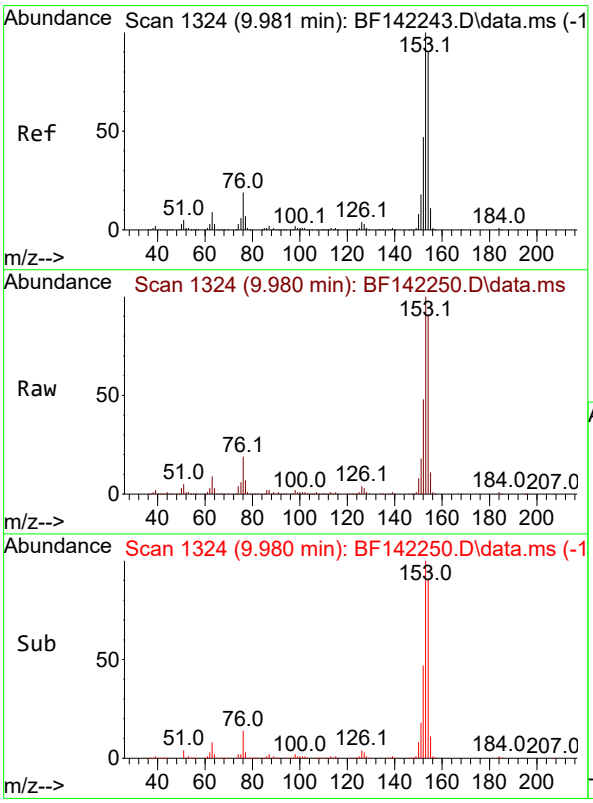
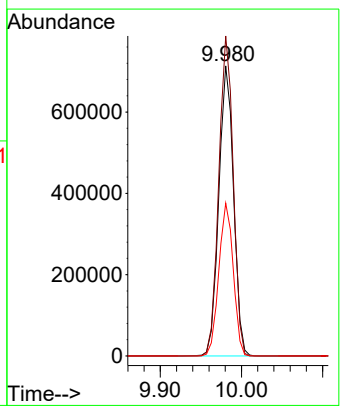
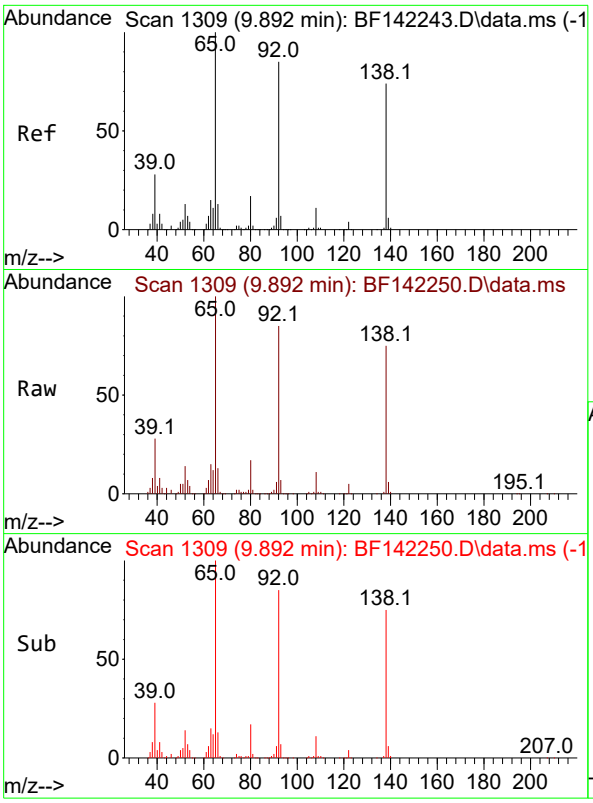


#52
Acenaphthene
Concen: 41.576 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:154 Resp: 903201

Ion	Ratio	Lower	Upper
154	100		
153	110.3	88.6	133.0
152	52.6	42.1	63.1

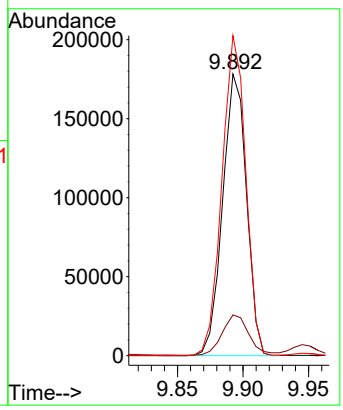




#53
3-Nitroaniline
Concen: 40.152 ng
RT: 9.892 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:138 Resp: 22529

Ion	Ratio	Lower	Upper
138	100		
108	14.5	11.7	17.5
92	113.6	91.2	136.8



Instrument :
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ClientSampleId :
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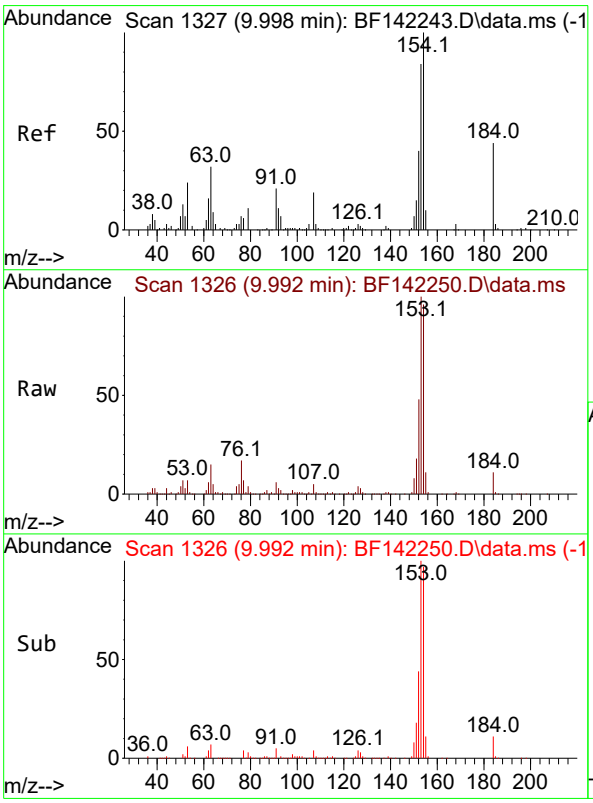
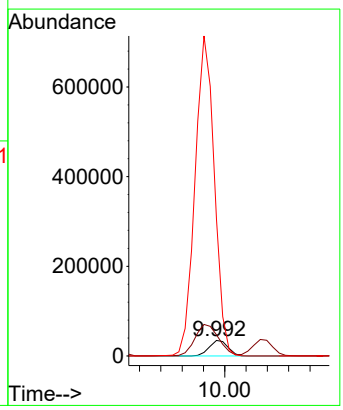
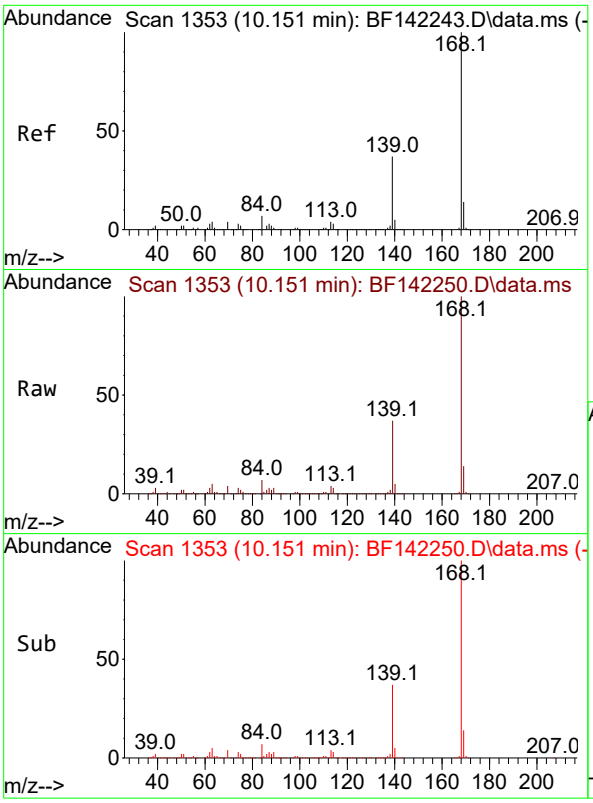


#54
2,4-Dinitrophenol
Concen: 37.926 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:184 Resp: 42525

Ion	Ratio	Lower	Upper
184	100		
63	136.6	69.2	103.8#
154	883.4	271.4	407.2#

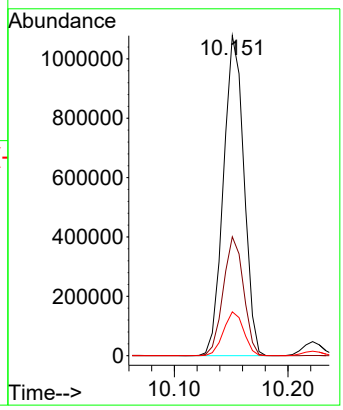




#55
Dibenzofuran
Concen: 41.484 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:168 Resp: 135091

Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.4	44.0
169	13.7	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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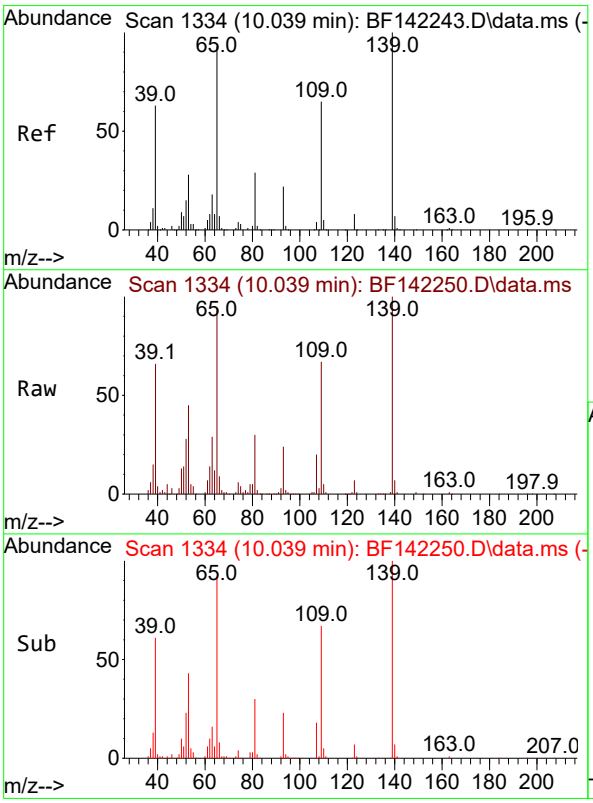
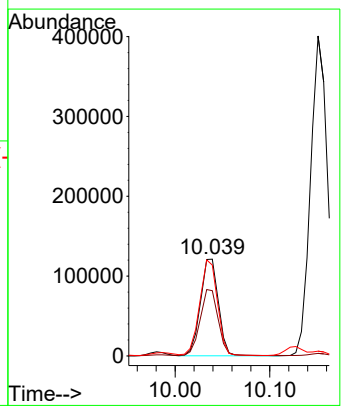
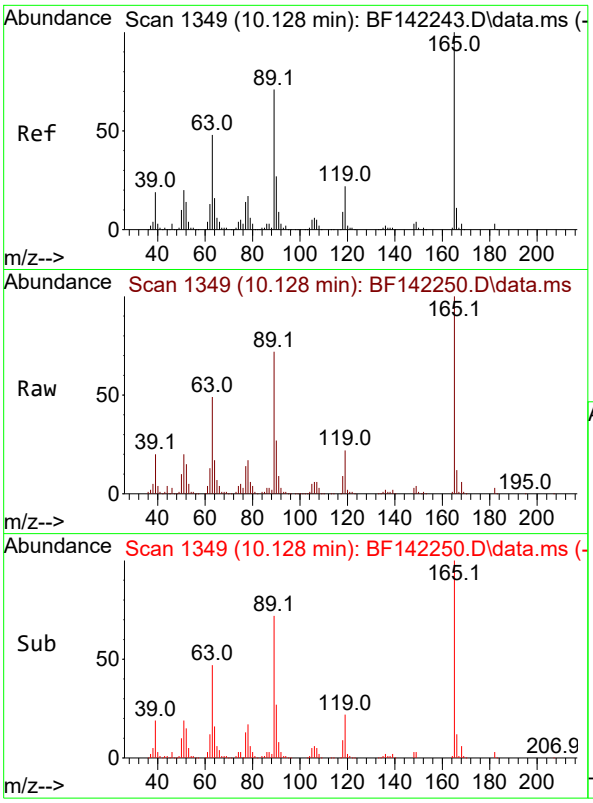


#56
4-Nitrophenol
Concen: 41.706 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:139 Resp: 159868

Ion	Ratio	Lower	Upper
139	100		
109	67.4	44.9	84.9
65	93.9	74.7	114.7

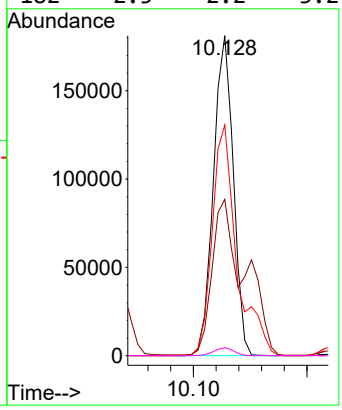




#57
2,4-Dinitrotoluene
Concen: 39.850 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:165 Resp: 22024

Ion	Ratio	Lower	Upper
165	100		
63	48.8	38.8	58.2
89	72.1	57.1	85.7
182	2.5	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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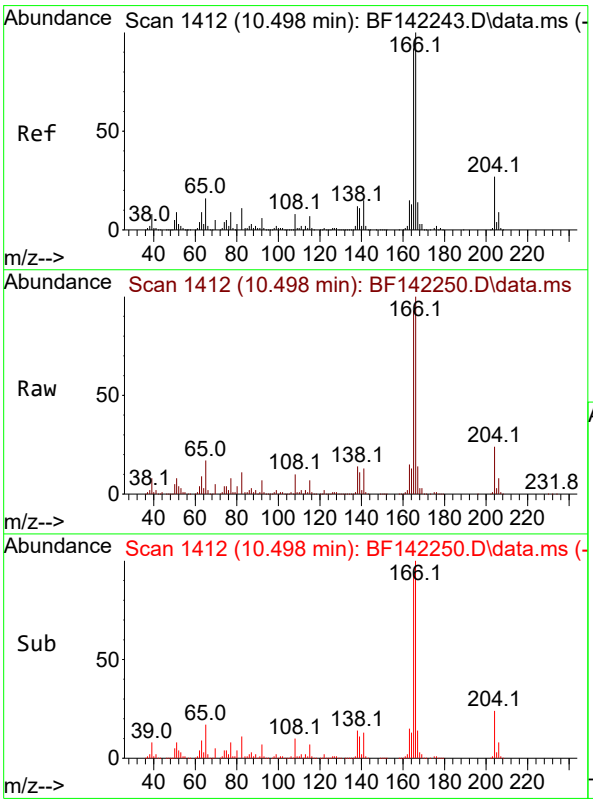
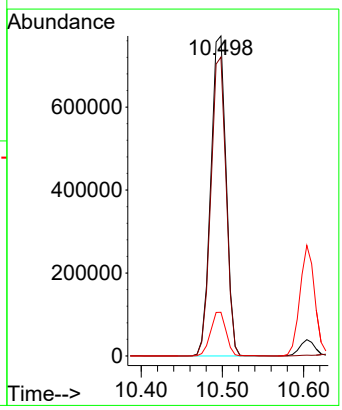
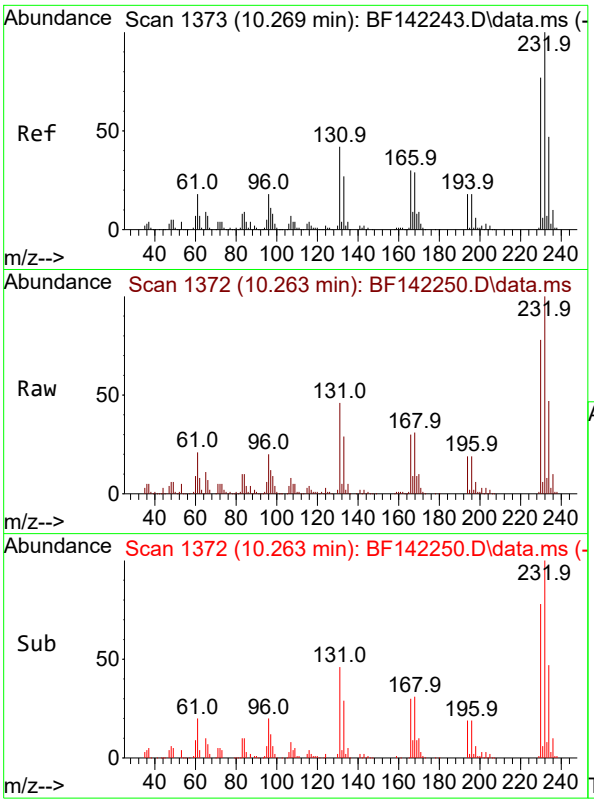


#58
Fluorene
Concen: 40.709 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:166 Resp: 1007989

Ion	Ratio	Lower	Upper
166	100		
165	93.4	73.9	110.9
167	13.7	10.8	16.2

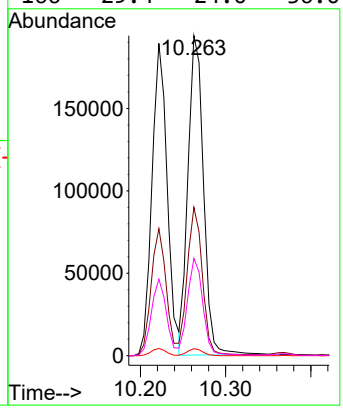




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.475 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:232 Resp: 24591

Ion	Ratio	Lower	Upper
232	100		
131	46.0	35.9	53.9
130	2.1	1.8	2.6
166	29.4	24.0	36.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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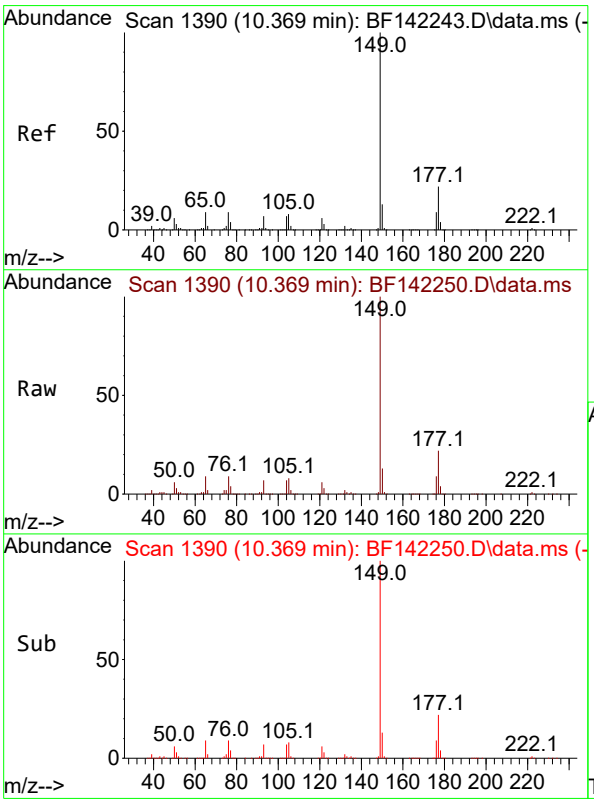
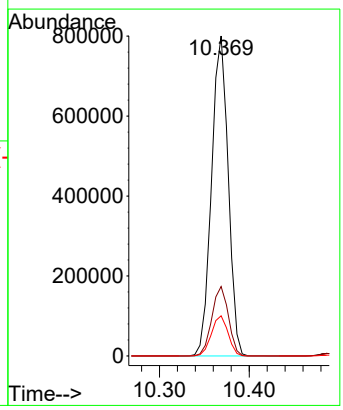
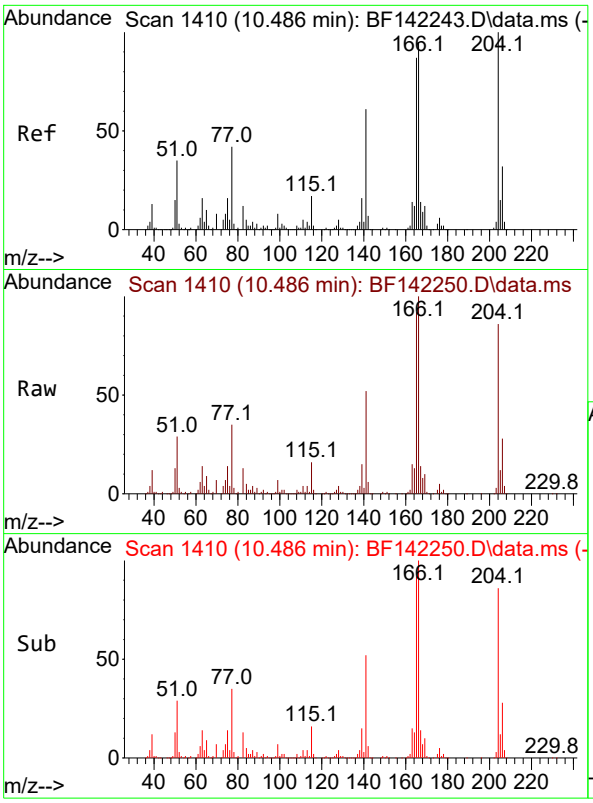


#60
Diethylphthalate
Concen: 42.799 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:149 Resp: 1030685

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.6	26.4
150	12.5	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.333 ng
RT: 10.486 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 48603

Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.6	38.4
141	60.4	48.9	73.3

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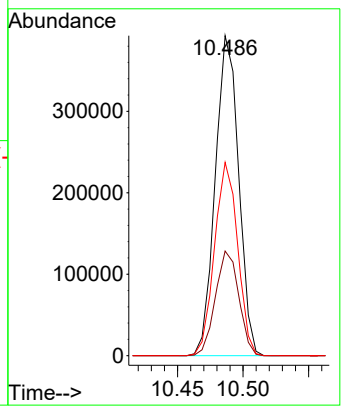
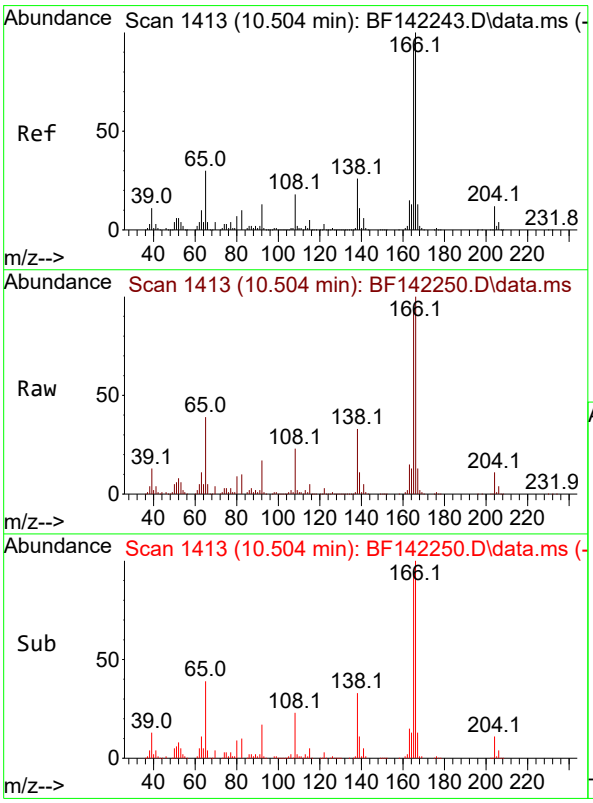
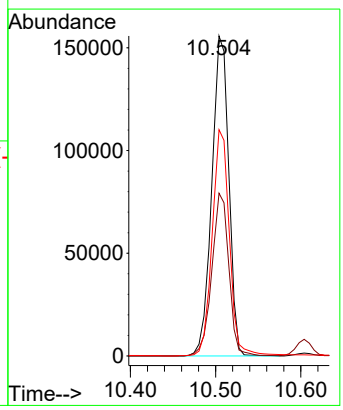


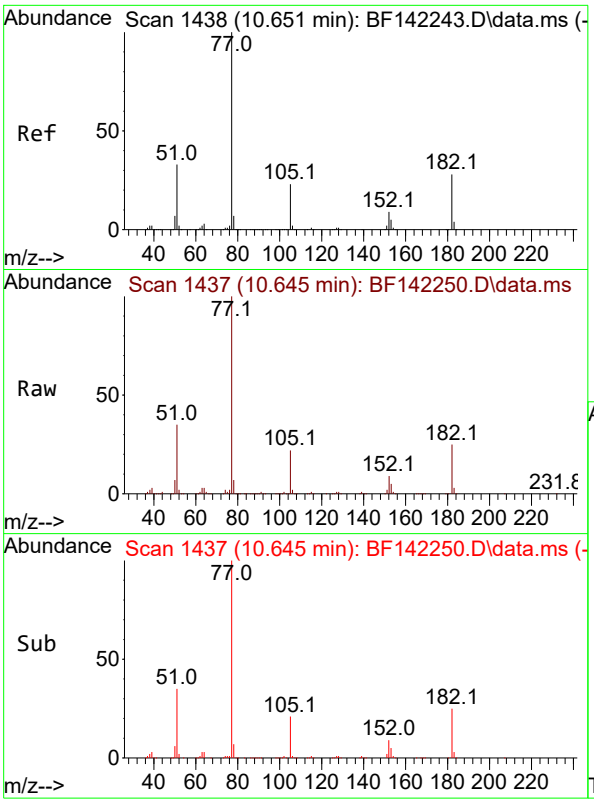


#62
4-Nitroaniline
Concen: 42.018 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:138 Resp: 215440

Ion	Ratio	Lower	Upper
138	100		
92	50.8	29.2	69.2
108	70.7	49.1	89.1





#63
Azobenzene
Concen: 41.895 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 99629

Ion	Ratio	Lower	Upper
77	100		
182	25.2	7.3	47.3
105	22.3	2.5	42.5
51	35.1	14.4	54.4

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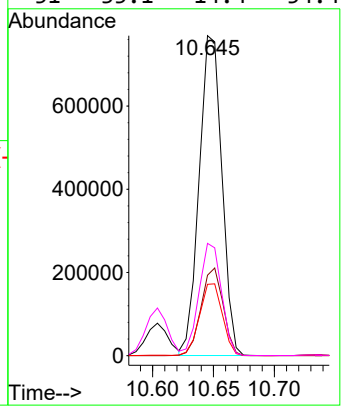
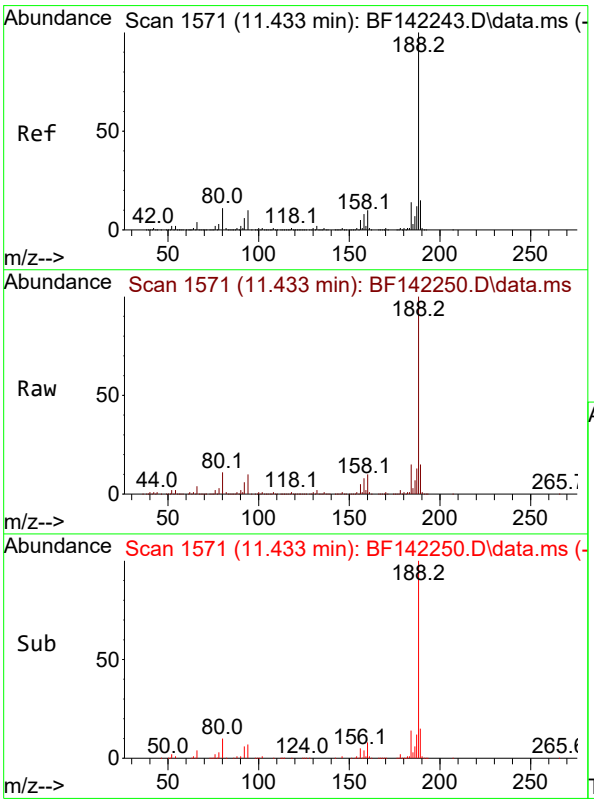
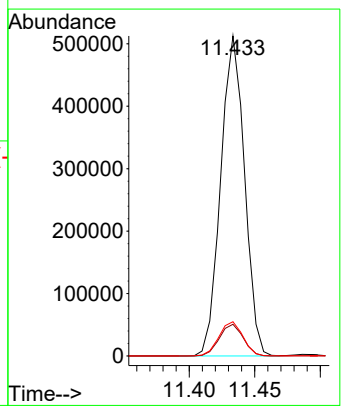


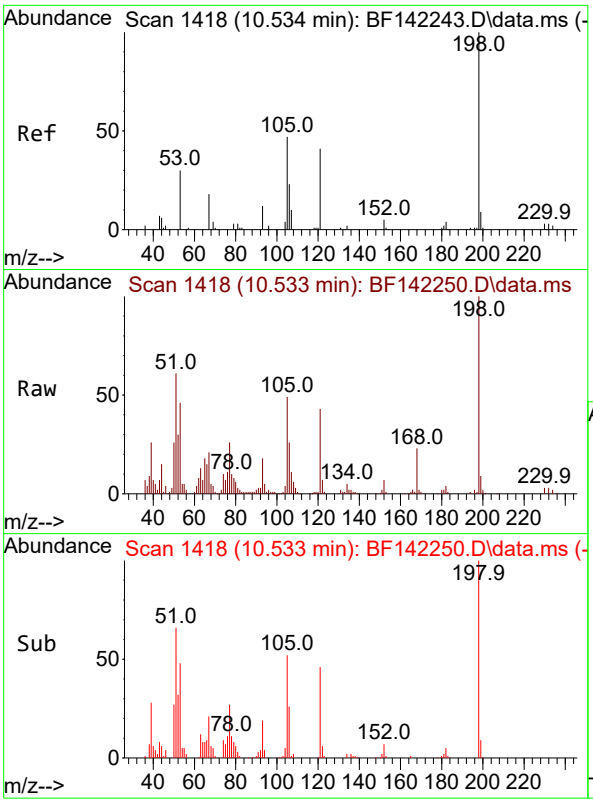


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:188 Resp: 647816

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.2	12.2
80	10.7	8.6	12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 35.905 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.001 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:198 Resp: 6929

Ion	Ratio	Lower	Upper
198	100		
51	61.0	40.6	80.6
105	48.7	29.2	69.2

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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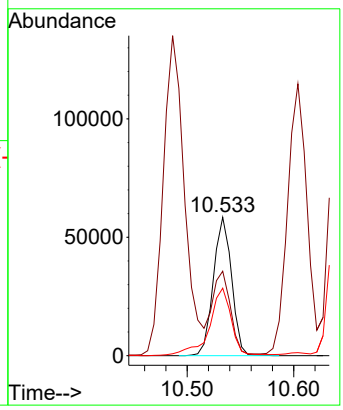
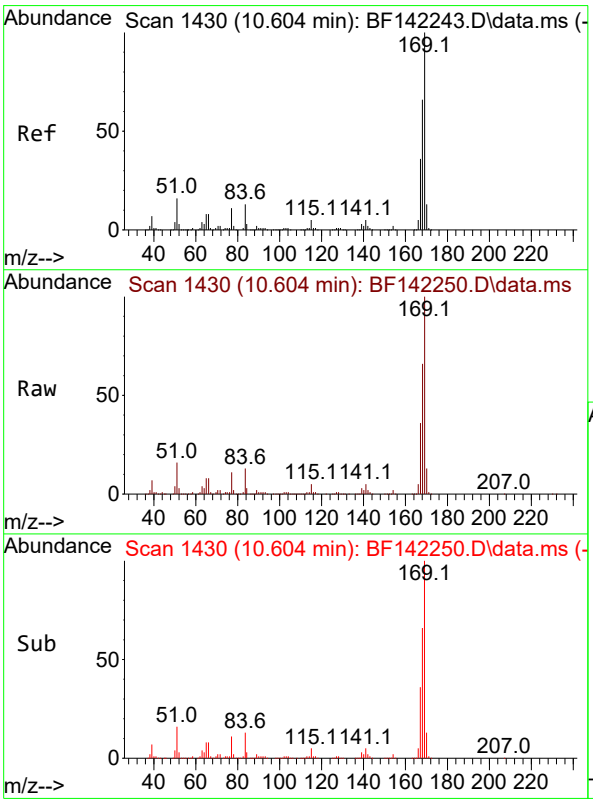
Supervised By :Jagrut Upadhyay 05/02/2025

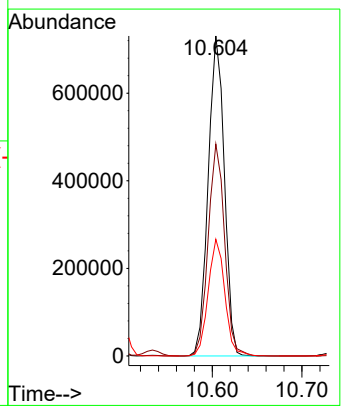


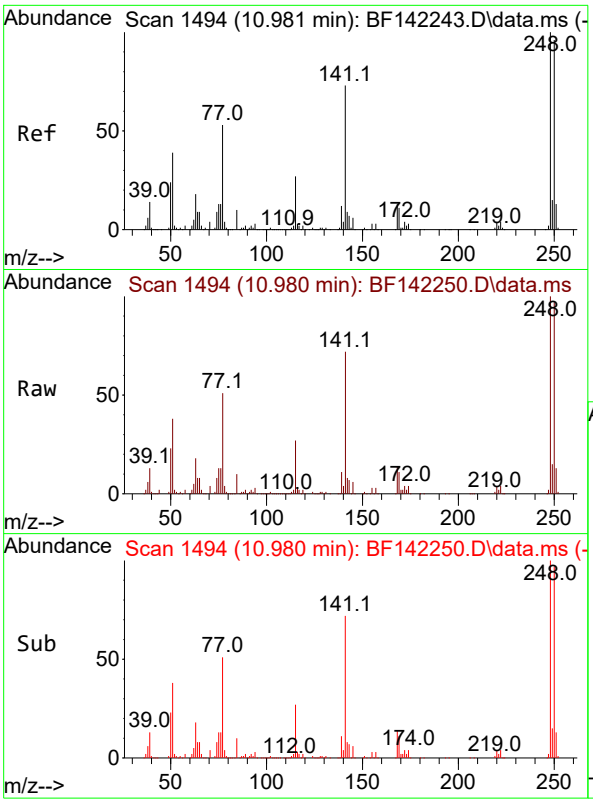


#66
n-Nitrosodiphenylamine
Concen: 41.322 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:169 Resp: 914630

Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.0	79.6
167	36.5	28.8	43.2

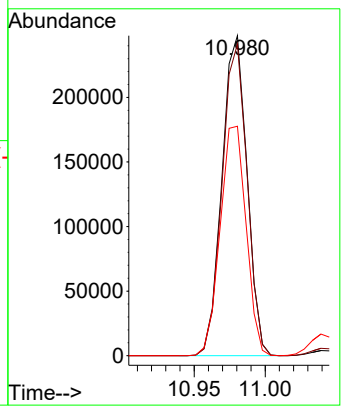




#67
4-Bromophenyl-phenylether
Concen: 42.258 ng
RT: 10.980 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:248 Resp: 30487

Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.2	115.8
141	71.7	58.4	87.6



Instrument :
BNA_F
ClientSampleId :
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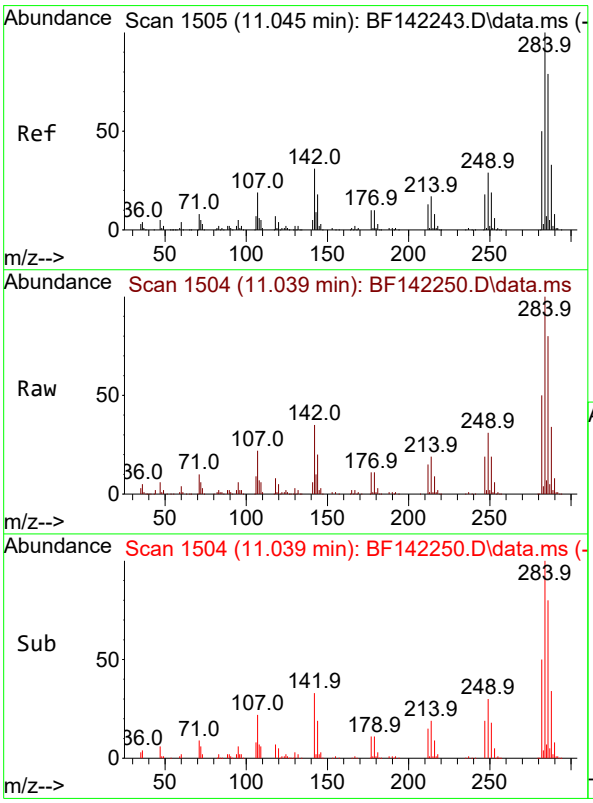
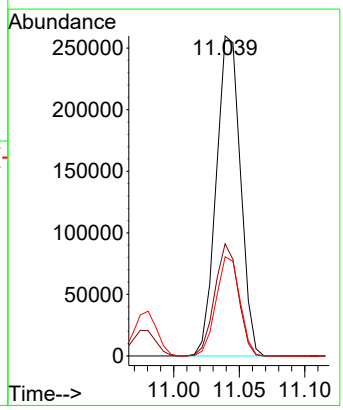
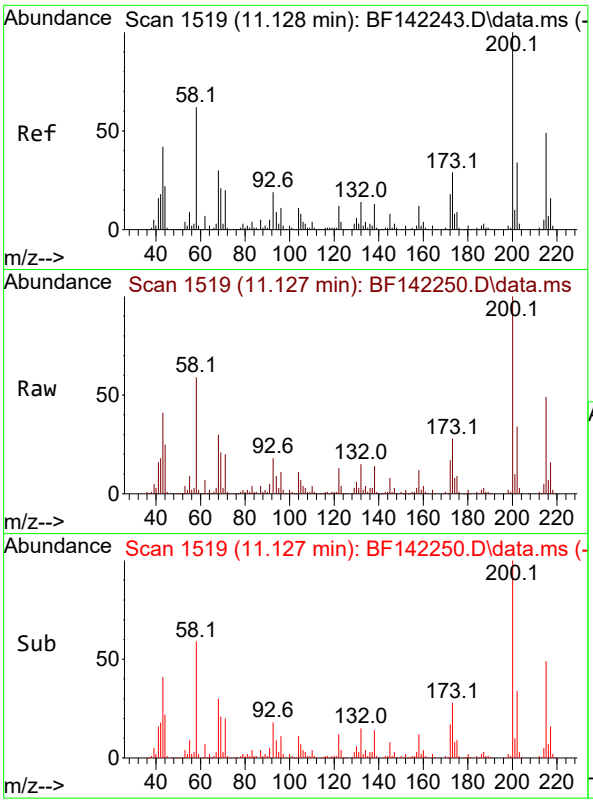


#68
Hexachlorobenzene
Concen: 41.207 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:284 Resp: 332960

Ion	Ratio	Lower	Upper
284	100		
142	35.1	24.6	37.0
249	31.0	23.2	34.8

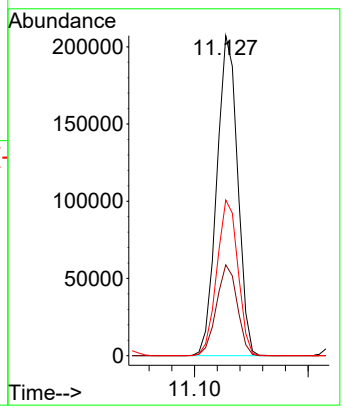




#69
Atrazine
Concen: 45.262 ng
RT: 11.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:200 Resp: 26407

Ion	Ratio	Lower	Upper
200	100		
173	28.4	8.6	48.6
215	48.7	28.5	68.5



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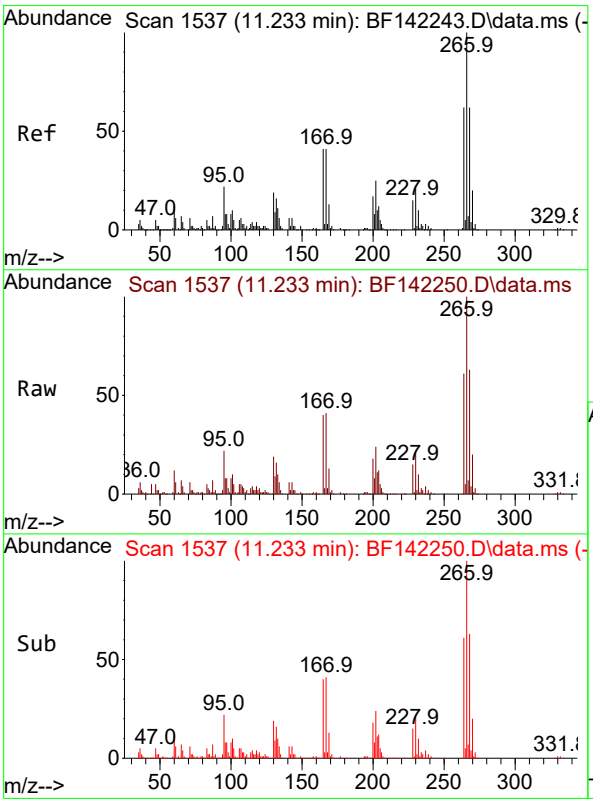
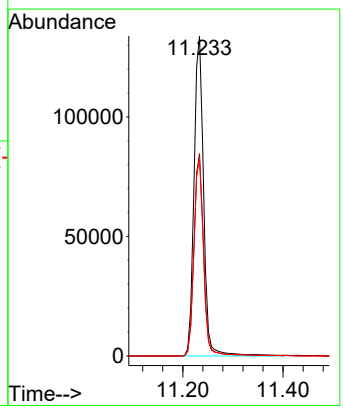
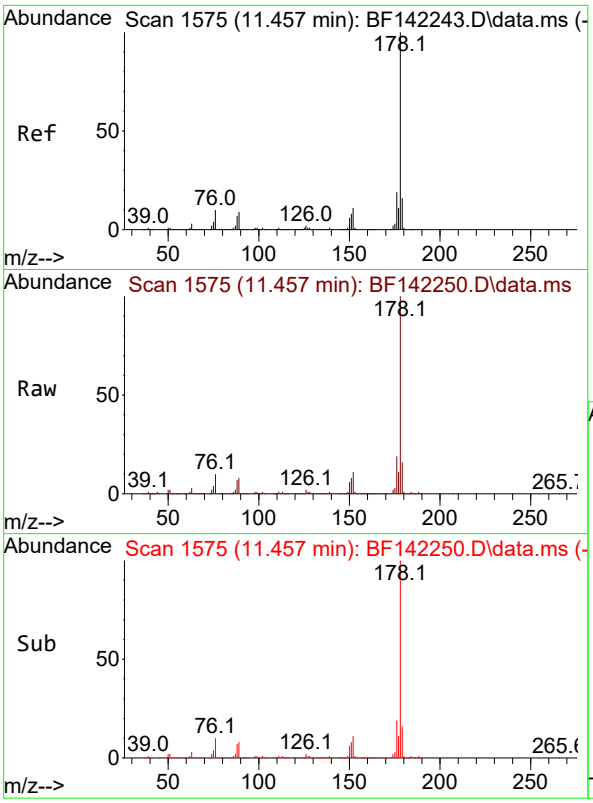


#70
Pentachlorophenol
Concen: 41.491 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:266 Resp: 177109

Ion	Ratio	Lower	Upper
266	100		
268	63.2	50.0	75.0
264	61.4	49.3	73.9

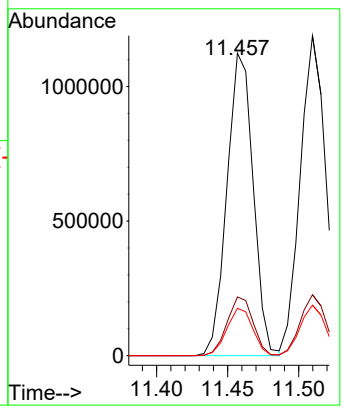




#71
Phenanthrene
Concen: 41.326 ng
RT: 11.457 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:178 Resp: 144611

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.7	12.6	19.0



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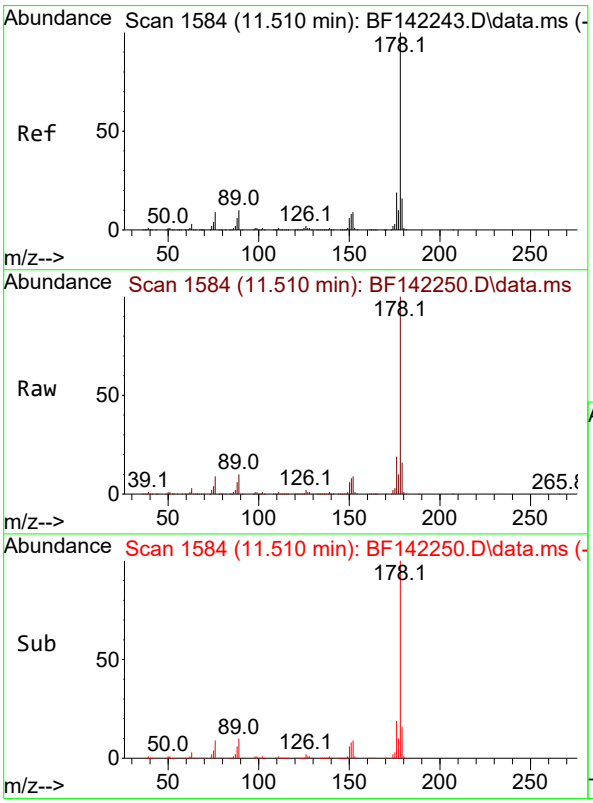
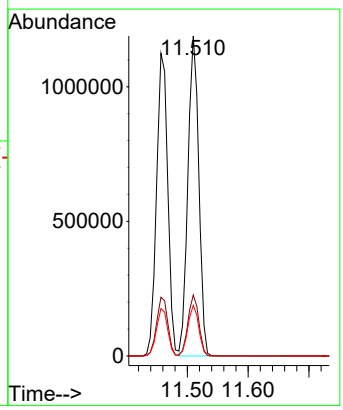
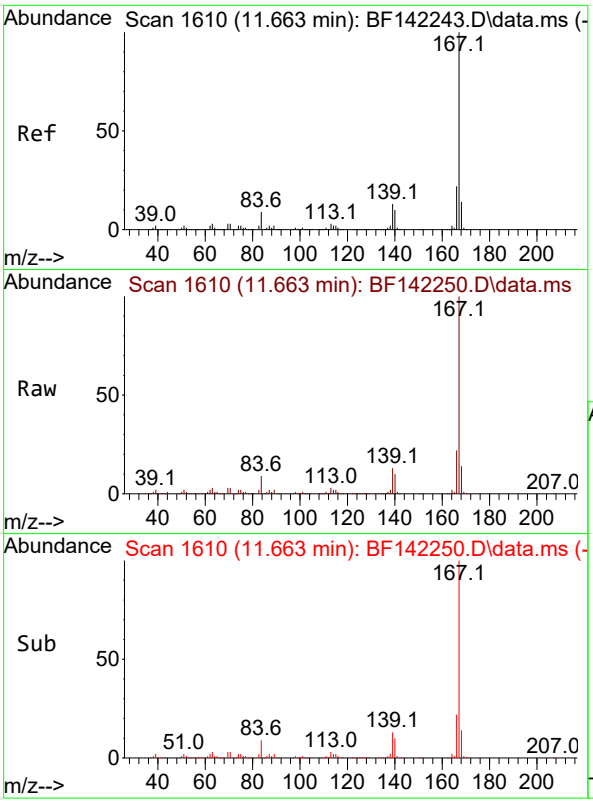


#72
Anthracene
Concen: 41.339 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:178 Resp: 1479001

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.8	12.7	19.1

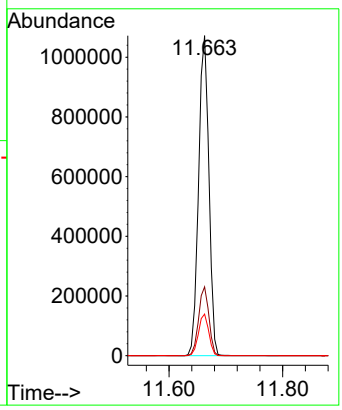




#73
Carbazole
Concen: 41.429 ng
RT: 11.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:167 Resp: 135210

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.3	25.9
139	13.0	10.3	15.5



Instrument :
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ClientSampleId :
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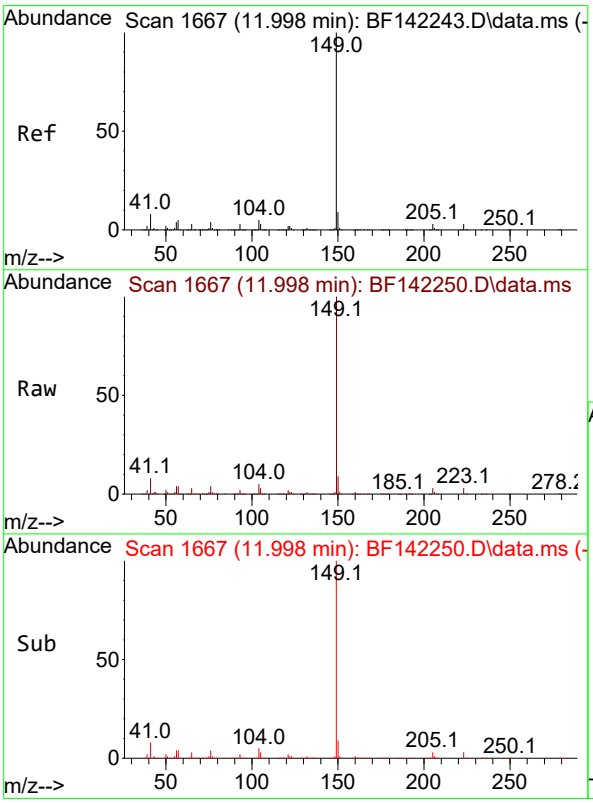
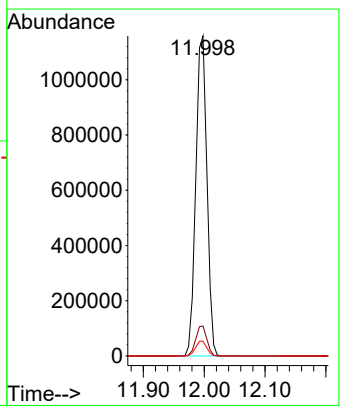
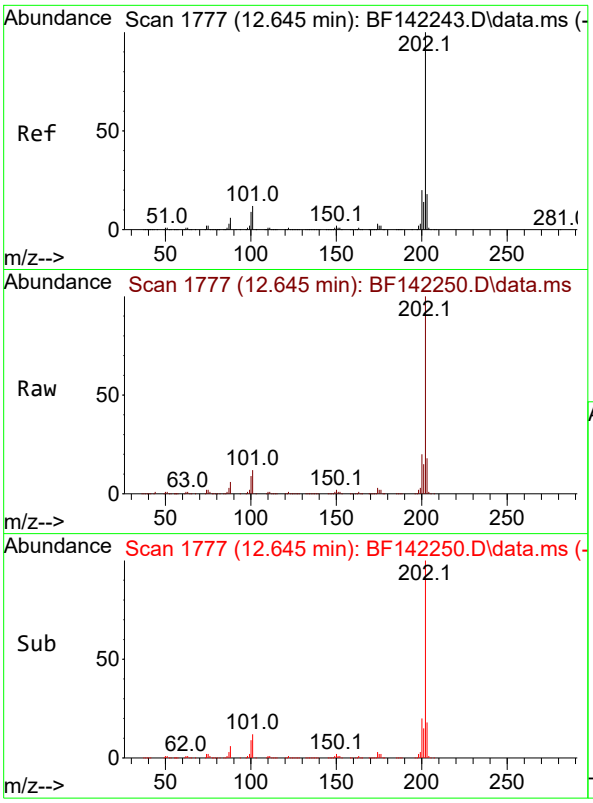


#74
Di-n-butylphthalate
Concen: 44.864 ng
RT: 11.998 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:149 Resp: 1472584

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.6	3.6	5.4

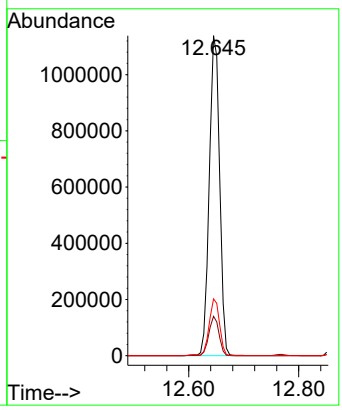




#75
Fluoranthene
Concen: 42.947 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:202 Resp: 148557

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.4
203	17.8	0.0	37.5



Instrument :
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ClientSampleId :
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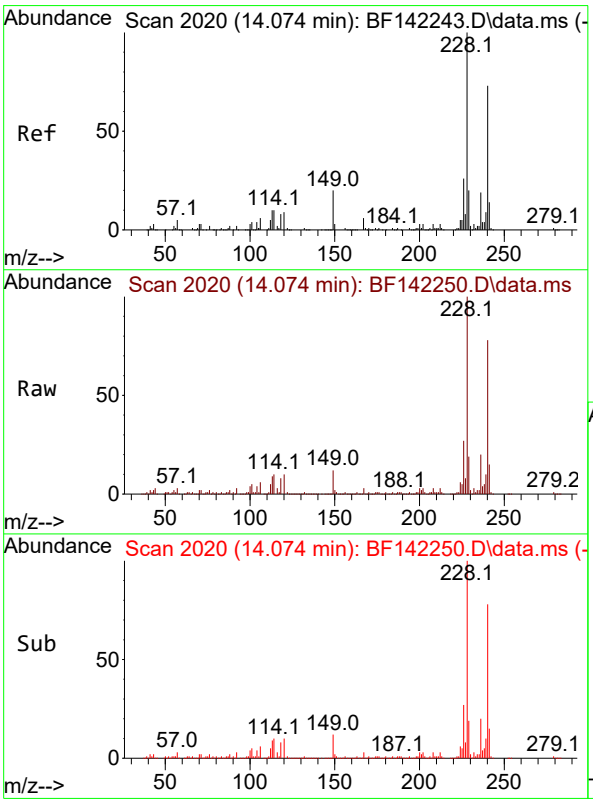
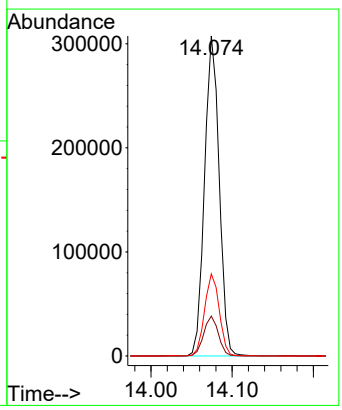
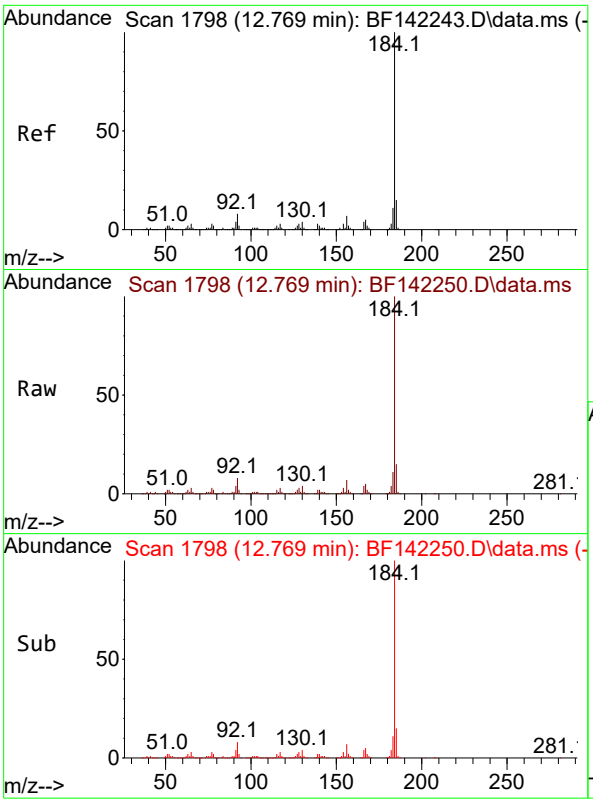


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:240 Resp: 384442

Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.1	15.1
236	25.7	20.5	30.7

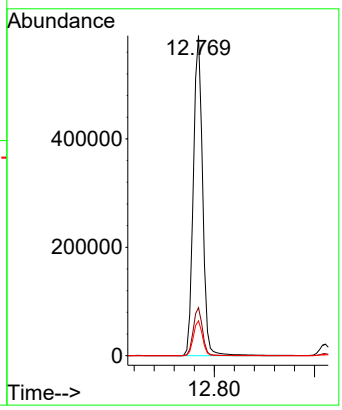




#77
Benzidine
Concen: 46.160 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:184 Resp: 75404

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.8	17.6
183	10.9	8.9	13.3



Instrument :
BNA_F
ClientSampleId :
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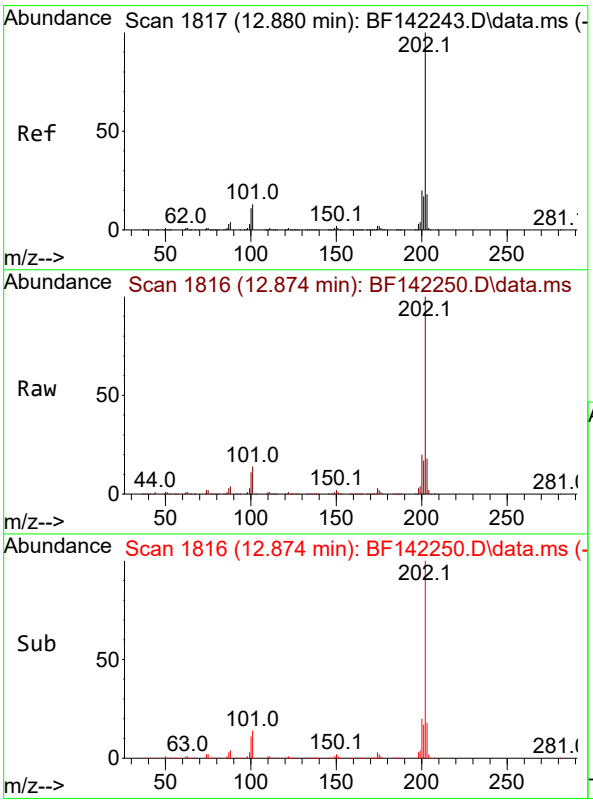
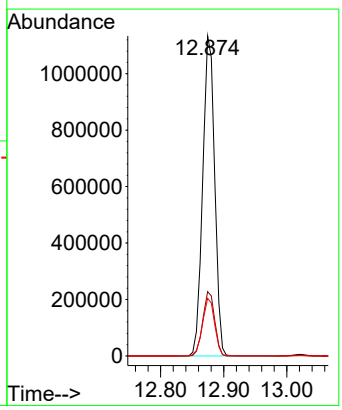
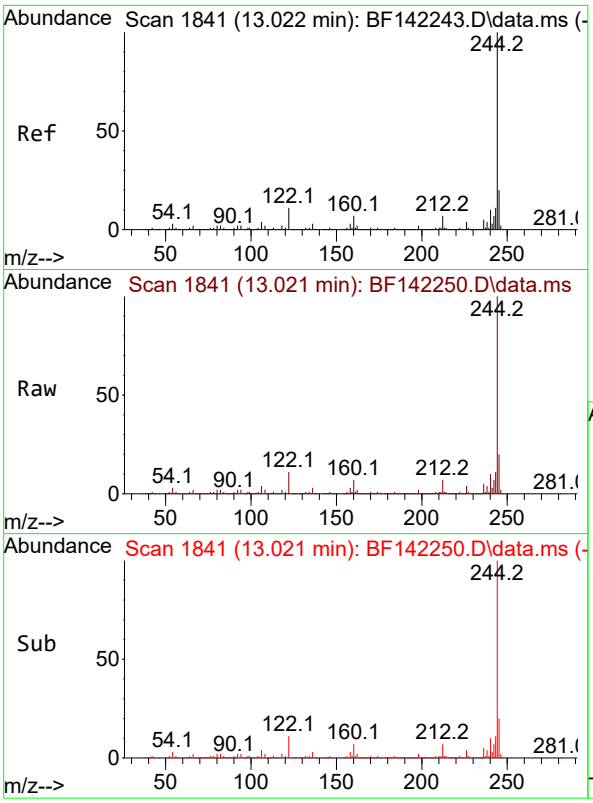


#78
Pyrene
Concen: 42.016 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:202 Resp: 1490017

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.1	24.1
203	18.0	14.1	21.1

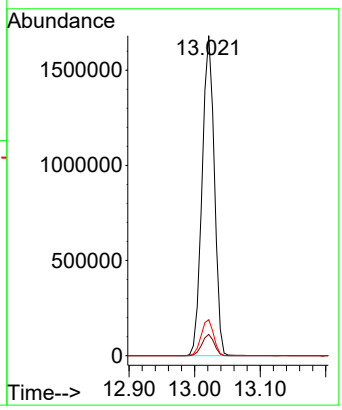




#79
Terphenyl-d14
Concen: 82.722 ng
RT: 13.021 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:244 Resp: 218658

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.3	7.9
122	11.3	9.1	13.7



Instrument :
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ClientSampleId :
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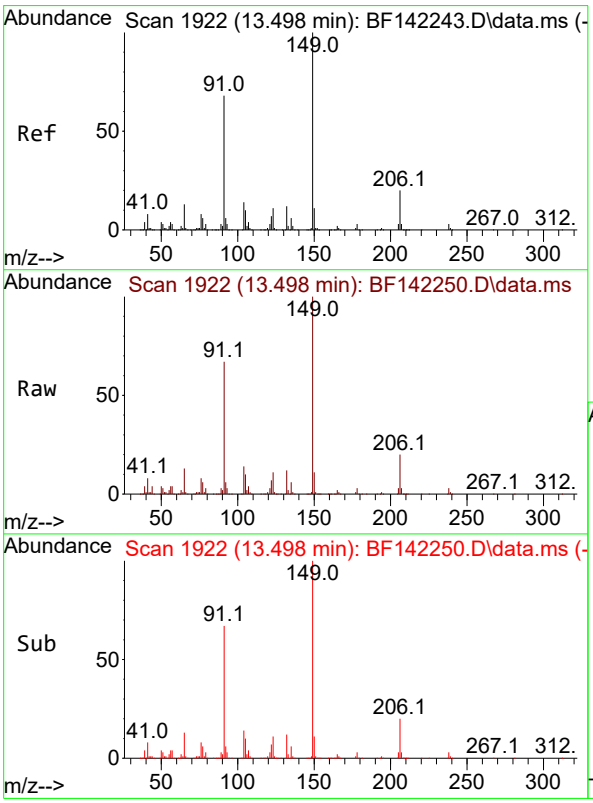
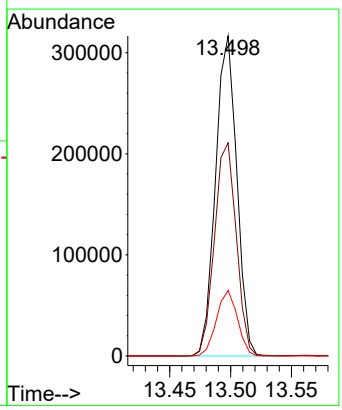
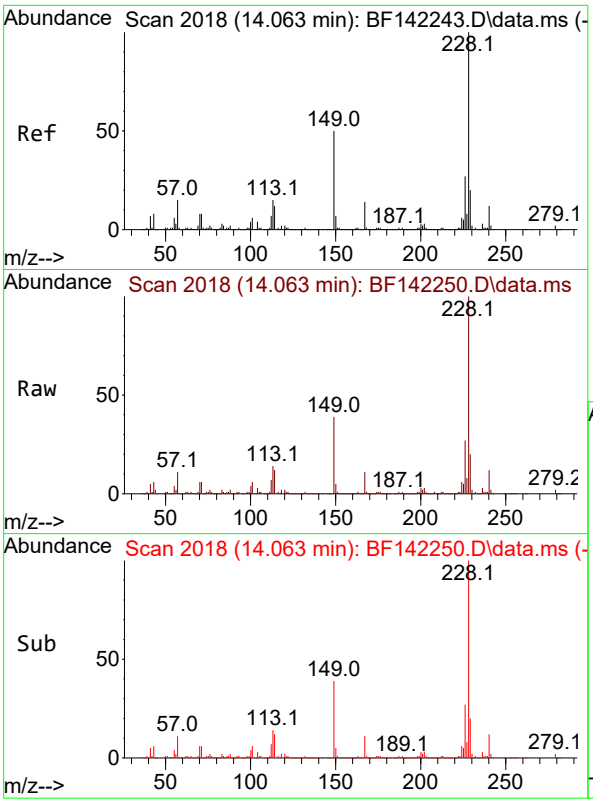


#80
Butylbenzylphthalate
Concen: 40.417 ng
RT: 13.498 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:149 Resp: 385725

Ion	Ratio	Lower	Upper
149	100		
91	66.6	54.4	81.6
206	20.5	15.9	23.9

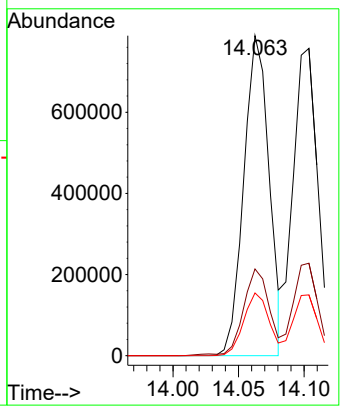




#81
Benzo(a)anthracene
Concen: 41.049 ng
RT: 14.063 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:228 Resp: 105941

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.9	32.9
229	19.6	16.0	24.0



Instrument :
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ClientSampleId :
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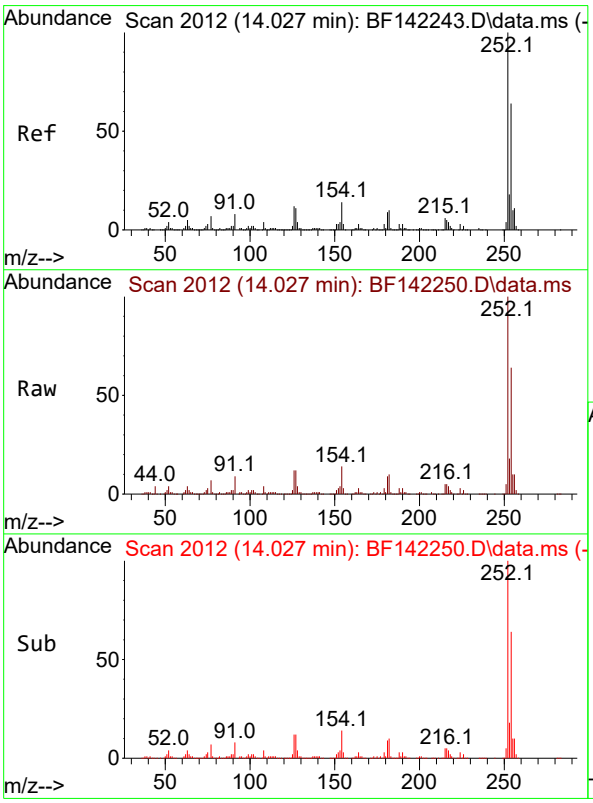
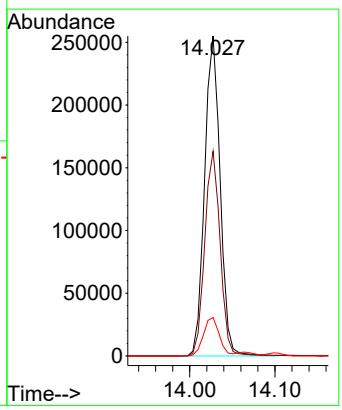
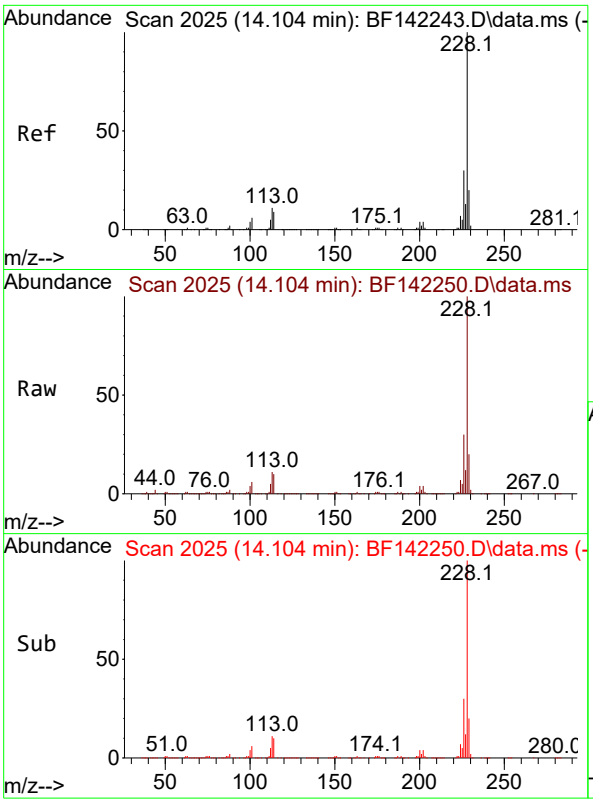


#82
3,3'-Dichlorobenzidine
Concen: 42.615 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:252 Resp: 323049

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.0	76.6
126	12.0	9.4	14.2

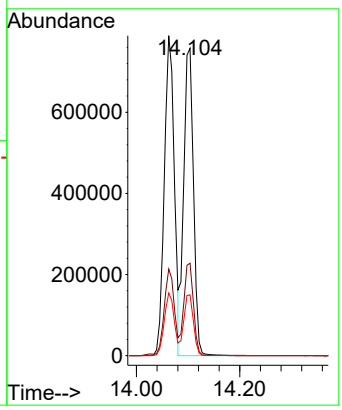




#83
Chrysene
Concen: 42.445 ng
RT: 14.104 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:228 Resp: 99713

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	19.8	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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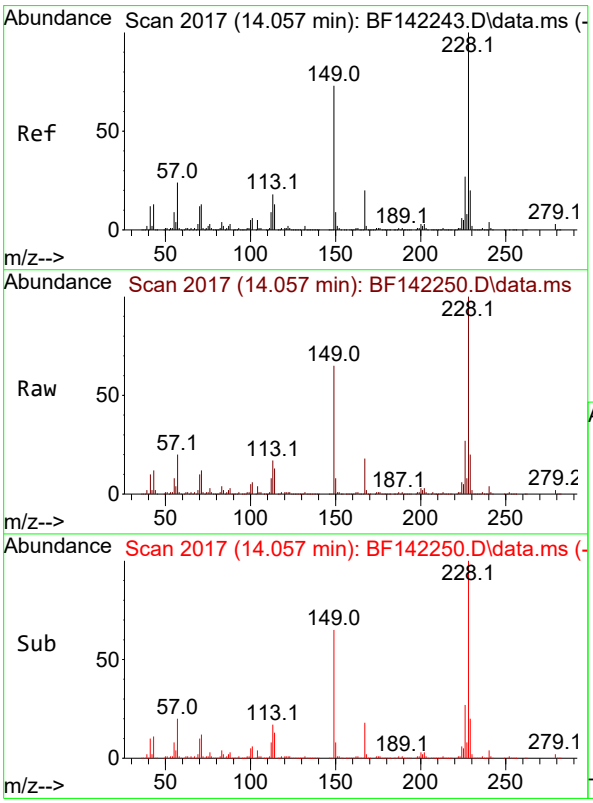
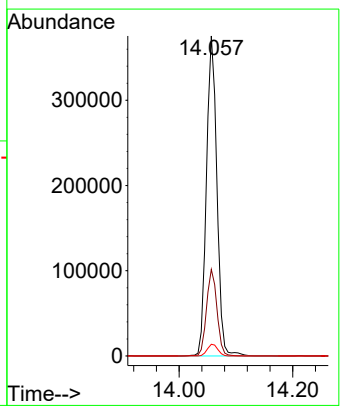
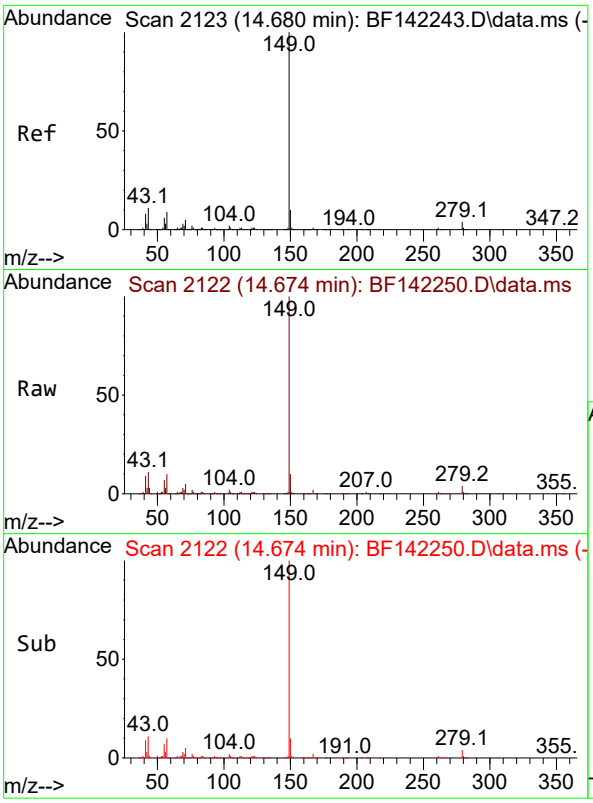


#84
Bis(2-ethylhexyl)phthalate
Concen: 36.467 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:149 Resp: 477774

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.7	32.5
279	3.7	3.0	4.4

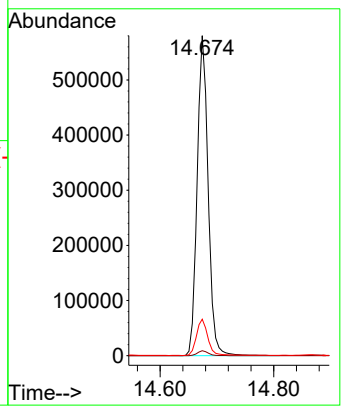




#85
Di-n-octyl phthalate
Concen: 33.845 ng
RT: 14.674 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:149 Resp: 78281

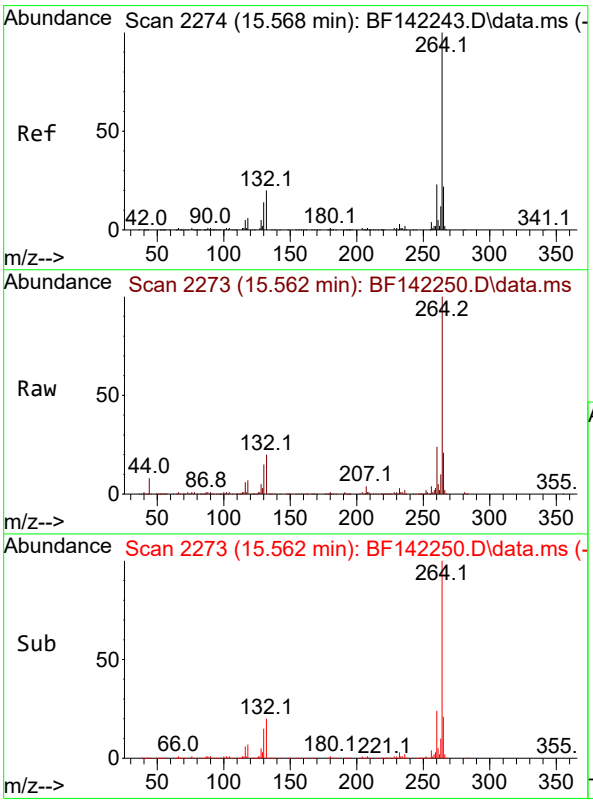
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.7	9.3	13.9



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

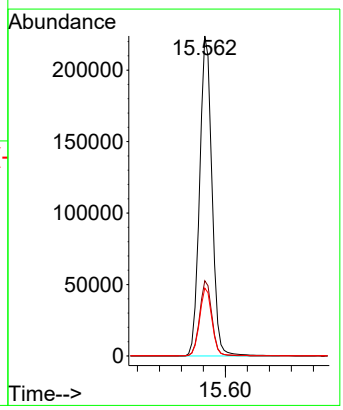
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

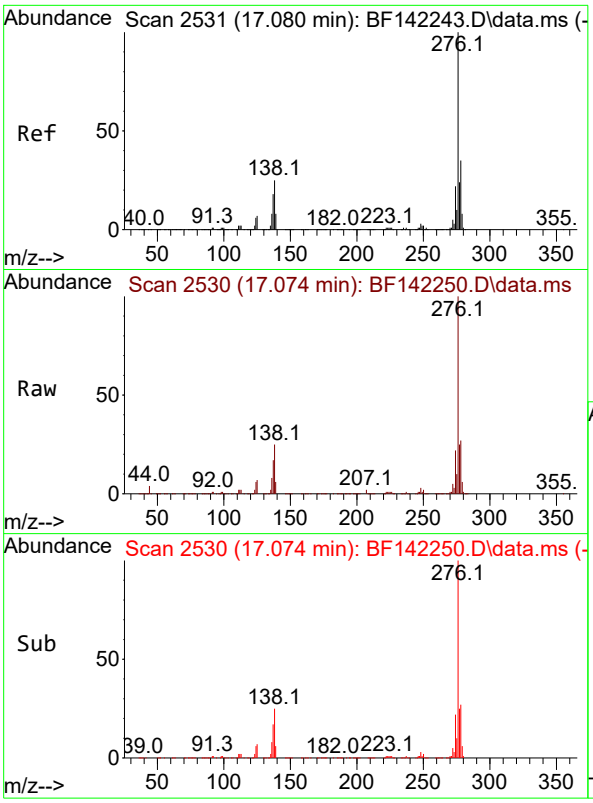


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:264 Resp: 349272

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	21.2	17.3	25.9

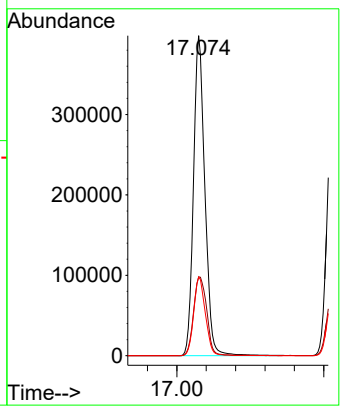




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.864 ng
RT: 17.074 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:276 Resp: 107101

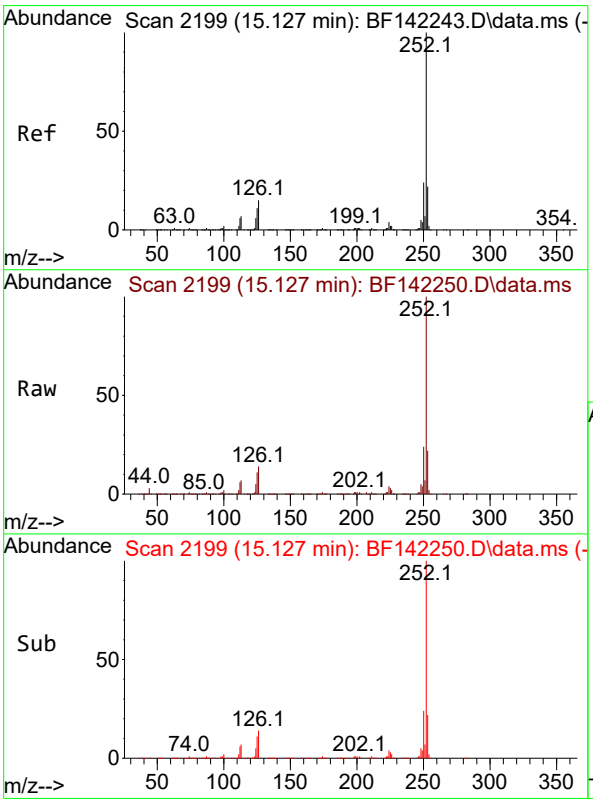
Ion	Ratio	Lower	Upper
276	100		
138	28.3	22.6	33.8
277	25.2	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

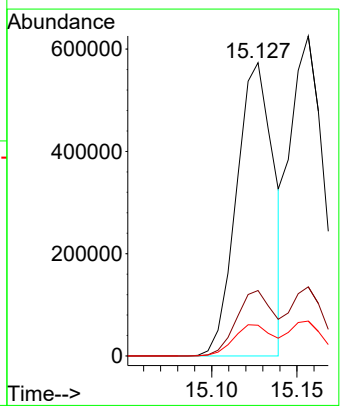
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

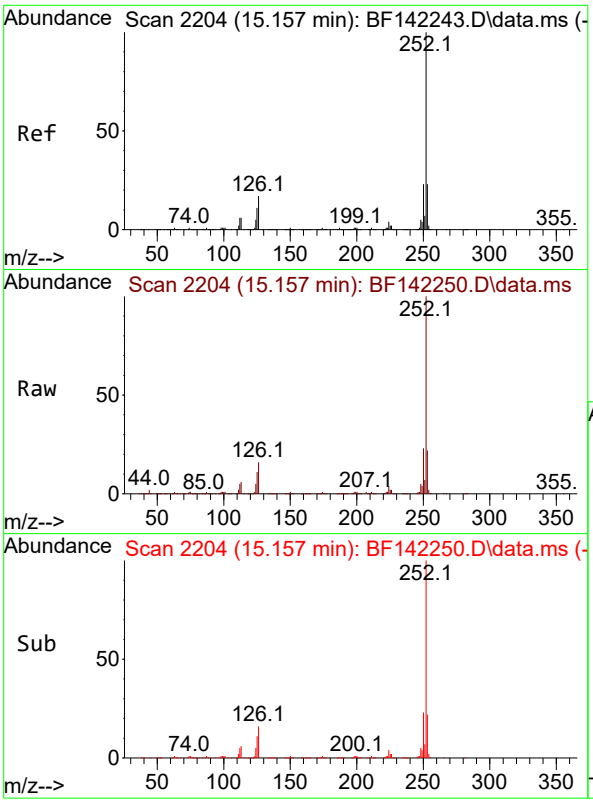


#88
Benzo(b)fluoranthene
Concen: 39.998 ng
RT: 15.127 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:252 Resp: 867766

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	10.5	9.0	13.4

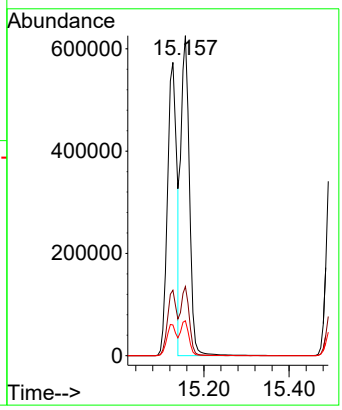




#89
Benzo(k)fluoranthene
Concen: 43.643 ng
RT: 15.157 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:252 Resp: 86606

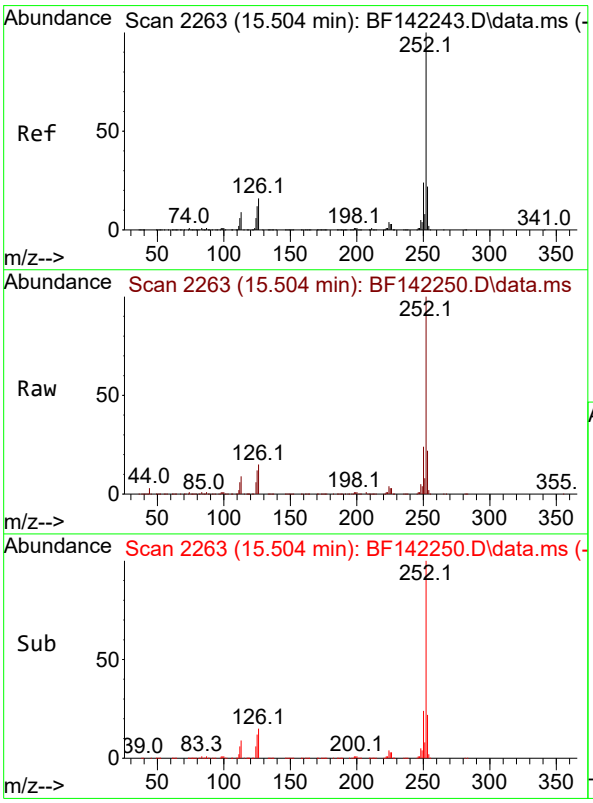
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	10.9	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

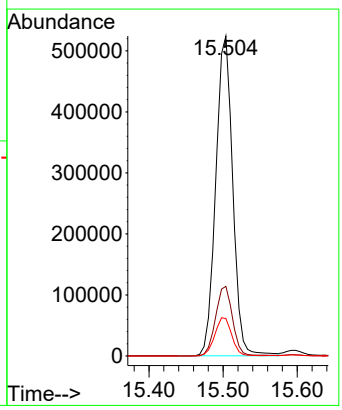
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

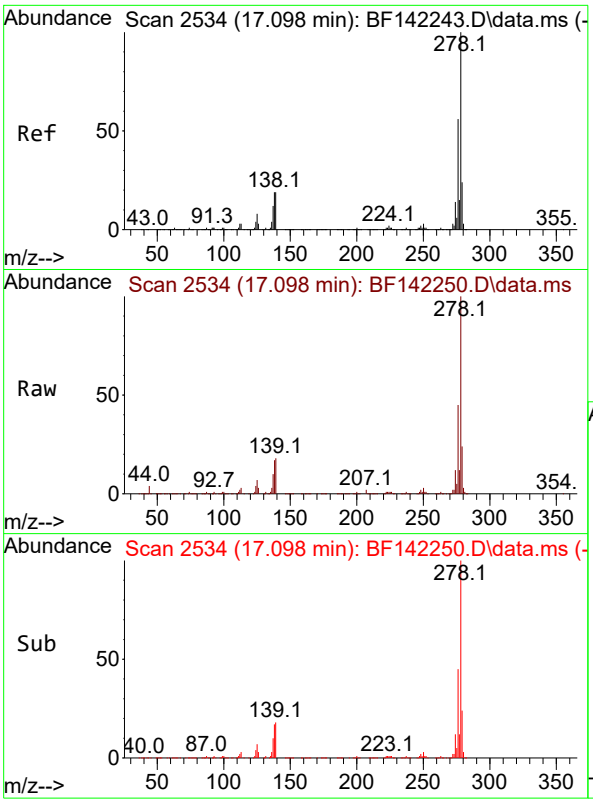


#90
Benzo(a)pyrene
Concen: 41.969 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:252 Resp: 833612

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.7	9.5	14.3





#91
Dibenzo(a,h)anthracene
Concen: 42.333 ng
RT: 17.098 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

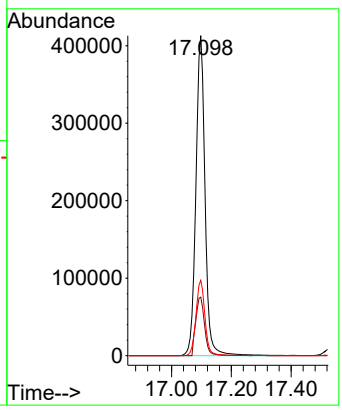
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

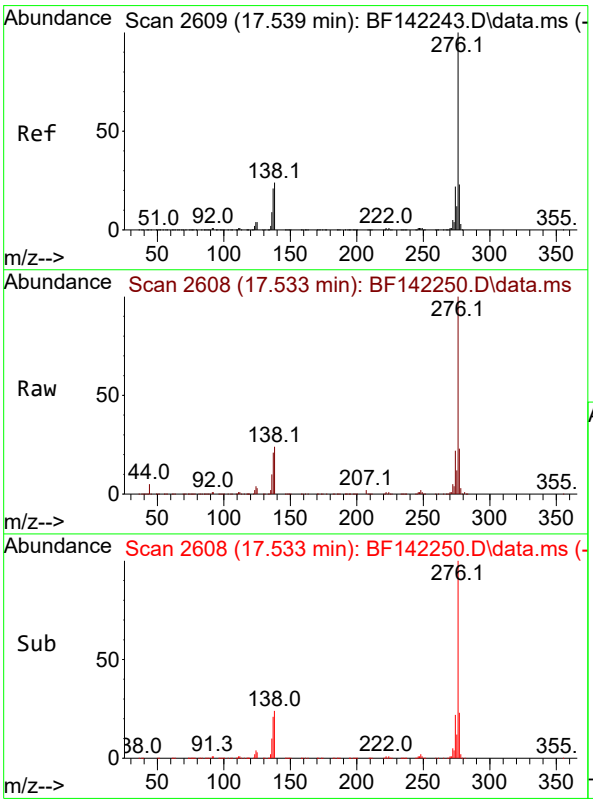
Tgt Ion:278 Resp: 87898

Ion	Ratio	Lower	Upper
278	100		
139	18.3	15.2	22.8
279	23.5	19.0	28.6

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

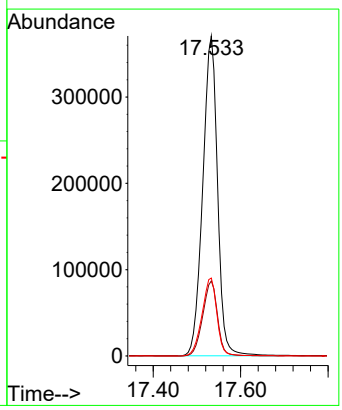




#92
Benzo(g,h,i)perylene
Concen: 41.848 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:276 Resp: 873517

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	24.3	19.4	29.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142250.D
Acq On : 01 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 01 11:46:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
2		1,4-Dioxane	0.559	0.579	-3.6	101	0.00
3		Pyridine	1.454	1.532	-5.4	104	0.00
4		n-Nitrosodimethylamine	0.752	0.798	-6.1	103	0.00
5	S	2-Fluorophenol	1.252	1.250	0.2	99	0.00
6		Aniline	2.140	2.225	-4.0	103	0.00
7	S	Phenol-d6	1.512	1.575	-4.2	102	0.00
8		2-Chlorophenol	1.294	1.275	1.5	96	0.00
9		Benzaldehyde	1.057	1.122	-6.1	104	0.00
10	C	Phenol	1.628	1.656	-1.7	100	0.00
11		bis(2-Chloroethyl)ether	1.262	1.326	-5.1	104	0.00
12		1,3-Dichlorobenzene	1.464	1.519	-3.8	103	0.00
13	C	1,4-Dichlorobenzene	1.475	1.526	-3.5	102	0.00
14		1,2-Dichlorobenzene	1.408	1.474	-4.7	104	0.00
15		Benzyl Alcohol	1.073	1.102	-2.7	99	0.00
16		2,2'-oxybis(1-Chloropropane	2.278	2.385	-4.7	104	0.00
17		2-Methylphenol	1.060	1.103	-4.1	102	0.00
18		Hexachloroethane	0.483	0.505	-4.6	103	0.00
19	P	n-Nitroso-di-n-propylamine	0.934	0.954	-2.1	102	0.00
20		3+4-Methylphenols	1.326	1.404	-5.9	104	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	102	0.00
22		Acetophenone	0.463	0.480	-3.7	104	0.00
23	S	Nitrobenzene-d5	0.304	0.333	-9.5	100	0.00
24		Nitrobenzene	0.299	0.320	-7.0	100	0.00
25		Isophorone	0.639	0.672	-5.2	104	0.00
26	C	2-Nitrophenol	0.102	0.098	3.9	86	0.00
27		2,4-Dimethylphenol	0.322	0.337	-4.7	102	0.00
28		bis(2-Chloroethoxy)methane	0.403	0.421	-4.5	103	0.00
29	C	2,4-Dichlorophenol	0.269	0.285	-5.9	100	0.00
30		1,2,4-Trichlorobenzene	0.301	0.315	-4.7	103	0.00
31		Naphthalene	0.997	1.030	-3.3	103	0.00
32		Benzoic acid	0.125	0.117	6.4	92	0.00
33		4-Chloroaniline	0.415	0.433	-4.3	103	0.00
34	C	Hexachlorobutadiene	0.175	0.186	-6.3	103	0.00
35		Caprolactam	0.081	0.090	-11.1	106	0.00
36	C	4-Chloro-3-methylphenol	0.277	0.300	-8.3	103	0.00
37		2-Methylnaphthalene	0.613	0.635	-3.6	104	0.00
38		1-Methylnaphthalene	0.635	0.661	-4.1	103	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	103	0.00
40		1,2,4,5-Tetrachlorobenzene	0.563	0.572	-1.6	102	0.00
41	P	Hexachlorocyclopentadiene	0.319	0.316	0.9	92	0.00
42	S	2,4,6-Tribromophenol	0.182	0.196	-7.7	99	0.00
43	C	2,4,6-Trichlorophenol	0.349	0.354	-1.4	98	0.00
44		2,4,5-Trichlorophenol	0.367	0.386	-5.2	98	0.00
45	S	2-Fluorobiphenyl	1.418	1.409	0.6	103	0.00
46		1,1'-Biphenyl	1.555	1.591	-2.3	103	0.00
47		2-Chloronaphthalene	1.157	1.176	-1.6	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142250.D
Acq On : 01 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 01 11:46:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.249	0.277	-11.2	97	0.00
49		Acenaphthylene	1.952	1.996	-2.3	103	0.00
50		Dimethylphthalate	1.280	1.346	-5.2	105	0.00
51		2,6-Dinitrotoluene	0.204	0.231	-13.2	98	0.00
52	C	Acenaphthene	1.140	1.185	-3.9	104	0.00
53		3-Nitroaniline	0.257	0.296	-15.2	102	0.00
54	P	2,4-Dinitrophenol	0.058	0.056	3.4	101	0.00
55		Dibenzofuran	1.709	1.772	-3.7	104	0.00
56	P	4-Nitrophenol	0.201	0.210	-4.5	100	0.00
57		2,4-Dinitrotoluene	0.239	0.289	-20.9	104	0.00
58		Fluorene	1.299	1.322	-1.8	103	0.00
59		2,3,4,6-Tetrachlorophenol	0.304	0.323	-6.3	99	0.00
60		Diethylphthalate	1.263	1.352	-7.0	106	0.00
61		4-Chlorophenyl-phenylether	0.617	0.638	-3.4	104	0.00
62		4-Nitroaniline	0.238	0.283	-18.9	107	0.00
63		Azobenzene	1.248	1.307	-4.7	105	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	105	0.00
65		4,6-Dinitro-2-methylphenol	0.054	0.053	1.9	102	0.00
66	c	n-Nitrosodiphenylamine	0.683	0.706	-3.4	104	0.00
67		4-Bromophenyl-phenylether	0.223	0.235	-5.4	105	0.00
68		Hexachlorobenzene	0.249	0.257	-3.2	104	0.00
69		Atrazine	0.180	0.204	-13.3	112	0.00
70	C	Pentachlorophenol	0.132	0.137	-3.8	100	0.00
71		Phenanthrene	1.080	1.116	-3.3	105	0.00
72		Anthracene	1.105	1.142	-3.3	106	0.00
73		Carbazole	1.008	1.044	-3.6	106	0.00
74		Di-n-butylphthalate	1.013	1.137	-12.2	112	0.00
75	C	Fluoranthene	1.068	1.147	-7.4	111	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	116	0.00
77		Benzidine	0.850	0.981	-15.4	118	0.00
78		Pyrene	1.845	1.938	-5.0	111	0.00
79	S	Terphenyl-d14	1.375	1.422	-3.4	111	0.00
80		Butylbenzylphthalate	0.425	0.502	-18.1	115	0.00
81		Benzo(a)anthracene	1.343	1.378	-2.6	111	0.00
82		3,3'-Dichlorobenzidine	0.394	0.420	-6.6	110	0.00
83		Chrysene	1.222	1.297	-6.1	122	0.00
84		Bis(2-ethylhexyl)phthalate	0.604	0.621	-2.8	104	0.00
85	c	Di-n-octyl phthalate	1.133	1.018	10.2	94	0.00
86	I	Perylene-d12	1.000	1.000	0.0	106	0.00
87		Indeno(1,2,3-cd)pyrene	1.465	1.533	-4.6	101	0.00
88		Benzo(b)fluoranthene	1.242	1.242	0.0	101	0.00
89		Benzo(k)fluoranthene	1.136	1.240	-9.2	115	0.00
90	C	Benzo(a)pyrene	1.137	1.193	-4.9	105	0.00
91		Dibenzo(a,h)anthracene	1.189	1.258	-5.8	102	0.00
92		Benzo(g,h,i)perylene	1.195	1.250	-4.6	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142250.D
Acq On : 01 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 01 11:46:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142250.D
Acq On : 01 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 01 11:46:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	104	0.00
2		1,4-Dioxane	40.000	41.429	-3.6	101	0.00
3		Pyridine	40.000	42.158	-5.4	104	0.00
4		n-Nitrosodimethylamine	40.000	42.418	-6.0	103	0.00
5	S	2-Fluorophenol	80.000	79.825	0.2	99	0.00
6		Aniline	40.000	41.579	-3.9	103	0.00
7	S	Phenol-d6	80.000	83.296	-4.1	102	0.00
8		2-Chlorophenol	40.000	39.409	1.5	96	0.00
9		Benzaldehyde	40.000	42.464	-6.2	104	0.00
10	C	Phenol	40.000	40.684	-1.7	100	0.00
11		bis(2-Chloroethyl)ether	40.000	42.030	-5.1	104	0.00
12		1,3-Dichlorobenzene	40.000	41.505	-3.8	103	0.00
13	C	1,4-Dichlorobenzene	40.000	41.388	-3.5	102	0.00
14		1,2-Dichlorobenzene	40.000	41.885	-4.7	104	0.00
15		Benzyl Alcohol	40.000	41.095	-2.7	99	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	41.870	-4.7	104	0.00
17		2-Methylphenol	40.000	41.610	-4.0	102	0.00
18		Hexachloroethane	40.000	41.867	-4.7	103	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	40.842	-2.1	102	0.00
20		3+4-Methylphenols	40.000	42.351	-5.9	104	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	102	0.00
22		Acetophenone	40.000	41.462	-3.7	104	0.00
23	S	Nitrobenzene-d5	80.000	87.469	-9.3	100	0.00
24		Nitrobenzene	40.000	42.902	-7.3	100	0.00
25		Isophorone	40.000	42.059	-5.1	104	0.00
26	C	2-Nitrophenol	40.000	34.044	14.9	86	0.00
27		2,4-Dimethylphenol	40.000	41.898	-4.7	102	0.00
28		bis(2-Chloroethoxy)methane	40.000	41.820	-4.6	103	0.00
29	C	2,4-Dichlorophenol	40.000	42.280	-5.7	100	0.00
30		1,2,4-Trichlorobenzene	40.000	41.910	-4.8	103	0.00
31		Naphthalene	40.000	41.304	-3.3	103	0.00
32		Benzoic acid	40.000	34.514	13.7	92	0.00
33		4-Chloroaniline	40.000	41.683	-4.2	103	0.00
34	C	Hexachlorobutadiene	40.000	42.382	-6.0	103	0.00
35		Caprolactam	40.000	44.410	-11.0	106	0.00
36	C	4-Chloro-3-methylphenol	40.000	43.337	-8.3	103	0.00
37		2-Methylnaphthalene	40.000	41.414	-3.5	104	0.00
38		1-Methylnaphthalene	40.000	41.597	-4.0	103	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	103	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.641	-1.6	102	0.00
41	P	Hexachlorocyclopentadiene	40.000	39.605	1.0	92	0.00
42	S	2,4,6-Tribromophenol	80.000	85.983	-7.5	99	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.551	-1.4	98	0.00
44		2,4,5-Trichlorophenol	40.000	42.108	-5.3	98	0.00
45	S	2-Fluorobiphenyl	80.000	79.446	0.7	103	0.00
46		1,1'-Biphenyl	40.000	40.922	-2.3	103	0.00
47		2-Chloronaphthalene	40.000	40.663	-1.7	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142250.D
Acq On : 01 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 01 11:46:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	37.508	6.2	97	0.00
49		Acenaphthylene	40.000	40.906	-2.3	103	0.00
50		Dimethylphthalate	40.000	42.093	-5.2	105	0.00
51		2,6-Dinitrotoluene	40.000	38.527	3.7	98	0.00
52	C	Acenaphthene	40.000	41.576	-3.9	104	0.00
53		3-Nitroaniline	40.000	40.152	-0.4	102	0.00
54	P	2,4-Dinitrophenol	40.000	37.926	5.2	101	0.00
55		Dibenzofuran	40.000	41.484	-3.7	104	0.00
56	P	4-Nitrophenol	40.000	41.706	-4.3	100	0.00
57		2,4-Dinitrotoluene	40.000	39.850	0.4	104	0.00
58		Fluorene	40.000	40.709	-1.8	103	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	42.475	-6.2	99	0.00
60		Diethylphthalate	40.000	42.799	-7.0	106	0.00
61		4-Chlorophenyl-phenylether	40.000	41.333	-3.3	104	0.00
62		4-Nitroaniline	40.000	42.018	-5.0	107	0.00
63		Azobenzene	40.000	41.895	-4.7	105	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	105	0.00
65		4,6-Dinitro-2-methylphenol	40.000	35.905	10.2	102	0.00
66	c	n-Nitrosodiphenylamine	40.000	41.322	-3.3	104	0.00
67		4-Bromophenyl-phenylether	40.000	42.258	-5.6	105	0.00
68		Hexachlorobenzene	40.000	41.207	-3.0	104	0.00
69		Atrazine	40.000	45.262	-13.2	112	0.00
70	C	Pentachlorophenol	40.000	41.491	-3.7	100	0.00
71		Phenanthrene	40.000	41.326	-3.3	105	0.00
72		Anthracene	40.000	41.339	-3.3	106	0.00
73		Carbazole	40.000	41.429	-3.6	106	0.00
74		Di-n-butylphthalate	40.000	44.864	-12.2	112	0.00
75	C	Fluoranthene	40.000	42.947	-7.4	111	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	116	0.00
77		Benzidine	40.000	46.160	-15.4	118	0.00
78		Pyrene	40.000	42.016	-5.0	111	0.00
79	S	Terphenyl-d14	80.000	82.722	-3.4	111	0.00
80		Butylbenzylphthalate	40.000	40.417	-1.0	115	0.00
81		Benzo(a)anthracene	40.000	41.049	-2.6	111	0.00
82		3,3'-Dichlorobenzidine	40.000	42.615	-6.5	110	0.00
83		Chrysene	40.000	42.445	-6.1	122	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	36.467	8.8	104	0.00
85	c	Di-n-octyl phthalate	40.000	33.845	15.4	94	0.00
86	I	Perylene-d12	20.000	20.000	0.0	106	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	41.864	-4.7	101	0.00
88		Benzo(b)fluoranthene	40.000	39.998	0.0	101	0.00
89		Benzo(k)fluoranthene	40.000	43.643	-9.1	115	0.00
90	C	Benzo(a)pyrene	40.000	41.969	-4.9	105	0.00
91		Dibenzo(a,h)anthracene	40.000	42.333	-5.8	102	0.00
92		Benzo(g,h,i)perylene	40.000	41.848	-4.6	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142250.D
Acq On : 01 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 01 11:46:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: BNA_M Calibration Date/Time: 05/01/2025 13:25

Lab File ID: BM050062.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.142	1.339		17.3	
Phenol-d6	1.436	1.600		11.4	
Nitrobenzene-d5	0.406	0.470		15.8	
Naphthalene	1.013	1.086		7.2	
2-Fluorobiphenyl	1.691	1.996		18.0	
Acenaphthylene	1.857	2.021		8.8	
Acenaphthene	1.075	1.173		9.1	20.0
Fluorene	1.463	1.622		10.9	
2,4,6-Tribromophenol	0.296	0.313		5.7	
Phenanthrene	1.128	1.244		10.3	
Anthracene	1.142	1.274		11.6	
Fluoranthene	1.324	1.440		8.8	20.0
Pyrene	1.404	1.537		9.5	
Terphenyl-d14	1.352	1.606		18.8	
Benzo(a)anthracene	1.377	1.520		10.4	
Chrysene	1.275	1.371		7.5	
Benzo(b)fluoranthene	1.301	1.413		8.6	
Benzo(k)fluoranthene	1.316	1.460		10.9	
Benzo(a)pyrene	1.218	1.323		8.6	20.0
Indeno(1,2,3-cd)pyrene	1.490	1.620		8.7	
Dibenzo(a,h)anthracene	1.215	1.320		8.6	
Benzo(g,h,i)perylene	1.163	1.262		8.5	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050062.D
Acq On : 01 May 2025 13:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 01 14:34:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	329367	20.000	ng		-0.01
21) Naphthalene-d8	10.545	136	1090203	20.000	ng		-0.02
39) Acenaphthene-d10	14.398	164	636680	20.000	ng		-0.01
64) Phenanthrene-d10	17.145	188	1171488	20.000	ng		-0.01
76) Chrysene-d12	21.386	240	1137064	20.000	ng		-0.01
86) Perylene-d12	24.374	264	1050482	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1763849	93.775	ng		0.00
7) Phenol-d6	6.940	99	2108064	89.170	ng		-0.01
23) Nitrobenzene-d5	8.916	82	2051183	92.712	ng		-0.01
42) 2,4,6-Tribromophenol	15.892	330	795940	84.547	ng		-0.01
45) 2-Fluorobiphenyl	13.016	172	5083891	94.461	ng		-0.02
79) Terphenyl-d14	19.768	244	7303717	95.048	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	383184	47.513	ng		96
3) Pyridine	3.669	79	989783	47.766	ng		96
4) n-Nitrosodimethylamine	3.581	42	376576	46.336	ng		94
6) Aniline	7.087	93	1270890	42.572	ng		98
8) 2-Chlorophenol	7.328	128	859309	42.253	ng		97
9) Benzaldehyde	6.904	77	719532	45.481	ng		96
10) Phenol	6.969	94	1056904	44.161	ng		99
11) bis(2-Chloroethyl)ether	7.181	93	856057	42.836	ng		98
12) 1,3-Dichlorobenzene	7.645	146	1045209	42.546	ng		98
13) 1,4-Dichlorobenzene	7.792	146	1048234	42.473	ng		99
14) 1,2-Dichlorobenzene	8.110	146	989132	41.490	ng		100
15) Benzyl Alcohol	8.004	79	692547	42.242	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.281	45	1045823	43.052	ng		99
17) 2-Methylphenol	8.210	107	648585	41.137	ng		99
18) Hexachloroethane	8.828	117	378276	43.117	ng		95
19) n-Nitroso-di-n-propyla...	8.563	70	555015	36.605	ng		99
20) 3+4-Methylphenols	8.539	107	857963	40.296	ng		98
22) Acetophenone	8.581	105	1209811	44.635	ng	#	99
24) Nitrobenzene	8.957	77	875427	45.762	ng		99
25) Isophorone	9.481	82	1574508	41.750	ng		97
26) 2-Nitrophenol	9.663	139	430669	44.067	ng		94
27) 2,4-Dimethylphenol	9.734	122	691532	42.668	ng		98
28) bis(2-Chloroethoxy)met...	9.957	93	991786	42.549	ng		99
29) 2,4-Dichlorophenol	10.210	162	775404	42.706	ng		98
30) 1,2,4-Trichlorobenzene	10.410	180	949929	42.941	ng		100
31) Naphthalene	10.592	128	2368369	42.897	ng		100
32) Benzoic acid	9.898	122	406206	39.188	ng		94
33) 4-Chloroaniline	10.710	127	928926	41.048	ng		98
34) Hexachlorobutadiene	10.881	225	608678	43.347	ng		99
35) Caprolactam	11.510	113	194333	36.708	ng		90
36) 4-Chloro-3-methylphenol	11.851	107	661004	39.405	ng		97
37) 2-Methylnaphthalene	12.210	142	1522915	41.142	ng		99
38) 1-Methylnaphthalene	12.427	142	1586181	40.492	ng		100
40) 1,2,4,5-Tetrachloroben...	12.586	216	1034474	46.936	ng		100
41) Hexachlorocyclopentadiene	12.563	237	600946	44.616	ng		100
43) 2,4,6-Trichlorophenol	12.833	196	631478	45.172	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050062.D
Acq On : 01 May 2025 13:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 01 14:34:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

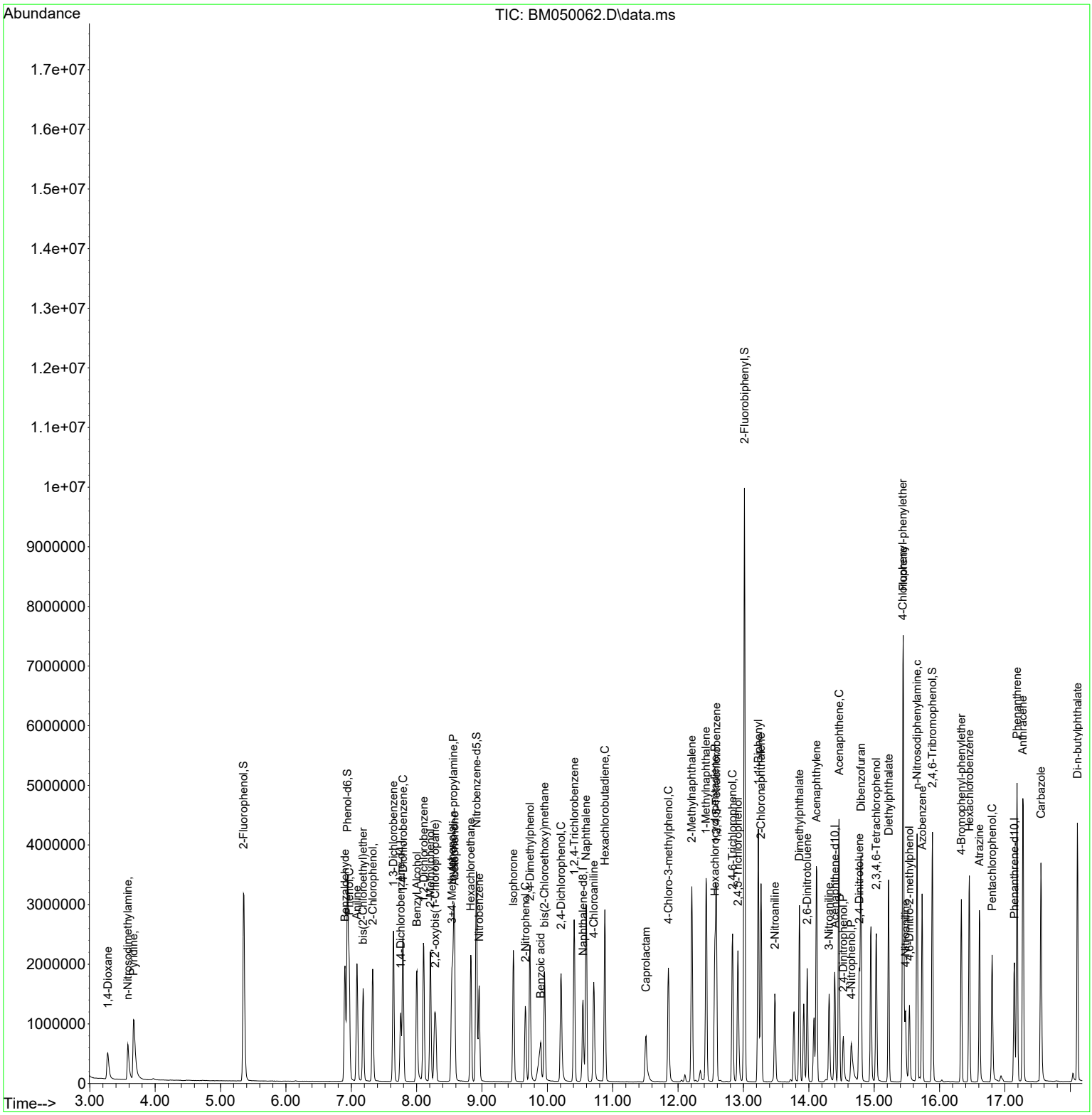
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	671975	44.577	ng	98
46) 1,1'-Biphenyl	13.227	154	2131816	45.044	ng	99
47) 2-Chloronaphthalene	13.269	162	1684006	44.927	ng	99
48) 2-Nitroaniline	13.480	65	410017	46.607	ng	94
49) Acenaphthylene	14.116	152	2573916	43.552	ng	100
50) Dimethylphthalate	13.857	163	1902354	40.885	ng	100
51) 2,6-Dinitrotoluene	13.974	165	405683	42.111	ng	91
52) Acenaphthene	14.463	154	1493734	43.665	ng	99
53) 3-Nitroaniline	14.310	138	390509	42.458	ng	96
54) 2,4-Dinitrophenol	14.527	184	205027	36.611	ng	93
55) Dibenzofuran	14.798	168	2443491	42.931	ng	100
56) 4-Nitrophenol	14.651	139	282631	40.165	ng	93
57) 2,4-Dinitrotoluene	14.774	165	558403	41.948	ng	98
58) Fluorene	15.445	166	2065086	44.327	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	545793	41.828	ng	99
60) Diethylphthalate	15.221	149	1779559	40.589	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	1121604	43.832	ng	98
62) 4-Nitroaniline	15.480	138	376575	42.437	ng	96
63) Azobenzene	15.733	77	1645970	44.796	ng	99
65) 4,6-Dinitro-2-methylph...	15.539	198	307321	41.909	ng	93
66) n-Nitrosodiphenylamine	15.657	169	1598289	44.430	ng	100
67) 4-Bromophenyl-phenylether	16.333	248	618264	43.643	ng	98
68) Hexachlorobenzene	16.457	284	713913	43.718	ng	98
69) Atrazine	16.610	200	550481	42.423	ng	99
70) Pentachlorophenol	16.804	266	408293	44.419	ng	99
71) Phenanthrene	17.186	178	2915695	44.128	ng	99
72) Anthracene	17.274	178	2984695	44.637	ng	99
73) Carbazole	17.551	167	2517620	43.390	ng	99
74) Di-n-butylphthalate	18.109	149	2966936	42.938	ng	99
75) Fluoranthene	19.203	202	3374127	43.496	ng	100
77) Benzidine	19.398	184	1153850	28.568	ng	99
78) Pyrene	19.568	202	3494418	43.763	ng	100
80) Butylbenzylphthalate	20.468	149	1248988	41.763	ng	95
81) Benzo(a)anthracene	21.368	228	3455861	44.135	ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	1252229	41.777	ng	99
83) Chrysene	21.427	228	3117333	43.016	ng	99
84) Bis(2-ethylhexyl)phtha...	21.286	149	1873155	41.933	ng	100
85) Di-n-octyl phthalate	22.415	149	2890157	39.233	ng	98
87) Indeno(1,2,3-cd)pyrene	27.756	276	3404250	43.491	ng	99
88) Benzo(b)fluoranthene	23.433	252	2969664	43.470	ng	100
89) Benzo(k)fluoranthene	23.497	252	3066550	44.376	ng	100
90) Benzo(a)pyrene	24.238	252	2780579	43.457	ng	99
91) Dibenzo(a,h)anthracene	27.803	278	2773732	43.471	ng	99
92) Benzo(g,h,i)perylene	28.809	276	2650473	43.389	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050062.D
Acq On : 01 May 2025 13:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

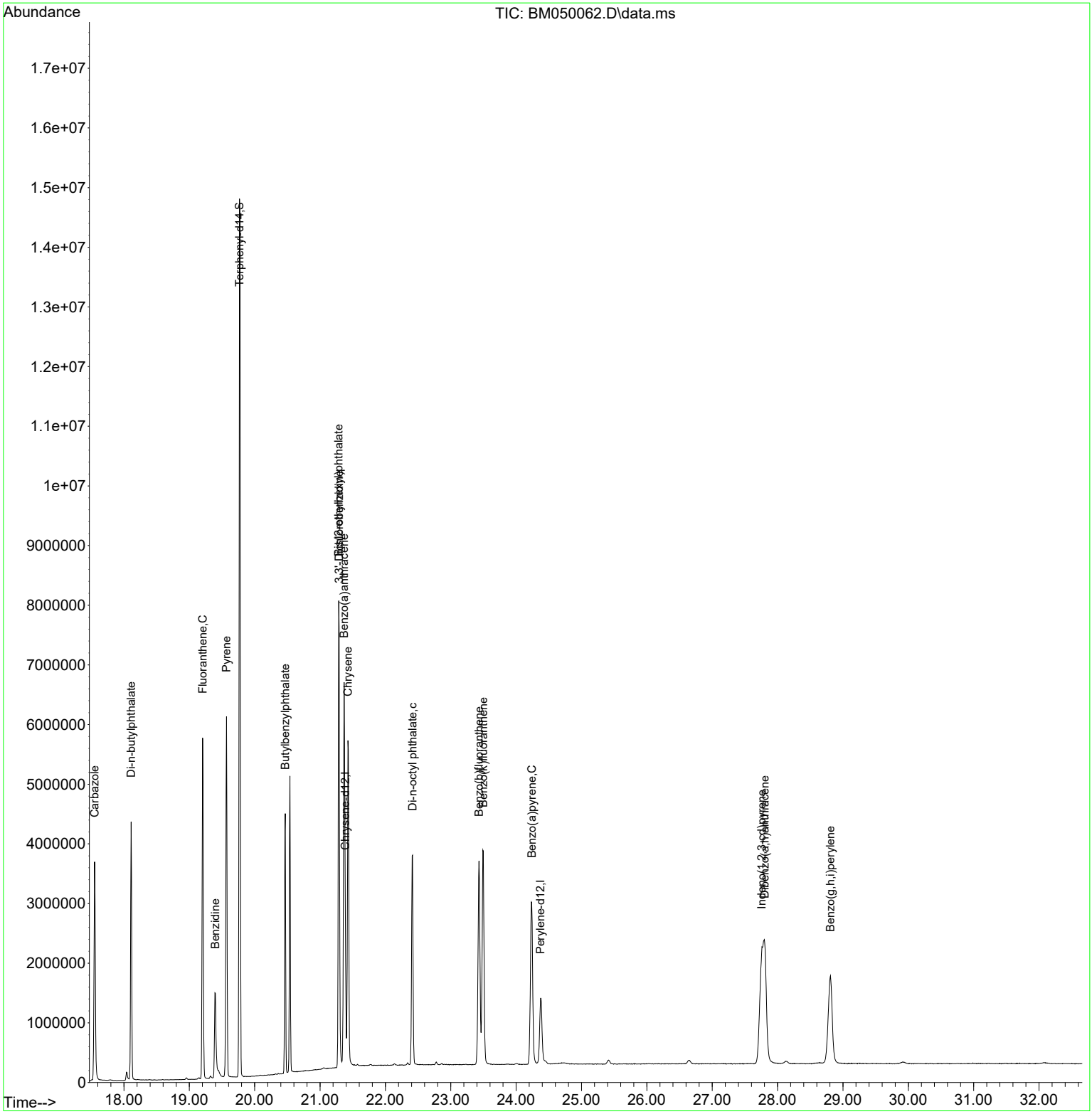
Quant Time: May 01 14:34:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

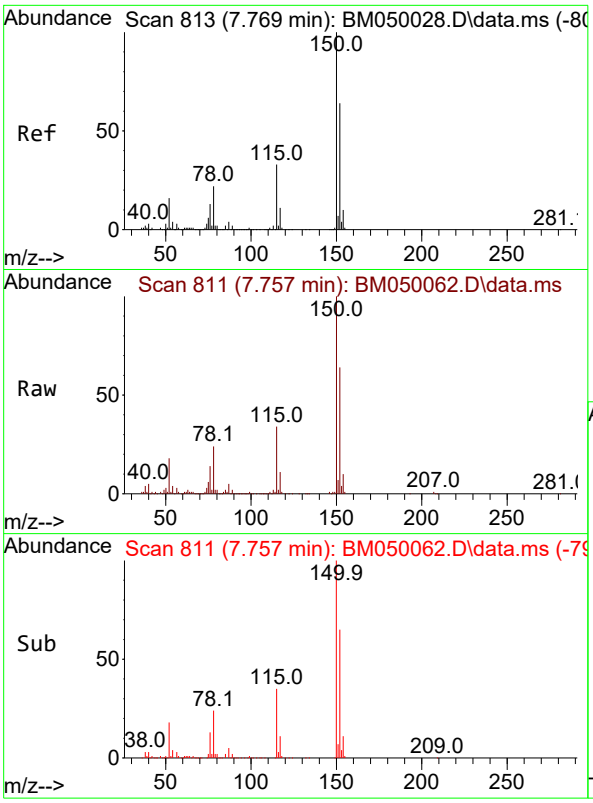


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050062.D
Acq On : 01 May 2025 13:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 01 14:34:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



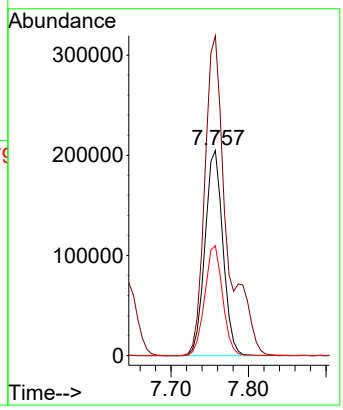


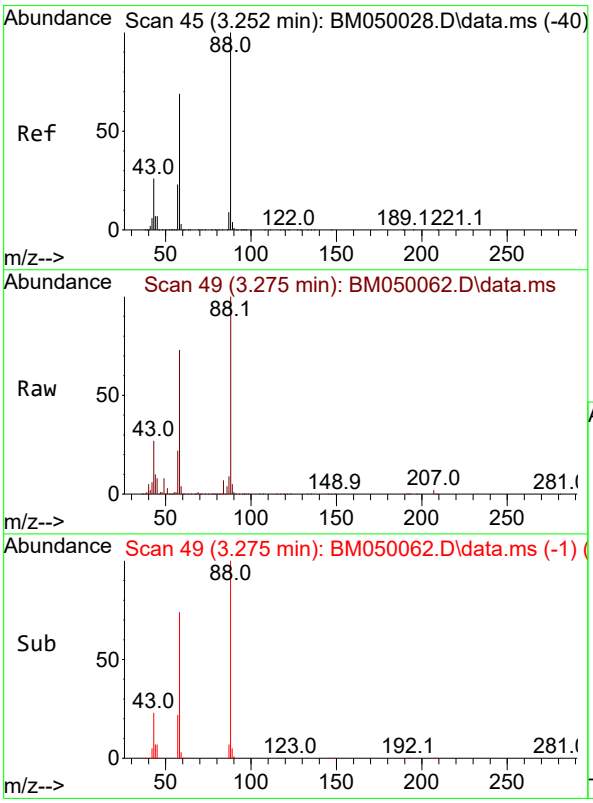
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 329367

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.1	186.1
115	53.6	41.2	61.8

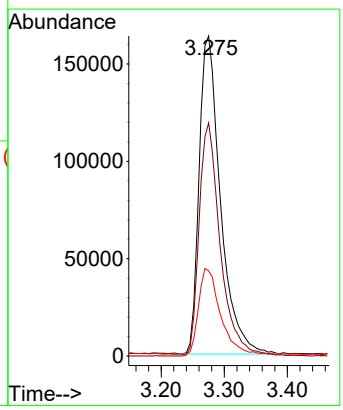


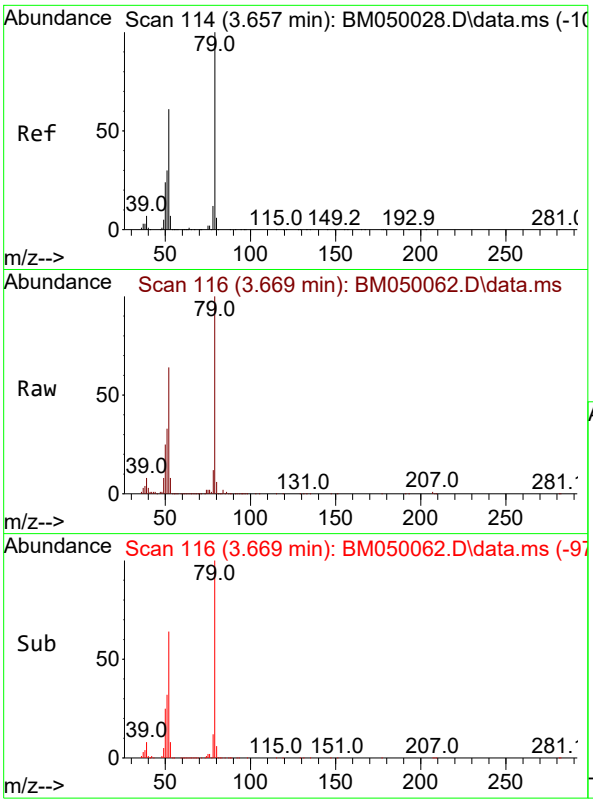


#2
1,4-Dioxane
Concen: 47.513 ng
RT: 3.275 min Scan# 49
Delta R.T. 0.024 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion: 88 Resp: 383184

Ion	Ratio	Lower	Upper
88	100		
58	72.6	55.1	82.7
43	27.2	20.9	31.3



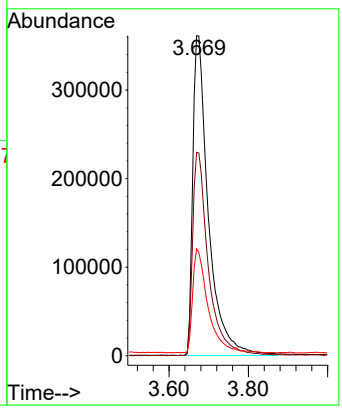


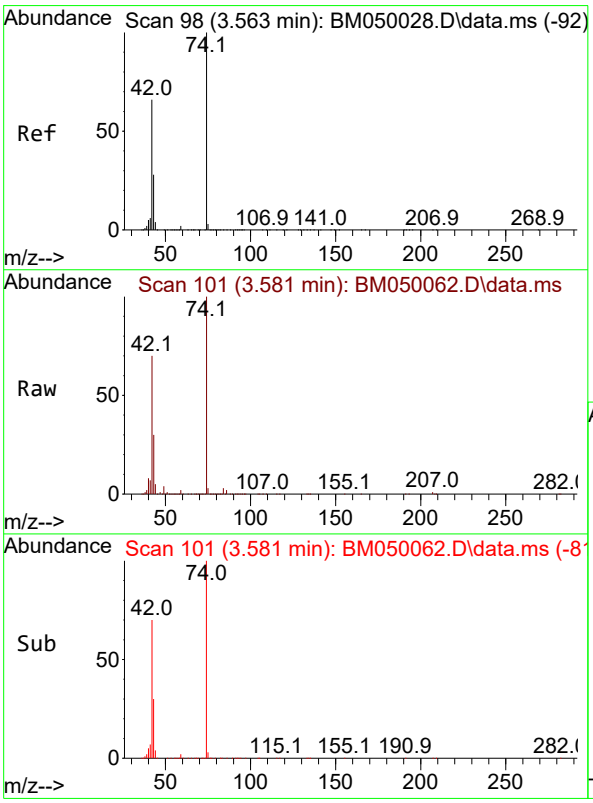
#3
Pyridine
Concen: 47.766 ng
RT: 3.669 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 989783

Ion	Ratio	Lower	Upper
79	100		
52	63.5	48.6	72.8
51	33.4	24.6	37.0

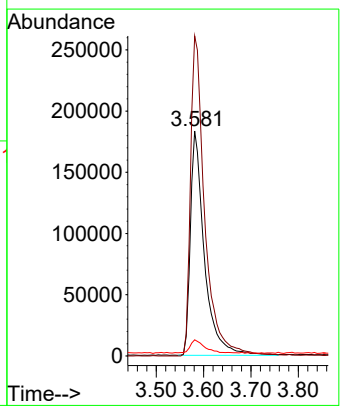


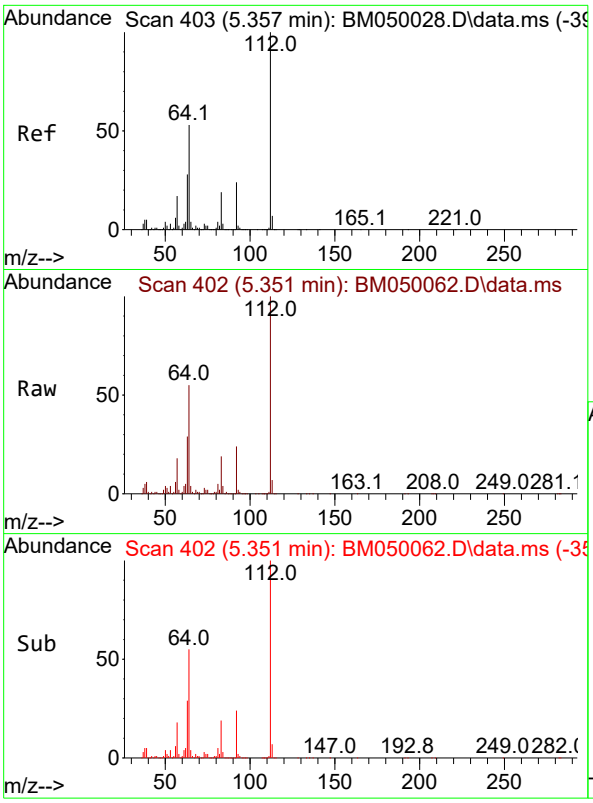


#4
n-Nitrosodimethylamine
Concen: 46.336 ng
RT: 3.581 min Scan# 101
Delta R.T. 0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion: 42 Resp: 376576

Ion	Ratio	Lower	Upper
42	100		
74	142.2	120.2	180.2
44	7.2	6.2	9.2



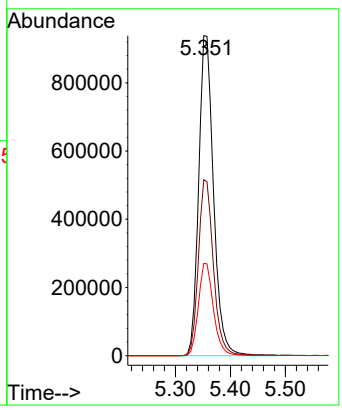


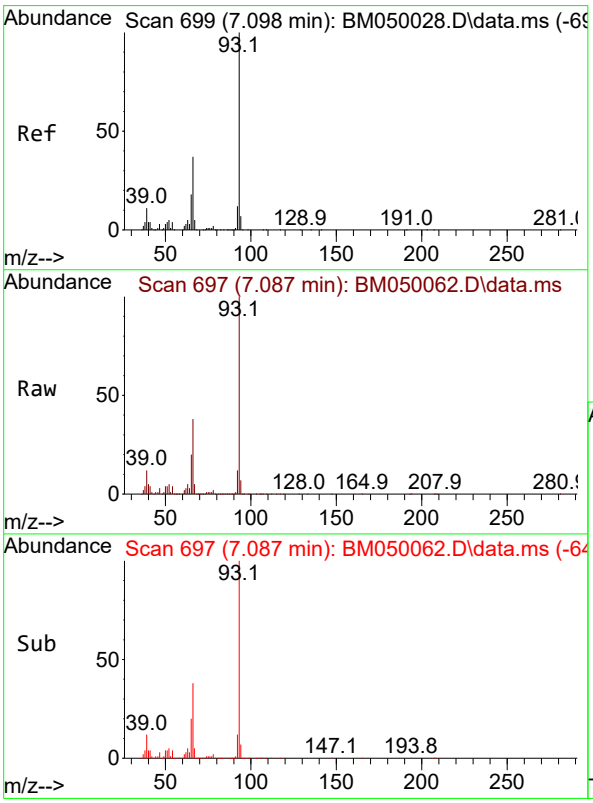
#5
2-Fluorophenol
Concen: 93.775 ng
RT: 5.351 min Scan# 4(
Delta R.T. -0.006 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 1763849

Ion	Ratio	Lower	Upper
112	100		
64	55.0	42.6	64.0
63	28.9	22.2	33.4

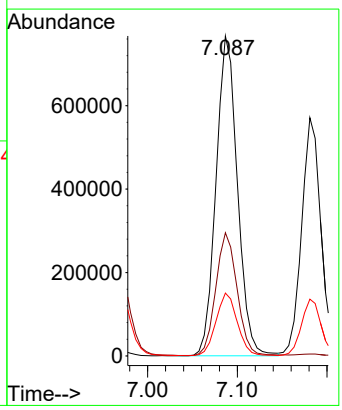


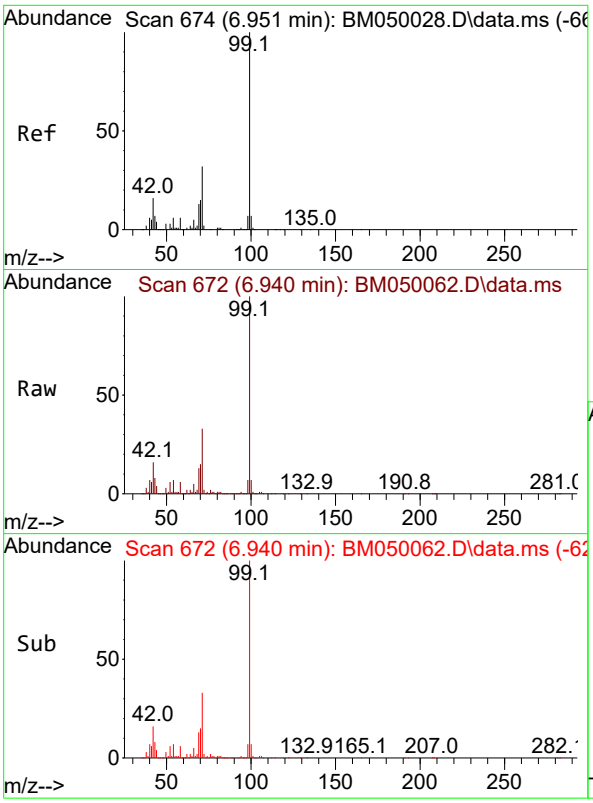


#6
Aniline
Concen: 42.572 ng
RT: 7.087 min Scan# 697
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion: 93 Resp: 1270890

Ion	Ratio	Lower	Upper
93	100		
66	38.5	29.9	44.9
65	19.6	14.5	21.7



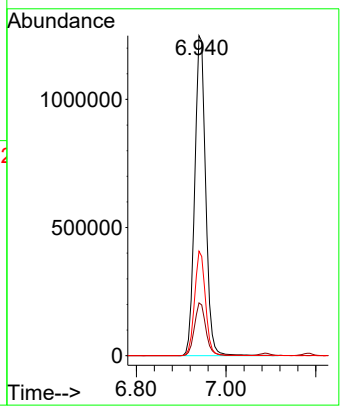


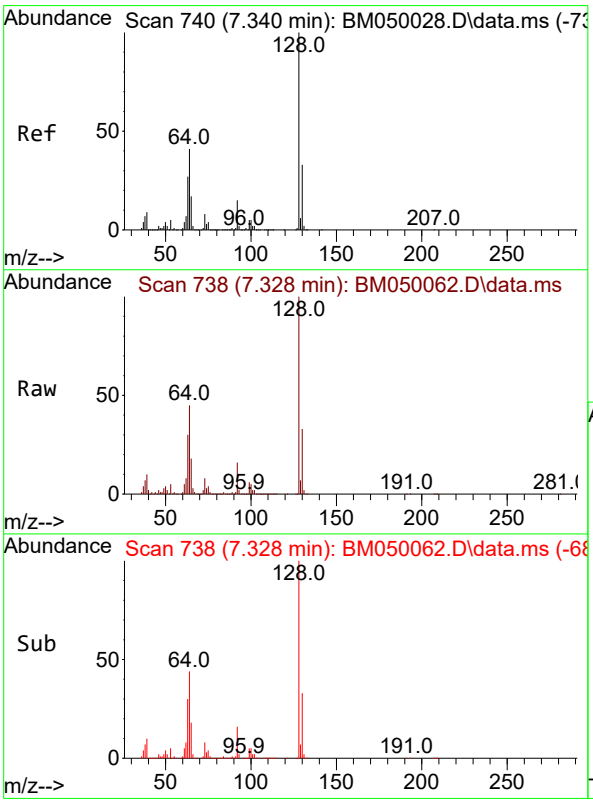
#7
Phenol-d6
Concen: 89.170 ng
RT: 6.940 min Scan# 6
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 2108064

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.0	19.4
71	32.7	25.6	38.4

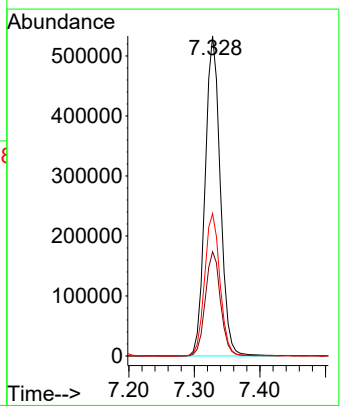


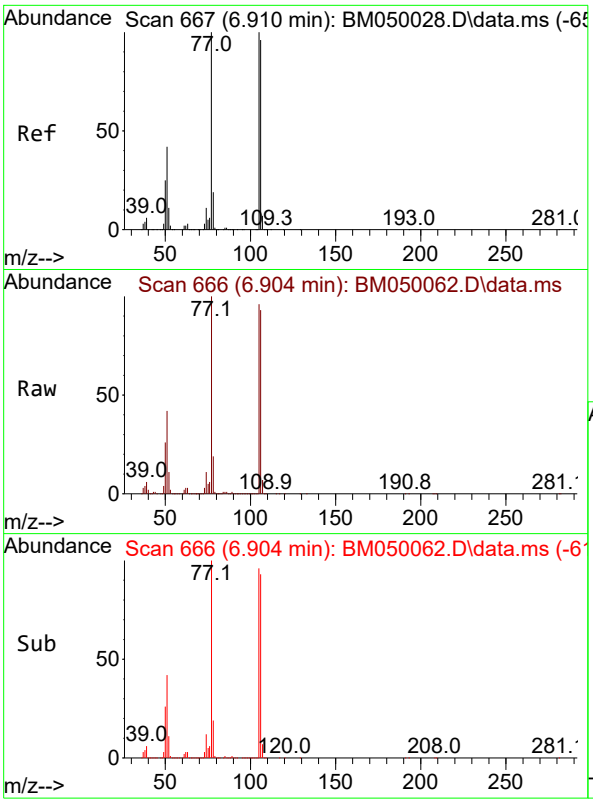


#8
2-Chlorophenol
Concen: 42.253 ng
RT: 7.328 min Scan# 738
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:128 Resp: 859309

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.8	52.8
64	44.5	21.2	61.2



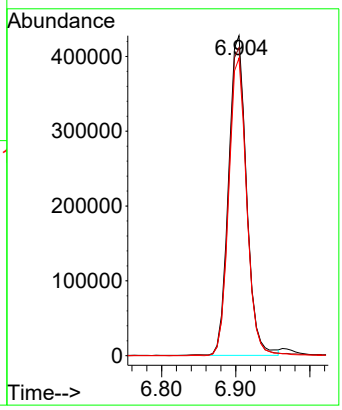


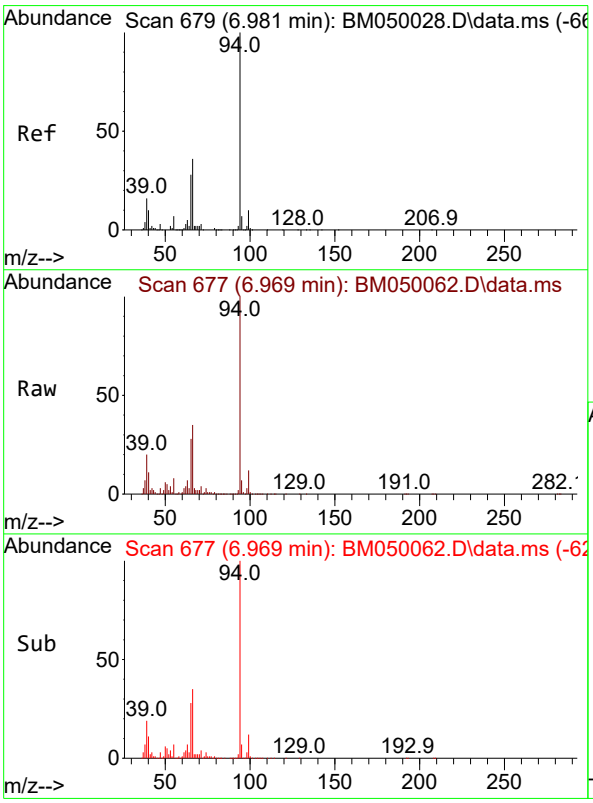
#9
Benzaldehyde
Concen: 45.481 ng
RT: 6.904 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 719532

Ion	Ratio	Lower	Upper
77	100		
105	96.2	80.5	120.5
106	93.0	76.1	116.1

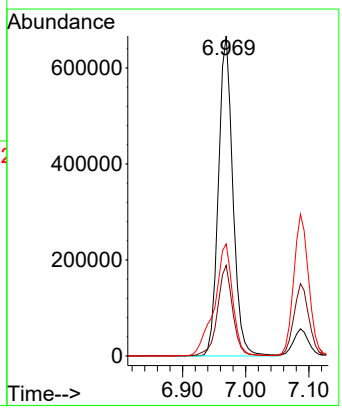


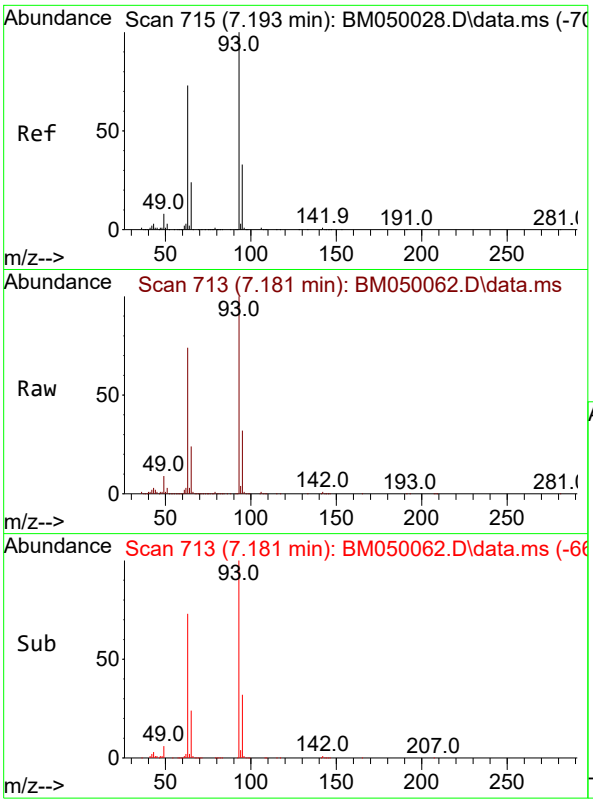


#10
Phenol
Concen: 44.161 ng
RT: 6.969 min Scan# 677
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion: 94 Resp: 1056904

Ion	Ratio	Lower	Upper
94	100		
65	28.3	7.6	47.6
66	35.0	15.8	55.8



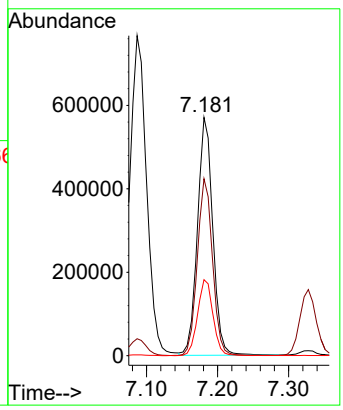


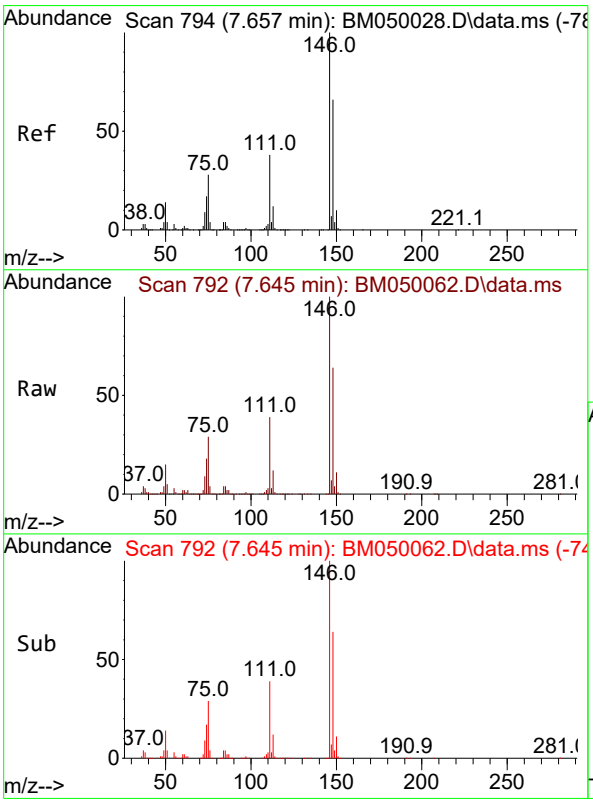
#11
bis(2-Chloroethyl)ether
Concen: 42.836 ng
RT: 7.181 min Scan# 7
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 856057

Ion	Ratio	Lower	Upper
93	100		
63	74.3	52.3	92.3
95	31.9	12.8	52.8

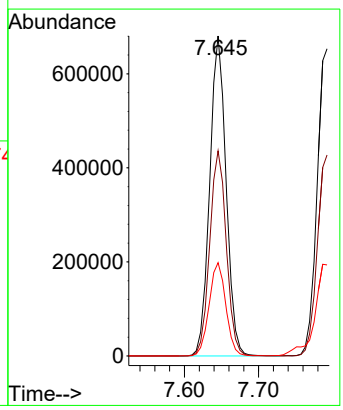


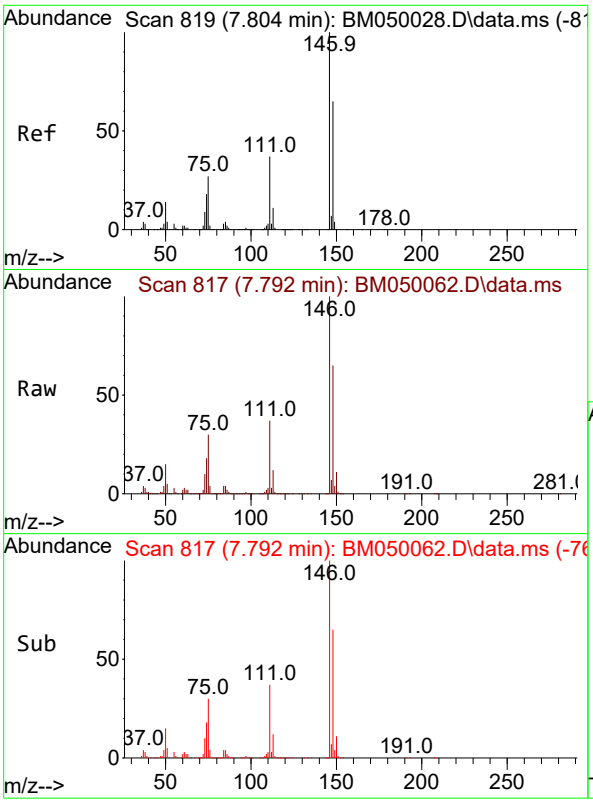


#12
1,3-Dichlorobenzene
Concen: 42.546 ng
RT: 7.645 min Scan# 792
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:146 Resp: 1045209

Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.5	78.7
75	29.1	22.6	34.0



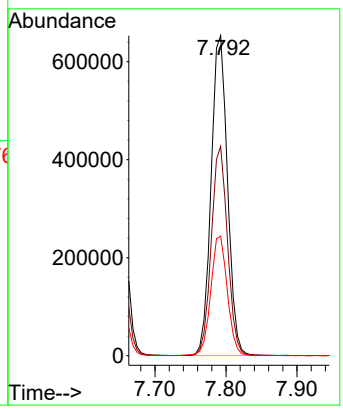


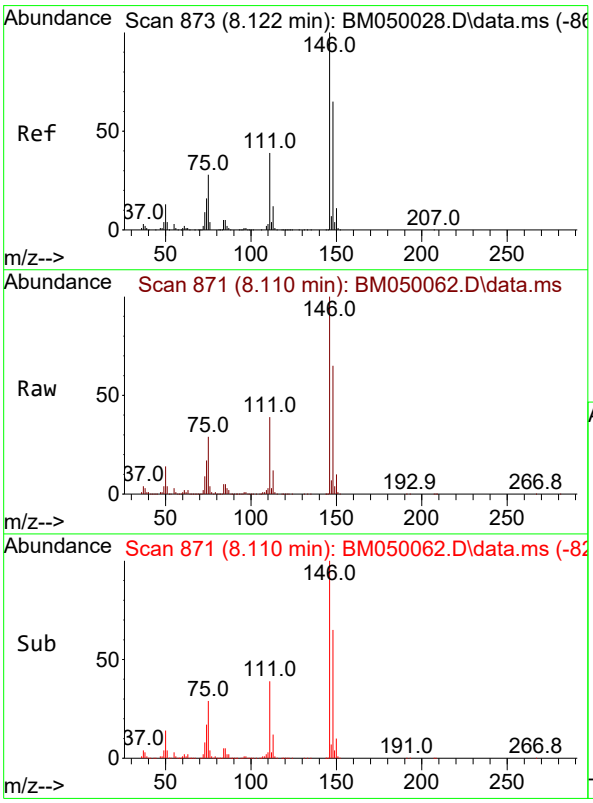
#13
1,4-Dichlorobenzene
Concen: 42.473 ng
RT: 7.792 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 1048234

Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.2	78.2
111	37.3	29.3	43.9

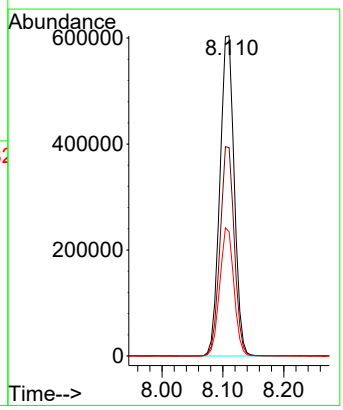


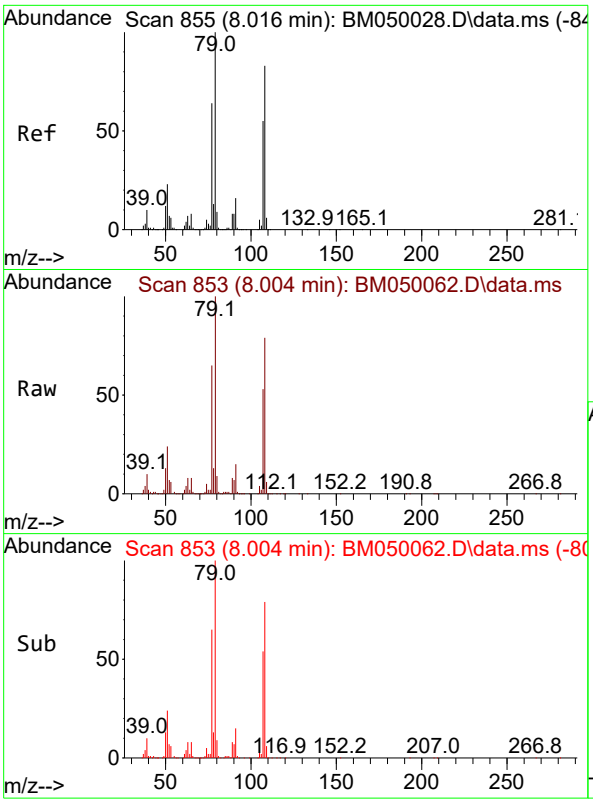


#14
1,2-Dichlorobenzene
Concen: 41.490 ng
RT: 8.110 min Scan# 871
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:146 Resp: 989132

Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.4	78.6
111	38.8	31.0	46.6



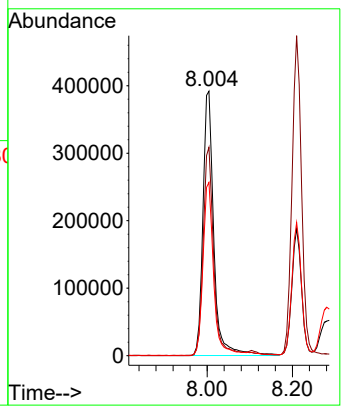


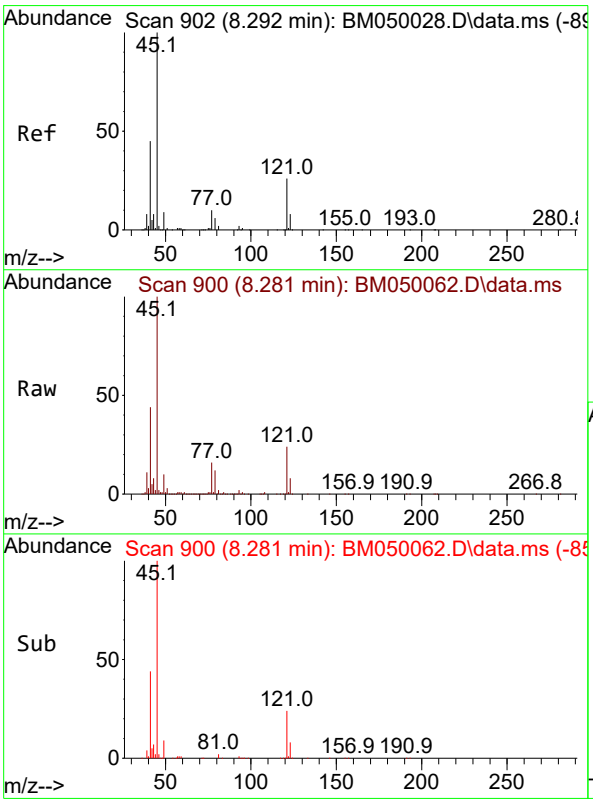
#15
Benzyl Alcohol
Concen: 42.242 ng
RT: 8.004 min Scan# 8
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 692547

Ion	Ratio	Lower	Upper
79	100		
108	78.8	66.0	99.0
77	65.5	51.6	77.4

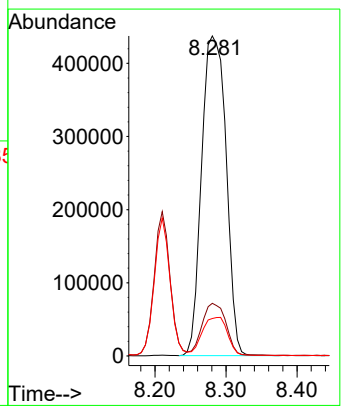


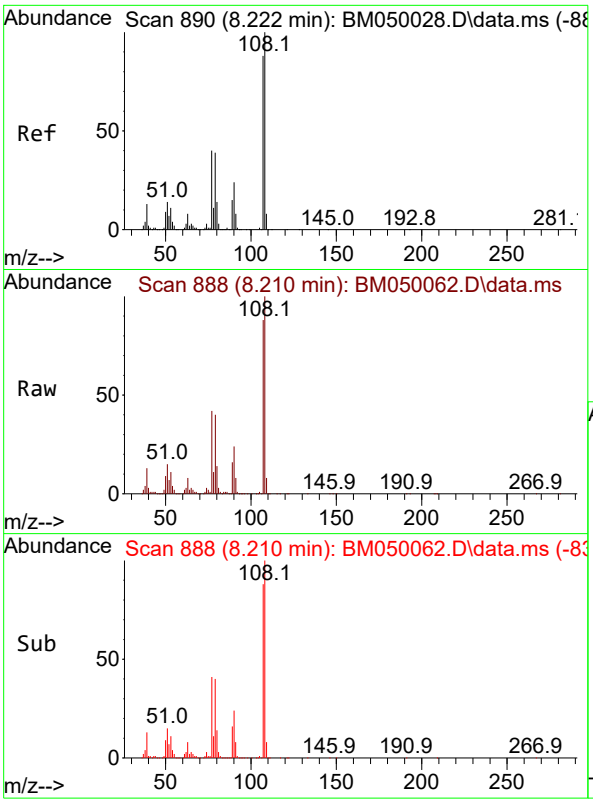


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.052 ng
RT: 8.281 min Scan# 900
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion: 45 Resp: 1045823

Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	36.4
79	11.7	0.0	32.7



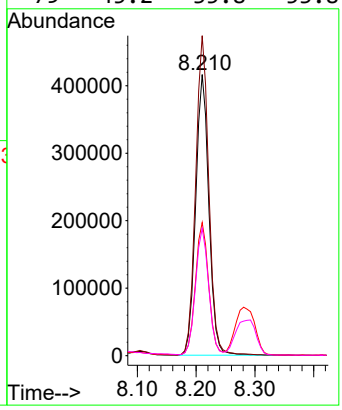


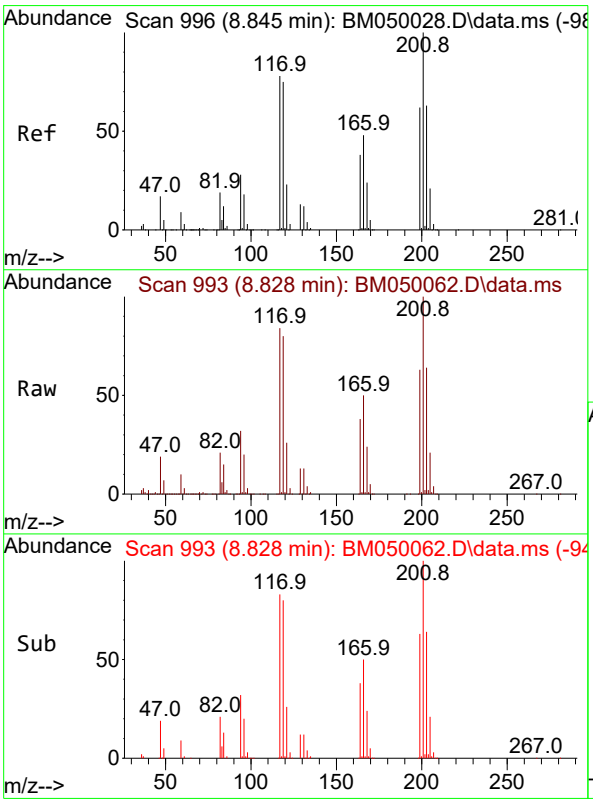
#17
2-Methylphenol
Concen: 41.137 ng
RT: 8.210 min Scan# 8
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 648585

Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.1	136.7
77	47.4	36.2	54.4
79	45.2	35.8	53.8

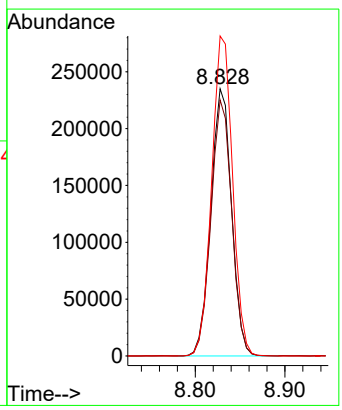


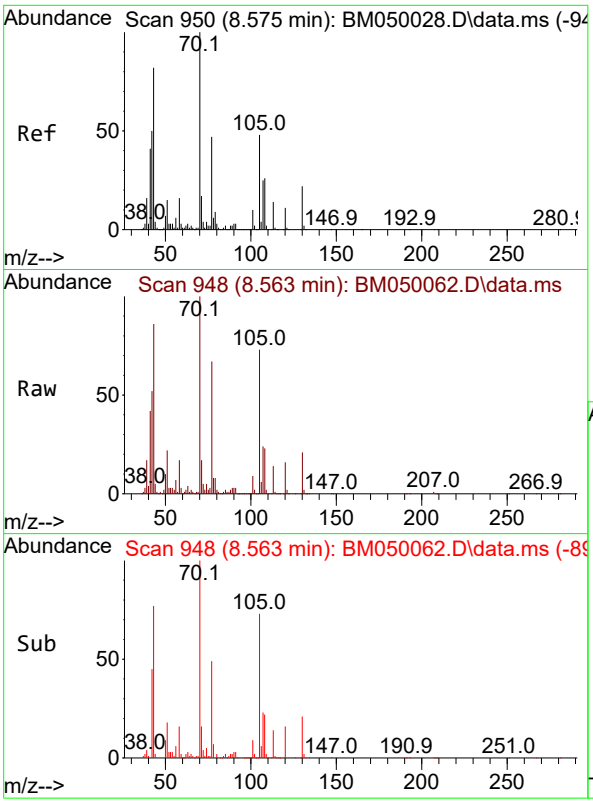


#18
Hexachloroethane
Concen: 43.117 ng
RT: 8.828 min Scan# 993
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:117 Resp: 378276

Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.3	115.9
201	119.7	102.8	154.2



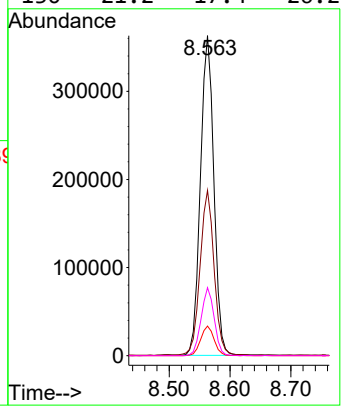


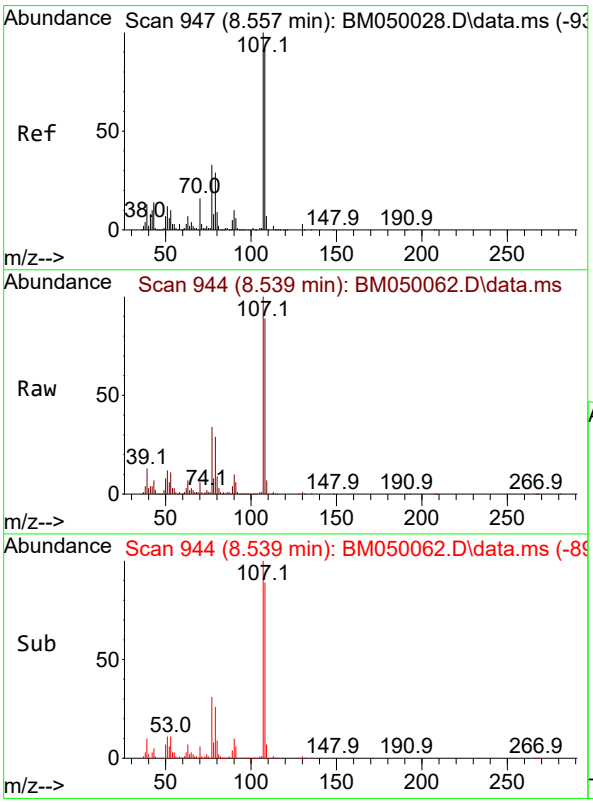
#19
n-Nitroso-di-n-propylamine
Concen: 36.605 ng
RT: 8.563 min Scan# 94
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 555015

Ion	Ratio	Lower	Upper
70	100		
42	51.6	40.5	60.7
101	9.3	7.8	11.6
130	21.2	17.4	26.2

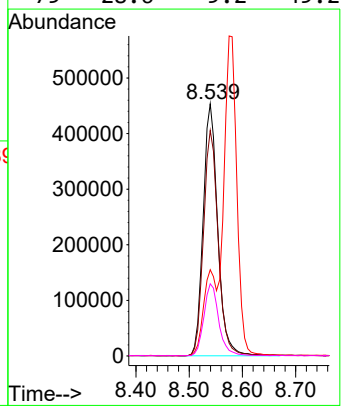


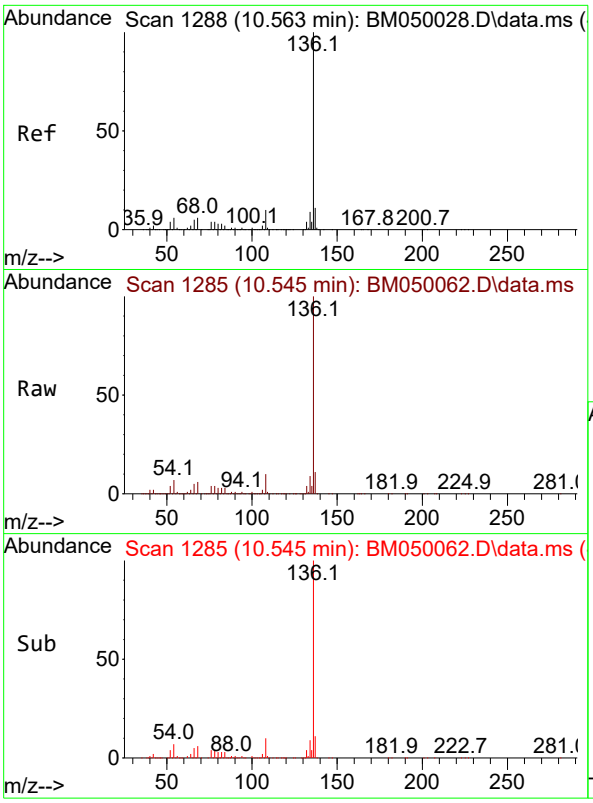


#20
3+4-Methylphenols
Concen: 40.296 ng
RT: 8.539 min Scan# 944
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:107 Resp: 857963

Ion	Ratio	Lower	Upper
107	100		
108	89.4	72.4	112.4
77	34.2	13.6	53.6
79	28.6	9.2	49.2



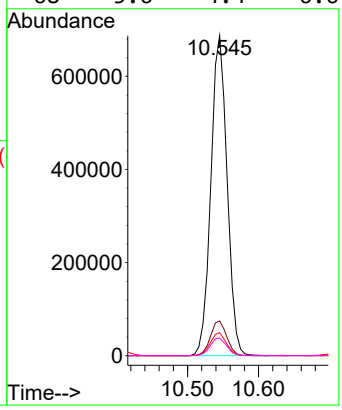


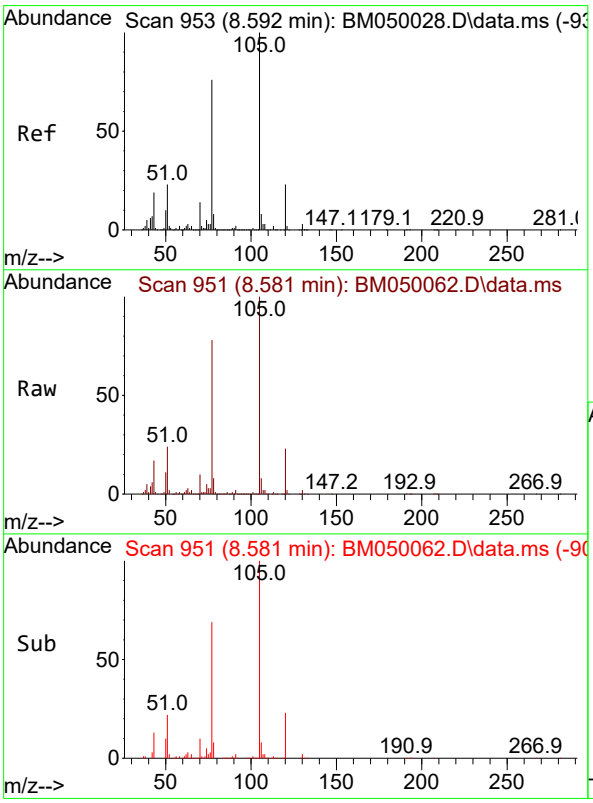
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.545 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 1090203

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.2	5.1	7.7
68	5.6	4.4	6.6

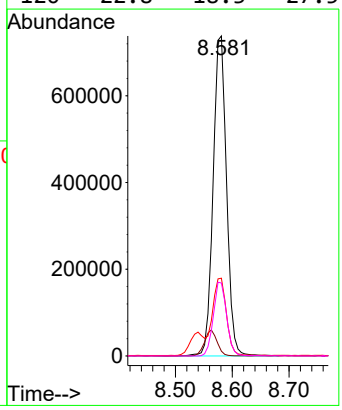


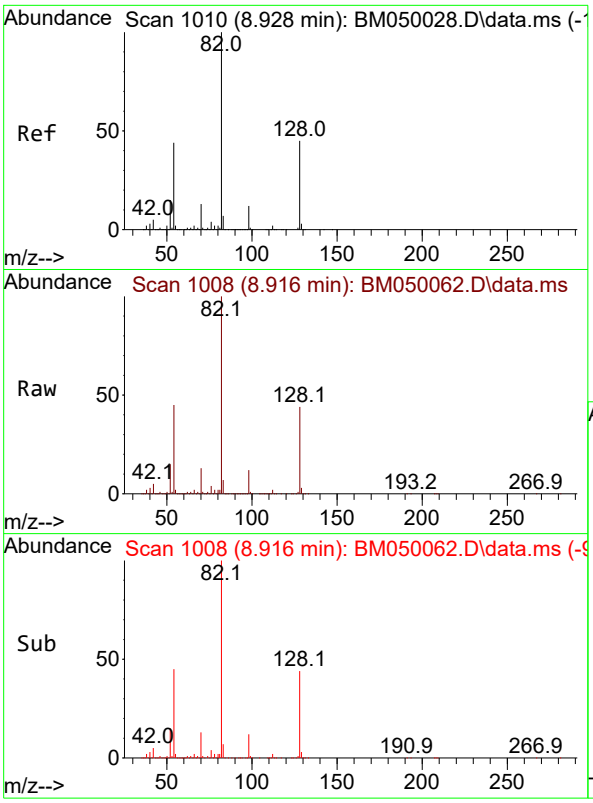


#22
Acetophenone
Concen: 44.635 ng
RT: 8.581 min Scan# 951
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:105 Resp: 1209811

Ion	Ratio	Lower	Upper
105	100		
71	1.5	1.7	2.5#
51	24.3	18.6	27.8
120	22.8	18.3	27.5



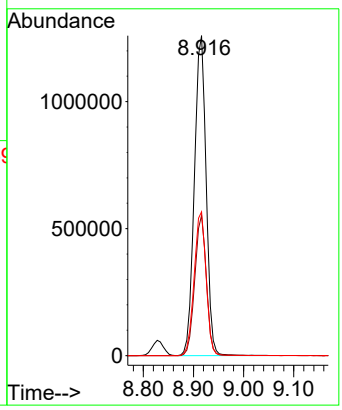


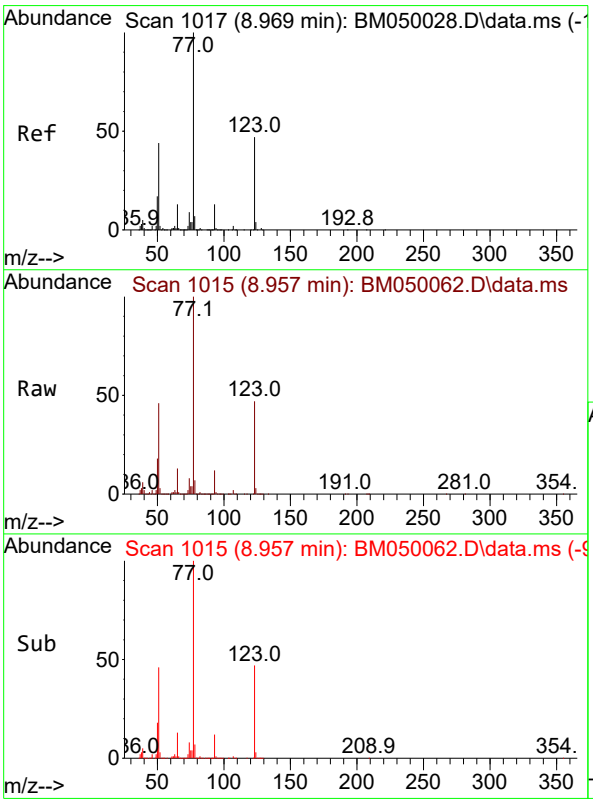
#23
Nitrobenzene-d5
Concen: 92.712 ng
RT: 8.916 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 2051183

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.7	53.5
54	45.0	35.4	53.2

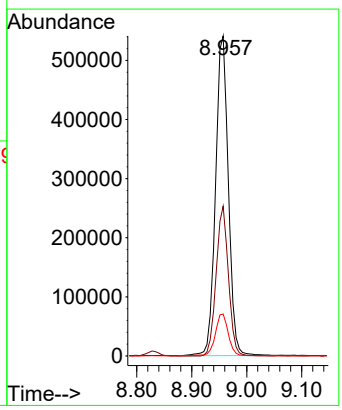


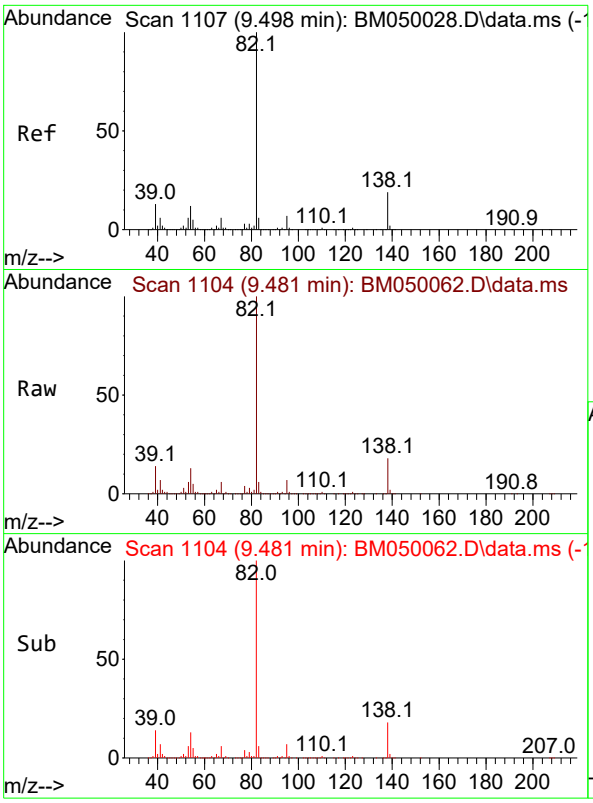


#24
Nitrobenzene
Concen: 45.762 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion: 77 Resp: 875427

Ion	Ratio	Lower	Upper
77	100		
123	46.8	37.9	56.9
65	13.1	10.1	15.1



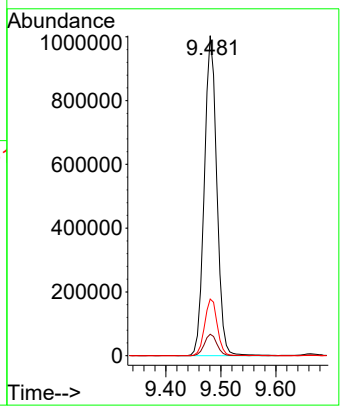


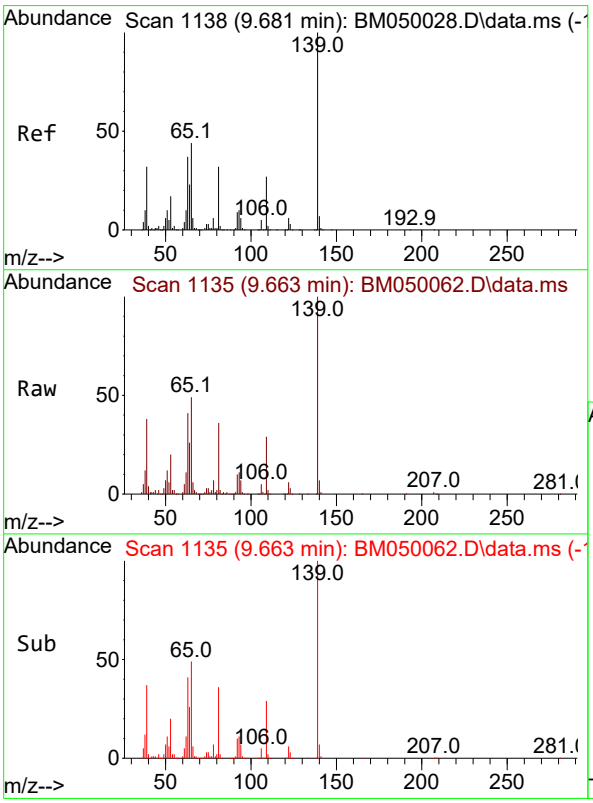
#25
Isophorone
Concen: 41.750 ng
RT: 9.481 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1574508

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.7	8.5
138	17.7	15.5	23.3

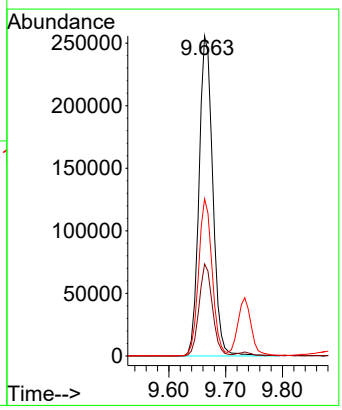


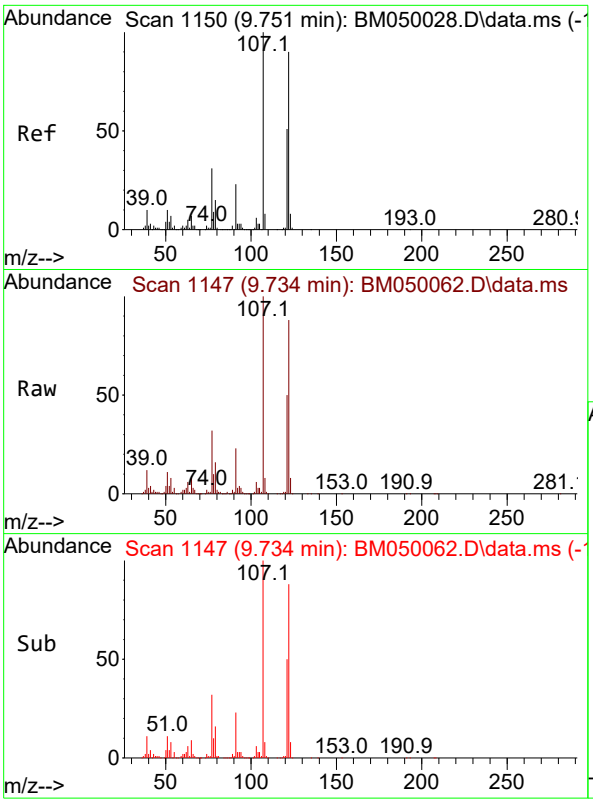


#26
2-Nitrophenol
Concen: 44.067 ng
RT: 9.663 min Scan# 1135
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:139 Resp: 430669

Ion	Ratio	Lower	Upper
139	100		
109	28.8	21.9	32.9
65	49.1	35.4	53.2



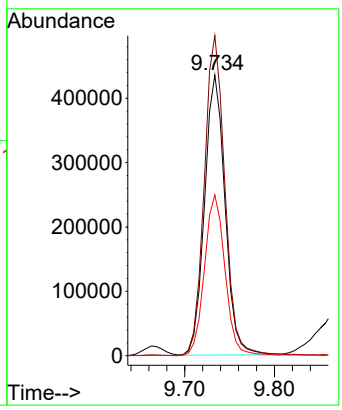


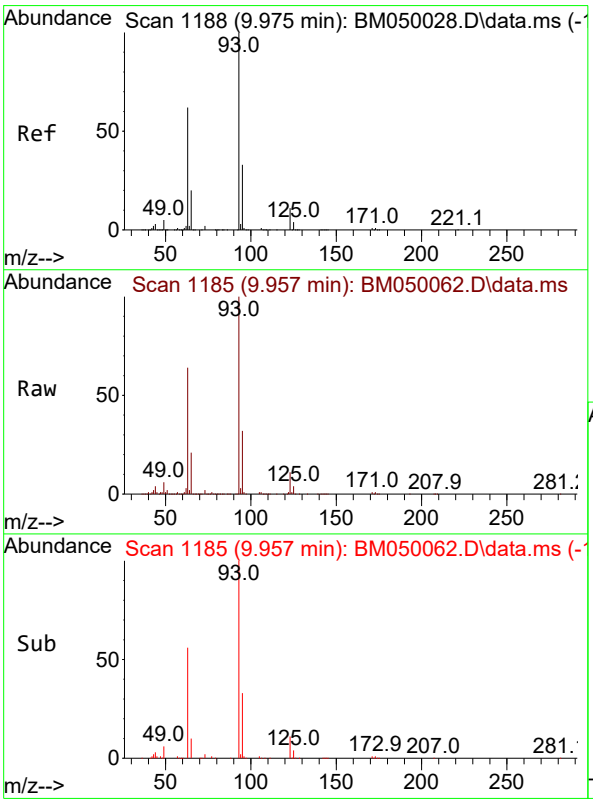
#27
2,4-Dimethylphenol
Concen: 42.668 ng
RT: 9.734 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 691532

Ion	Ratio	Lower	Upper
122	100		
107	114.0	89.0	133.6
121	57.3	45.6	68.4

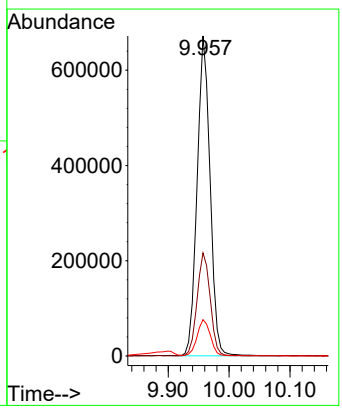


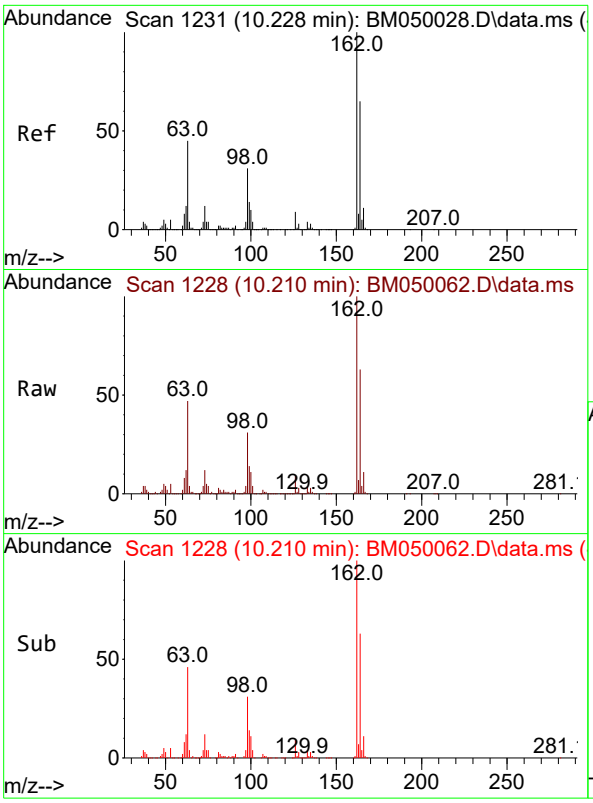


#28
bis(2-Chloroethoxy)methane
Concen: 42.549 ng
RT: 9.957 min Scan# 1185
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion: 93 Resp: 991786

Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.1	39.1
123	11.4	9.5	14.3



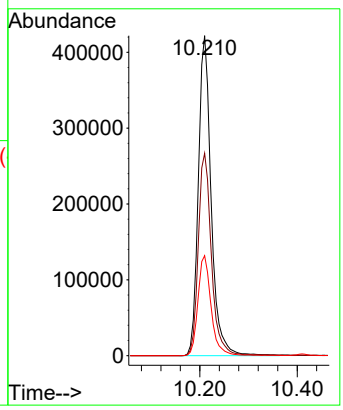


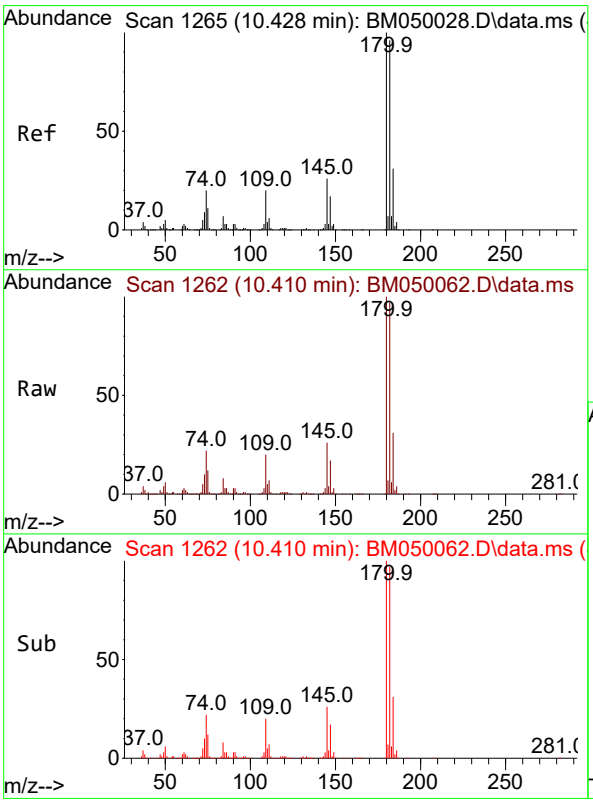
#29
2,4-Dichlorophenol
Concen: 42.706 ng
RT: 10.210 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 775404

Ion	Ratio	Lower	Upper
162	100		
164	63.3	45.4	85.4
98	31.2	11.3	51.3

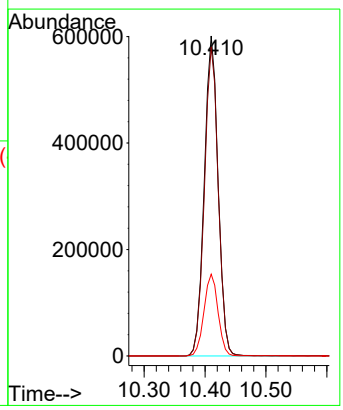


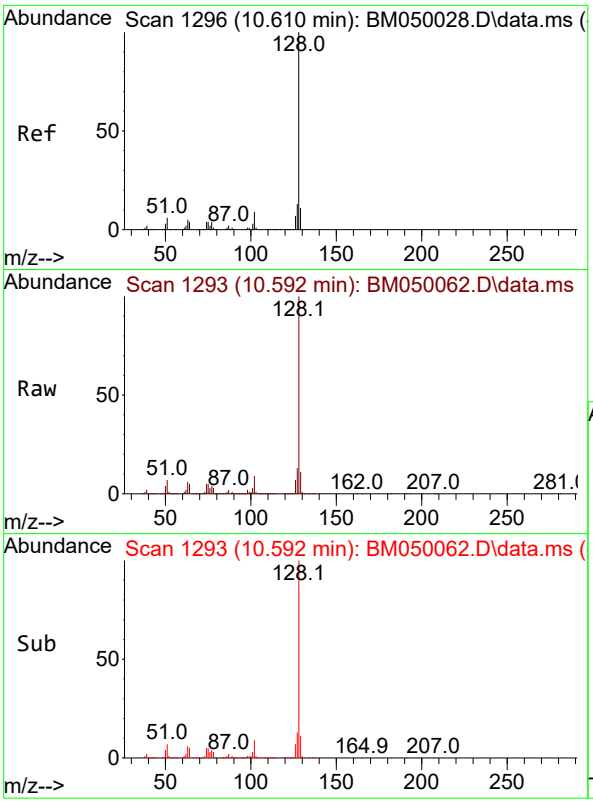


#30
1,2,4-Trichlorobenzene
Concen: 42.941 ng
RT: 10.410 min Scan# 1262
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:180 Resp: 949929

Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.0	115.4
145	25.6	20.6	30.8



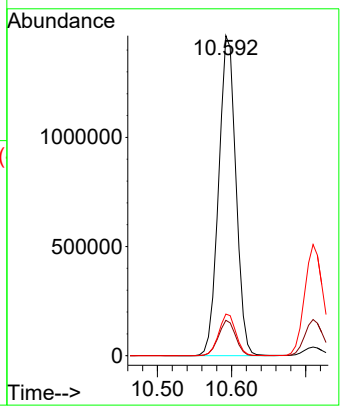


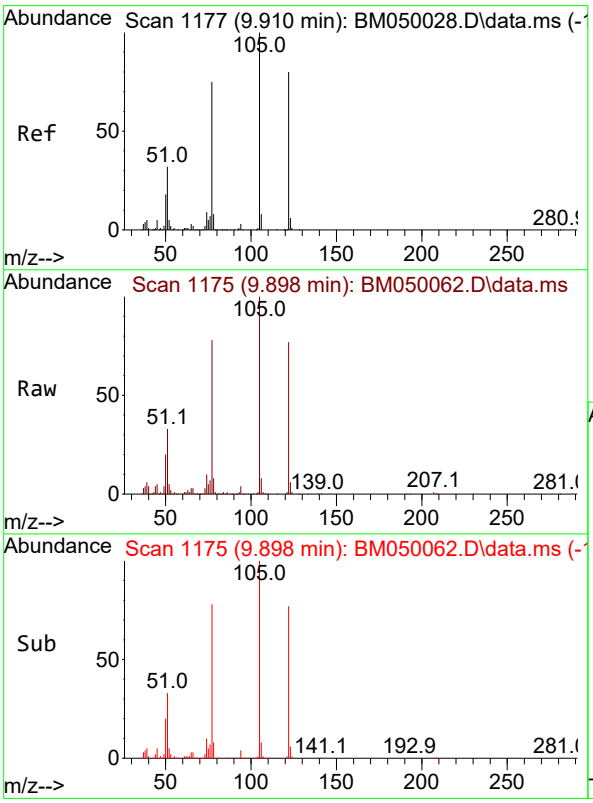
#31
Naphthalene
Concen: 42.897 ng
RT: 10.592 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 2368369

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.0	10.4	15.6

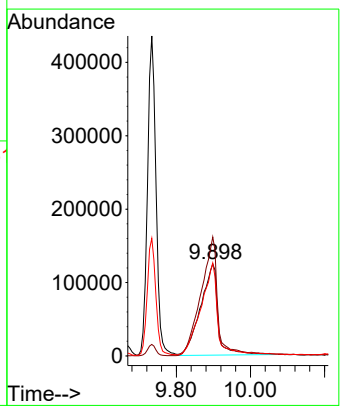


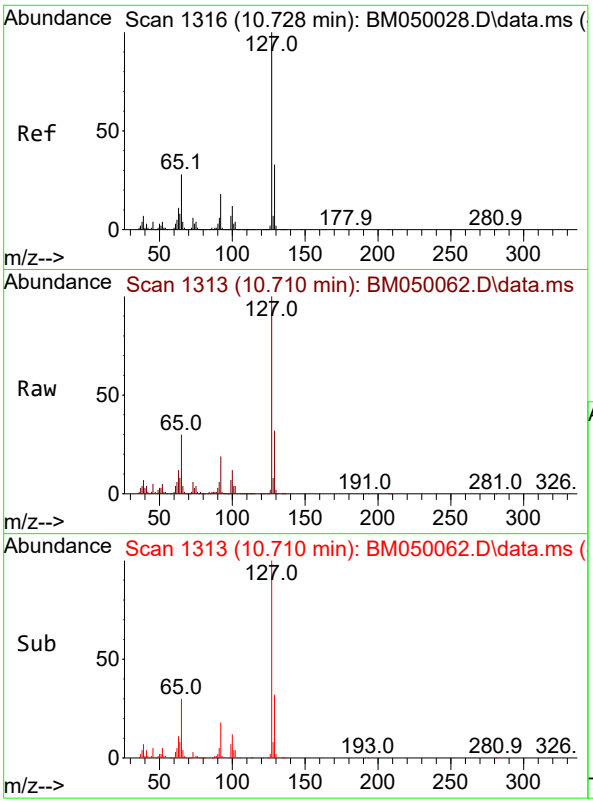


#32
Benzoic acid
Concen: 39.188 ng
RT: 9.898 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:122 Resp: 406206

Ion	Ratio	Lower	Upper
122	100		
105	129.5	103.6	143.6
77	101.1	73.7	113.7



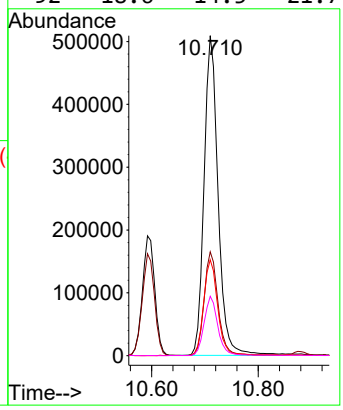


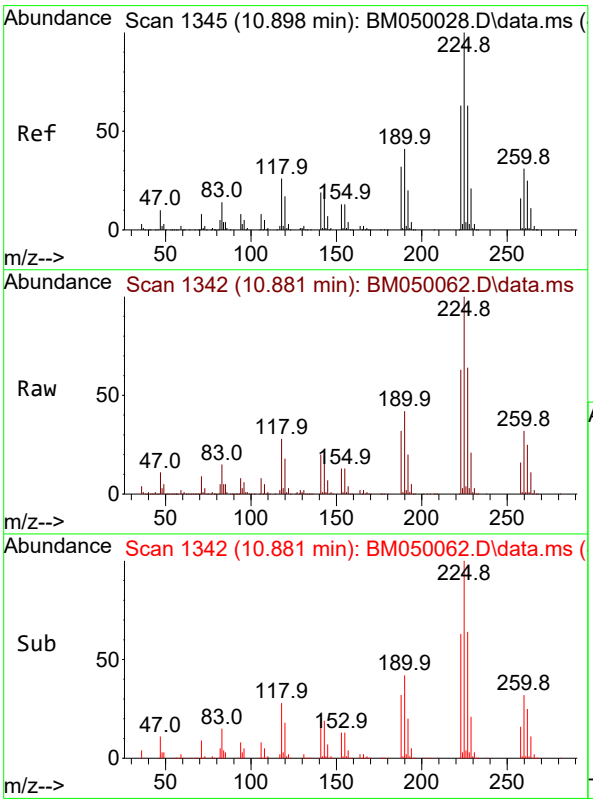
#33
4-Chloroaniline
Concen: 41.048 ng
RT: 10.710 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 928926

Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	29.9	22.5	33.7
92	18.6	14.5	21.7

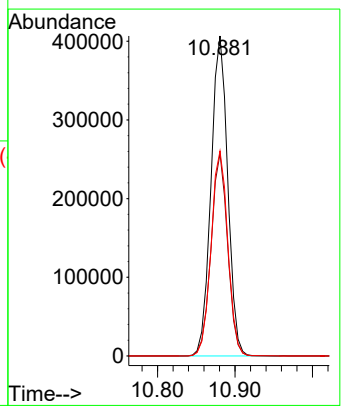


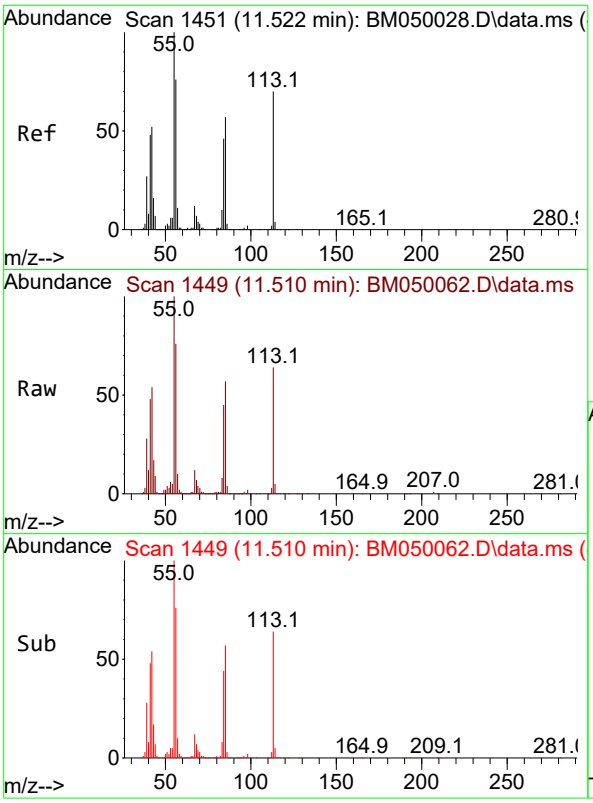


#34
Hexachlorobutadiene
Concen: 43.347 ng
RT: 10.881 min Scan# 1342
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:225 Resp: 608678

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.2	75.2
227	64.1	50.6	76.0



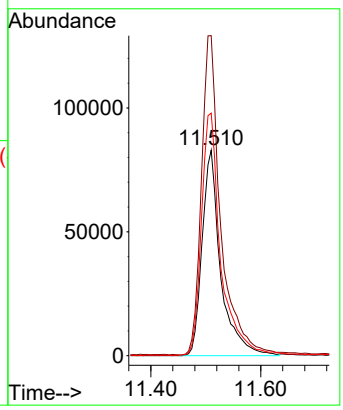


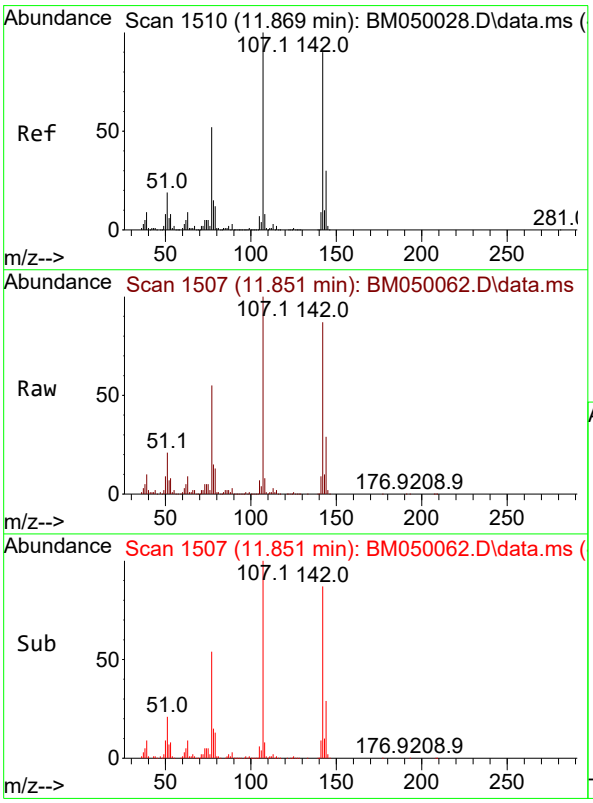
#35
Caprolactam
Concen: 36.708 ng
RT: 11.510 min Scan# 14
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 194333

Ion	Ratio	Lower	Upper
113	100		
55	155.7	122.9	162.9
56	118.1	88.1	128.1

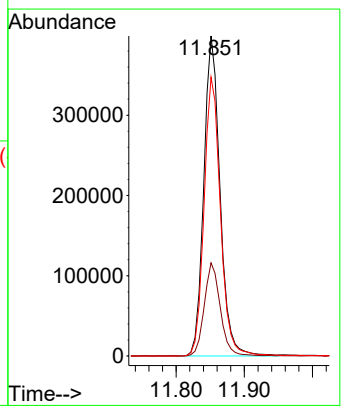


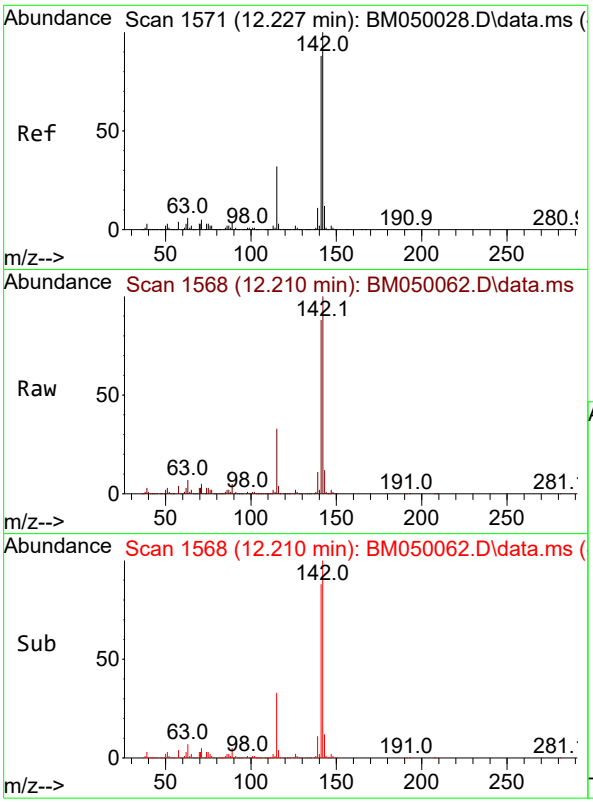


#36
4-Chloro-3-methylphenol
Concen: 39.405 ng
RT: 11.851 min Scan# 1507
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:107 Resp: 661004

Ion	Ratio	Lower	Upper
107	100		
144	29.1	23.8	35.6
142	87.1	71.9	107.9



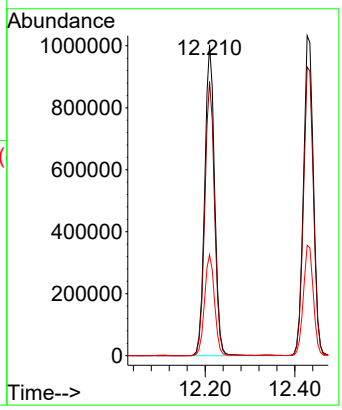


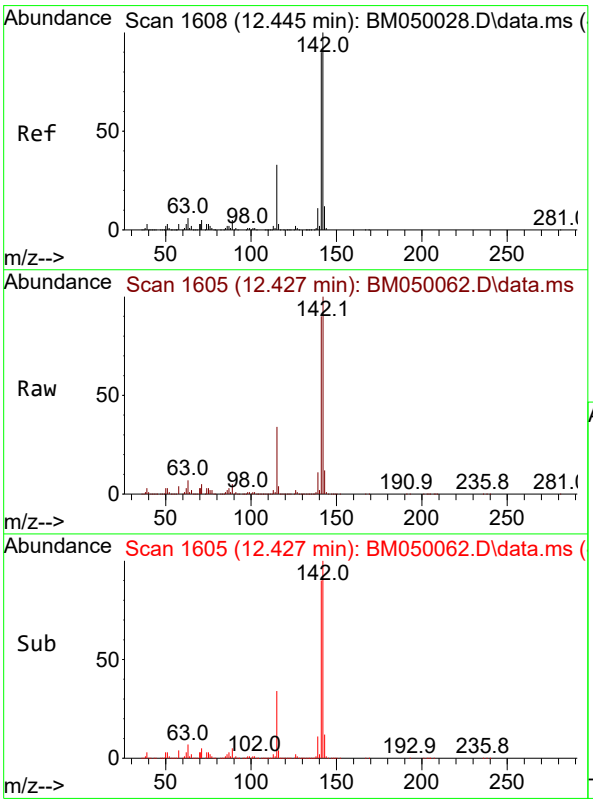
#37
2-Methylnaphthalene
Concen: 41.142 ng
RT: 12.210 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 1522915

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.4	105.6
115	32.5	25.4	38.2

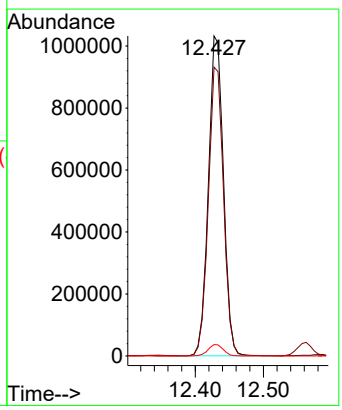


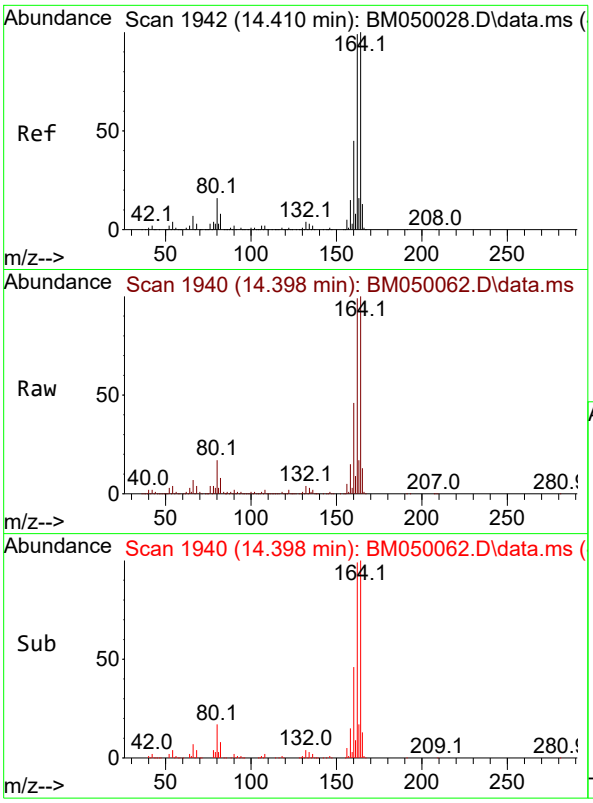


#38
1-Methylnaphthalene
Concen: 40.492 ng
RT: 12.427 min Scan# 1605
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:142 Resp: 1586181

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.1	108.1
116	3.6	2.7	4.1



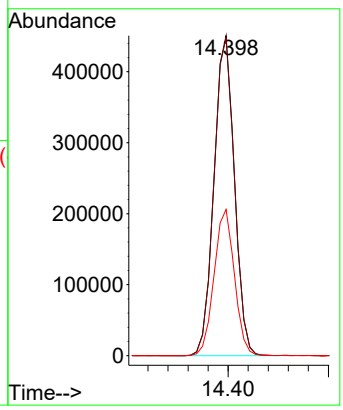


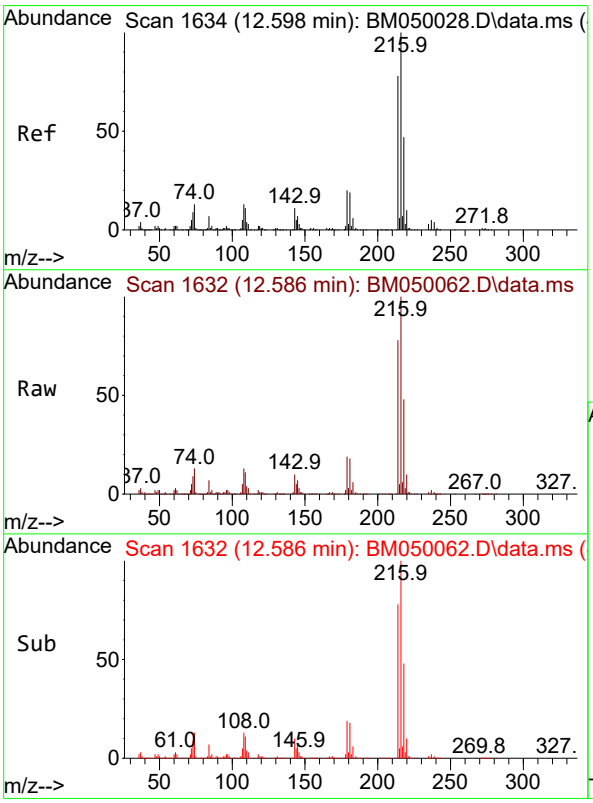
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 636680

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.4	119.0
160	45.7	36.2	54.4

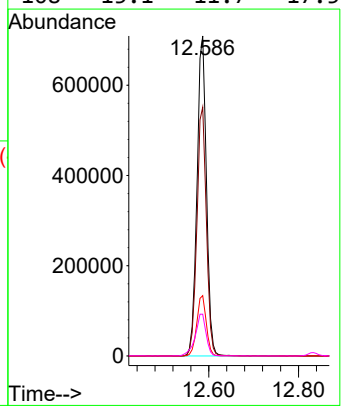


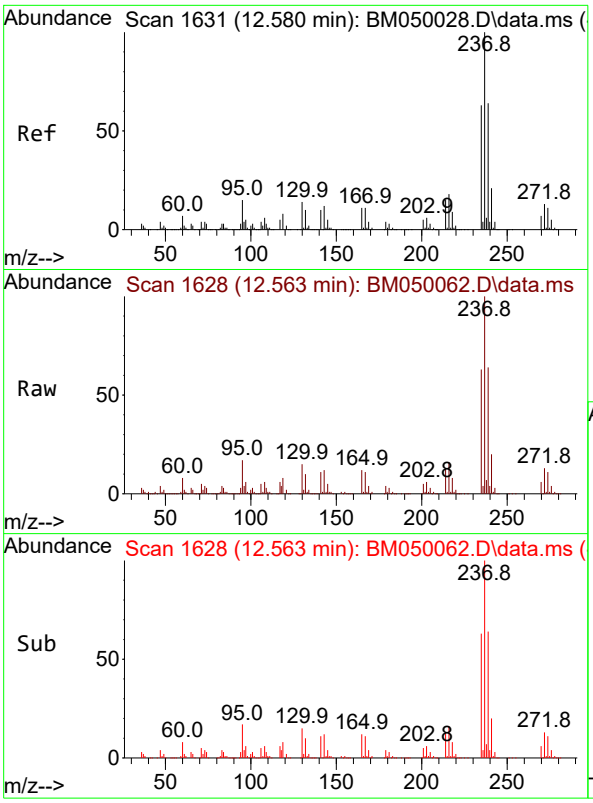


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.936 ng
RT: 12.586 min Scan# 1632
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:216 Resp: 1034474

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.3	93.5
179	19.1	15.4	23.0
108	15.1	11.7	17.5



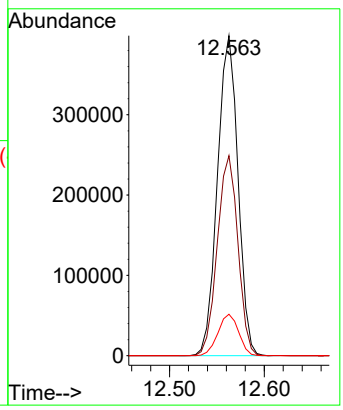


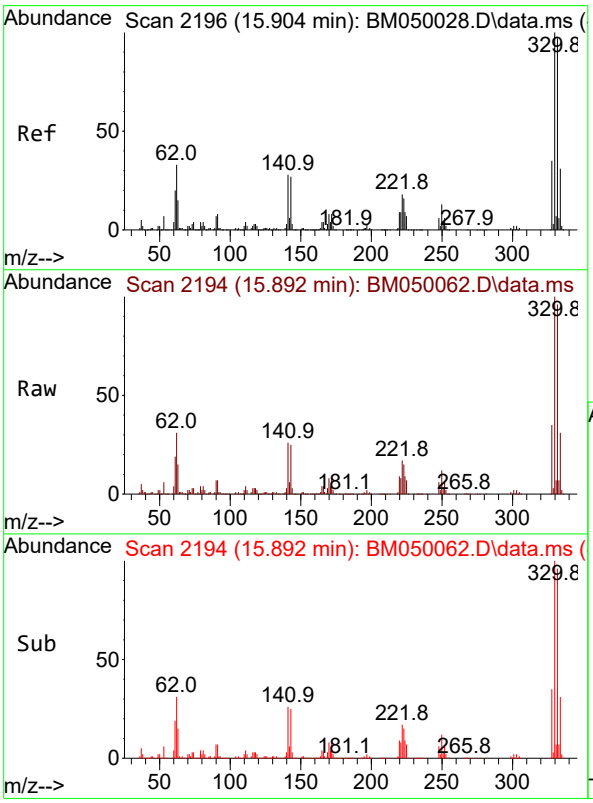
#41
Hexachlorocyclopentadiene
Concen: 44.616 ng
RT: 12.563 min Scan# 1
Delta R.T. -0.017 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 600946

Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.9	82.9
272	12.9	0.0	32.9

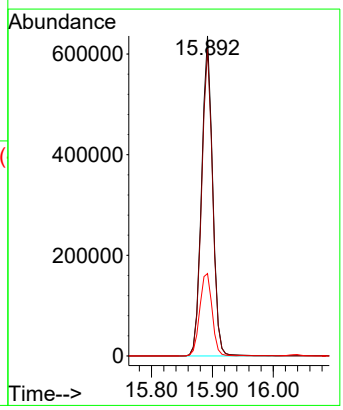


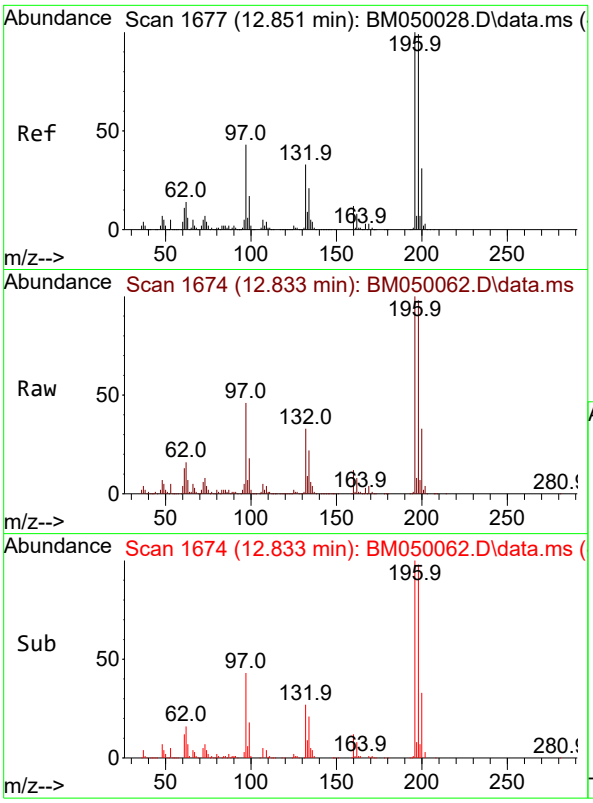


#42
2,4,6-Tribromophenol
Concen: 84.547 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:330 Resp: 795940

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	29.0	22.5	33.7



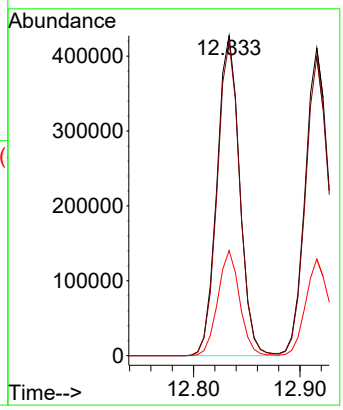


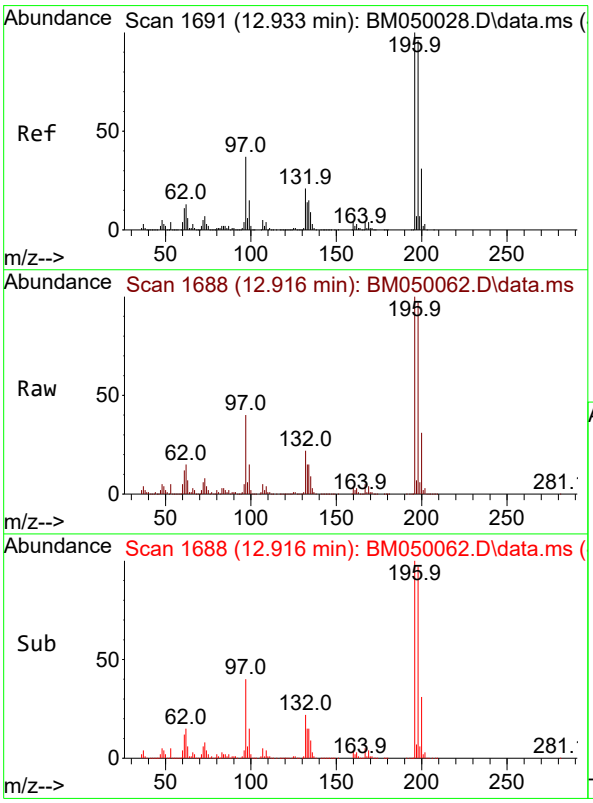
#43
2,4,6-Trichlorophenol
Concen: 45.172 ng
RT: 12.833 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 631478

Ion	Ratio	Lower	Upper
196	100		
198	98.2	79.0	118.6
200	32.9	25.1	37.7

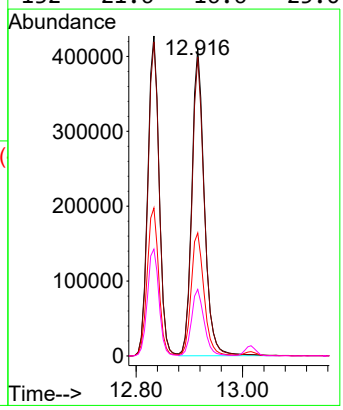


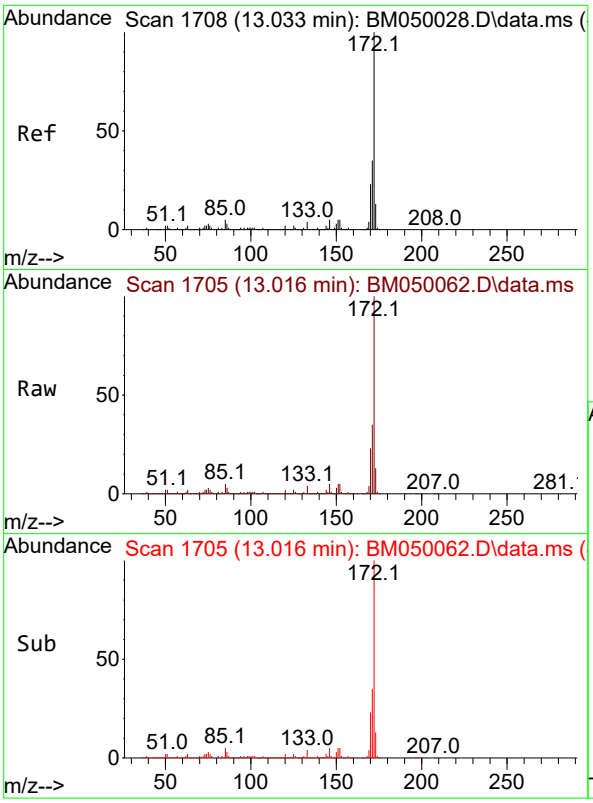


#44
2,4,5-Trichlorophenol
Concen: 44.577 ng
RT: 12.916 min Scan# 1688
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:196 Resp: 671975

Ion	Ratio	Lower	Upper
196	100		
198	97.2	76.7	115.1
97	40.0	30.1	45.1
132	21.6	16.6	25.0



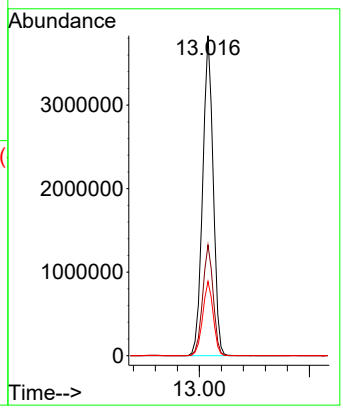


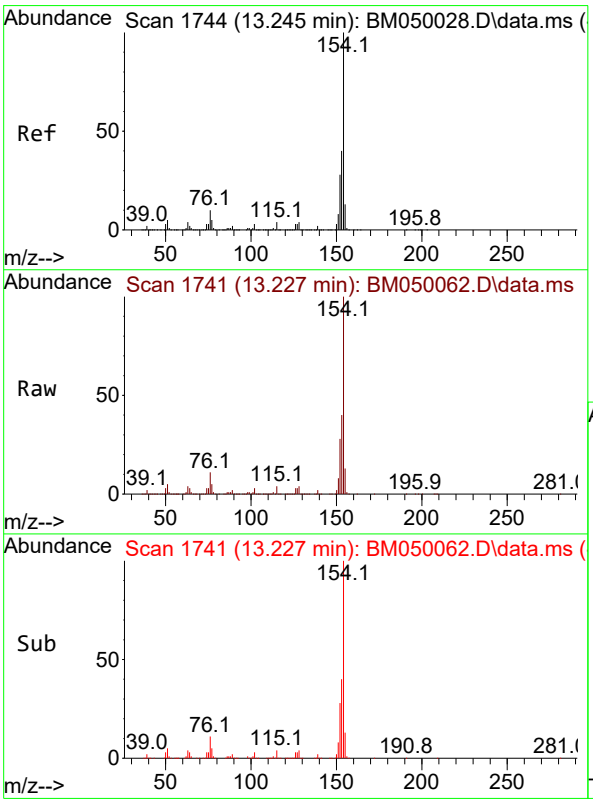
#45
2-Fluorobiphenyl
Concen: 94.461 ng
RT: 13.016 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 5083891

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.2	18.6	28.0

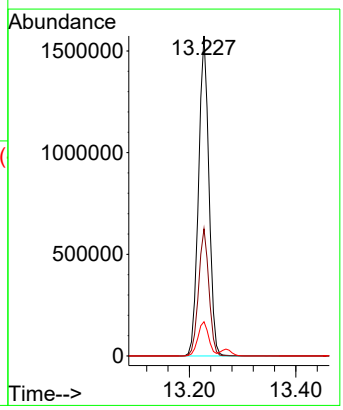


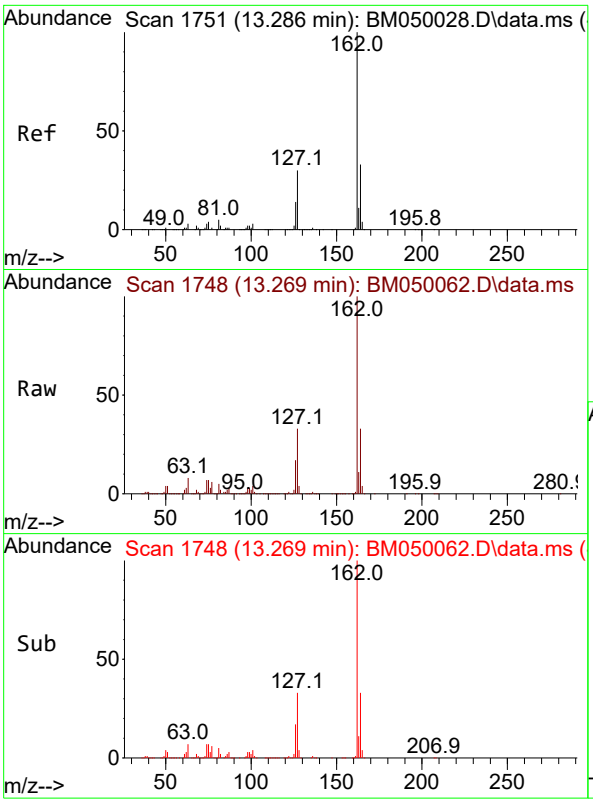


#46
1,1'-Biphenyl
Concen: 45.044 ng
RT: 13.227 min Scan# 1741
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:154 Resp: 2131816

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.0	60.0
76	10.7	0.0	30.3



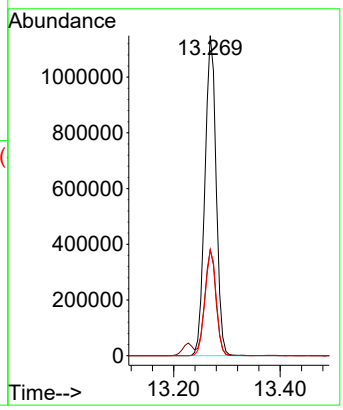


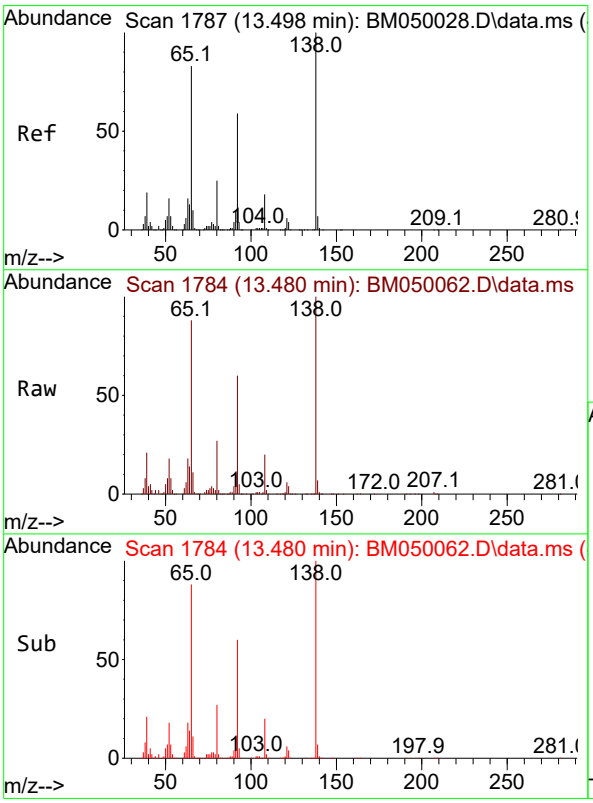
#47
2-Chloronaphthalene
Concen: 44.927 ng
RT: 13.269 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1684006

Ion	Ratio	Lower	Upper
162	100		
127	33.1	25.9	38.9
164	33.1	26.6	40.0

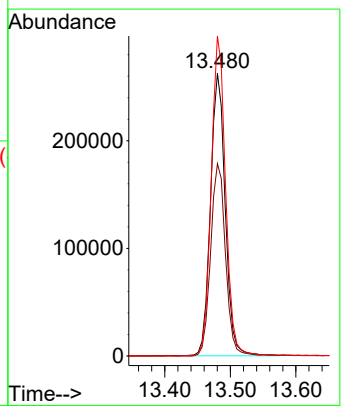


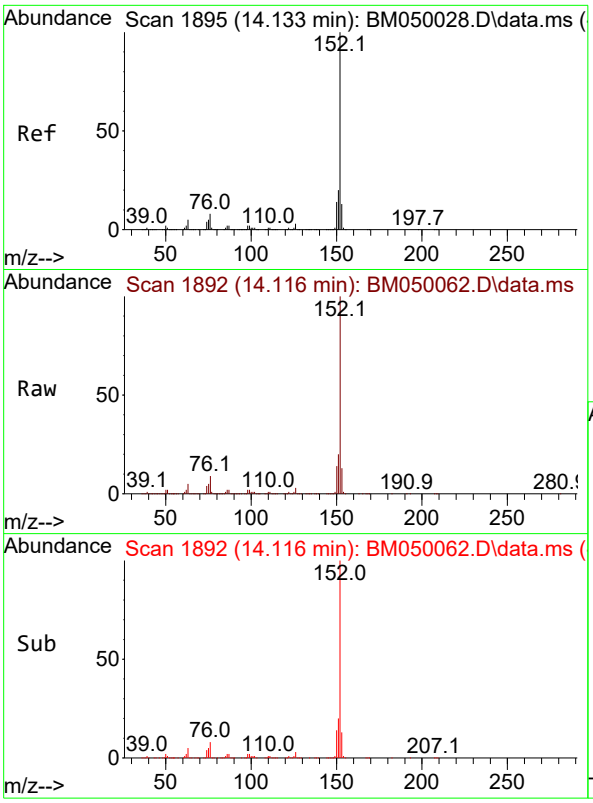


#48
2-Nitroaniline
Concen: 46.607 ng
RT: 13.480 min Scan# 1784
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion: 65 Resp: 410017

Ion	Ratio	Lower	Upper
65	100		
92	68.0	57.1	85.7
138	113.1	97.0	145.4



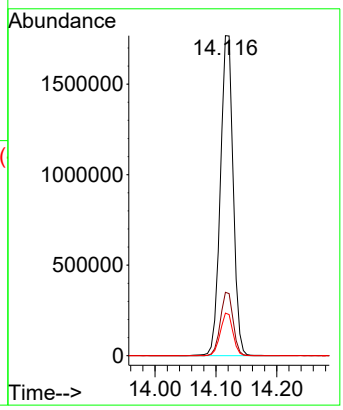


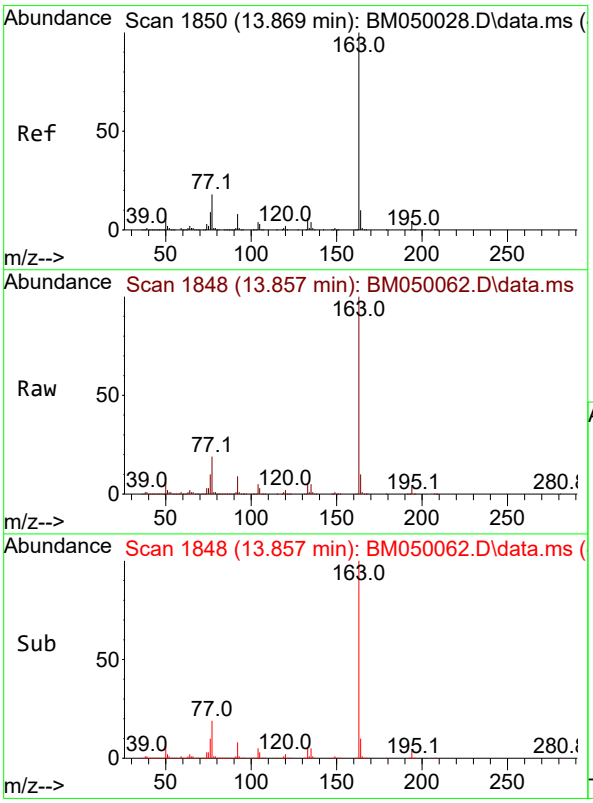
#49
Acenaphthylene
Concen: 43.552 ng
RT: 14.116 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 2573916

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.3	10.6	15.8

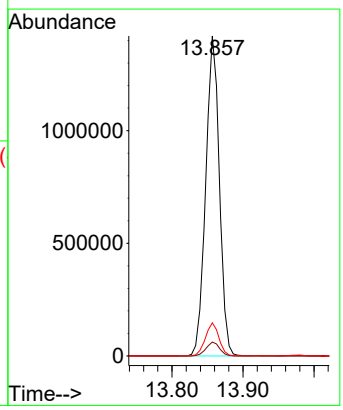


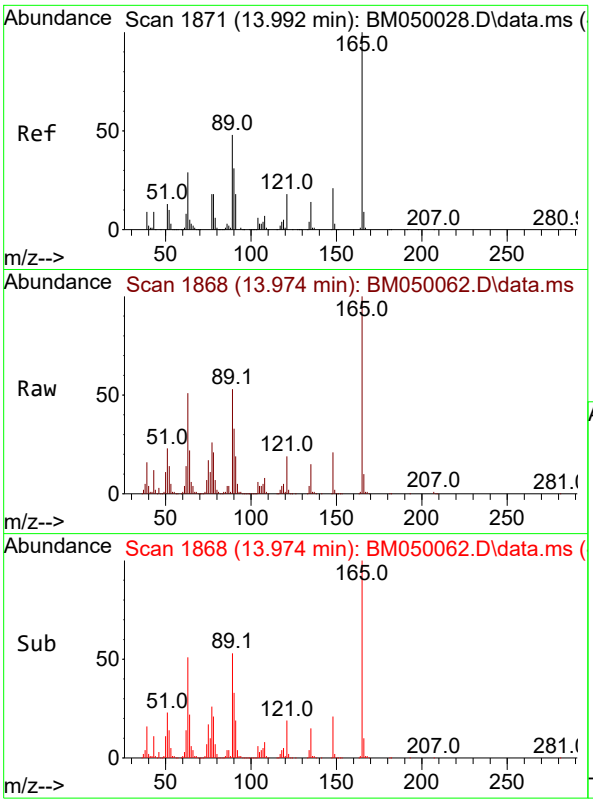


#50
Dimethylphthalate
Concen: 40.885 ng
RT: 13.857 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:163 Resp: 1902354

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.3	8.2	12.2



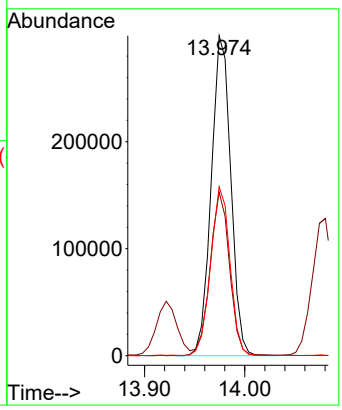


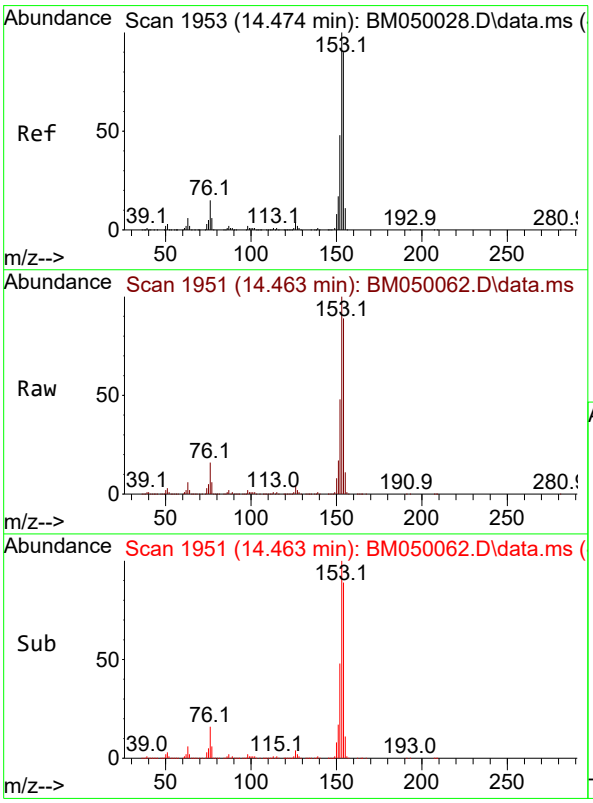
#51
2,6-Dinitrotoluene
Concen: 42.111 ng
RT: 13.974 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 405683

Ion	Ratio	Lower	Upper
165	100		
63	51.1	35.1	52.7
89	52.8	38.4	57.6

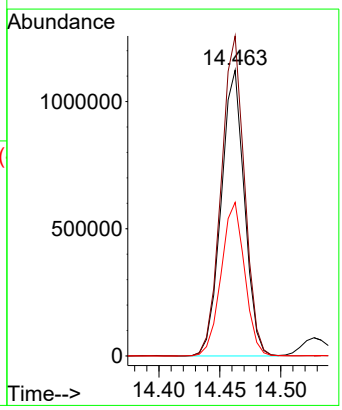


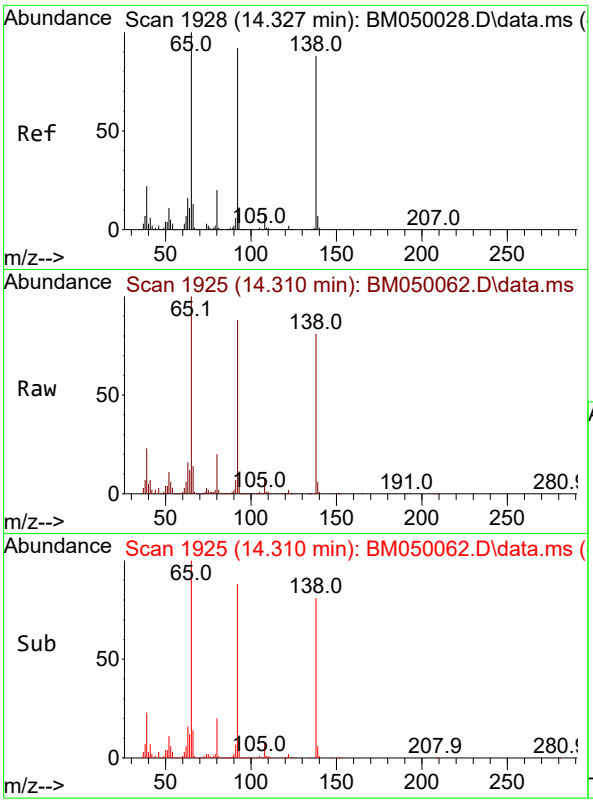


#52
Acenaphthene
Concen: 43.665 ng
RT: 14.463 min Scan# 1951
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:154 Resp: 1493734

Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.0	133.4
152	53.7	43.0	64.6



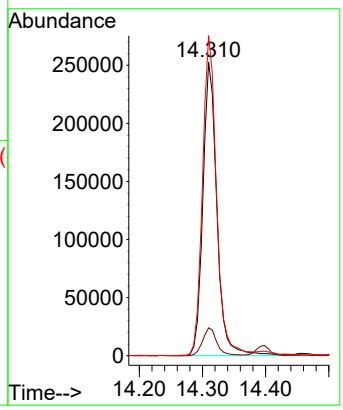


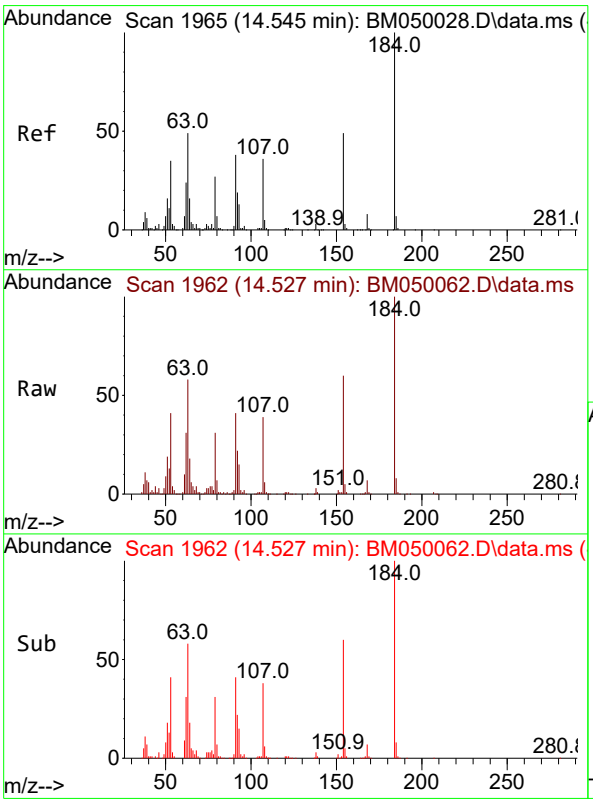
#53
3-Nitroaniline
Concen: 42.458 ng
RT: 14.310 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 390509

Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.4	11.2
92	109.0	84.0	126.0

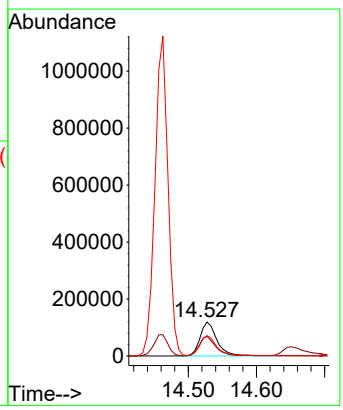


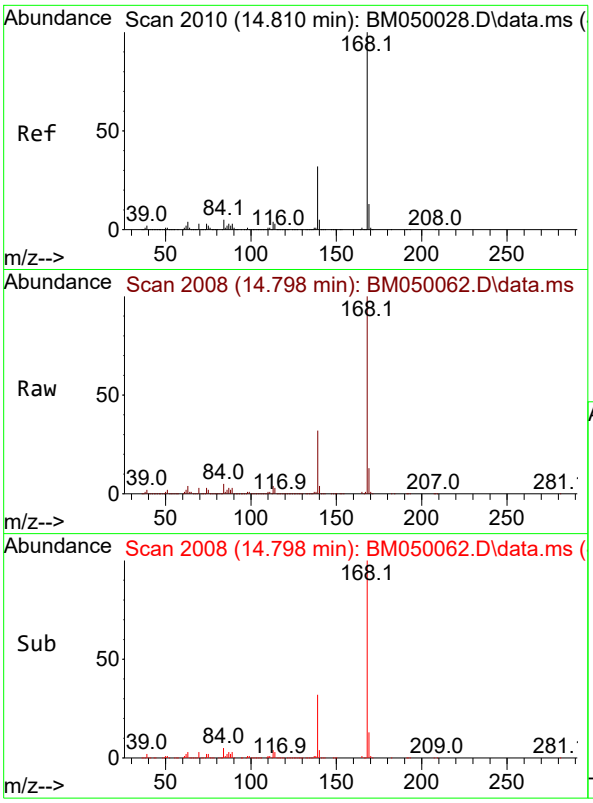


#54
2,4-Dinitrophenol
Concen: 36.611 ng
RT: 14.527 min Scan# 1962
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:184 Resp: 205027

Ion	Ratio	Lower	Upper
184	100		
63	58.0	39.8	59.6
154	60.0	46.1	69.1



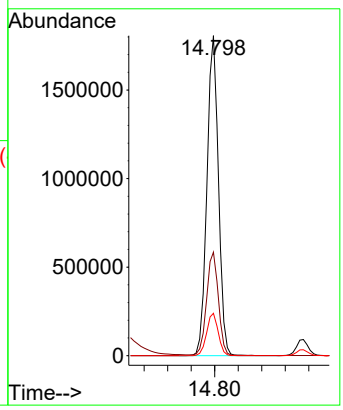


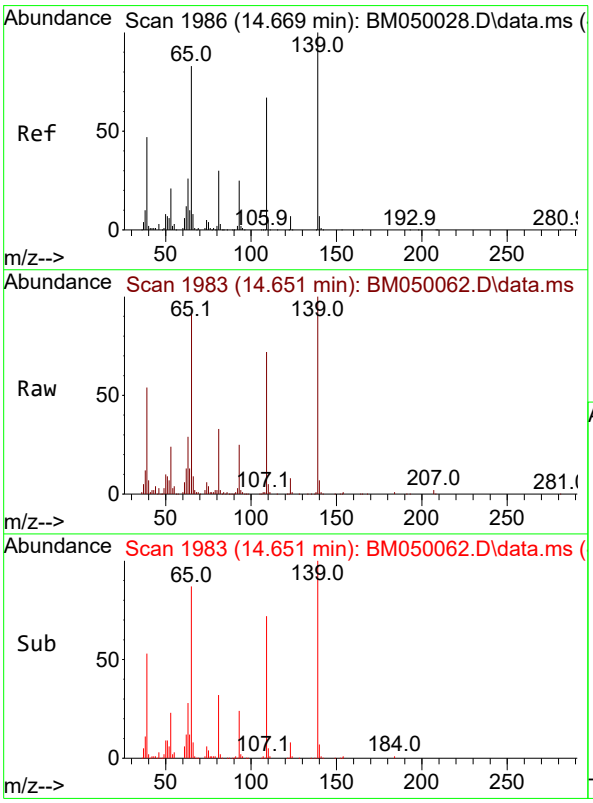
#55
Dibenzofuran
Concen: 42.931 ng
RT: 14.798 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 2443491

Ion	Ratio	Lower	Upper
168	100		
139	32.4	26.1	39.1
169	13.3	10.8	16.2

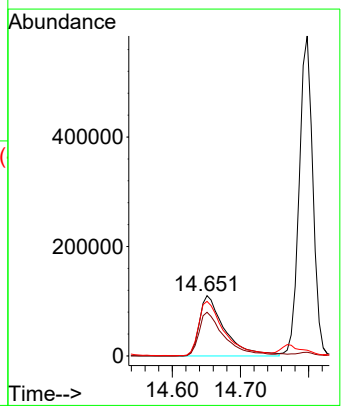


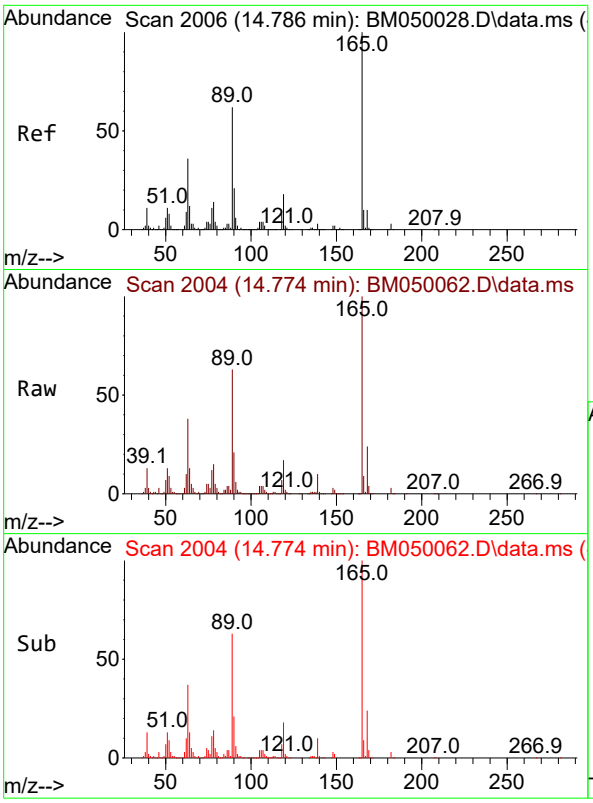


#56
4-Nitrophenol
Concen: 40.165 ng
RT: 14.651 min Scan# 1983
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:139 Resp: 282631

Ion	Ratio	Lower	Upper
139	100		
109	72.4	47.0	87.0
65	90.6	64.3	104.3



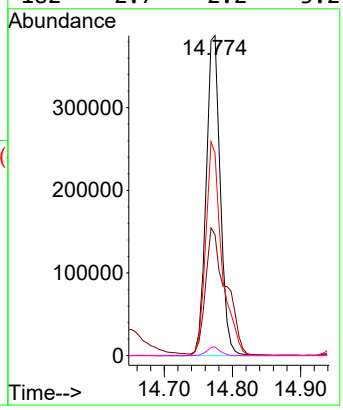


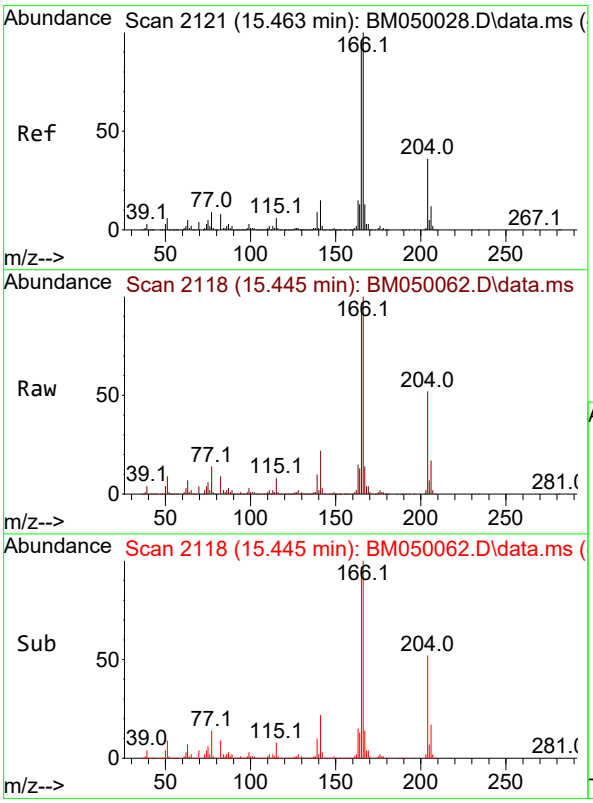
#57
2,4-Dinitrotoluene
Concen: 41.948 ng
RT: 14.774 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 558403

Ion	Ratio	Lower	Upper
165	100		
63	37.7	29.0	43.6
89	63.2	49.4	74.2
182	2.7	2.2	3.2

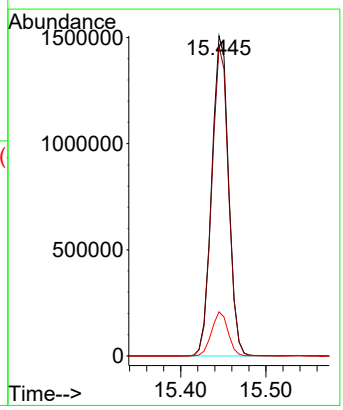


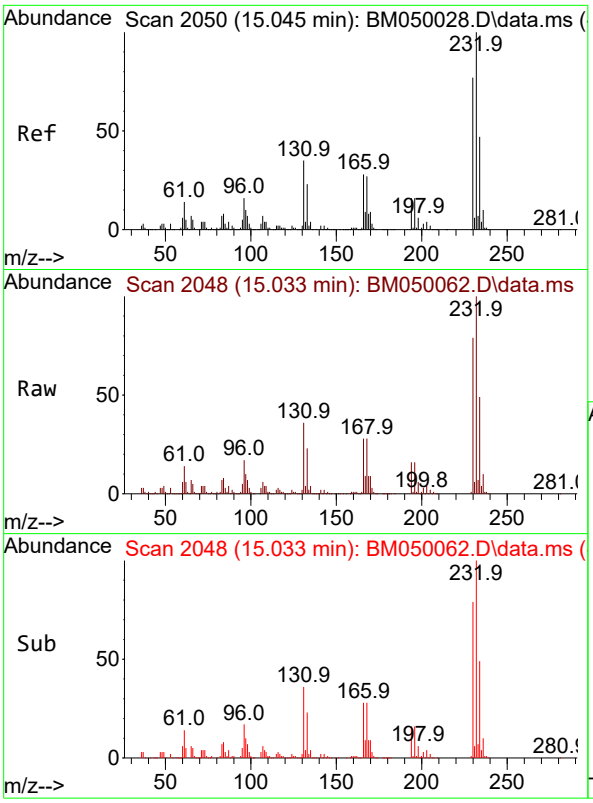


#58
Fluorene
Concen: 44.327 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:166 Resp: 2065086

Ion	Ratio	Lower	Upper
166	100		
165	96.8	76.6	115.0
167	13.8	10.6	16.0



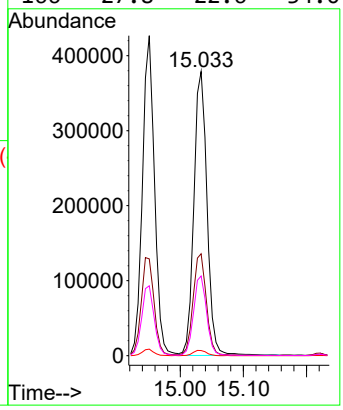


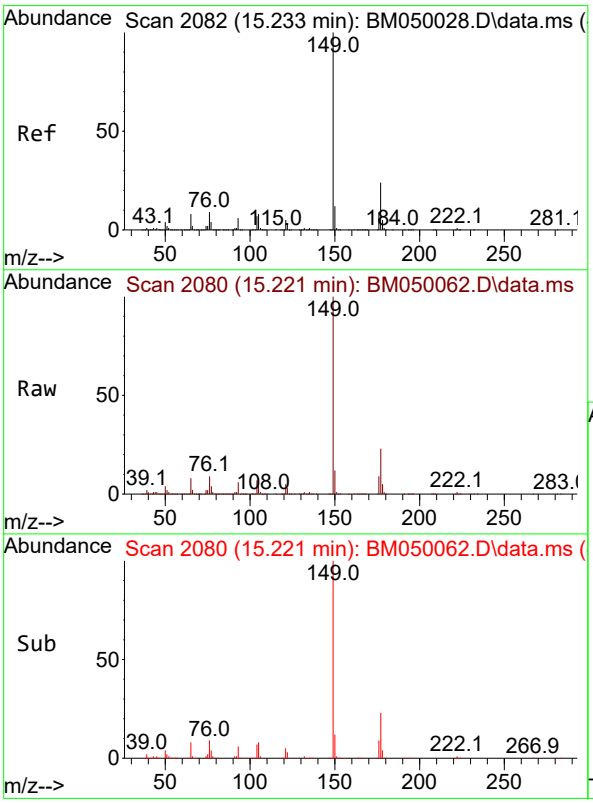
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.828 ng
RT: 15.033 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 545793

Ion	Ratio	Lower	Upper
232	100		
131	36.4	28.2	42.4
130	1.9	1.5	2.3
166	27.8	22.6	34.0

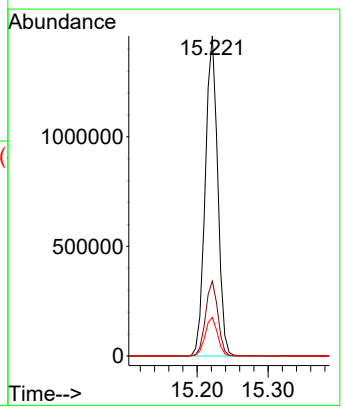


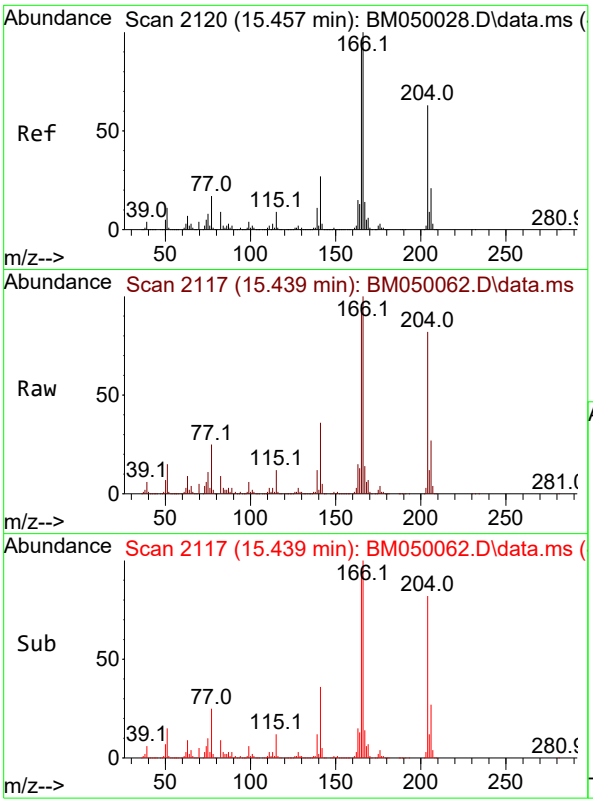


#60
Diethylphthalate
Concen: 40.589 ng
RT: 15.221 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:149 Resp: 1779559

Ion	Ratio	Lower	Upper
149	100		
177	23.4	19.1	28.7
150	12.1	9.6	14.4



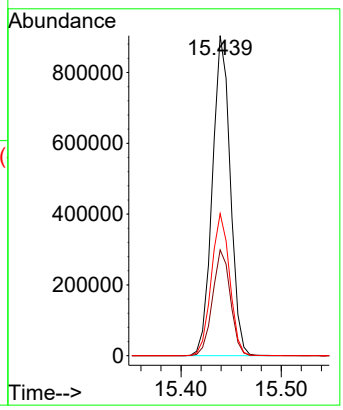


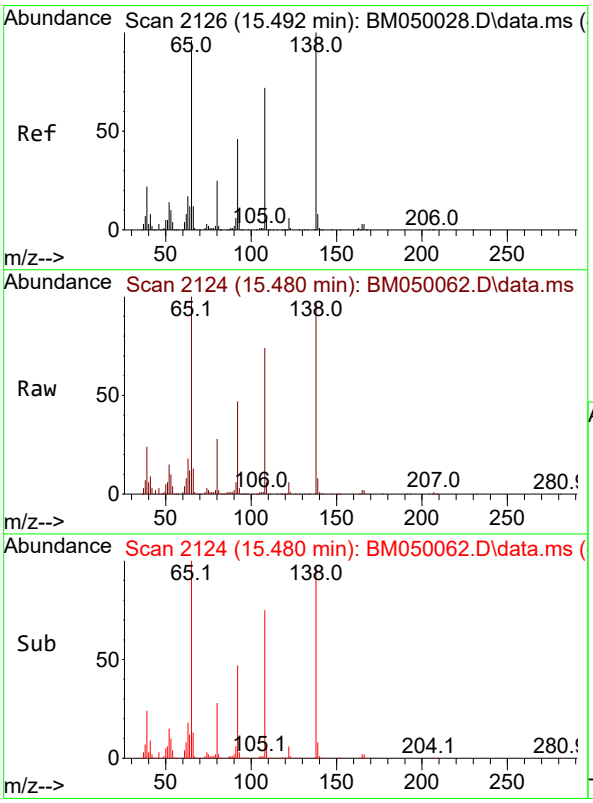
#61
4-Chlorophenyl-phenylether
Concen: 43.832 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 1121604

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.3	39.5
141	44.4	34.0	51.0

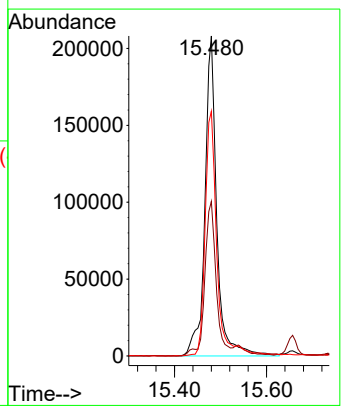


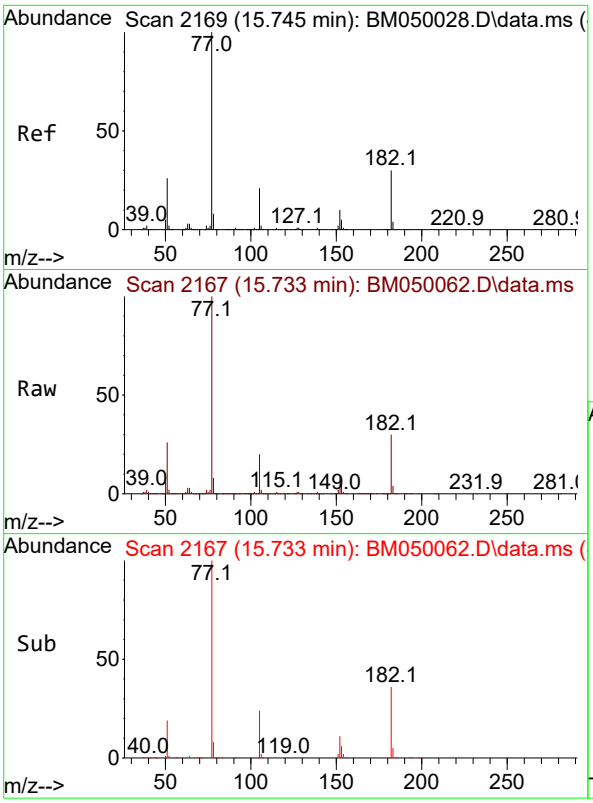


#62
4-Nitroaniline
Concen: 42.437 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:138 Resp: 376575

Ion	Ratio	Lower	Upper
138	100		
92	48.3	25.9	65.9
108	76.4	52.4	92.4



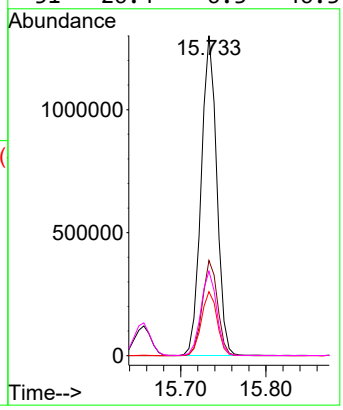


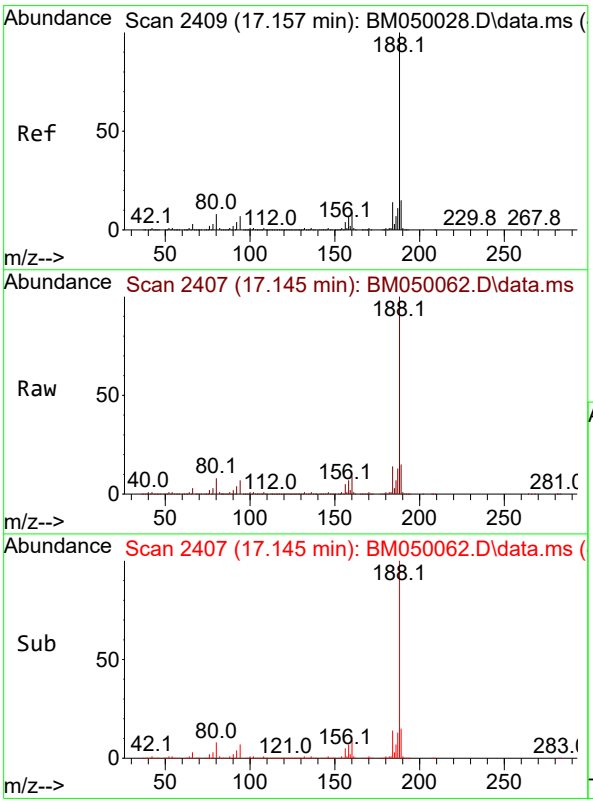
#63
Azobenzene
Concen: 44.796 ng
RT: 15.733 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1645970

Ion	Ratio	Lower	Upper
77	100		
182	29.8	10.5	50.5
105	20.0	1.1	41.1
51	26.4	6.3	46.3

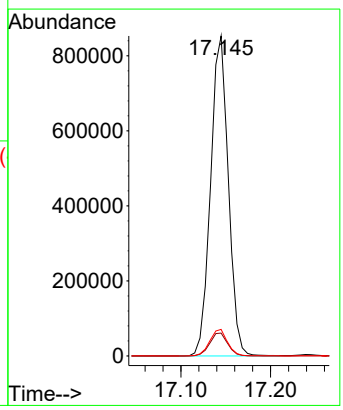


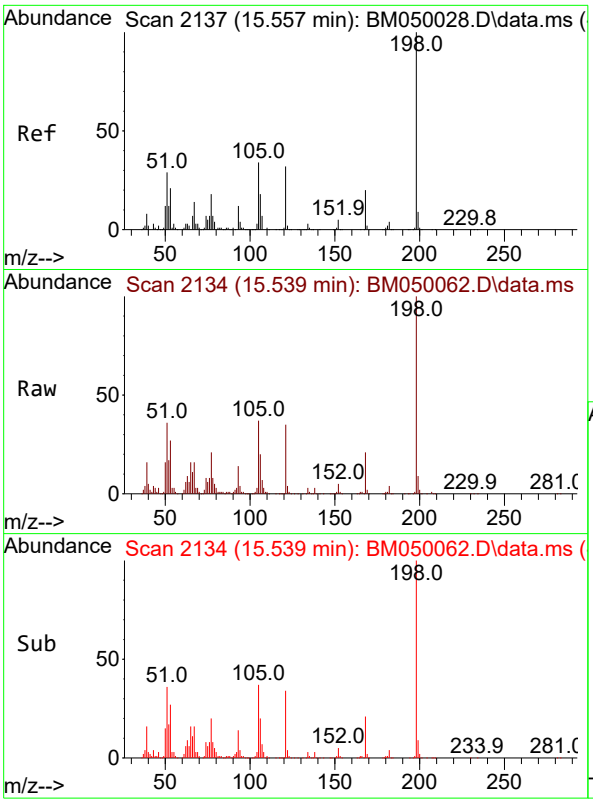


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:188 Resp: 1171488

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	8.3	6.2	9.4



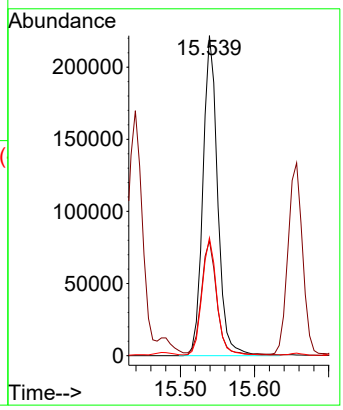


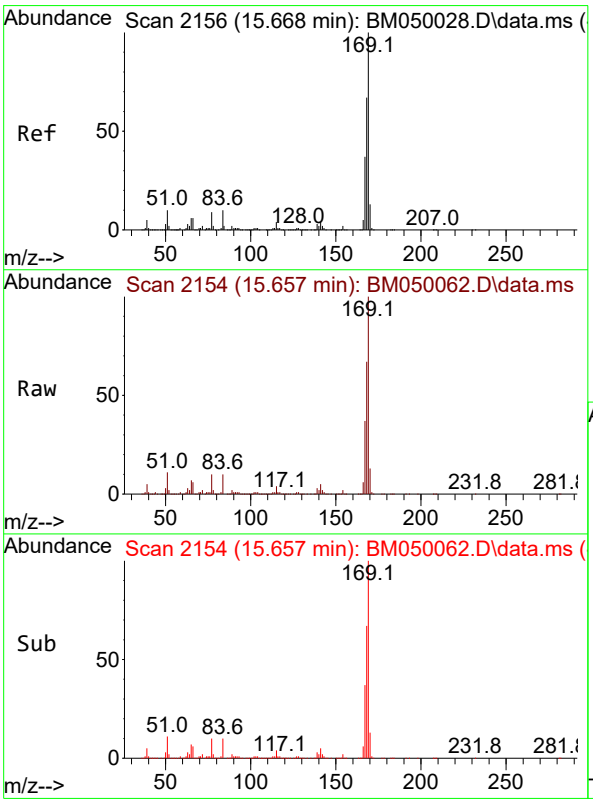
#65
4,6-Dinitro-2-methylphenol
Concen: 41.909 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 307321

Ion	Ratio	Lower	Upper
198	100		
51	35.9	10.4	50.4
105	36.8	14.6	54.6

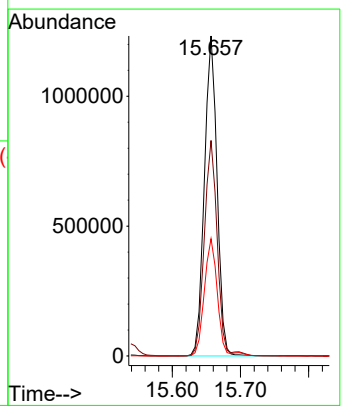


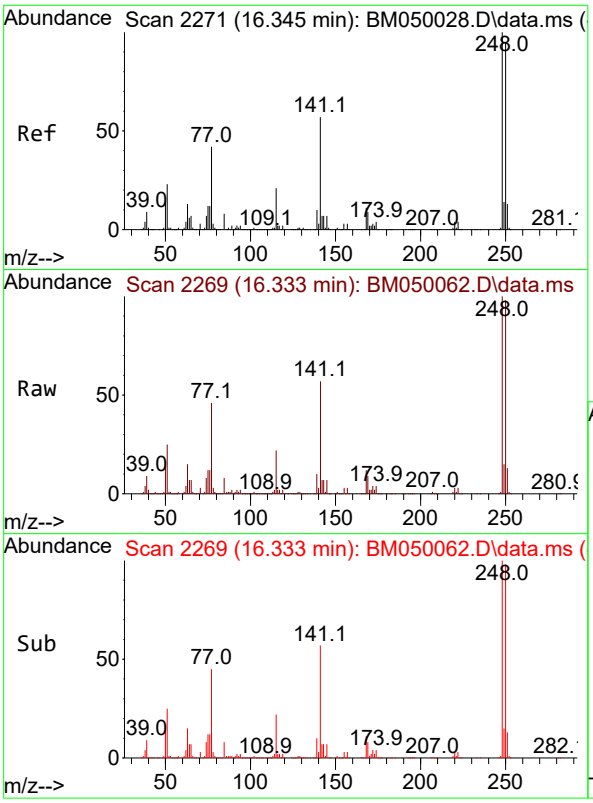


#66
n-Nitrosodiphenylamine
Concen: 44.430 ng
RT: 15.657 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:169 Resp: 1598289

Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.4	80.2
167	36.7	29.4	44.0



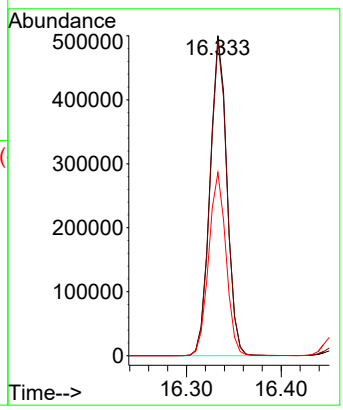


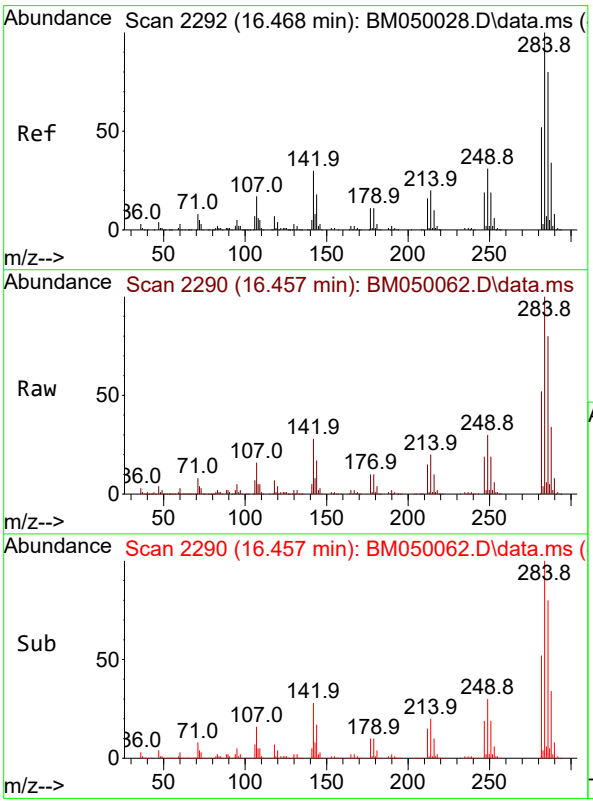
#67
4-Bromophenyl-phenylether
Concen: 43.643 ng
RT: 16.333 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 618264

Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.2	114.2
141	57.3	45.9	68.9

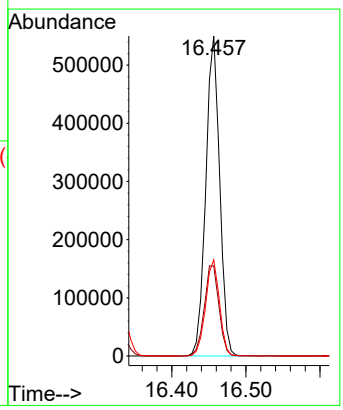


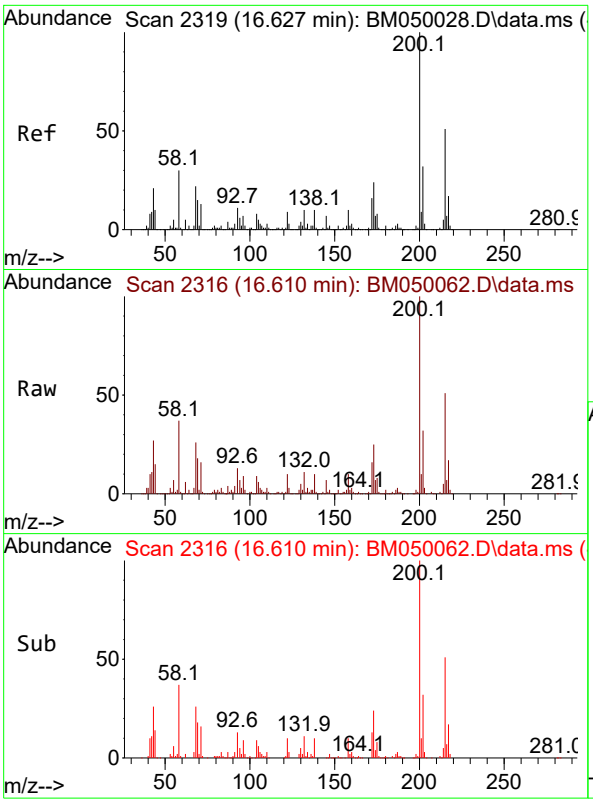


#68
Hexachlorobenzene
Concen: 43.718 ng
RT: 16.457 min Scan# 2290
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:284 Resp: 713913

Ion	Ratio	Lower	Upper
284	100		
142	28.1	23.9	35.9
249	30.0	24.5	36.7



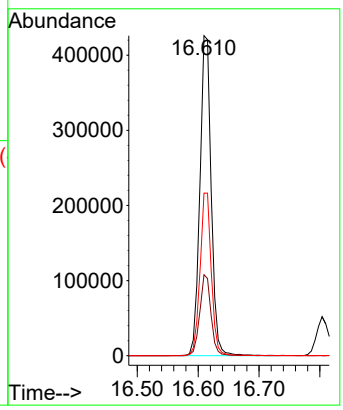


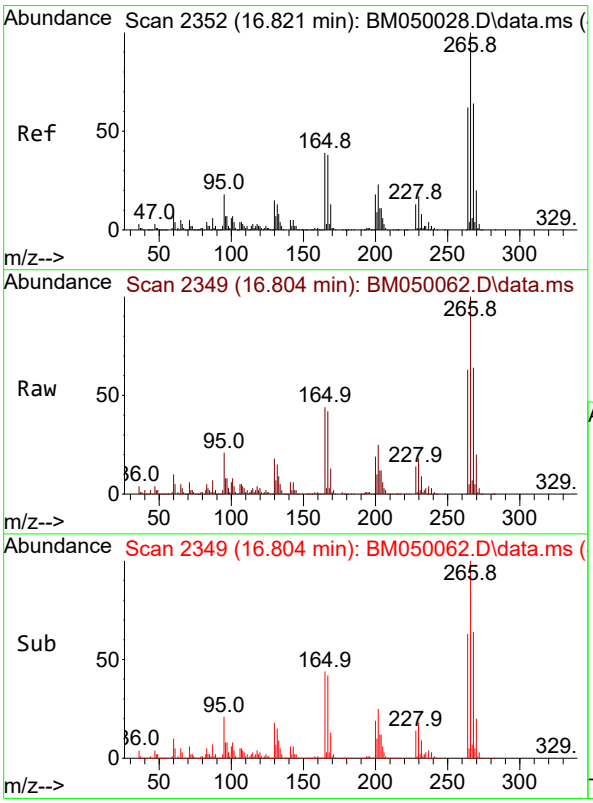
#69
Atrazine
Concen: 42.423 ng
RT: 16.610 min Scan# 2
Delta R.T. -0.017 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 550481

Ion	Ratio	Lower	Upper
200	100		
173	25.3	4.3	44.3
215	50.8	30.6	70.6

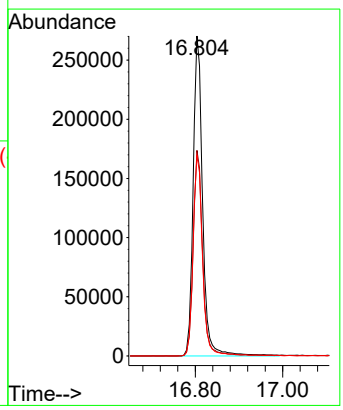


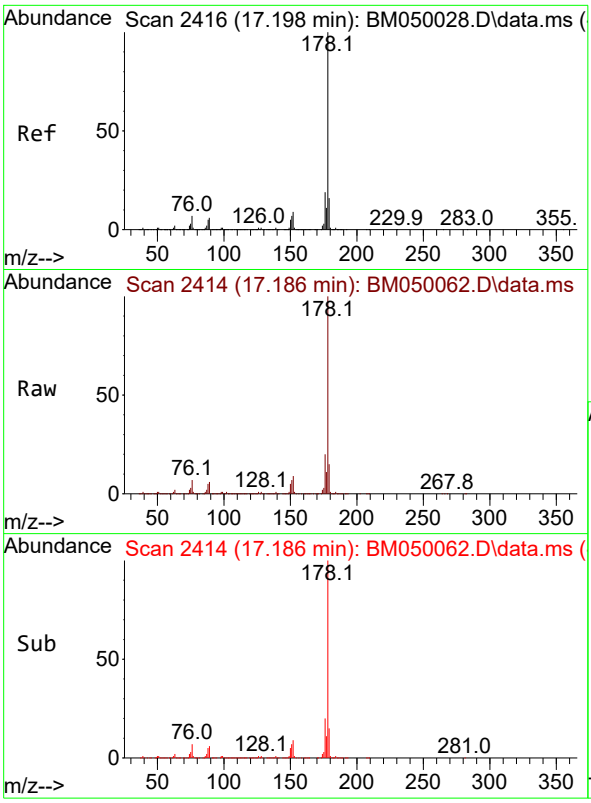


#70
Pentachlorophenol
Concen: 44.419 ng
RT: 16.804 min Scan# 2349
Delta R.T. -0.017 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:266 Resp: 408293

Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.2	76.8
264	62.7	49.6	74.4



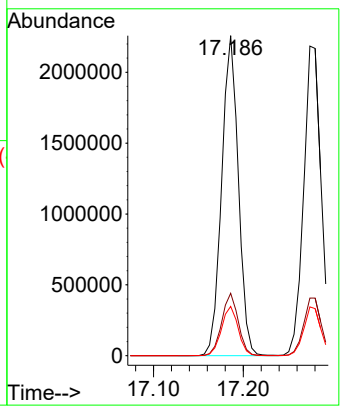


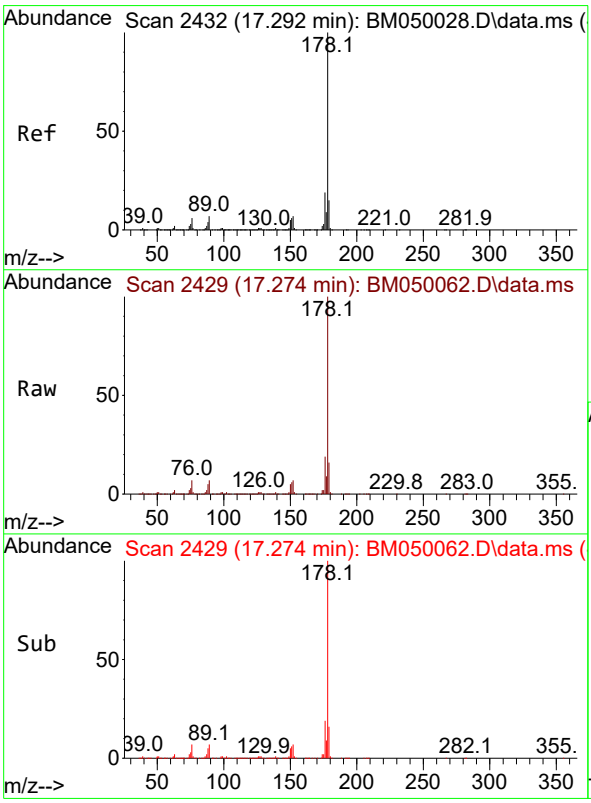
#71
Phenanthrene
Concen: 44.128 ng
RT: 17.186 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 2915695

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.4	12.4	18.6

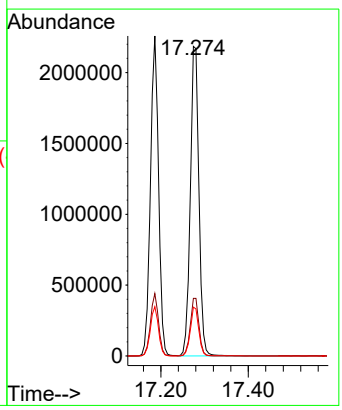


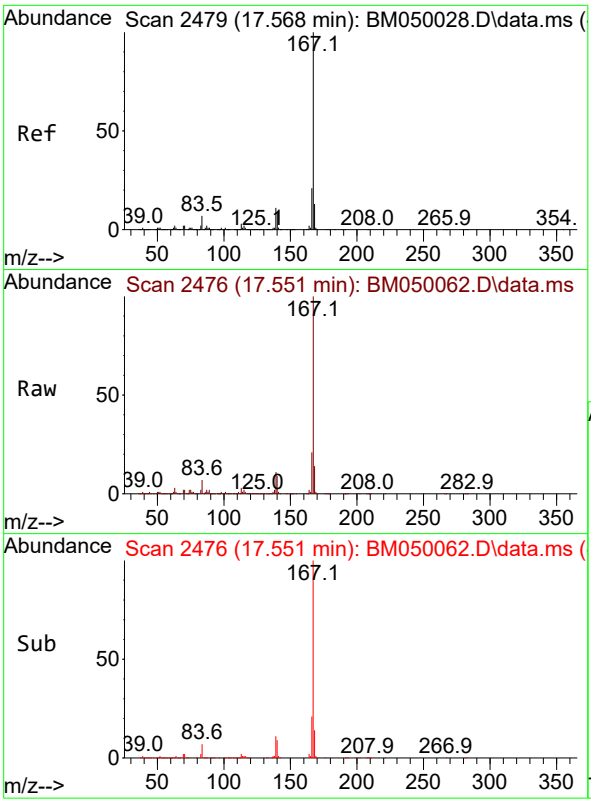


#72
Anthracene
Concen: 44.637 ng
RT: 17.274 min Scan# 2429
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:178 Resp: 2984695

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.8	12.2	18.4



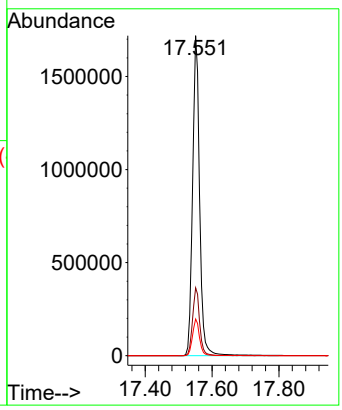


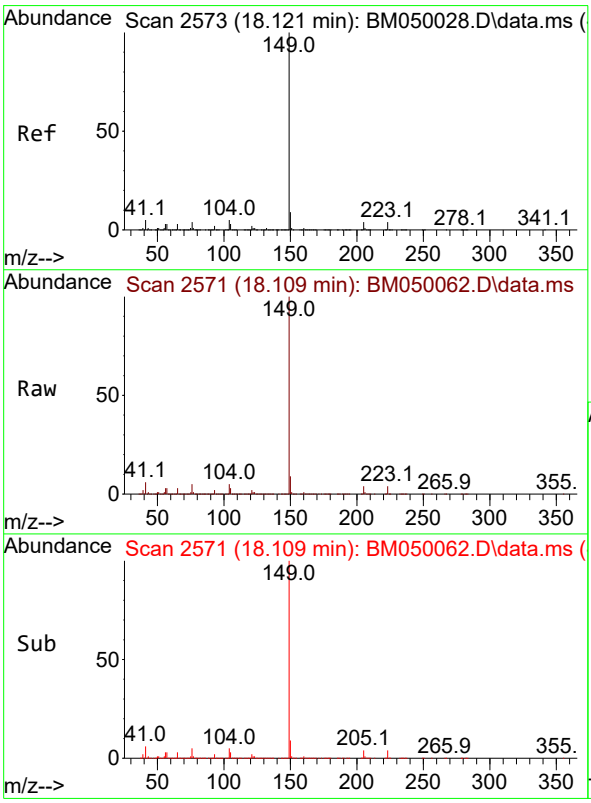
#73
Carbazole
Concen: 43.390 ng
RT: 17.551 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 2517620

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	11.5	9.0	13.6

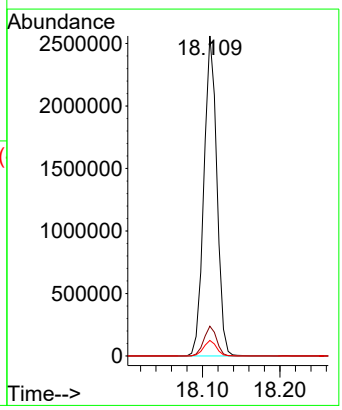


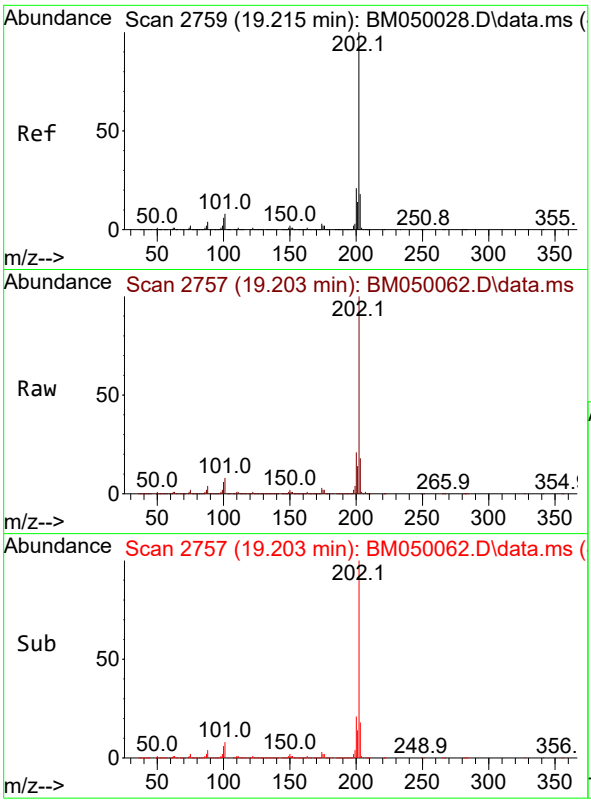


#74
Di-n-butylphthalate
Concen: 42.938 ng
RT: 18.109 min Scan# 2571
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:149 Resp: 2966936

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.9	3.8	5.6



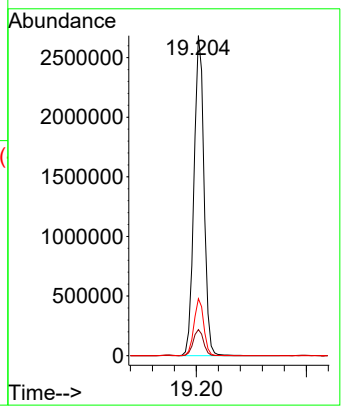


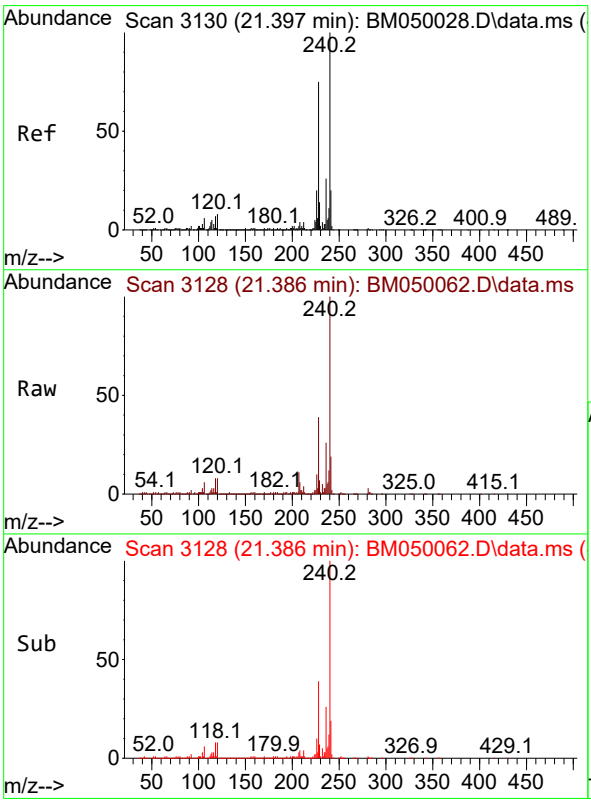
#75
Fluoranthene
Concen: 43.496 ng
RT: 19.203 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 3374127

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	28.0
203	17.8	0.0	37.7

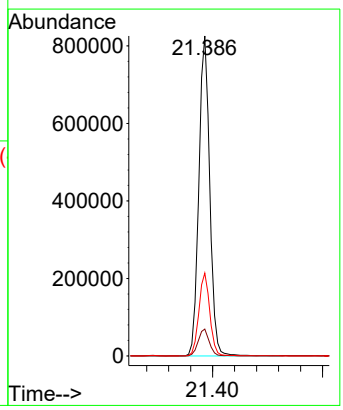


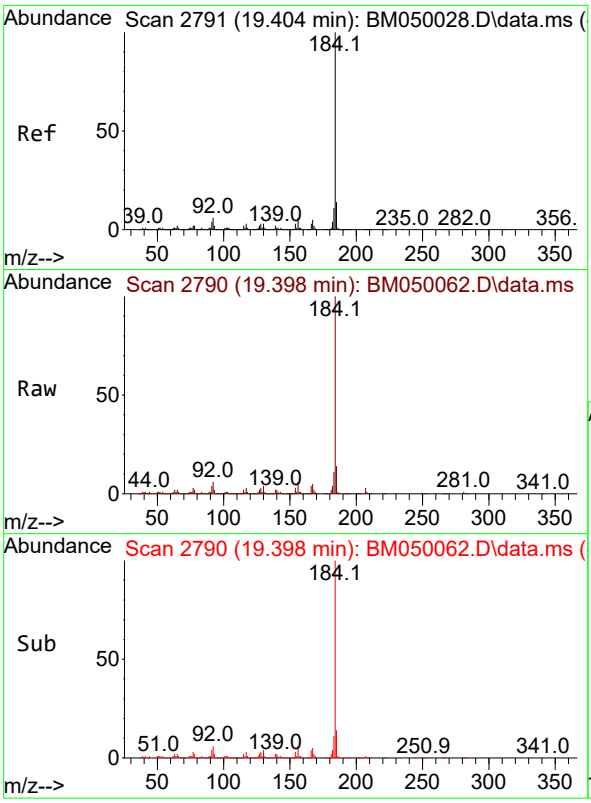


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:240 Resp: 1137064

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.5	9.7
236	25.9	20.9	31.3



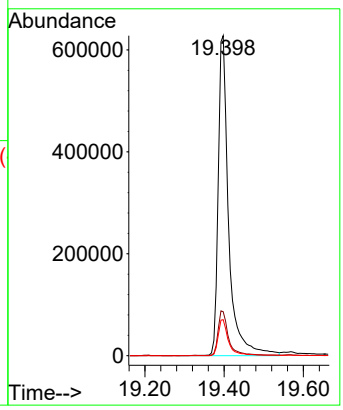


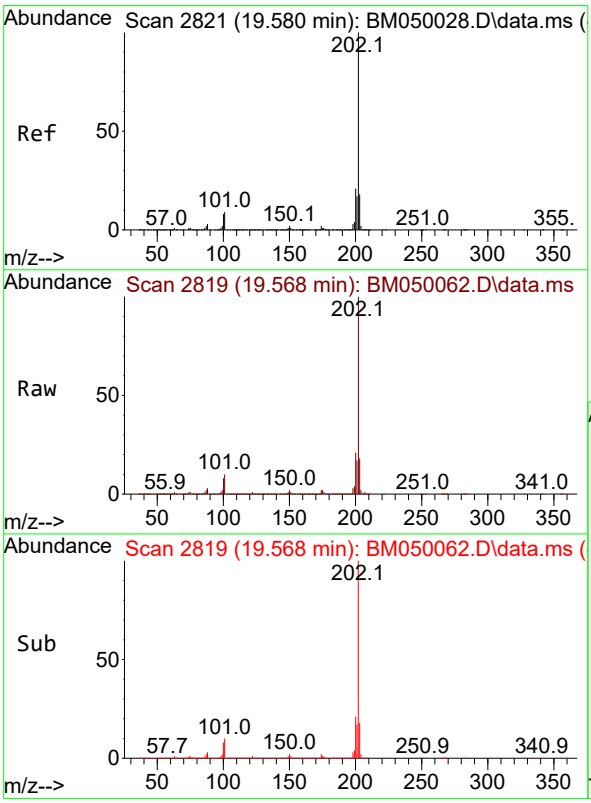
#77
Benzidine
Concen: 28.568 ng
RT: 19.398 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 1153850

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.5	17.3
183	11.3	8.9	13.3

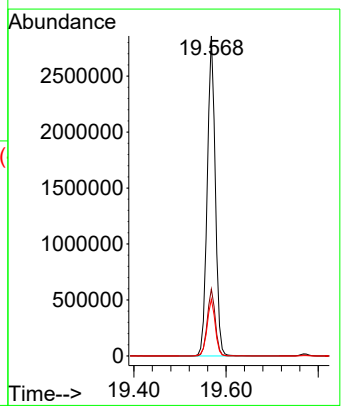


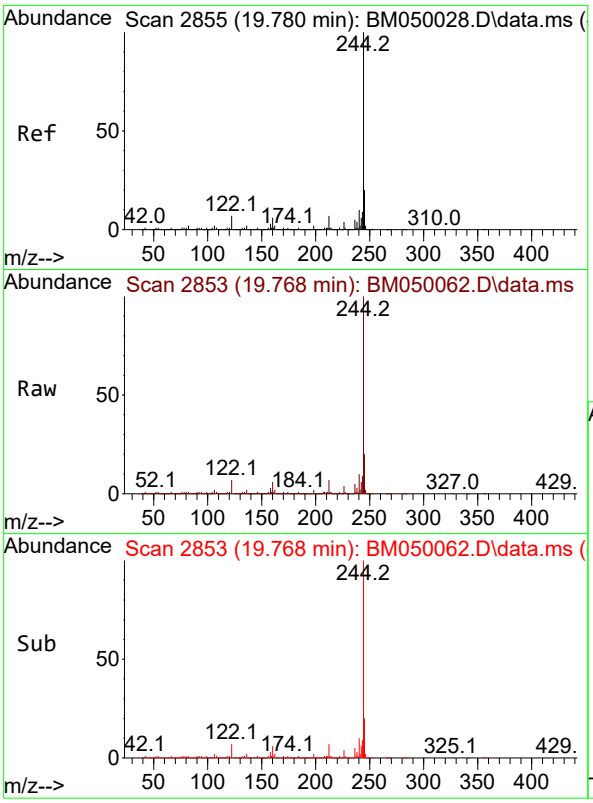


#78
Pyrene
Concen: 43.763 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:202 Resp: 3494418

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.7	14.1	21.1



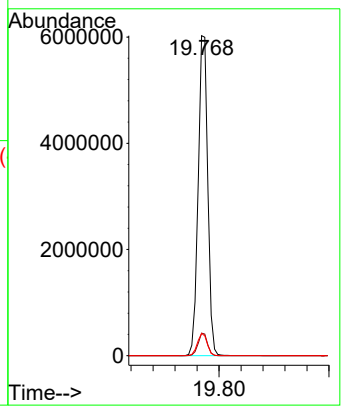


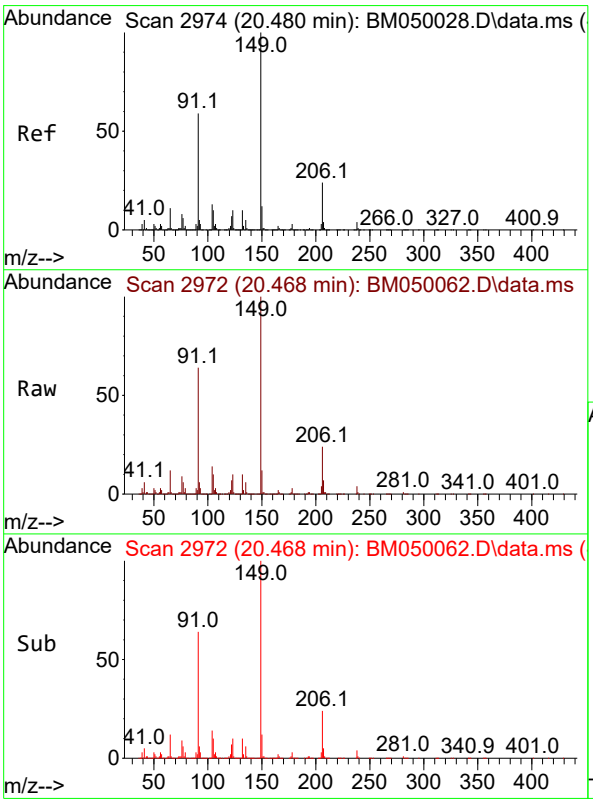
#79
Terphenyl-d14
Concen: 95.048 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 7303717

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	7.0	5.6	8.4

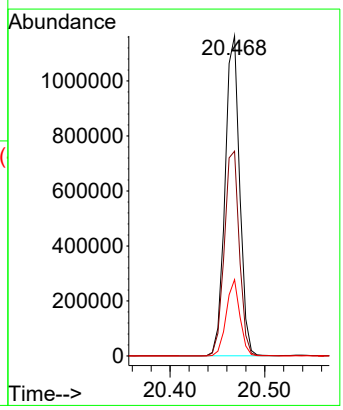


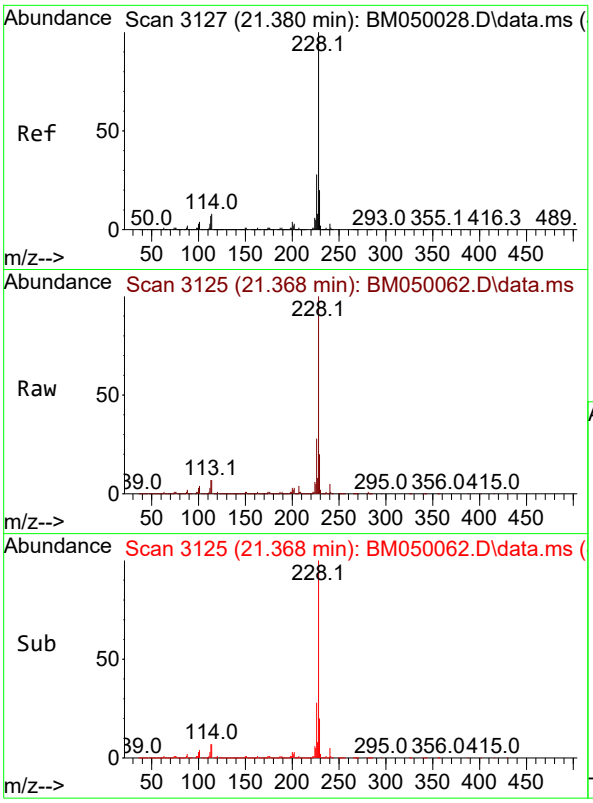


#80
Butylbenzylphthalate
Concen: 41.763 ng
RT: 20.468 min Scan# 2972
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:149 Resp: 1248988

Ion	Ratio	Lower	Upper
149	100		
91	64.0	47.4	71.2
206	23.9	19.4	29.0



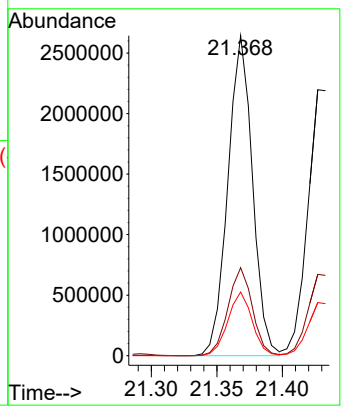


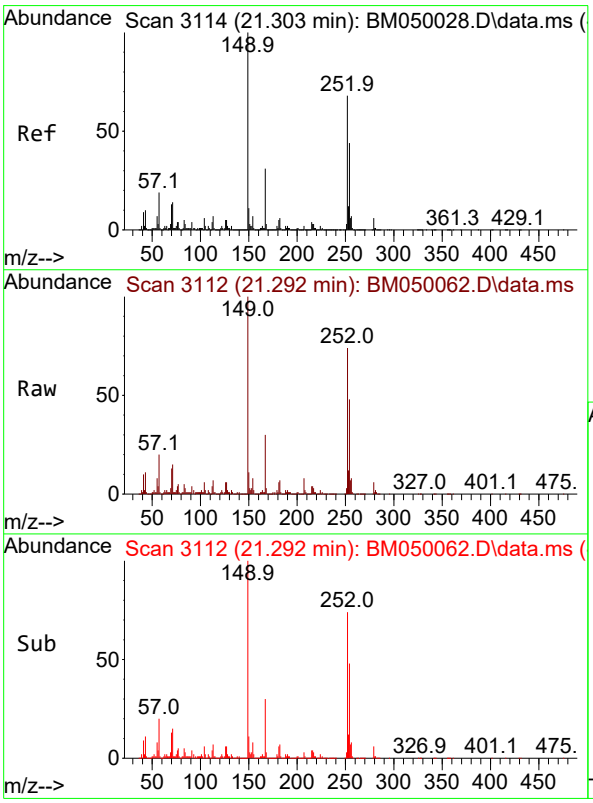
#81
Benzo(a)anthracene
Concen: 44.135 ng
RT: 21.368 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 3455861

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.1	33.1
229	19.9	15.7	23.5

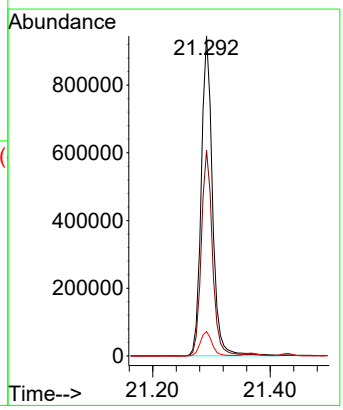


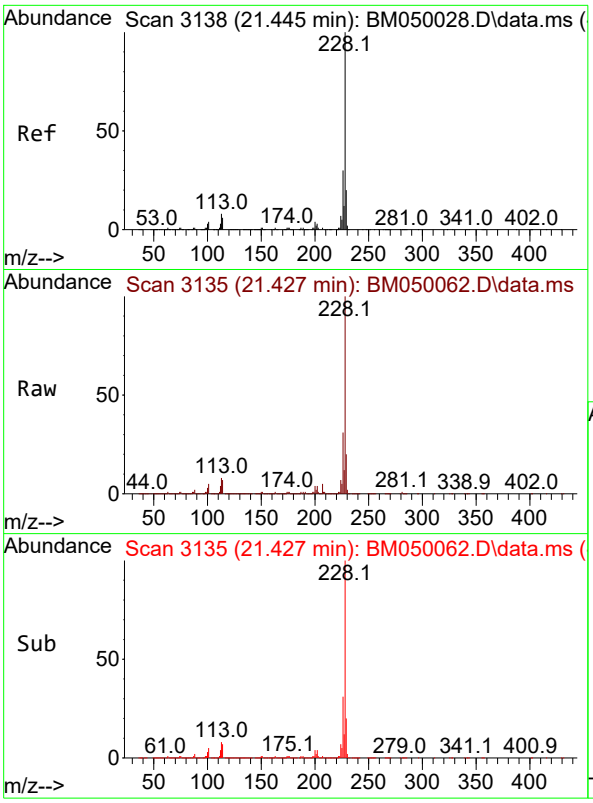


#82
3,3'-Dichlorobenzidine
Concen: 41.777 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:252 Resp: 1252229

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.8	77.6
126	7.7	6.0	9.0



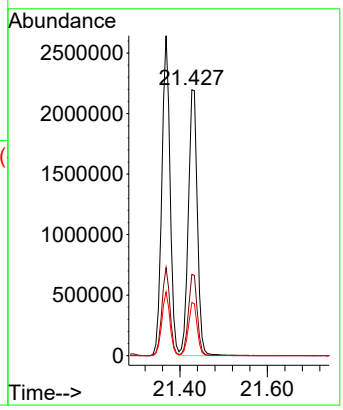


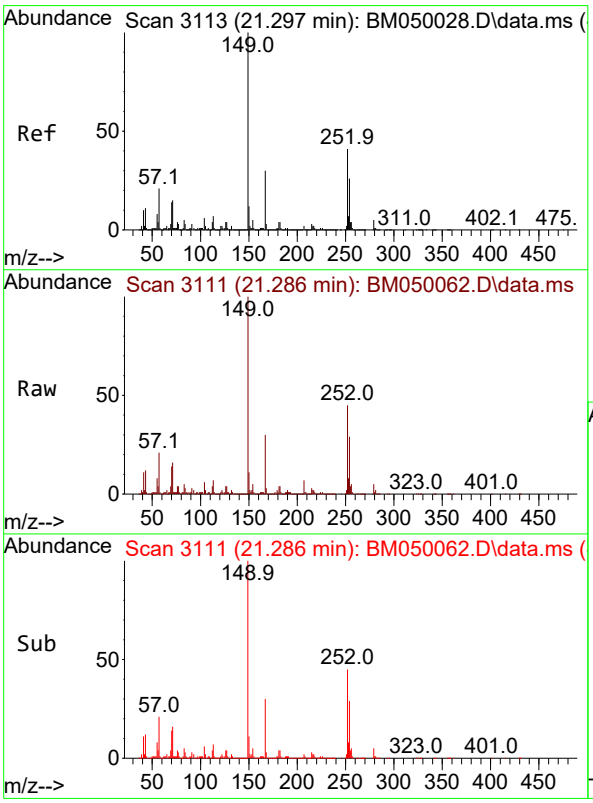
#83
Chrysene
Concen: 43.016 ng
RT: 21.427 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 3117333

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	20.0	15.7	23.5

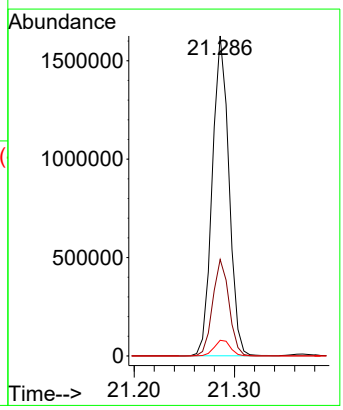


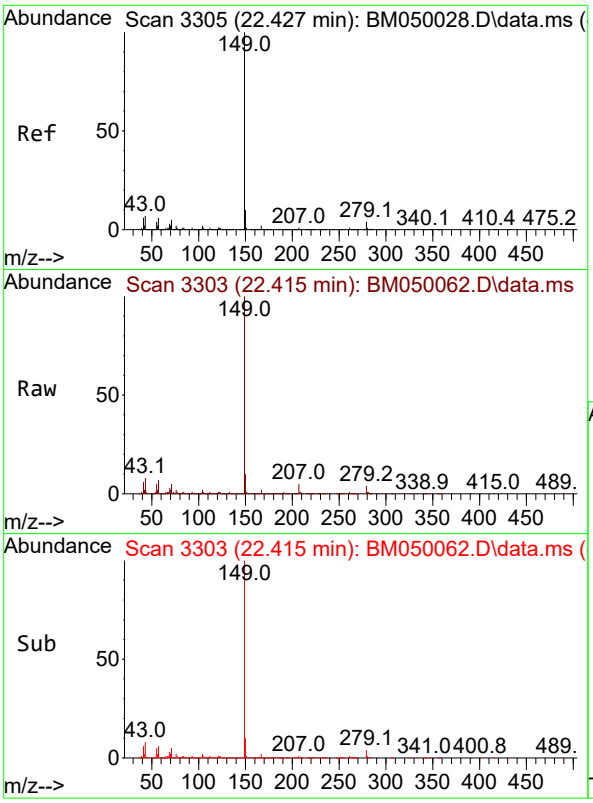


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.933 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:149 Resp: 1873155

Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.1	36.1
279	4.9	3.9	5.9



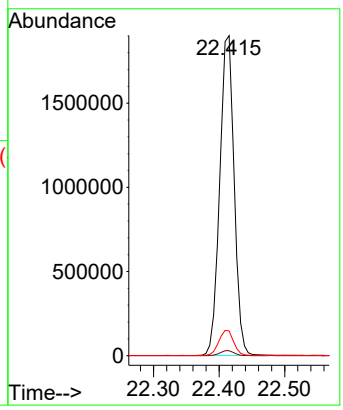


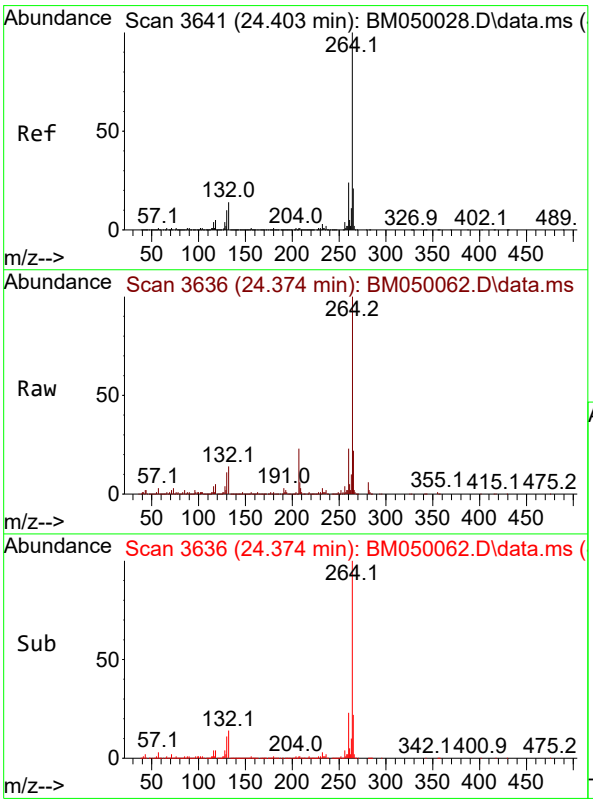
#85
Di-n-octyl phthalate
Concen: 39.233 ng
RT: 22.415 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 2890157

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.2	5.8	8.8

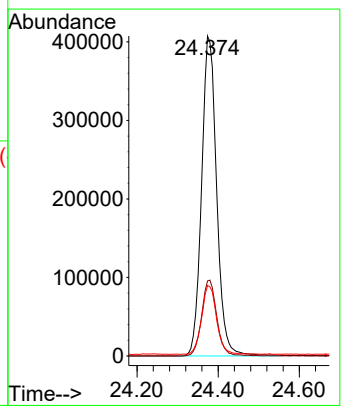


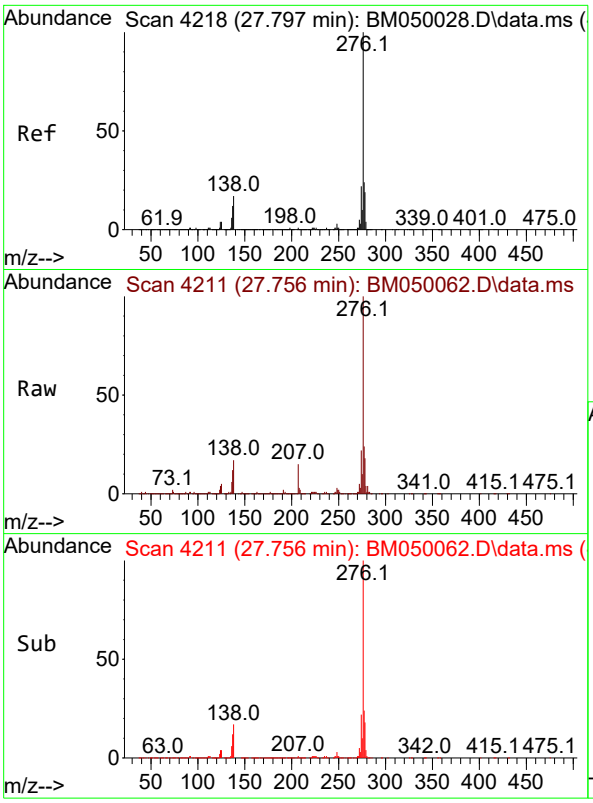


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.029 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:264 Resp: 1050482

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	22.0	17.0	25.4



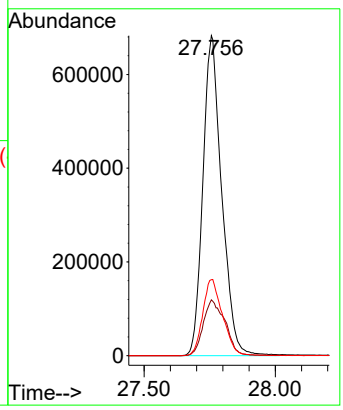


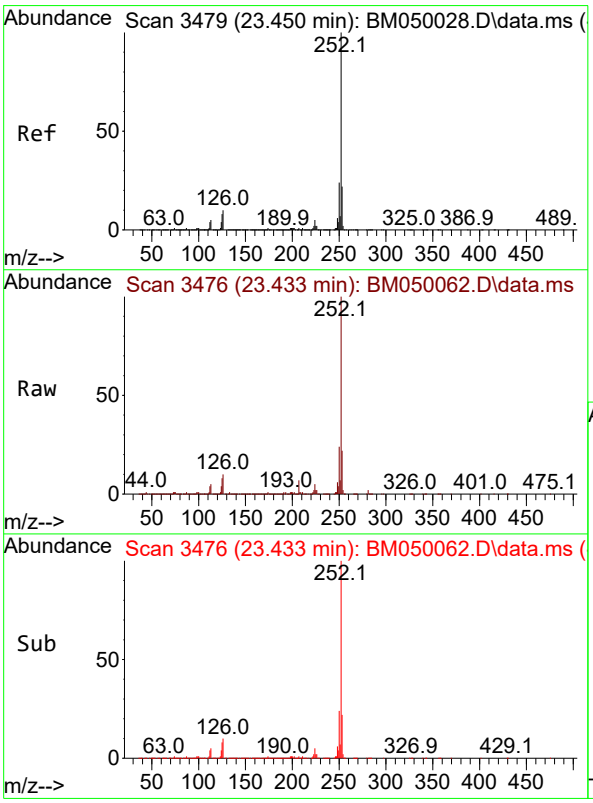
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.491 ng
RT: 27.756 min Scan# 4
Delta R.T. -0.041 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 3404250

Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.4	24.6
277	25.1	19.8	29.8

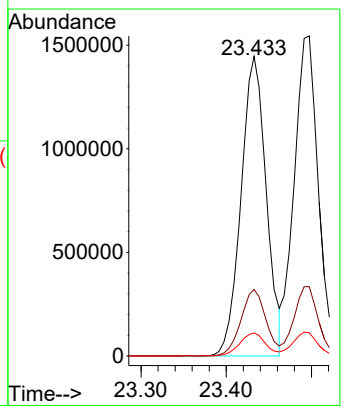


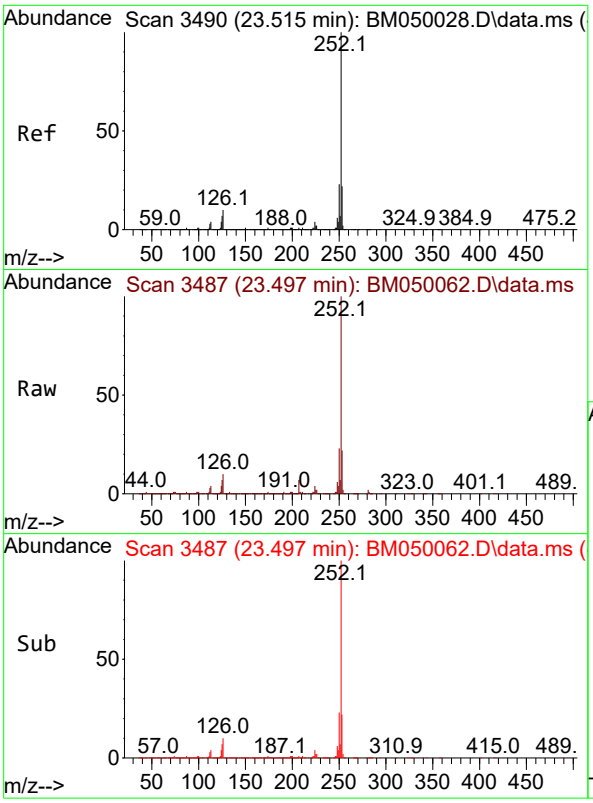


#88
Benzo(b)fluoranthene
Concen: 43.470 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:252 Resp: 2969664

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	7.7	6.1	9.1



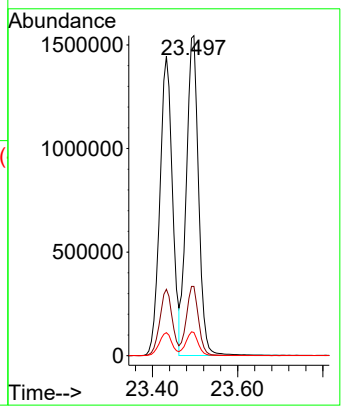


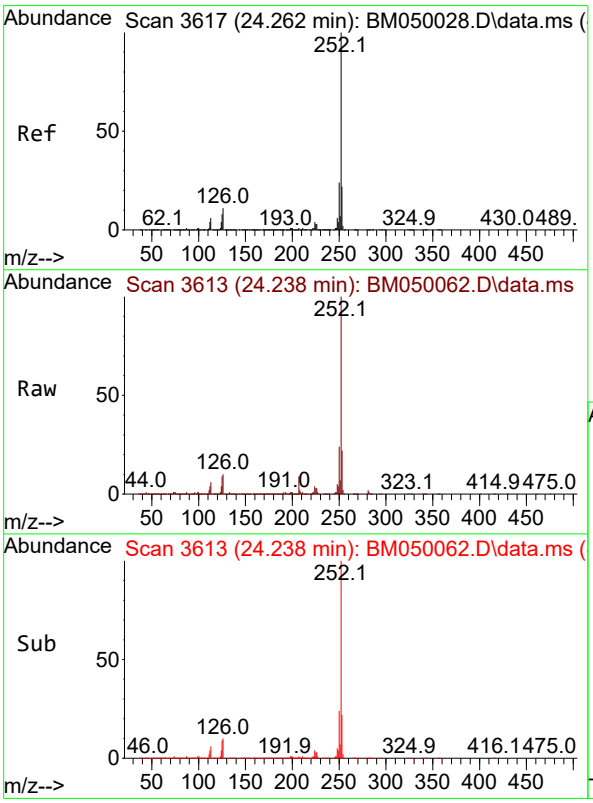
#89
Benzo(k)fluoranthene
Concen: 44.376 ng
RT: 23.497 min Scan# 34
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 3066550

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	7.2	5.8	8.8

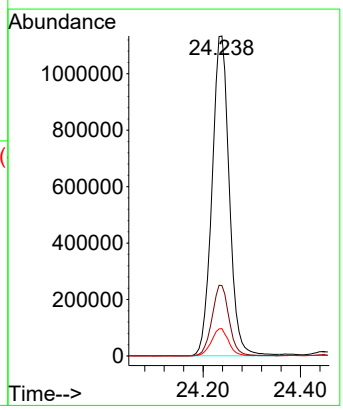


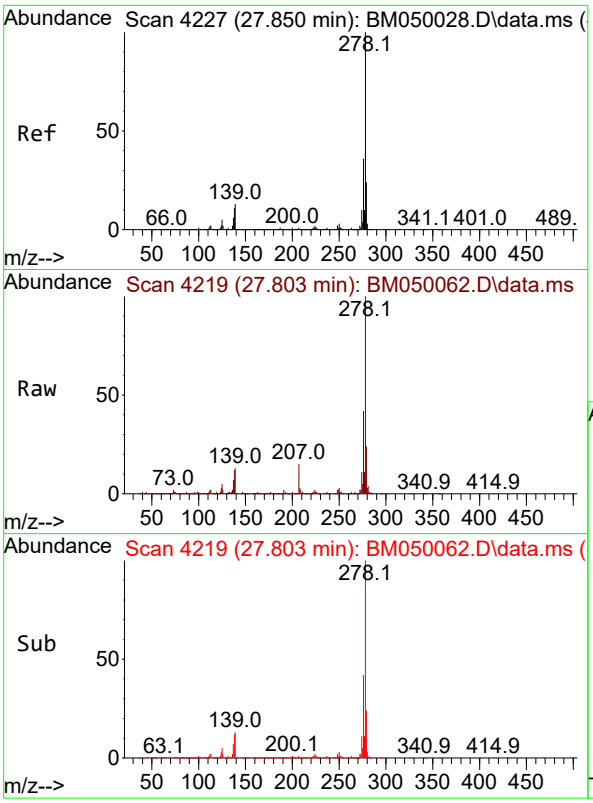


#90
Benzo(a)pyrene
Concen: 43.457 ng
RT: 24.238 min Scan# 3613
Delta R.T. -0.024 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:252 Resp: 2780579

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	8.5	6.6	9.8



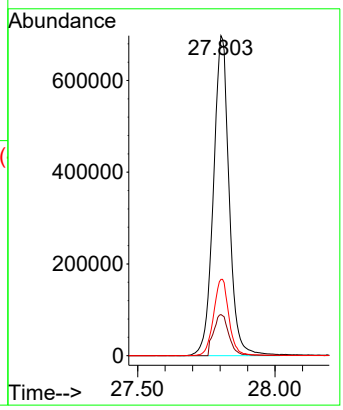


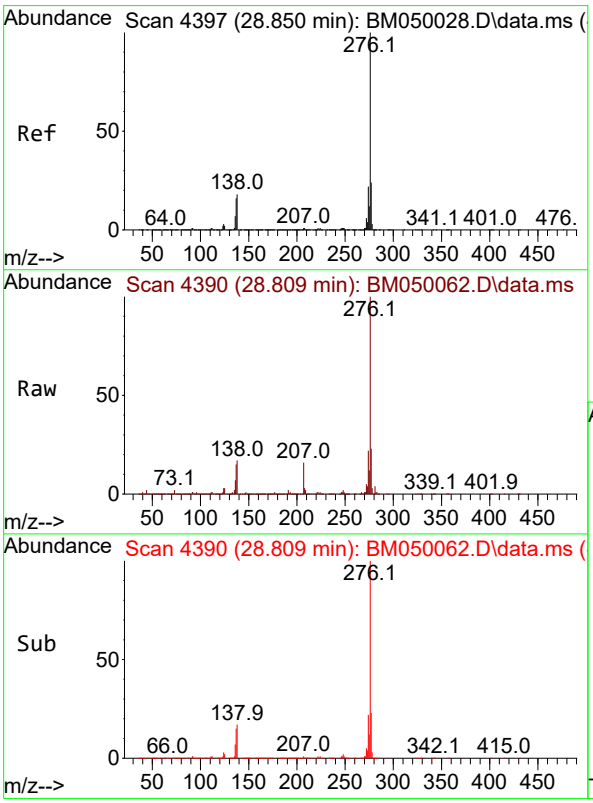
#91
Dibenzo(a,h)anthracene
Concen: 43.471 ng
RT: 27.803 min Scan# 4
Delta R.T. -0.047 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 2773732

Ion	Ratio	Lower	Upper
278	100		
139	12.9	10.5	15.7
279	23.8	19.4	29.0

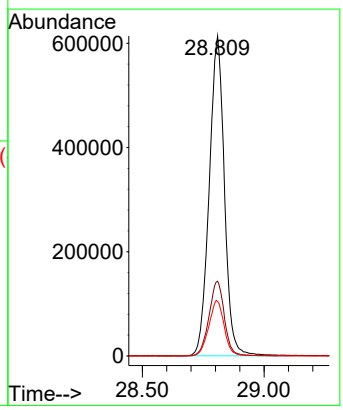




#92
Benzo(g,h,i)perylene
Concen: 43.389 ng
RT: 28.809 min Scan# 4390
Delta R.T. -0.041 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:276 Resp: 2650473

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.1	28.7
138	17.0	14.3	21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050062.D
Acq On : 01 May 2025 13:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 01 14:34:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	137	-0.01
2		1,4-Dioxane	0.490	0.582	-18.8	155#	0.02
3		Pyridine	1.258	1.503	-19.5	154#	0.01
4		n-Nitrosodimethylamine	0.493	0.572	-16.0	150	0.02
5	S	2-Fluorophenol	1.142	1.339	-17.3	151#	0.00
6		Aniline	1.813	1.929	-6.4	136	-0.01
7	S	Phenol-d6	1.436	1.600	-11.4	142	-0.01
8		2-Chlorophenol	1.235	1.304	-5.6	136	-0.01
9		Benzaldehyde	0.961	1.092	-13.6	145	0.00
10	C	Phenol	1.453	1.604	-10.4	142	-0.01
11		bis(2-Chloroethyl)ether	1.213	1.300	-7.2	139	-0.01
12		1,3-Dichlorobenzene	1.492	1.587	-6.4	138	-0.01
13	C	1,4-Dichlorobenzene	1.499	1.591	-6.1	139	-0.01
14		1,2-Dichlorobenzene	1.448	1.502	-3.7	135	-0.01
15		Benzyl Alcohol	0.996	1.051	-5.5	133	-0.01
16		2,2'-oxybis(1-Chloropropane	1.475	1.588	-7.7	140	-0.01
17		2-Methylphenol	0.957	0.985	-2.9	130	-0.01
18		Hexachloroethane	0.533	0.574	-7.7	141	-0.02
19	P	n-Nitroso-di-n-propylamine	0.921	0.843	8.5	115	-0.01
20		3+4-Methylphenols	1.293	1.302	-0.7	128	-0.02
21	I	Naphthalene-d8	1.000	1.000	0.0	122	-0.02
22		Acetophenone	0.497	0.555	-11.7	128	-0.01
23	S	Nitrobenzene-d5	0.406	0.470	-15.8	133	-0.01
24		Nitrobenzene	0.351	0.401	-14.2	131	-0.01
25		Isophorone	0.692	0.722	-4.3	121	-0.02
26	C	2-Nitrophenol	0.179	0.198	-10.6	123	-0.02
27		2,4-Dimethylphenol	0.297	0.317	-6.7	120	-0.02
28		bis(2-Chloroethoxy)methane	0.428	0.455	-6.3	123	-0.02
29	C	2,4-Dichlorophenol	0.333	0.356	-6.9	120	-0.02
30		1,2,4-Trichlorobenzene	0.406	0.436	-7.4	125	-0.02
31		Naphthalene	1.013	1.086	-7.2	125	-0.02
32		Benzoic acid	0.190	0.186	2.1	116	-0.01
33		4-Chloroaniline	0.415	0.426	-2.7	118	-0.02
34	C	Hexachlorobutadiene	0.258	0.279	-8.1	126	-0.02
35		Caprolactam	0.097	0.089	8.2	104	-0.01
36	C	4-Chloro-3-methylphenol	0.308	0.303	1.6	114	-0.02
37		2-Methylnaphthalene	0.679	0.698	-2.8	120	-0.02
38		1-Methylnaphthalene	0.719	0.727	-1.1	118	-0.02
39	I	Acenaphthene-d10	1.000	1.000	0.0	108	-0.01
40		1,2,4,5-Tetrachlorobenzene	0.692	0.812	-17.3	118	-0.01
41	P	Hexachlorocyclopentadiene	0.423	0.472	-11.6	112	-0.02
42	S	2,4,6-Tribromophenol	0.296	0.313	-5.7	106	-0.01
43	C	2,4,6-Trichlorophenol	0.439	0.496	-13.0	112	-0.02
44		2,4,5-Trichlorophenol	0.474	0.528	-11.4	110	-0.02
45	S	2-Fluorobiphenyl	1.691	1.996	-18.0	119	-0.02
46		1,1'-Biphenyl	1.487	1.674	-12.6	115	-0.02
47		2-Chloronaphthalene	1.177	1.322	-12.3	114	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050062.D
Acq On : 01 May 2025 13:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 01 14:34:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.276	0.322	-16.7	115	-0.02
49		Acenaphthylene	1.857	2.021	-8.8	110	-0.02
50		Dimethylphthalate	1.462	1.494	-2.2	105	-0.01
51		2,6-Dinitrotoluene	0.303	0.319	-5.3	105	-0.02
52	C	Acenaphthene	1.075	1.173	-9.1	111	-0.01
53		3-Nitroaniline	0.289	0.307	-6.2	103	-0.02
54	P	2,4-Dinitrophenol	0.164	0.161	1.8	98	-0.02
55		Dibenzofuran	1.788	1.919	-7.3	110	-0.01
56	P	4-Nitrophenol	0.205	0.222	-8.3	107	-0.02
57		2,4-Dinitrotoluene	0.418	0.439	-5.0	103	-0.01
58		Fluorene	1.463	1.622	-10.9	112	-0.02
59		2,3,4,6-Tetrachlorophenol	0.410	0.429	-4.6	106	-0.01
60		Diethylphthalate	1.377	1.398	-1.5	105	-0.01
61		4-Chlorophenyl-phenylether	0.804	0.881	-9.6	111	-0.02
62		4-Nitroaniline	0.279	0.296	-6.1	102	-0.01
63		Azobenzene	1.154	1.293	-12.0	114	-0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	101	-0.01
65		4,6-Dinitro-2-methylphenol	0.125	0.131	-4.8	98	-0.02
66	c	n-Nitrosodiphenylamine	0.614	0.682	-11.1	105	-0.01
67		4-Bromophenyl-phenylether	0.242	0.264	-9.1	103	-0.01
68		Hexachlorobenzene	0.279	0.305	-9.3	104	-0.01
69		Atrazine	0.222	0.235	-5.9	100	-0.02
70	C	Pentachlorophenol	0.157	0.174	-10.8	105	-0.02
71		Phenanthrene	1.128	1.244	-10.3	106	-0.01
72		Anthracene	1.142	1.274	-11.6	106	-0.02
73		Carbazole	0.991	1.075	-8.5	103	-0.02
74		Di-n-butylphthalate	1.180	1.266	-7.3	102	-0.01
75	C	Fluoranthene	1.324	1.440	-8.8	103	-0.01
76	I	Chrysene-d12	1.000	1.000	0.0	102	-0.01
77		Benzidine	0.710	0.507	28.6#	67	0.00
78		Pyrene	1.404	1.537	-9.5	103	-0.01
79	S	Terphenyl-d14	1.352	1.606	-18.8	107	-0.01
80		Butylbenzylphthalate	0.526	0.549	-4.4	100	-0.01
81		Benzo(a)anthracene	1.377	1.520	-10.4	105	-0.01
82		3,3'-Dichlorobenzidine	0.527	0.551	-4.6	97	-0.01
83		Chrysene	1.275	1.371	-7.5	104	-0.02
84		Bis(2-ethylhexyl)phthalate	0.786	0.824	-4.8	100	-0.01
85	c	Di-n-octyl phthalate	1.296	1.271	1.9	95	-0.01
86	I	Perylene-d12	1.000	1.000	0.0	98	-0.03
87		Indeno(1,2,3-cd)pyrene	1.490	1.620	-8.7	99	-0.04
88		Benzo(b)fluoranthene	1.301	1.413	-8.6	98	-0.02
89		Benzo(k)fluoranthene	1.316	1.460	-10.9	103	-0.02
90	C	Benzo(a)pyrene	1.218	1.323	-8.6	100	-0.02
91		Dibenzo(a,h)anthracene	1.215	1.320	-8.6	99	-0.05
92		Benzo(g,h,i)perylene	1.163	1.262	-8.5	100	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050062.D
Acq On : 01 May 2025 13:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 01 14:34:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050062.D
Acq On : 01 May 2025 13:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 01 14:34:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	137	-0.01
2		1,4-Dioxane	40.000	47.513	-18.8	155	0.02
3		Pyridine	40.000	47.766	-19.4	154	0.01
4		n-Nitrosodimethylamine	40.000	46.336	-15.8	150	0.02
5	S	2-Fluorophenol	80.000	93.775	-17.2	151	0.00
6		Aniline	40.000	42.572	-6.4	136	-0.01
7	S	Phenol-d6	80.000	89.170	-11.5	142	-0.01
8		2-Chlorophenol	40.000	42.253	-5.6	136	-0.01
9		Benzaldehyde	40.000	45.481	-13.7	145	0.00
10	C	Phenol	40.000	44.161	-10.4	142	-0.01
11		bis(2-Chloroethyl)ether	40.000	42.836	-7.1	139	-0.01
12		1,3-Dichlorobenzene	40.000	42.546	-6.4	138	-0.01
13	C	1,4-Dichlorobenzene	40.000	42.473	-6.2	139	-0.01
14		1,2-Dichlorobenzene	40.000	41.490	-3.7	135	-0.01
15		Benzyl Alcohol	40.000	42.242	-5.6	133	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	43.052	-7.6	140	-0.01
17		2-Methylphenol	40.000	41.137	-2.8	130	-0.01
18		Hexachloroethane	40.000	43.117	-7.8	141	-0.02
19	P	n-Nitroso-di-n-propylamine	40.000	36.605	8.5	115	-0.01
20		3+4-Methylphenols	40.000	40.296	-0.7	128	-0.02
21	I	Naphthalene-d8	20.000	20.000	0.0	122	-0.02
22		Acetophenone	40.000	44.635	-11.6	128	-0.01
23	S	Nitrobenzene-d5	80.000	92.712	-15.9	133	-0.01
24		Nitrobenzene	40.000	45.762	-14.4	131	-0.01
25		Isophorone	40.000	41.750	-4.4	121	-0.02
26	C	2-Nitrophenol	40.000	44.067	-10.2	123	-0.02
27		2,4-Dimethylphenol	40.000	42.668	-6.7	120	-0.02
28		bis(2-Chloroethoxy)methane	40.000	42.549	-6.4	123	-0.02
29	C	2,4-Dichlorophenol	40.000	42.706	-6.8	120	-0.02
30		1,2,4-Trichlorobenzene	40.000	42.941	-7.4	125	-0.02
31		Naphthalene	40.000	42.897	-7.2	125	-0.02
32		Benzoic acid	40.000	39.188	2.0	116	-0.01
33		4-Chloroaniline	40.000	41.048	-2.6	118	-0.02
34	C	Hexachlorobutadiene	40.000	43.347	-8.4	126	-0.02
35		Caprolactam	40.000	36.708	8.2	104	-0.01
36	C	4-Chloro-3-methylphenol	40.000	39.405	1.5	114	-0.02
37		2-Methylnaphthalene	40.000	41.142	-2.9	120	-0.02
38		1-Methylnaphthalene	40.000	40.492	-1.2	118	-0.02
39	I	Acenaphthene-d10	20.000	20.000	0.0	108	-0.01
40		1,2,4,5-Tetrachlorobenzene	40.000	46.936	-17.3	118	-0.01
41	P	Hexachlorocyclopentadiene	40.000	44.616	-11.5	112	-0.02
42	S	2,4,6-Tribromophenol	80.000	84.547	-5.7	106	-0.01
43	C	2,4,6-Trichlorophenol	40.000	45.172	-12.9	112	-0.02
44		2,4,5-Trichlorophenol	40.000	44.577	-11.4	110	-0.02
45	S	2-Fluorobiphenyl	80.000	94.461	-18.1	119	-0.02
46		1,1'-Biphenyl	40.000	45.044	-12.6	115	-0.02
47		2-Chloronaphthalene	40.000	44.927	-12.3	114	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050062.D
Acq On : 01 May 2025 13:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 01 14:34:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	46.607	-16.5	115	-0.02
49		Acenaphthylene	40.000	43.552	-8.9	110	-0.02
50		Dimethylphthalate	40.000	40.885	-2.2	105	-0.01
51		2,6-Dinitrotoluene	40.000	42.111	-5.3	105	-0.02
52	C	Acenaphthene	40.000	43.665	-9.2	111	-0.01
53		3-Nitroaniline	40.000	42.458	-6.1	103	-0.02
54	P	2,4-Dinitrophenol	40.000	36.611	8.5	98	-0.02
55		Dibenzofuran	40.000	42.931	-7.3	110	-0.01
56	P	4-Nitrophenol	40.000	40.165	-0.4	107	-0.02
57		2,4-Dinitrotoluene	40.000	41.948	-4.9	103	-0.01
58		Fluorene	40.000	44.327	-10.8	112	-0.02
59		2,3,4,6-Tetrachlorophenol	40.000	41.828	-4.6	106	-0.01
60		Diethylphthalate	40.000	40.589	-1.5	105	-0.01
61		4-Chlorophenyl-phenylether	40.000	43.832	-9.6	111	-0.02
62		4-Nitroaniline	40.000	42.437	-6.1	102	-0.01
63		Azobenzene	40.000	44.796	-12.0	114	-0.01
64	I	Phenanthrene-d10	20.000	20.000	0.0	101	-0.01
65		4,6-Dinitro-2-methylphenol	40.000	41.909	-4.8	98	-0.02
66	c	n-Nitrosodiphenylamine	40.000	44.430	-11.1	105	-0.01
67		4-Bromophenyl-phenylether	40.000	43.643	-9.1	103	-0.01
68		Hexachlorobenzene	40.000	43.718	-9.3	104	-0.01
69		Atrazine	40.000	42.423	-6.1	100	-0.02
70	C	Pentachlorophenol	40.000	44.419	-11.0	105	-0.02
71		Phenanthrene	40.000	44.128	-10.3	106	-0.01
72		Anthracene	40.000	44.637	-11.6	106	-0.02
73		Carbazole	40.000	43.390	-8.5	103	-0.02
74		Di-n-butylphthalate	40.000	42.938	-7.3	102	-0.01
75	C	Fluoranthene	40.000	43.496	-8.7	103	-0.01
76	I	Chrysene-d12	20.000	20.000	0.0	102	-0.01
77		Benzidine	40.000	28.568	28.6#	67	0.00
78		Pyrene	40.000	43.763	-9.4	103	-0.01
79	S	Terphenyl-d14	80.000	95.048	-18.8	107	-0.01
80		Butylbenzylphthalate	40.000	41.763	-4.4	100	-0.01
81		Benzo(a)anthracene	40.000	44.135	-10.3	105	-0.01
82		3,3'-Dichlorobenzidine	40.000	41.777	-4.4	97	-0.01
83		Chrysene	40.000	43.016	-7.5	104	-0.02
84		Bis(2-ethylhexyl)phthalate	40.000	41.933	-4.8	100	-0.01
85	c	Di-n-octyl phthalate	40.000	39.233	1.9	95	-0.01
86	I	Perylene-d12	20.000	20.000	0.0	98	-0.03
87		Indeno(1,2,3-cd)pyrene	40.000	43.491	-8.7	99	-0.04
88		Benzo(b)fluoranthene	40.000	43.470	-8.7	98	-0.02
89		Benzo(k)fluoranthene	40.000	44.376	-10.9	103	-0.02
90	C	Benzo(a)pyrene	40.000	43.457	-8.6	100	-0.02
91		Dibenzo(a,h)anthracene	40.000	43.471	-8.7	99	-0.05
92		Benzo(g,h,i)perylene	40.000	43.389	-8.5	100	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050062.D
Acq On : 01 May 2025 13:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 01 14:34:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: BNA_M Calibration Date/Time: 05/02/2025 10:33

Lab File ID: BM050079.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.142	1.128		-1.2	
Phenol-d6	1.436	1.413		-1.6	
Nitrobenzene-d5	0.406	0.398		-2.0	
Naphthalene	1.013	0.950		-6.2	
2-Fluorobiphenyl	1.691	1.629		-3.7	
Acenaphthylene	1.857	1.757		-5.4	
Acenaphthene	1.075	1.008		-6.2	20.0
Fluorene	1.463	1.392		-4.9	
2,4,6-Tribromophenol	0.296	0.278		-6.1	
Phenanthrene	1.128	1.055		-6.5	
Anthracene	1.142	1.078		-5.6	
Fluoranthene	1.324	1.253		-5.4	20.0
Pyrene	1.404	1.339		-4.6	
Terphenyl-d14	1.352	1.346		-0.4	
Benzo(a)anthracene	1.377	1.316		-4.4	
Chrysene	1.275	1.197		-6.1	
Benzo(b)fluoranthene	1.301	1.260		-3.2	
Benzo(k)fluoranthene	1.316	1.232		-6.4	
Benzo(a)pyrene	1.218	1.163		-4.5	20.0
Indeno(1,2,3-cd)pyrene	1.490	1.428		-4.2	
Dibenzo(a,h)anthracene	1.215	1.165		-4.1	
Benzo(g,h,i)perylene	1.163	1.103		-5.2	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050079.D
Acq On : 02 May 2025 10:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 02 11:45:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.751	152	249928	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	901454	20.000	ng	-0.02
39) Acenaphthene-d10	14.398	164	586754	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	1164746	20.000	ng	-0.01
76) Chrysene-d12	21.380	240	1138509	20.000	ng	-0.02
86) Perylene-d12	24.374	264	1096969	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1127844	79.020	ng	-0.02
7) Phenol-d6	6.934	99	1412210	78.722	ng	-0.02
23) Nitrobenzene-d5	8.910	82	1436913	78.546	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	653057	75.272	ng	-0.01
45) 2-Fluorobiphenyl	13.016	172	3822925	77.076	ng	-0.02
79) Terphenyl-d14	19.768	244	6128200	79.649	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	238115	38.909	ng	98
3) Pyridine	3.646	79	626284	39.831	ng	99
4) n-Nitrosodimethylamine	3.551	42	245215	39.763	ng	95
6) Aniline	7.081	93	879146	38.810	ng	99
8) 2-Chlorophenol	7.322	128	587452	38.067	ng	98
9) Benzaldehyde	6.892	77	472363	39.348	ng	97
10) Phenol	6.963	94	710601	39.129	ng	99
11) bis(2-Chloroethyl)ether	7.175	93	570956	37.651	ng	100
12) 1,3-Dichlorobenzene	7.639	146	701013	37.605	ng	99
13) 1,4-Dichlorobenzene	7.787	146	704535	37.620	ng	100
14) 1,2-Dichlorobenzene	8.098	146	675943	37.365	ng	98
15) Benzyl Alcohol	7.998	79	489827	39.373	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.275	45	699808	37.964	ng	100
17) 2-Methylphenol	8.204	107	458138	38.294	ng	99
18) Hexachloroethane	8.822	117	248872	37.383	ng	97
19) n-Nitroso-di-n-propyla...	8.557	70	447961	38.935	ng	98
20) 3+4-Methylphenols	8.539	107	614737	38.049	ng	99
22) Acetophenone	8.575	105	863404	38.525	ng	99
24) Nitrobenzene	8.951	77	613826	38.806	ng	98
25) Isophorone	9.481	82	1175706	37.703	ng	99
26) 2-Nitrophenol	9.663	139	316142	39.122	ng	99
27) 2,4-Dimethylphenol	9.733	122	517278	38.599	ng	99
28) bis(2-Chloroethoxy)met...	9.957	93	729132	37.830	ng	100
29) 2,4-Dichlorophenol	10.210	162	573328	38.188	ng	99
30) 1,2,4-Trichlorobenzene	10.410	180	682829	37.330	ng	100
31) Naphthalene	10.592	128	1713444	37.533	ng	100
32) Benzoic acid	9.892	122	323636	37.760	ng	97
33) 4-Chloroaniline	10.710	127	721673	38.567	ng	98
34) Hexachlorobutadiene	10.875	225	432840	37.279	ng	99
35) Caprolactam	11.504	113	166290	37.988	ng	96
36) 4-Chloro-3-methylphenol	11.851	107	523243	37.723	ng	98
37) 2-Methylnaphthalene	12.210	142	1131272	36.961	ng	99
38) 1-Methylnaphthalene	12.427	142	1189696	36.729	ng	100
40) 1,2,4,5-Tetrachloroben...	12.580	216	768161	37.818	ng	99
41) Hexachlorocyclopentadiene	12.557	237	451598	36.381	ng	100
43) 2,4,6-Trichlorophenol	12.833	196	499787	38.794	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050079.D
Acq On : 02 May 2025 10:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 02 11:45:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

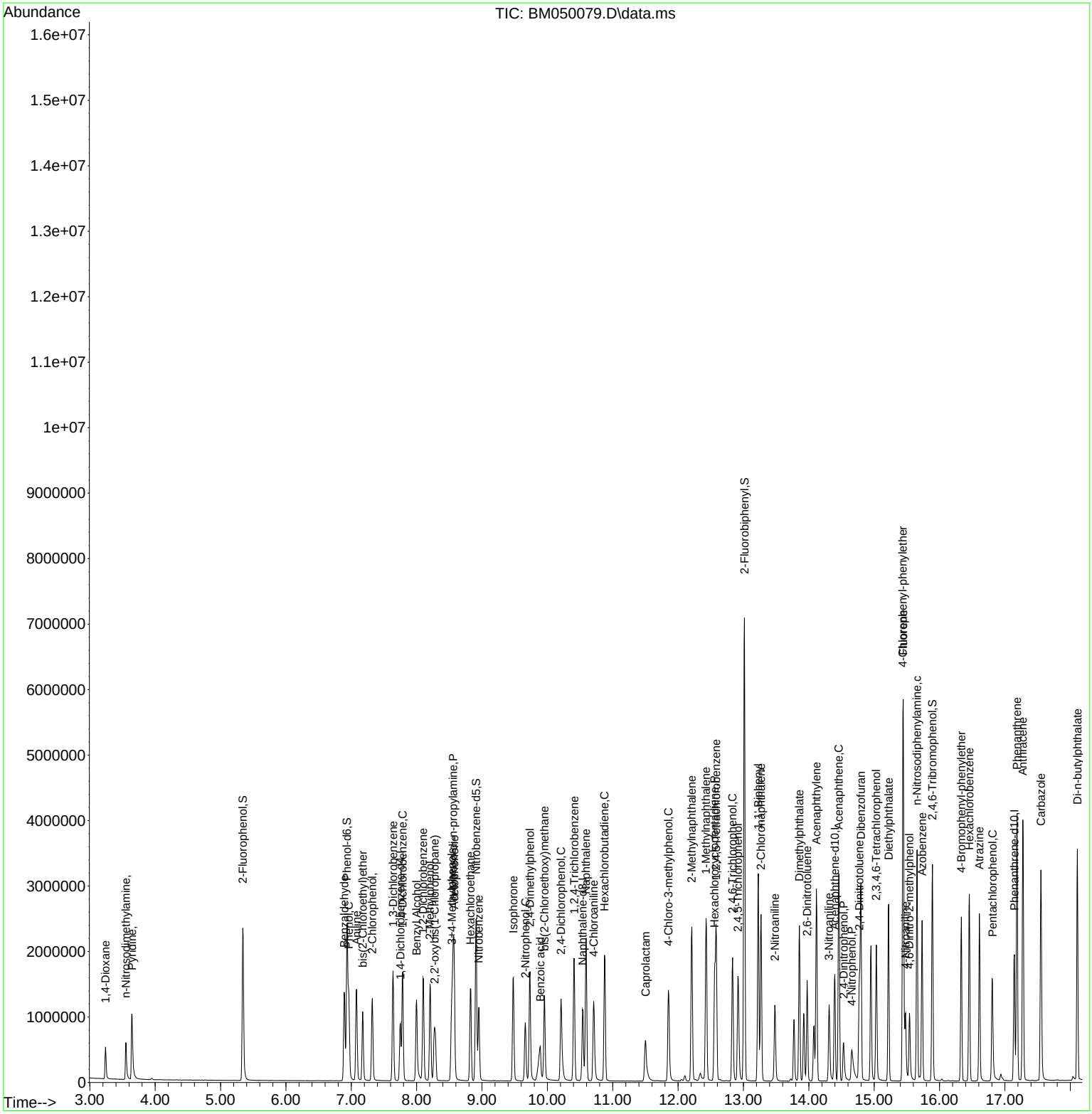
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	539492	38.833	ng	98
46) 1,1'-Biphenyl	13.227	154	1651332	37.860	ng	99
47) 2-Chloronaphthalene	13.269	162	1311916	37.978	ng	100
48) 2-Nitroaniline	13.480	65	324891	40.073	ng	98
49) Acenaphthylene	14.116	152	2061412	37.848	ng	100
50) Dimethylphthalate	13.857	163	1601126	37.339	ng	99
51) 2,6-Dinitrotoluene	13.974	165	343409	38.680	ng	97
52) Acenaphthene	14.457	154	1183209	37.531	ng	100
53) 3-Nitroaniline	14.310	138	342412	40.397	ng	97
54) 2,4-Dinitrophenol	14.533	184	187142	36.316	ng	97
55) Dibenzofuran	14.798	168	1967268	37.505	ng	100
56) 4-Nitrophenol	14.657	139	231766	36.239	ng	96
57) 2,4-Dinitrotoluene	14.774	165	483398	39.403	ng	98
58) Fluorene	15.445	166	1633458	38.045	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	451329	37.531	ng	99
60) Diethylphthalate	15.221	149	1501854	37.170	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	890171	37.748	ng	98
62) 4-Nitroaniline	15.480	138	336923	41.199	ng	96
63) Azobenzene	15.733	77	1302572	38.466	ng	99
65) 4,6-Dinitro-2-methylph...	15.539	198	275818	37.831	ng	96
66) n-Nitrosodiphenylamine	15.657	169	1339187	37.443	ng	100
67) 4-Bromophenyl-phenylether	16.333	248	521812	37.047	ng	99
68) Hexachlorobenzene	16.457	284	597069	36.775	ng	98
69) Atrazine	16.609	200	484216	37.532	ng	99
70) Pentachlorophenol	16.809	266	344508	37.697	ng	100
71) Phenanthrene	17.186	178	2458739	37.428	ng	99
72) Anthracene	17.274	178	2511666	37.780	ng	100
73) Carbazole	17.551	167	2216414	38.420	ng	100
74) Di-n-butylphthalate	18.109	149	2561927	37.291	ng	100
75) Fluoranthene	19.203	202	2919856	37.857	ng	100
77) Benzidine	19.392	184	1529864	37.830	ng	99
78) Pyrene	19.568	202	3048558	38.131	ng	100
80) Butylbenzylphthalate	20.462	149	1123011	37.503	ng	95
81) Benzo(a)anthracene	21.362	228	2995858	38.212	ng	100
82) 3,3'-Dichlorobenzidine	21.286	252	1165683	38.840	ng	99
83) Chrysene	21.427	228	2726625	37.577	ng	100
84) Bis(2-ethylhexyl)phtha...	21.280	149	1676779	37.489	ng	100
85) Di-n-octyl phthalate	22.409	149	2683834	36.386	ng	99
87) Indeno(1,2,3-cd)pyrene	27.756	276	3133882	38.341	ng	100
88) Benzo(b)fluoranthene	23.433	252	2763712	38.740	ng	99
89) Benzo(k)fluoranthene	23.491	252	2702962	37.457	ng	99
90) Benzo(a)pyrene	24.233	252	2552084	38.195	ng	99
91) Dibenzo(a,h)anthracene	27.803	278	2556353	38.366	ng	99
92) Benzo(g,h,i)perylene	28.809	276	2419913	37.936	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050079.D
Acq On : 02 May 2025 10:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 02 11:45:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



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Data File : BM050079.D
Acq On : 02 May 2025 10:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 02 11:45:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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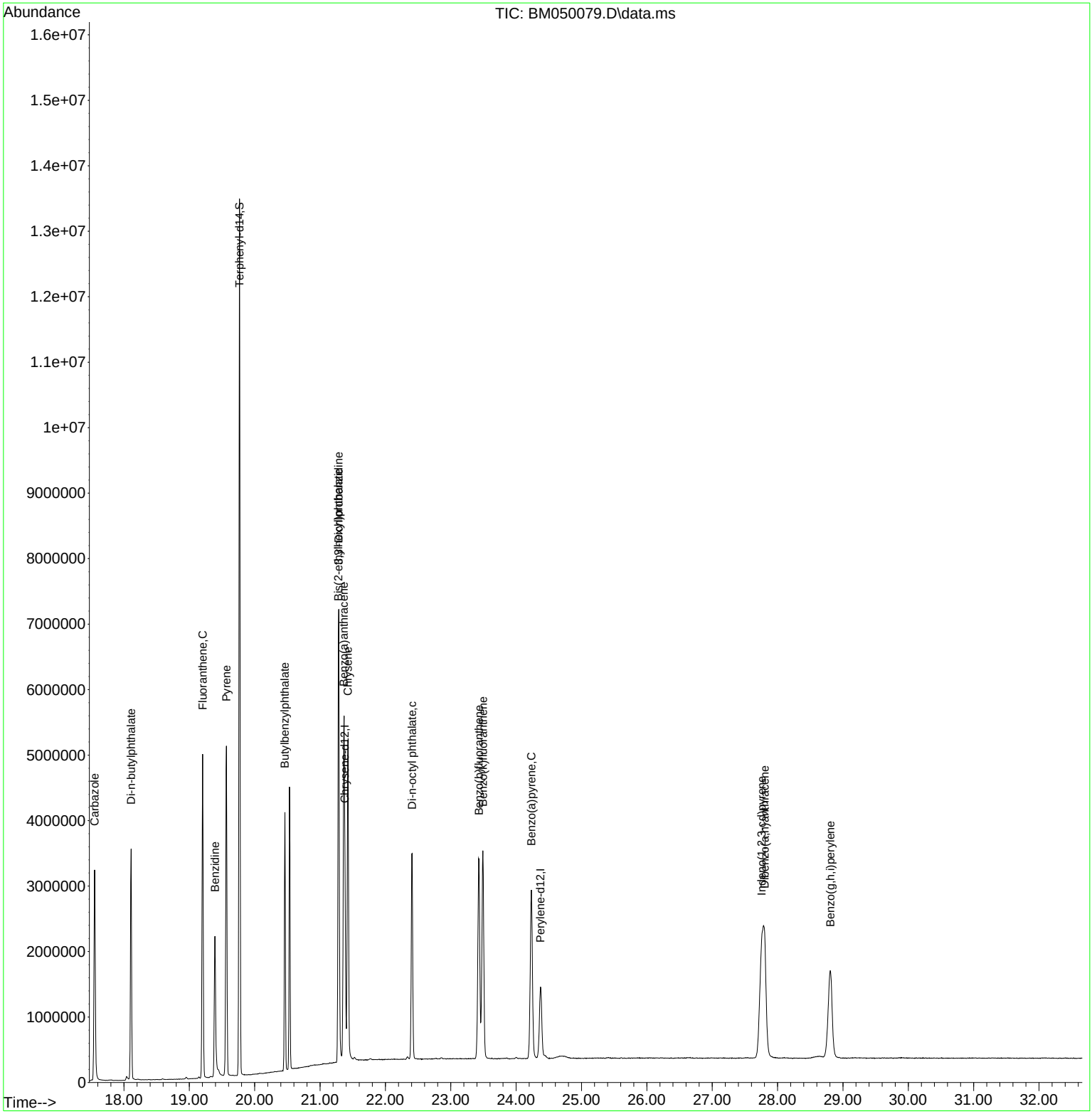
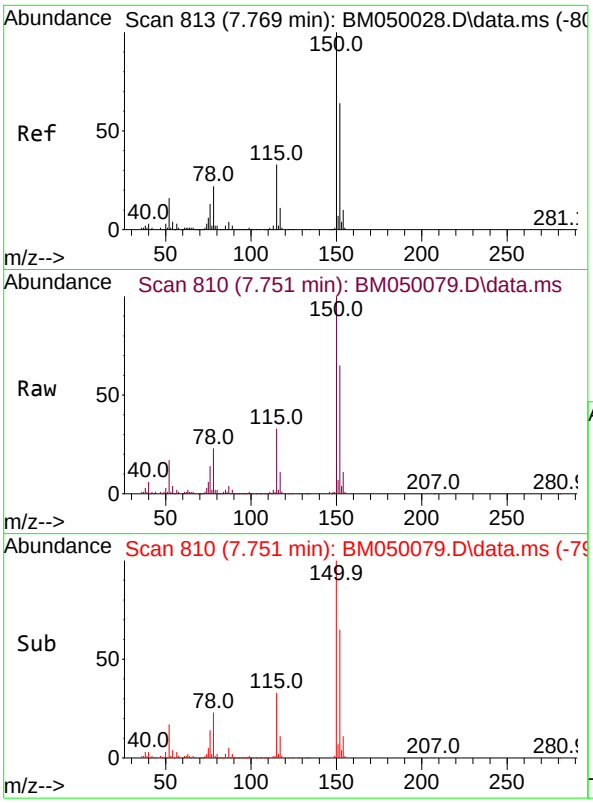


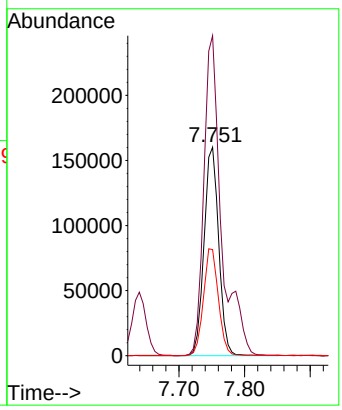


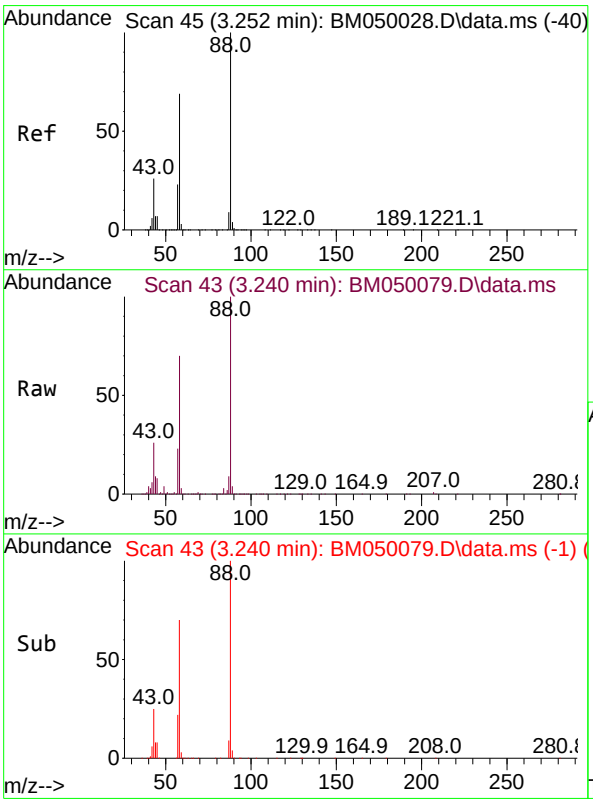
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.751 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 249928

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.1	186.1
115	50.9	41.2	61.8

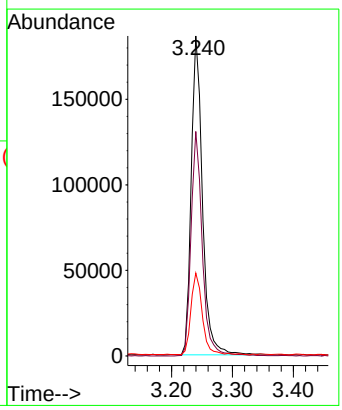


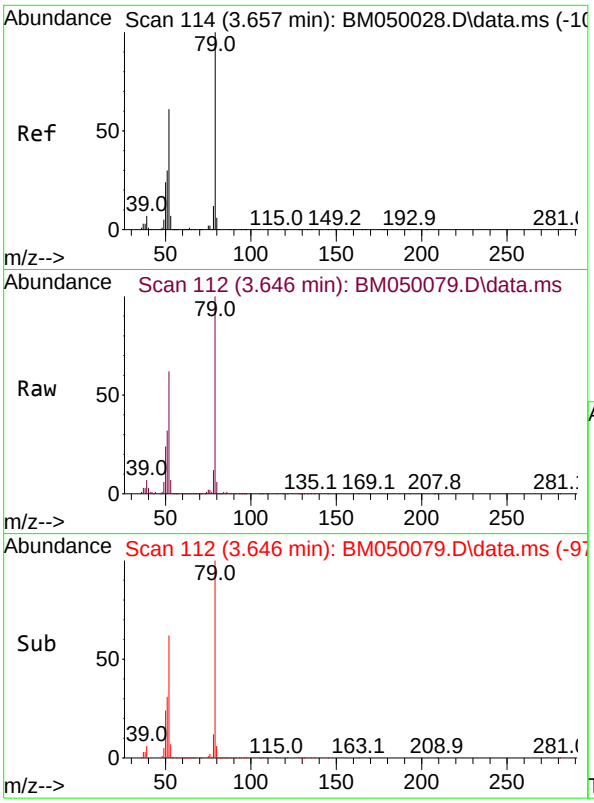


#2
1,4-Dioxane
Concen: 38.909 ng
RT: 3.240 min Scan# 43
Delta R.T. -0.012 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion: 88 Resp: 238115

Ion	Ratio	Lower	Upper
88	100		
58	70.7	55.1	82.7
43	25.6	20.9	31.3



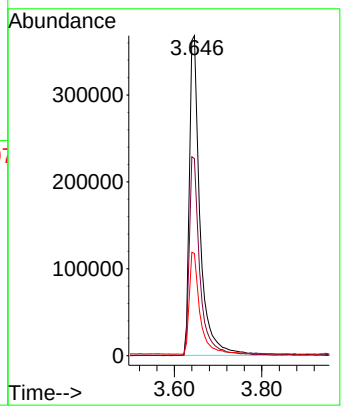


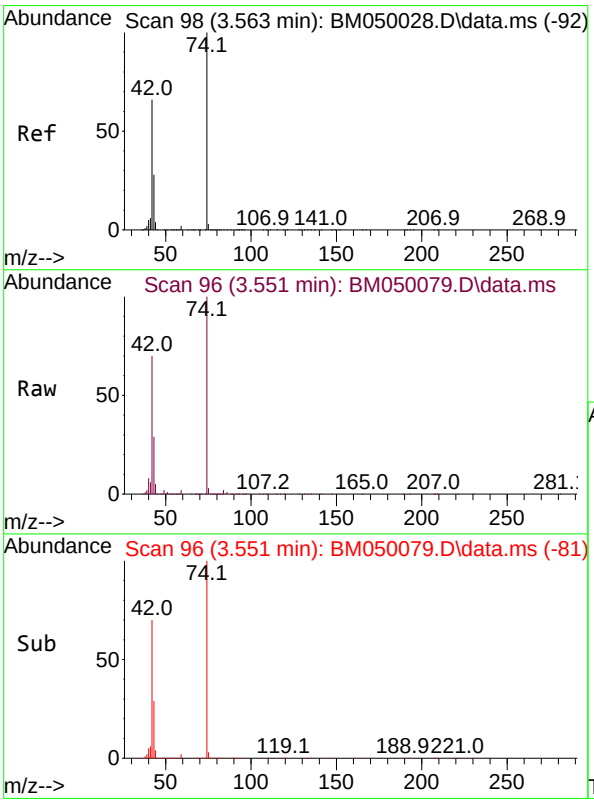
#3
Pyridine
Concen: 39.831 ng
RT: 3.646 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 626284

Ion	Ratio	Lower	Upper
79	100		
52	61.6	48.6	72.8
51	31.9	24.6	37.0

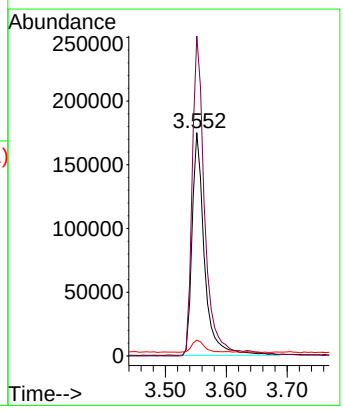


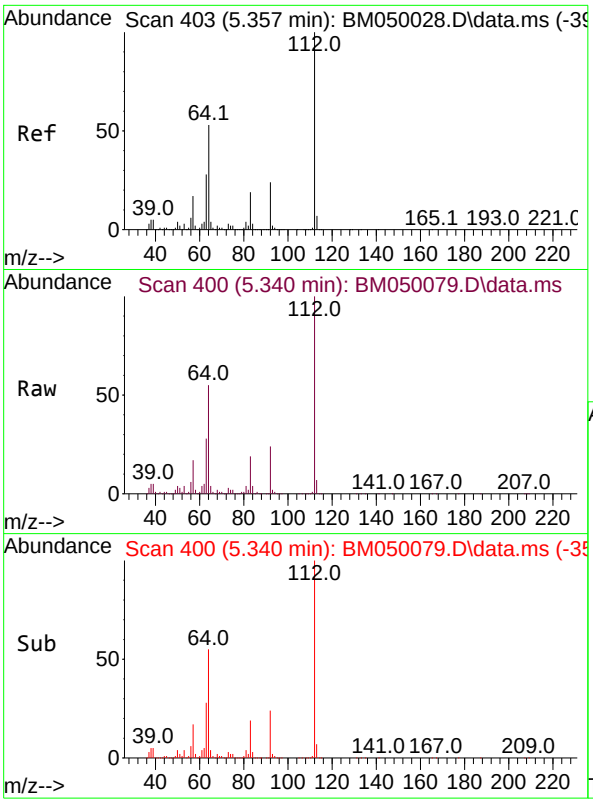


#4
n-Nitrosodimethylamine
Concen: 39.763 ng
RT: 3.551 min Scan# 96
Delta R.T. -0.012 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion: 42 Resp: 245215

Ion	Ratio	Lower	Upper
42	100		
74	143.2	120.2	180.2
44	7.1	6.2	9.2



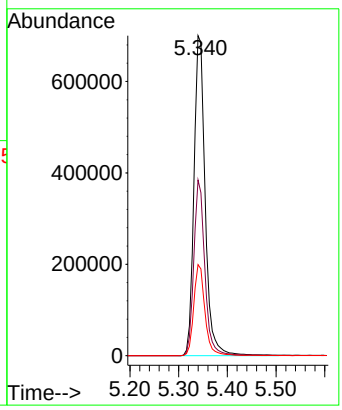


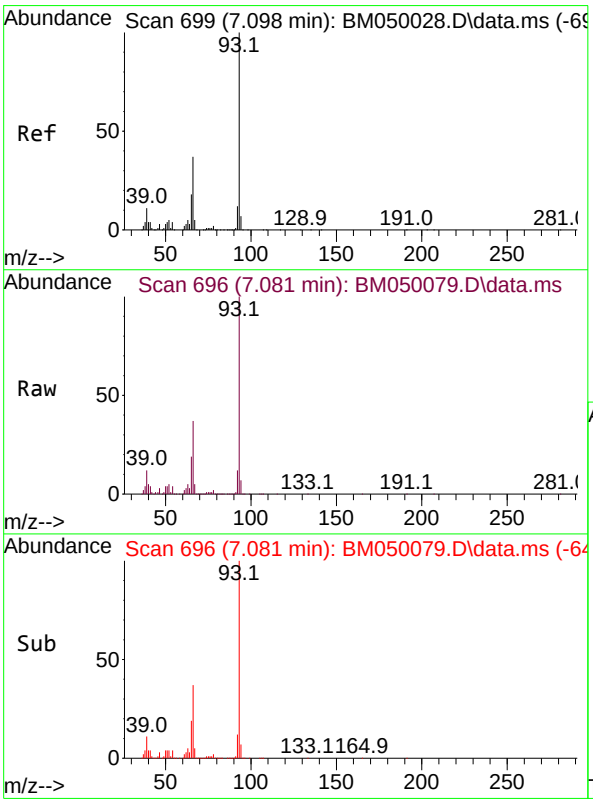
#5
2-Fluorophenol
Concen: 79.020 ng
RT: 5.340 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 1127844

Ion	Ratio	Lower	Upper
112	100		
64	54.9	42.6	64.0
63	28.4	22.2	33.4

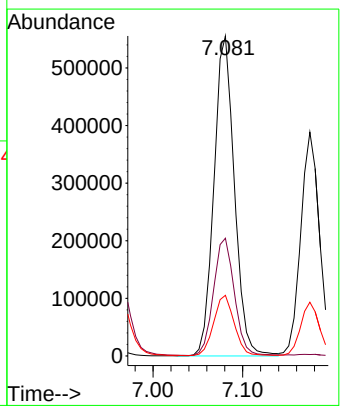


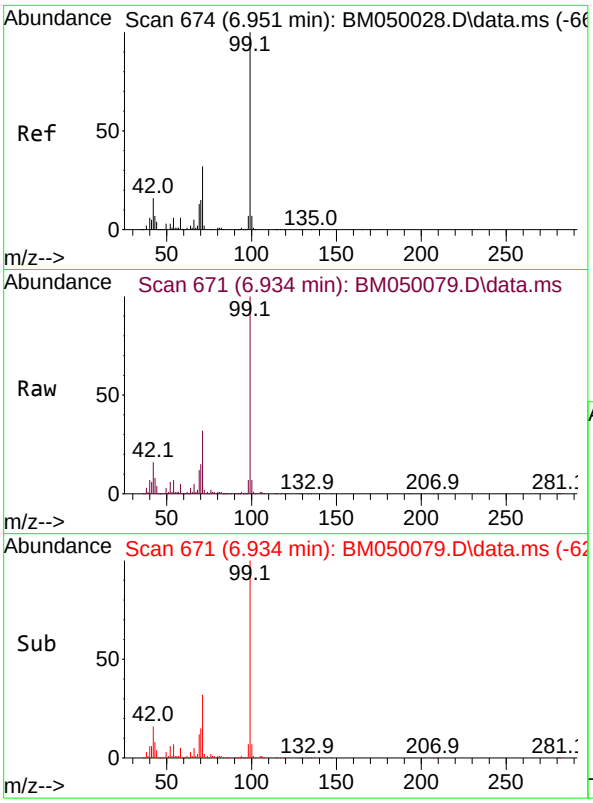


#6
Aniline
Concen: 38.810 ng
RT: 7.081 min Scan# 696
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion: 93 Resp: 879146

Ion	Ratio	Lower	Upper
93	100		
66	36.8	29.9	44.9
65	19.0	14.5	21.7



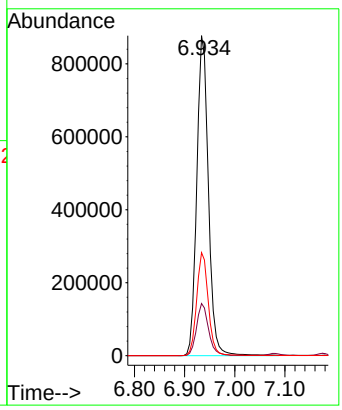


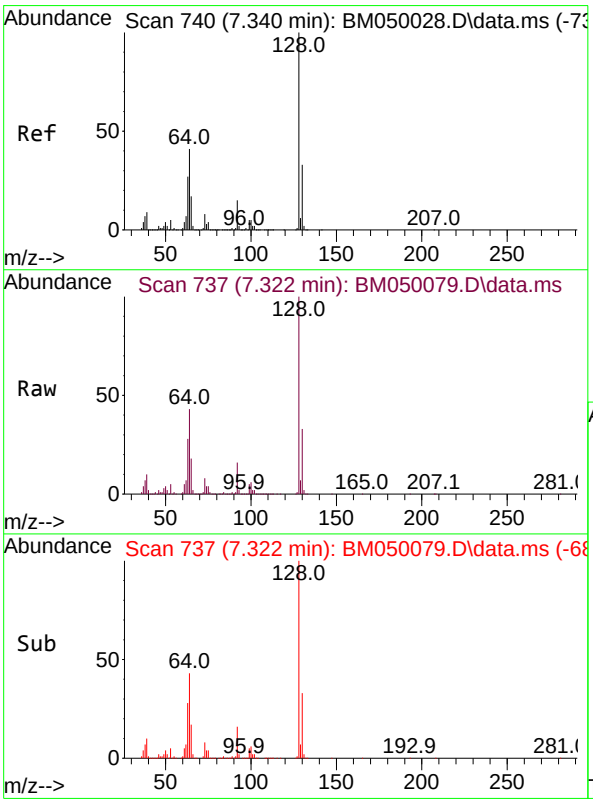
#7
Phenol-d6
Concen: 78.722 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 1412210

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.0	19.4
71	32.2	25.6	38.4

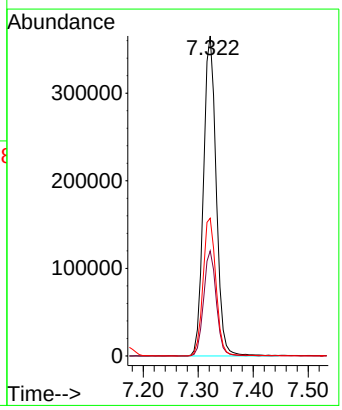


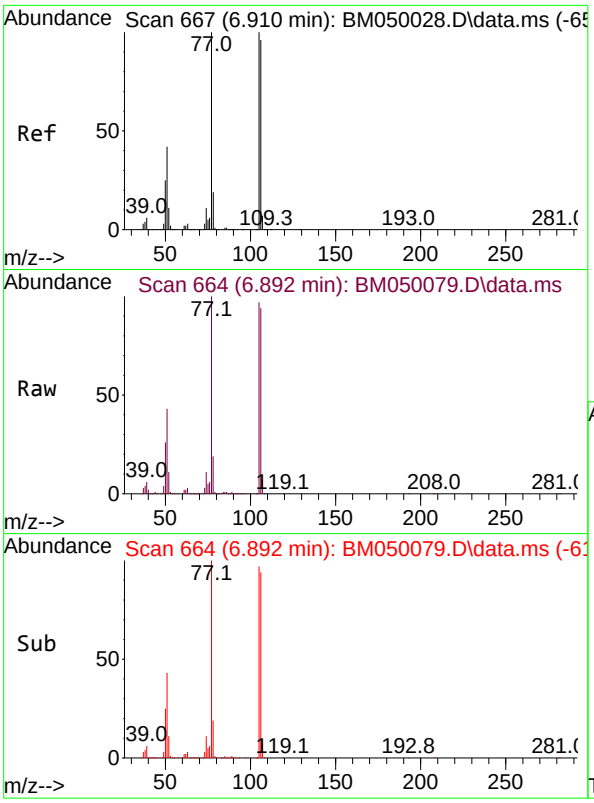


#8
2-Chlorophenol
Concen: 38.067 ng
RT: 7.322 min Scan# 737
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:128 Resp: 587452

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.8	52.8
64	43.1	21.2	61.2



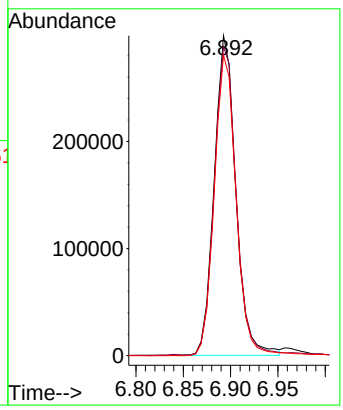


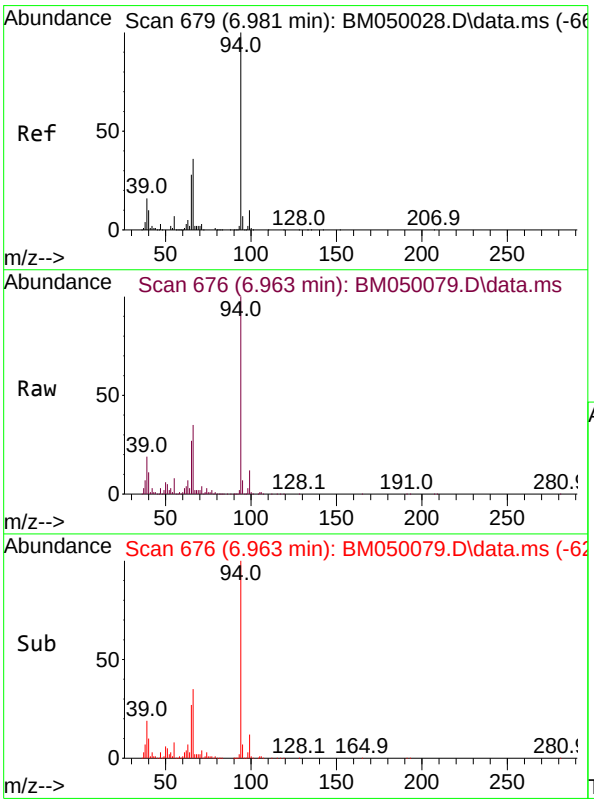
#9
Benzaldehyde
Concen: 39.348 ng
RT: 6.892 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 472363

Ion	Ratio	Lower	Upper
77	100		
105	96.6	80.5	120.5
106	93.9	76.1	116.1

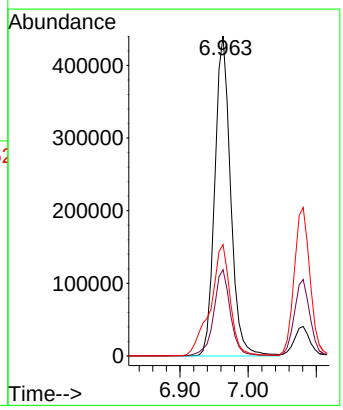


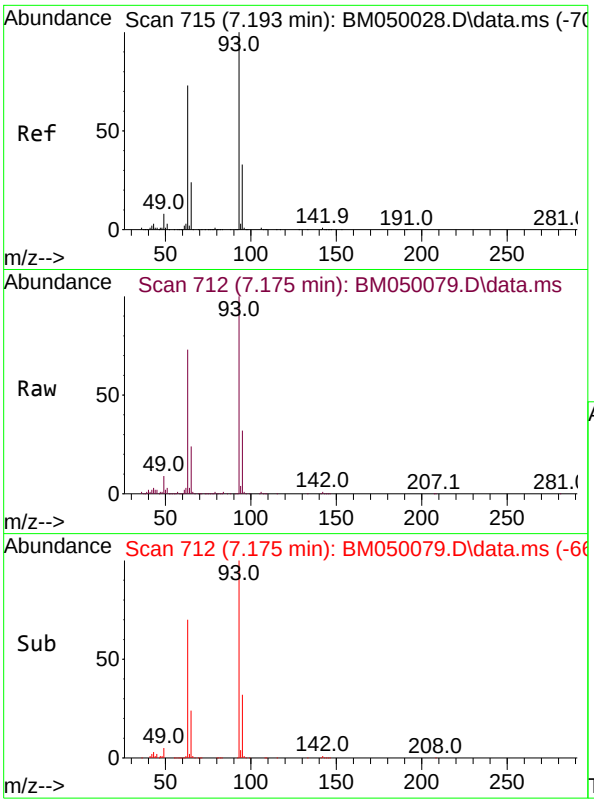


#10
Phenol
Concen: 39.129 ng
RT: 6.963 min Scan# 676
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion: 94 Resp: 710601

Ion	Ratio	Lower	Upper
94	100		
65	27.0	7.6	47.6
66	34.8	15.8	55.8



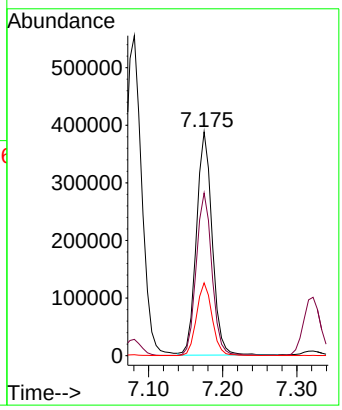


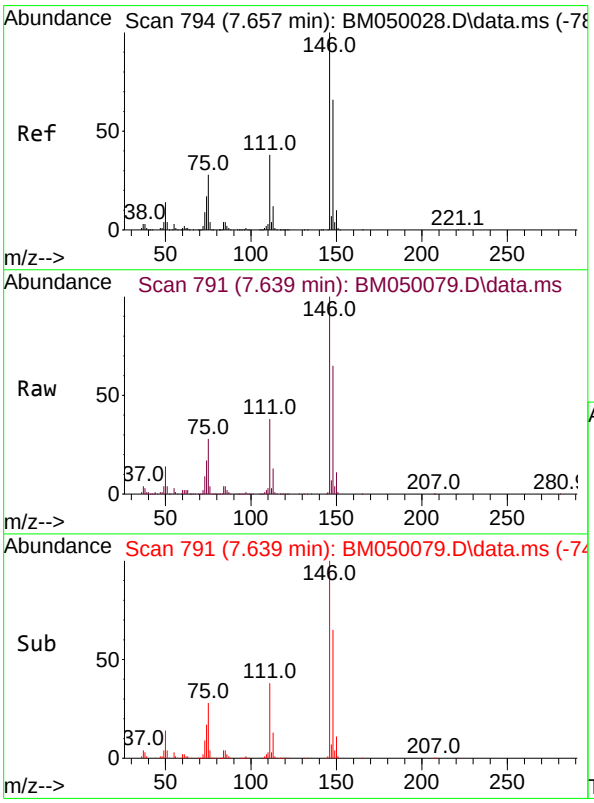
#11
bis(2-Chloroethyl)ether
Concen: 37.651 ng
RT: 7.175 min Scan# 71
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 570956

Ion	Ratio	Lower	Upper
93	100		
63	72.7	52.3	92.3
95	32.5	12.8	52.8

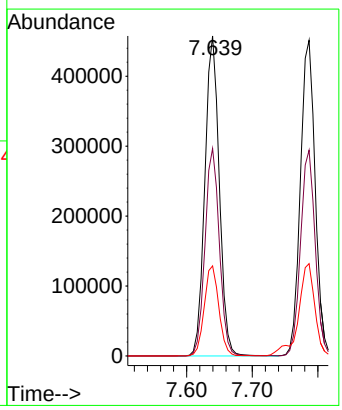


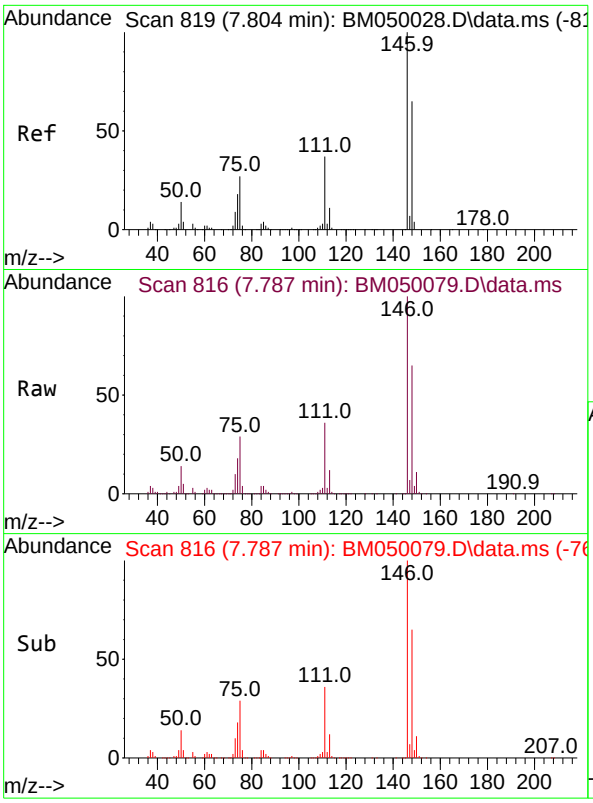


#12
1,3-Dichlorobenzene
Concen: 37.605 ng
RT: 7.639 min Scan# 791
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:146 Resp: 701013

Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.5	78.7
75	28.1	22.6	34.0



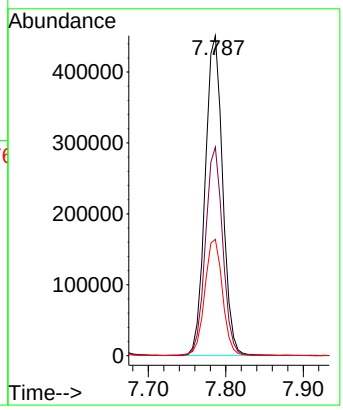


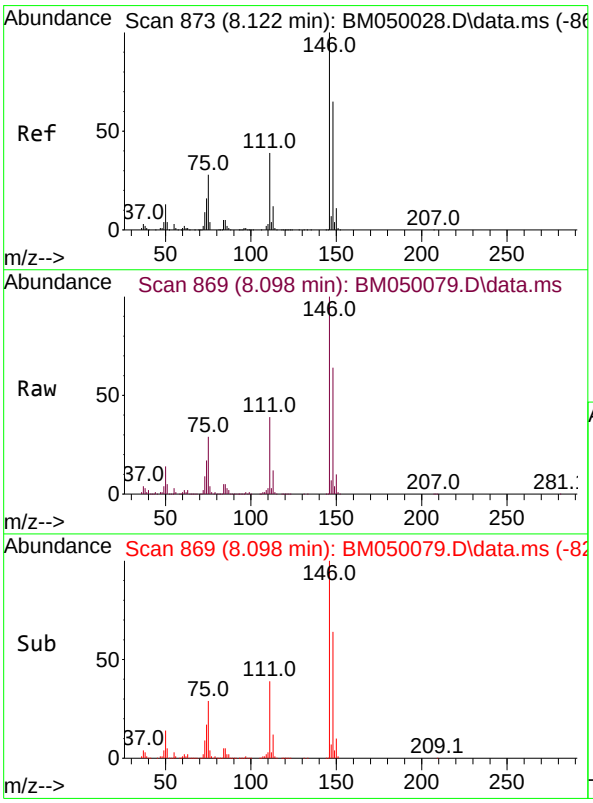
#13
1,4-Dichlorobenzene
Concen: 37.620 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 704535

Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
111	36.3	29.3	43.9

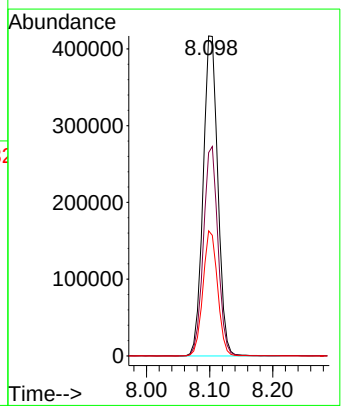


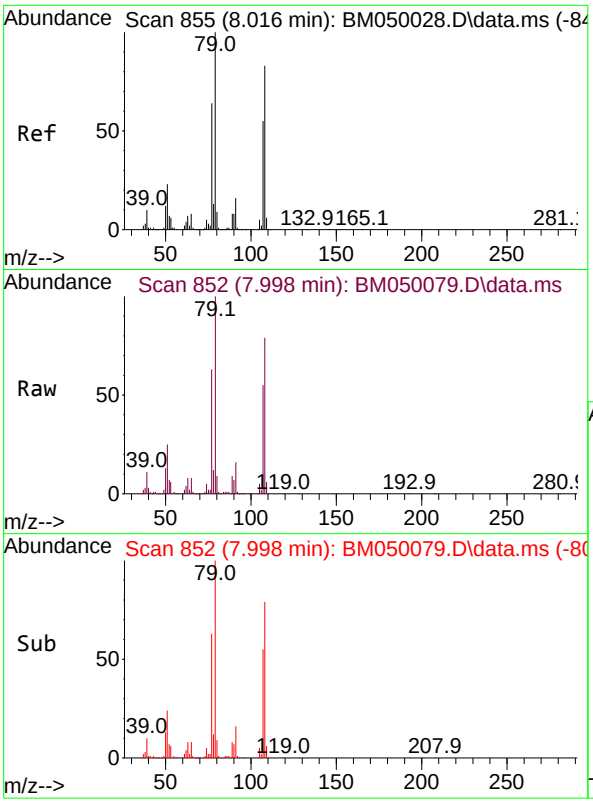


#14
1,2-Dichlorobenzene
Concen: 37.365 ng
RT: 8.098 min Scan# 869
Delta R.T. -0.024 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:146 Resp: 675943

Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.4	78.6
111	39.1	31.0	46.6



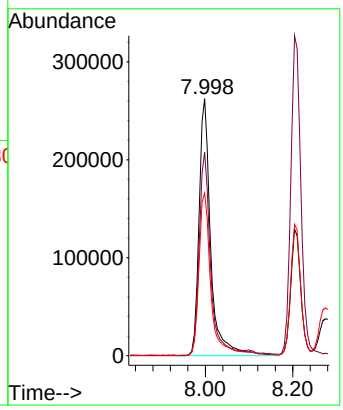


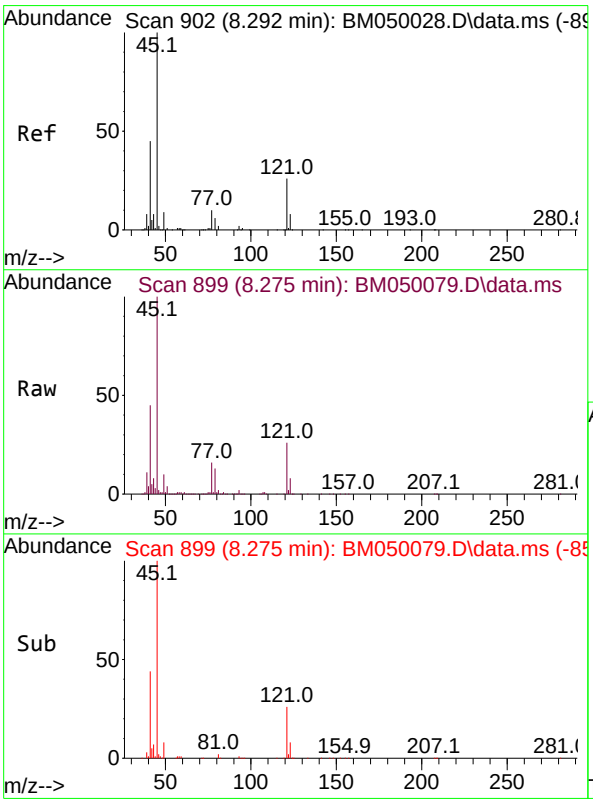
#15
Benzyl Alcohol
Concen: 39.373 ng
RT: 7.998 min Scan# 8
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 489827

Ion	Ratio	Lower	Upper
79	100		
108	79.1	66.0	99.0
77	63.3	51.6	77.4

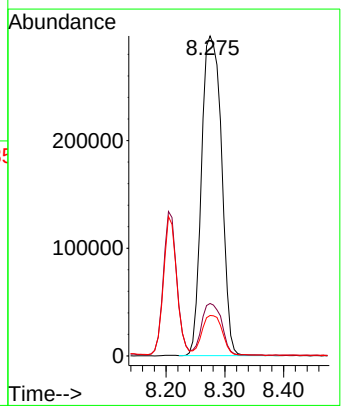


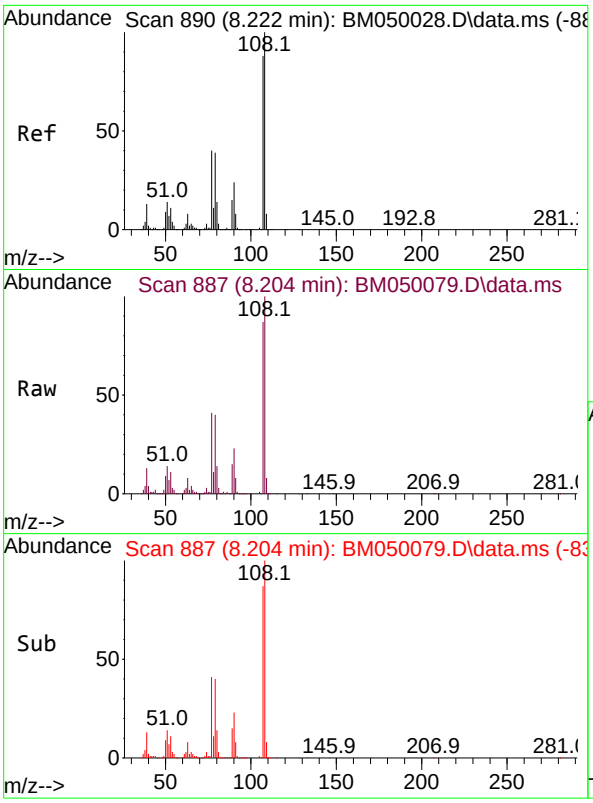


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.964 ng
RT: 8.275 min Scan# 899
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion: 45 Resp: 699808

Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	36.4
79	12.6	0.0	32.7



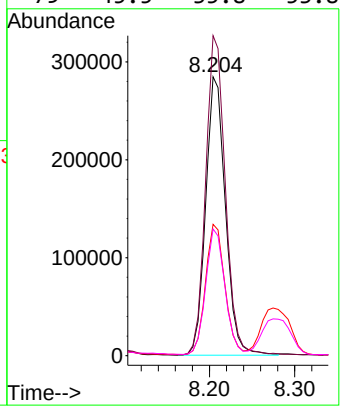


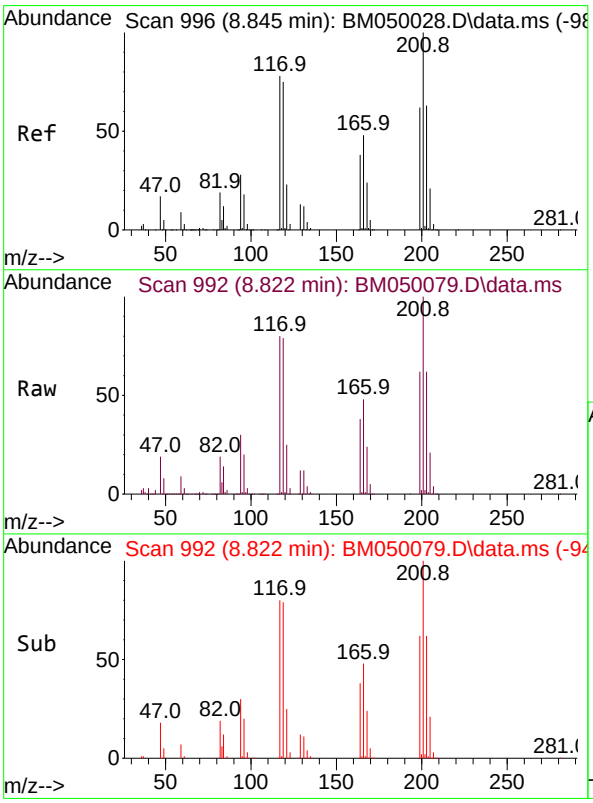
#17
2-Methylphenol
Concen: 38.294 ng
RT: 8.204 min Scan# 8
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 458138

Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.1	136.7
77	47.1	36.2	54.4
79	45.5	35.8	53.8

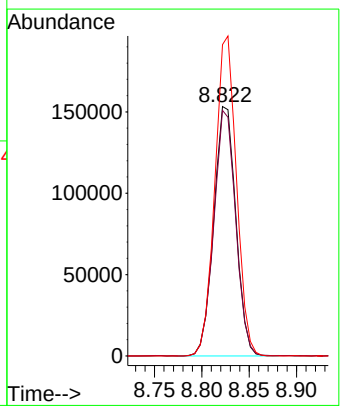


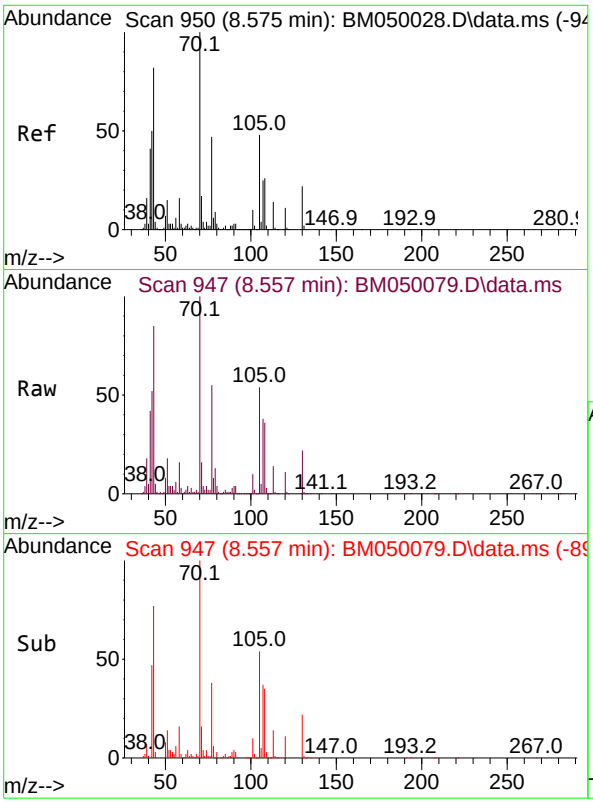


#18
Hexachloroethane
Concen: 37.383 ng
RT: 8.822 min Scan# 992
Delta R.T. -0.024 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:117 Resp: 248872

Ion	Ratio	Lower	Upper
117	100		
119	98.4	77.3	115.9
201	124.8	102.8	154.2



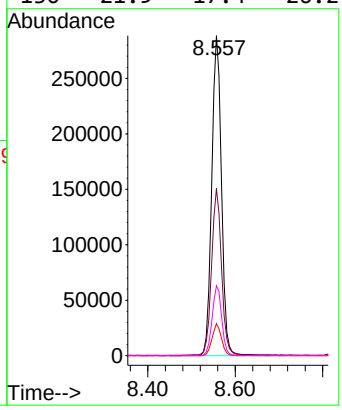


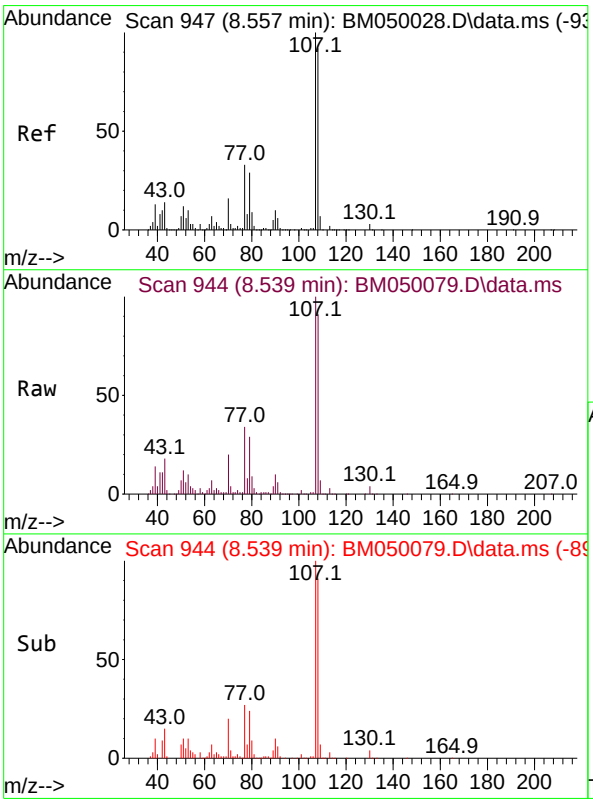
#19
n-Nitroso-di-n-propylamine
Concen: 38.935 ng
RT: 8.557 min Scan# 94
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 447961

Ion	Ratio	Lower	Upper
70	100		
42	52.2	40.5	60.7
101	10.0	7.8	11.6
130	21.9	17.4	26.2

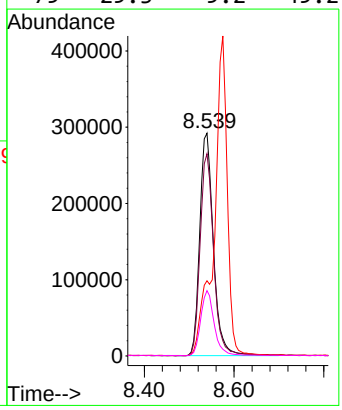


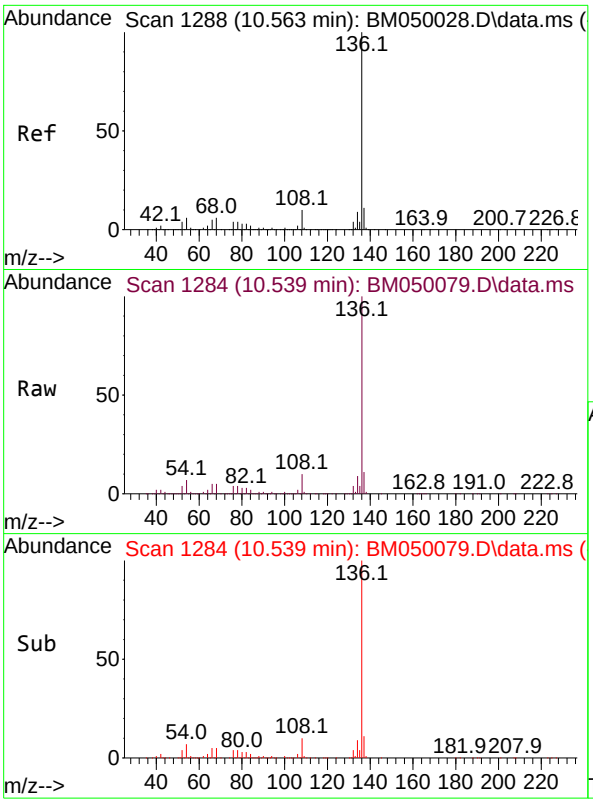


#20
3+4-Methylphenols
Concen: 38.049 ng
RT: 8.539 min Scan# 944
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:107 Resp: 614737

Ion	Ratio	Lower	Upper
107	100		
108	90.8	72.4	112.4
77	33.8	13.6	53.6
79	29.3	9.2	49.2



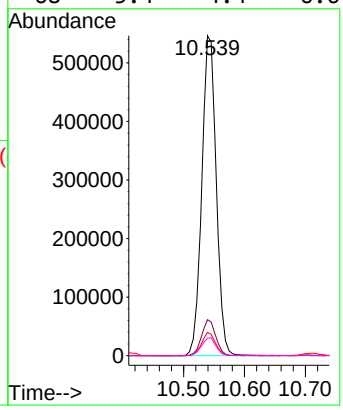


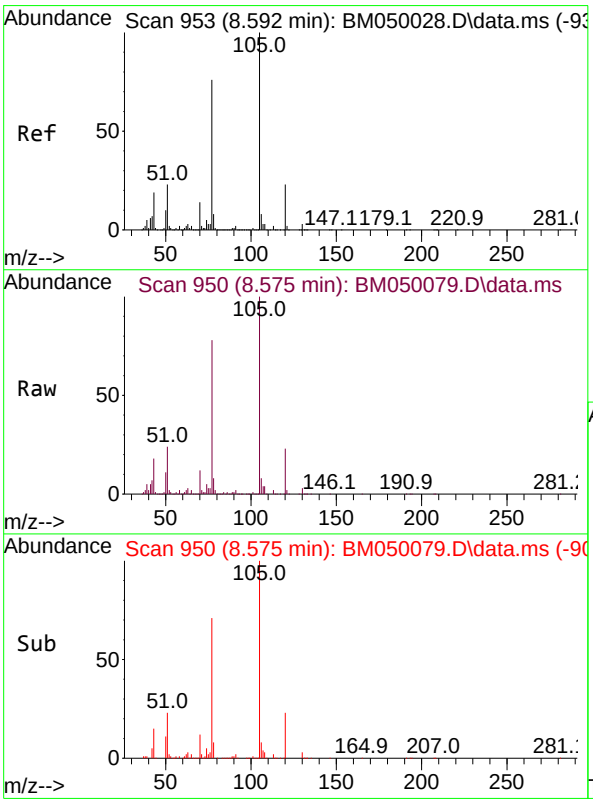
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 901454

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.3	5.1	7.7
68	5.4	4.4	6.6

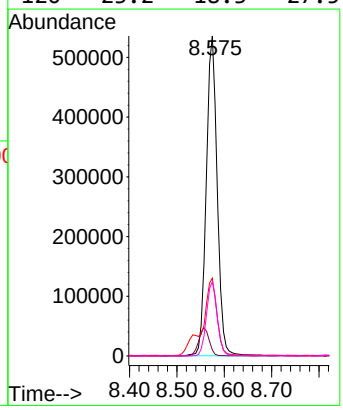


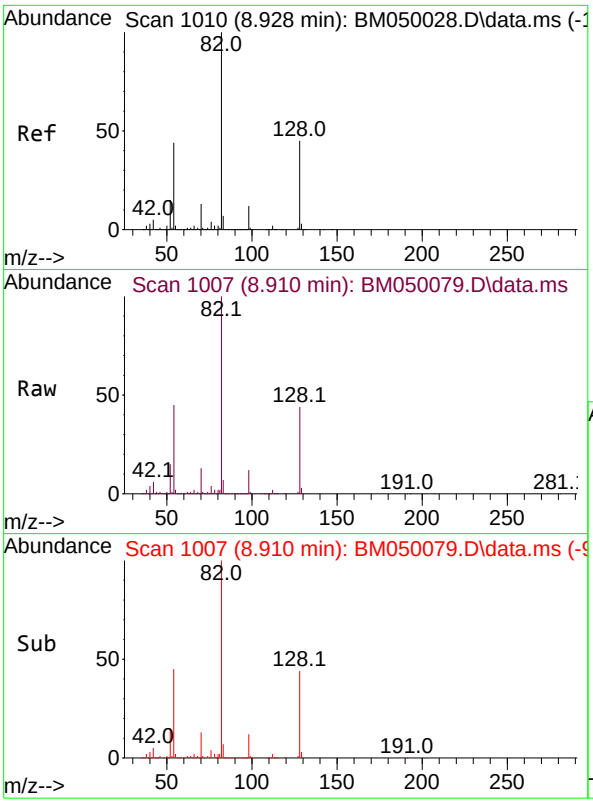


#22
Acetophenone
Concen: 38.525 ng
RT: 8.575 min Scan# 950
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:105 Resp: 863404

Ion	Ratio	Lower	Upper
105	100		
71	1.9	1.7	2.5
51	24.3	18.6	27.8
120	23.2	18.3	27.5



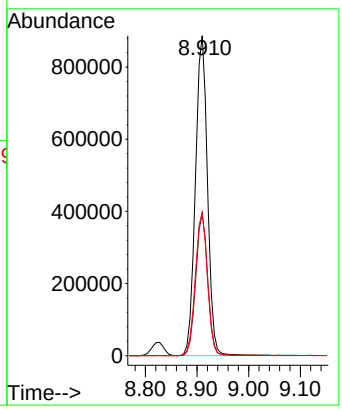


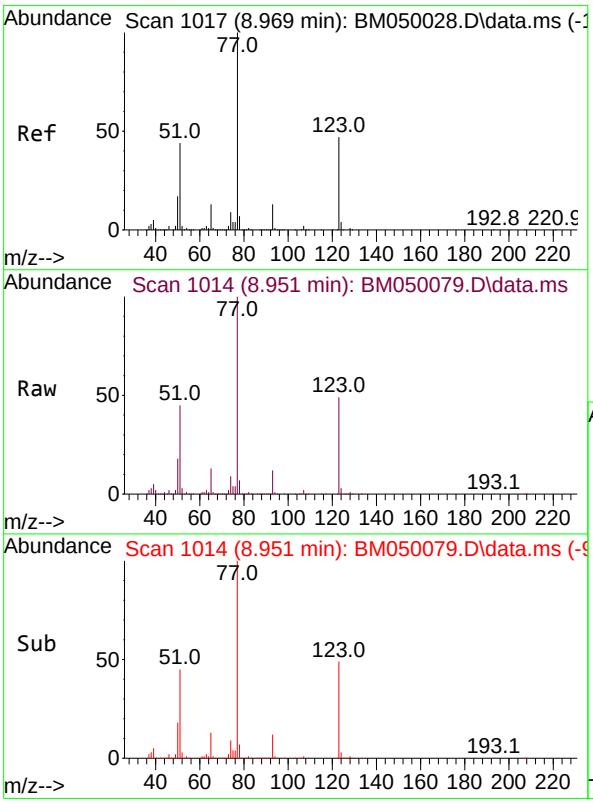
#23
Nitrobenzene-d5
Concen: 78.546 ng
RT: 8.910 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1436913

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.7	53.5
54	44.9	35.4	53.2

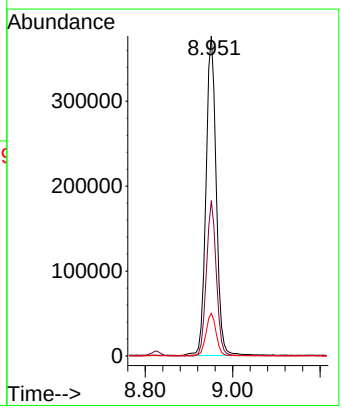


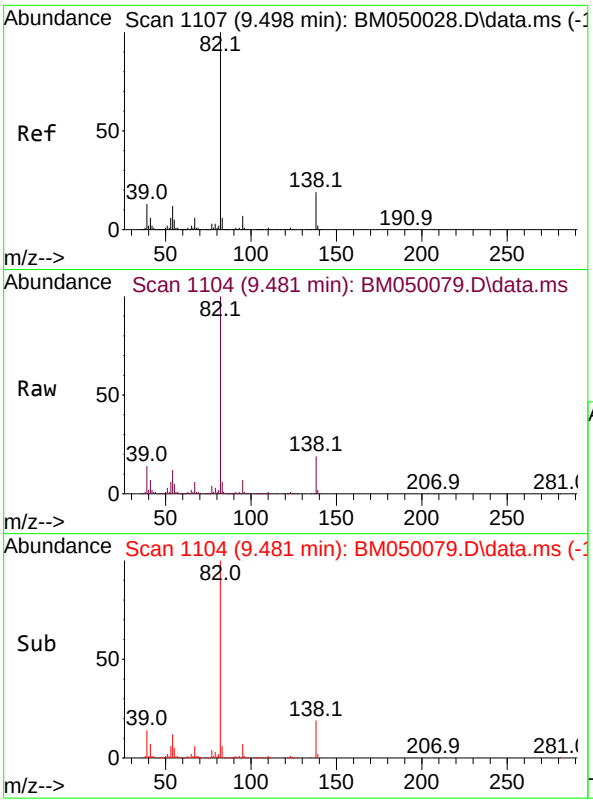


#24
Nitrobenzene
Concen: 38.806 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion: 77 Resp: 613826

Ion	Ratio	Lower	Upper
77	100		
123	48.6	37.9	56.9
65	13.3	10.1	15.1



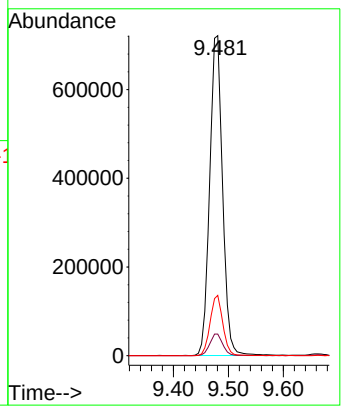


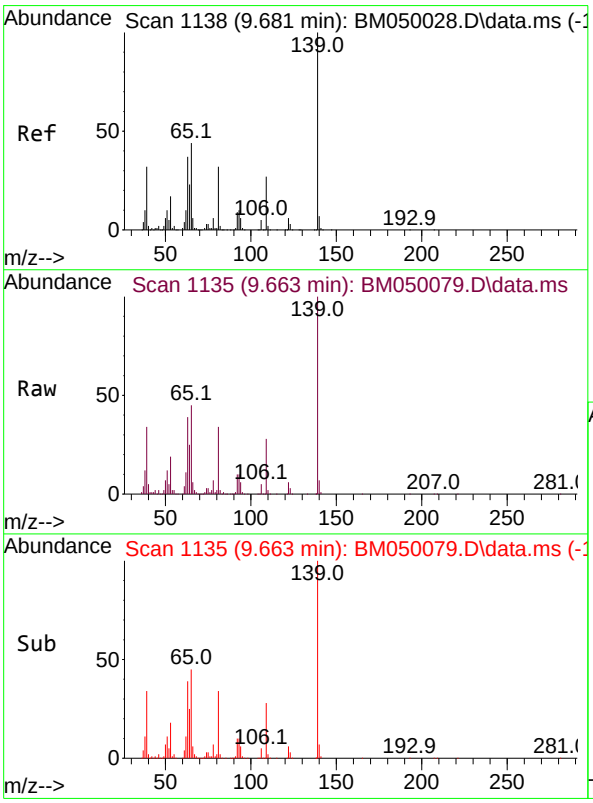
#25
Isophorone
Concen: 37.703 ng
RT: 9.481 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1175706

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.7	8.5
138	18.9	15.5	23.3

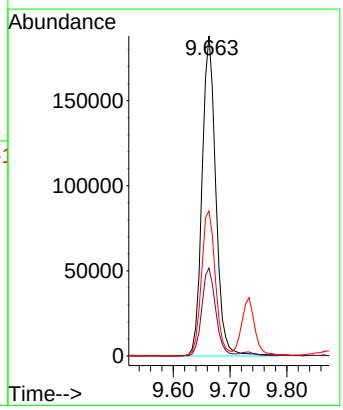


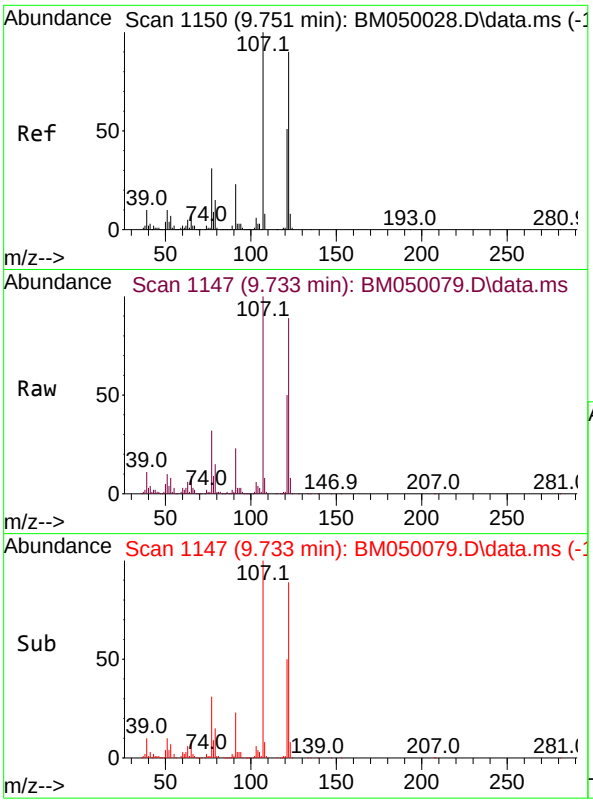


#26
2-Nitrophenol
Concen: 39.122 ng
RT: 9.663 min Scan# 1135
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:139 Resp: 316142

Ion	Ratio	Lower	Upper
139	100		
109	27.5	21.9	32.9
65	45.3	35.4	53.2



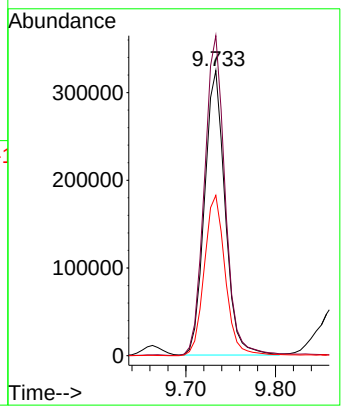


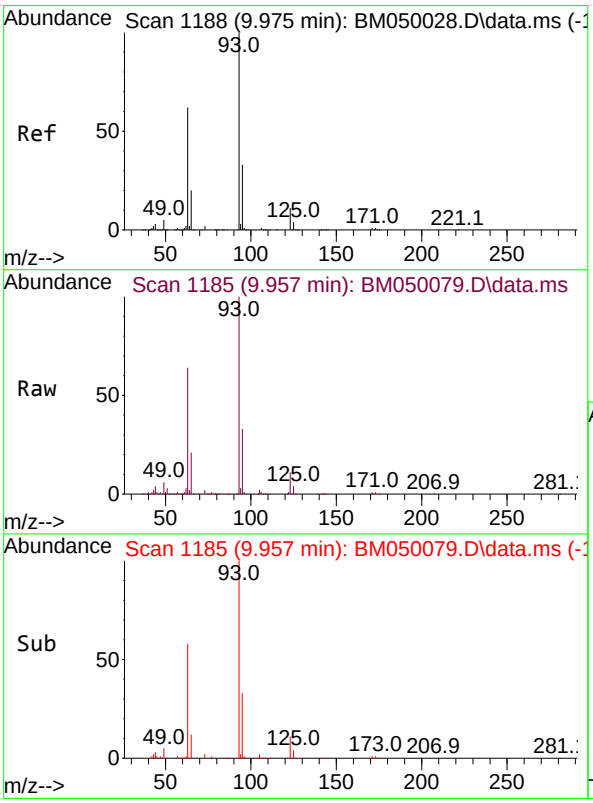
#27
2,4-Dimethylphenol
Concen: 38.599 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 517278

Ion	Ratio	Lower	Upper
122	100		
107	112.2	89.0	133.6
121	56.3	45.6	68.4

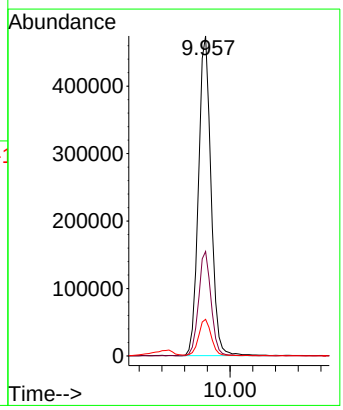


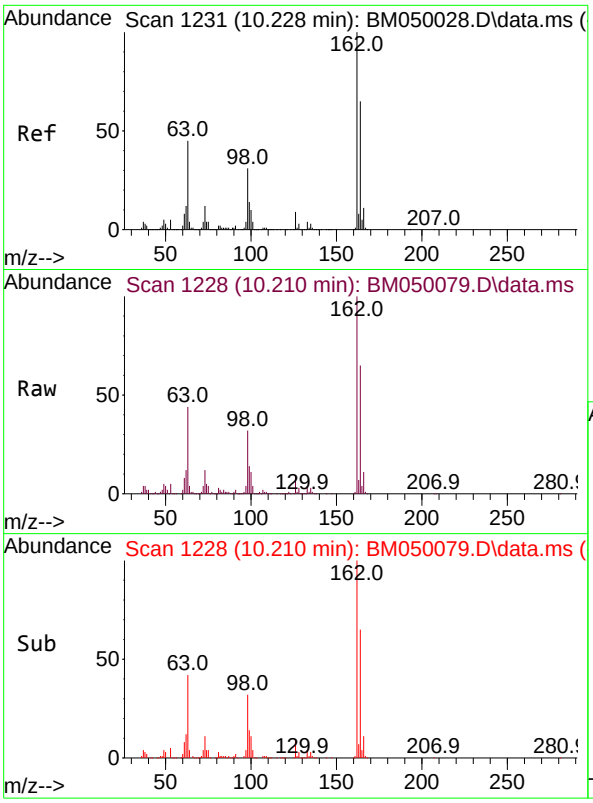


#28
bis(2-Chloroethoxy)methane
Concen: 37.830 ng
RT: 9.957 min Scan# 1185
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion: 93 Resp: 729132

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.1	39.1
123	11.4	9.5	14.3



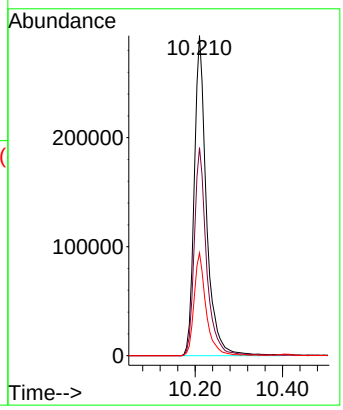


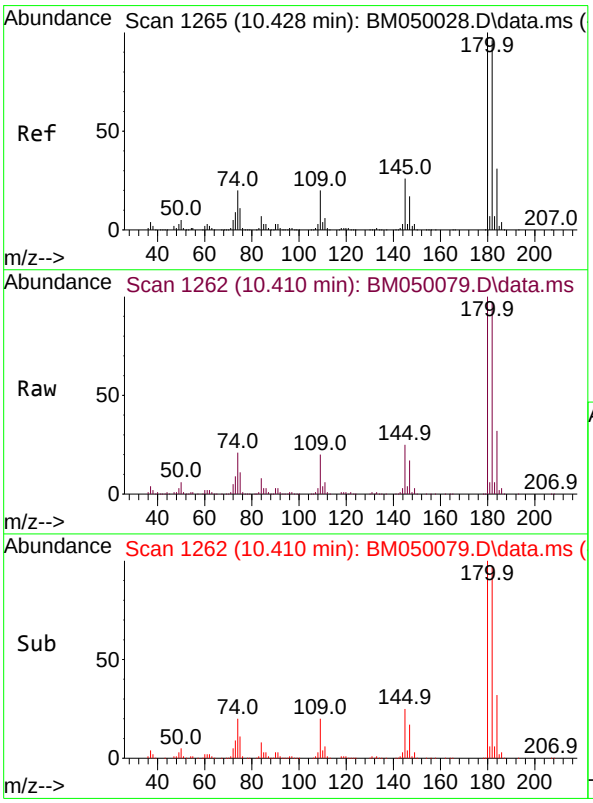
#29
2,4-Dichlorophenol
Concen: 38.188 ng
RT: 10.210 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 573328

Ion	Ratio	Lower	Upper
162	100		
164	65.0	45.4	85.4
98	32.1	11.3	51.3

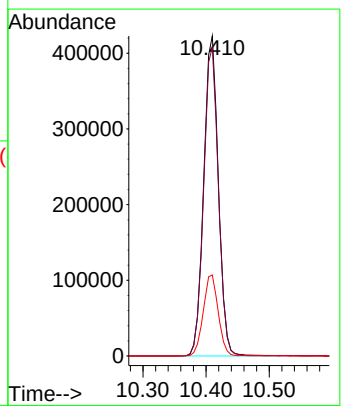


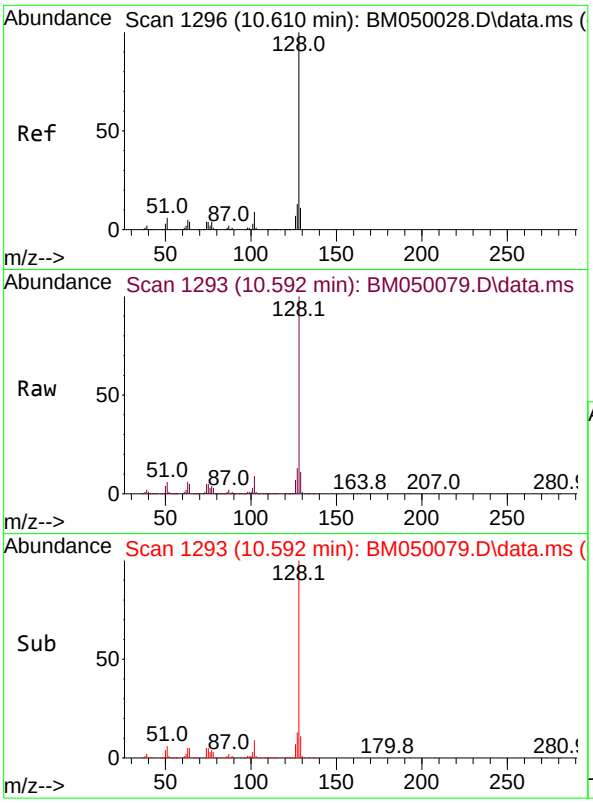


#30
1,2,4-Trichlorobenzene
Concen: 37.330 ng
RT: 10.410 min Scan# 1262
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:180 Resp: 682829

Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.0	115.4
145	25.3	20.6	30.8



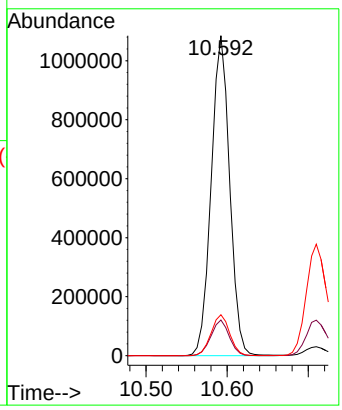


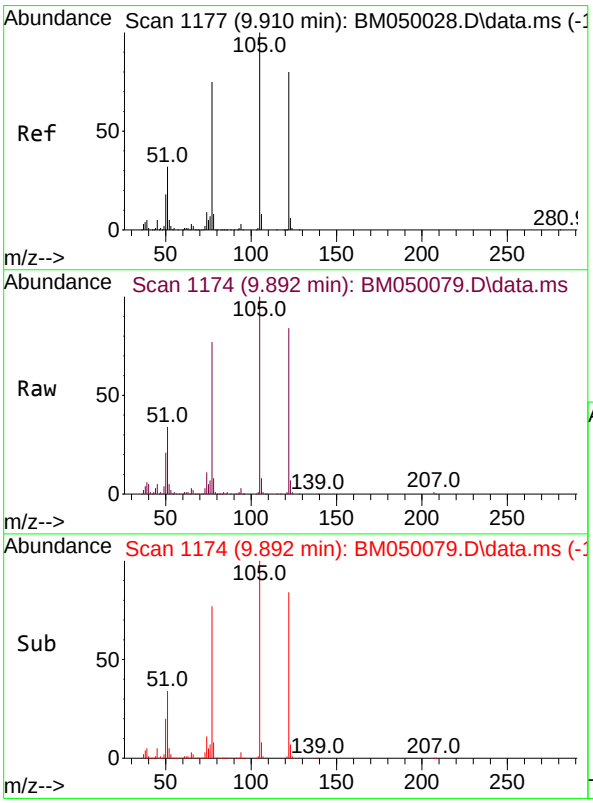
#31
Naphthalene
Concen: 37.533 ng
RT: 10.592 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1713444

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	12.8	10.4	15.6

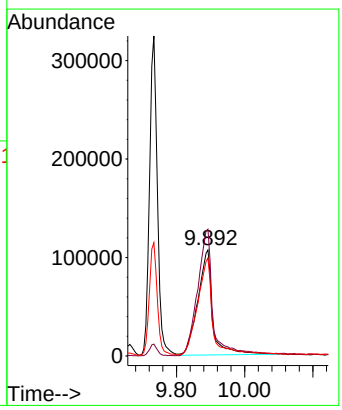


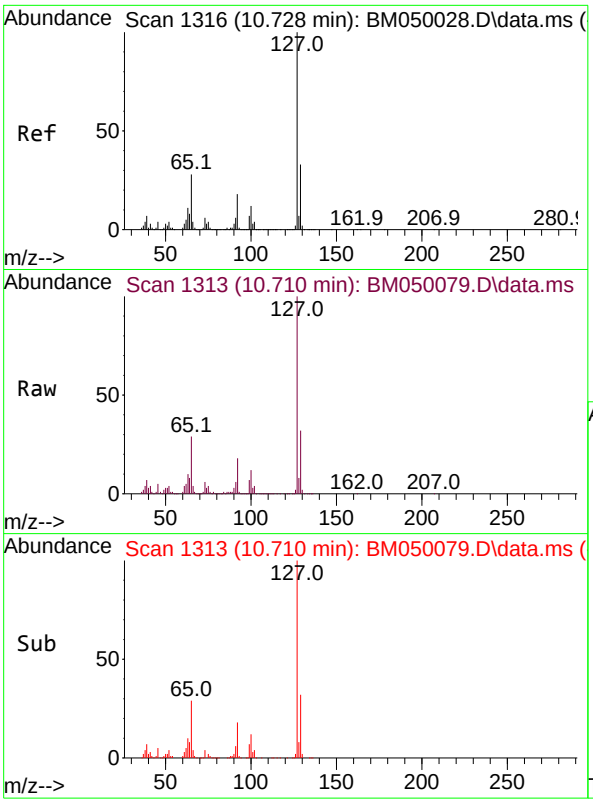


#32
Benzoic acid
Concen: 37.760 ng
RT: 9.892 min Scan# 1174
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:122 Resp: 323636

Ion	Ratio	Lower	Upper
122	100		
105	119.4	103.6	143.6
77	92.3	73.7	113.7



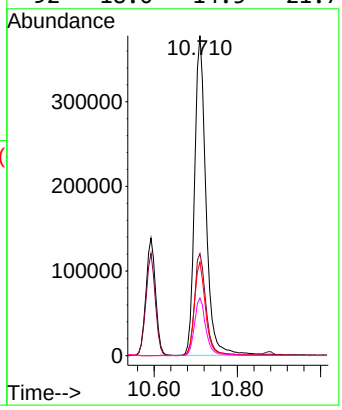


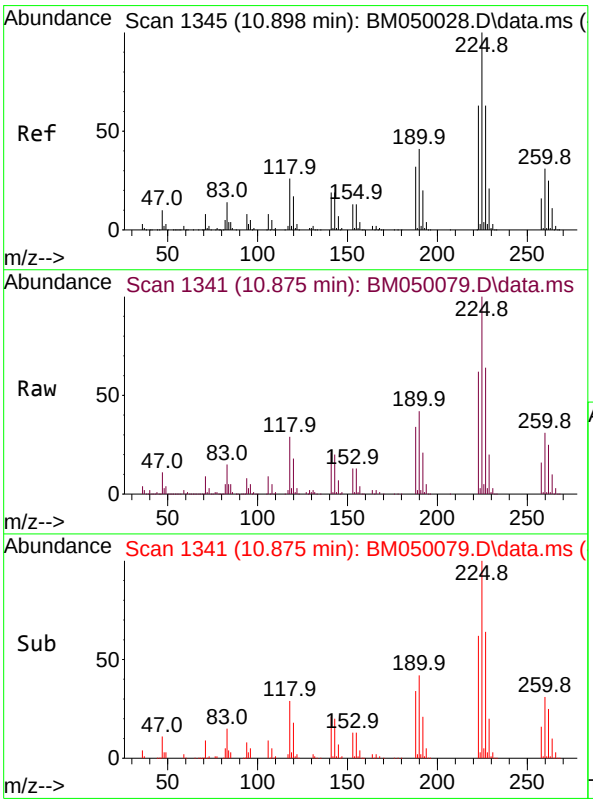
#33
4-Chloroaniline
Concen: 38.567 ng
RT: 10.710 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 721673

Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.3	39.5
65	29.3	22.5	33.7
92	18.0	14.5	21.7

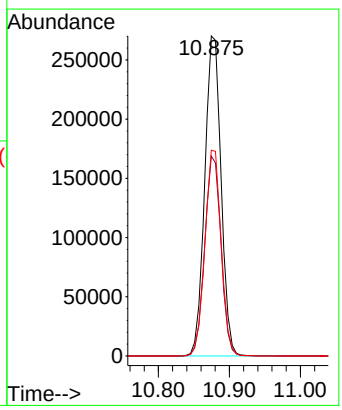


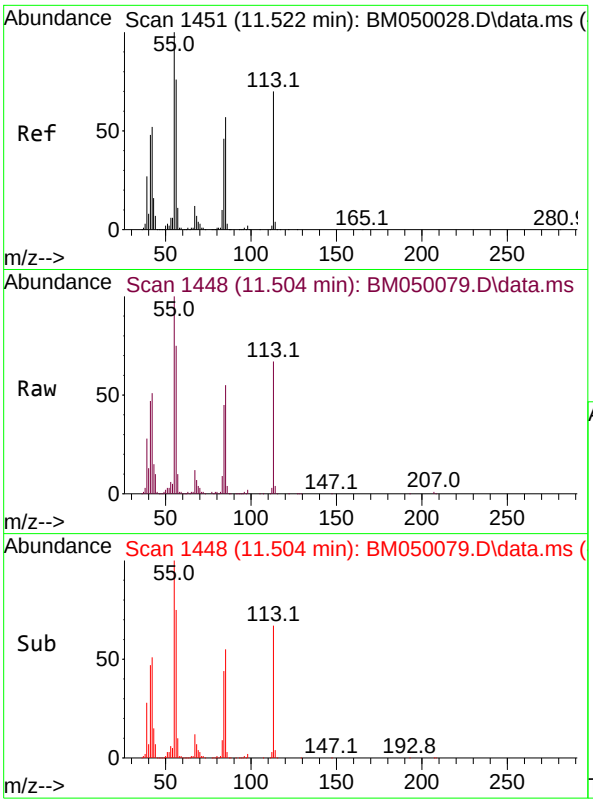


#34
Hexachlorobutadiene
Concen: 37.279 ng
RT: 10.875 min Scan# 1341
Delta R.T. -0.024 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:225 Resp: 432840

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.2	75.2
227	64.3	50.6	76.0



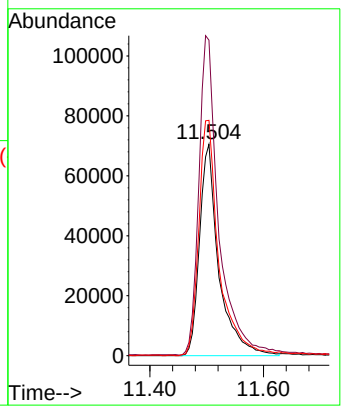


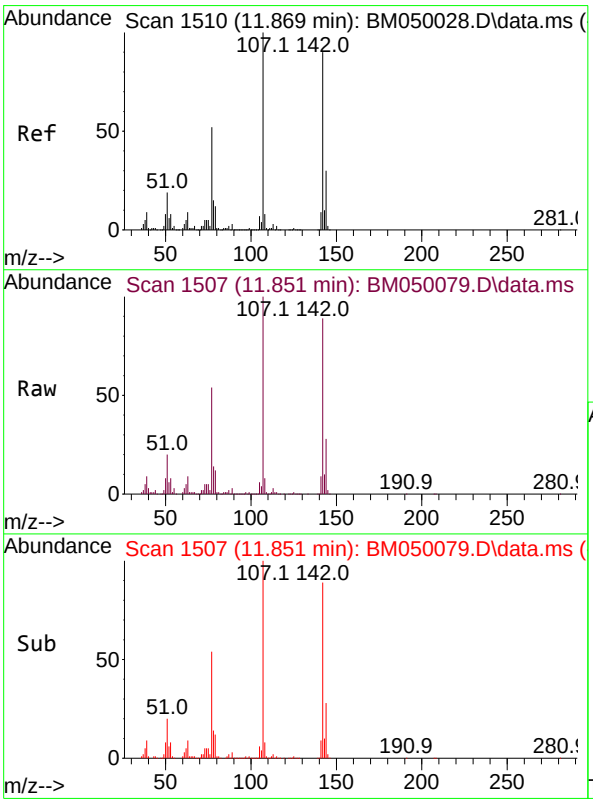
#35
Caprolactam
Concen: 37.988 ng
RT: 11.504 min Scan# 14
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 166290

Ion	Ratio	Lower	Upper
113	100		
55	149.3	122.9	162.9
56	111.4	88.1	128.1

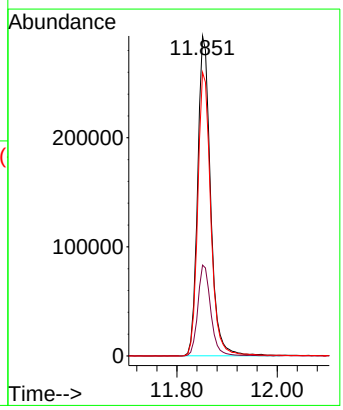


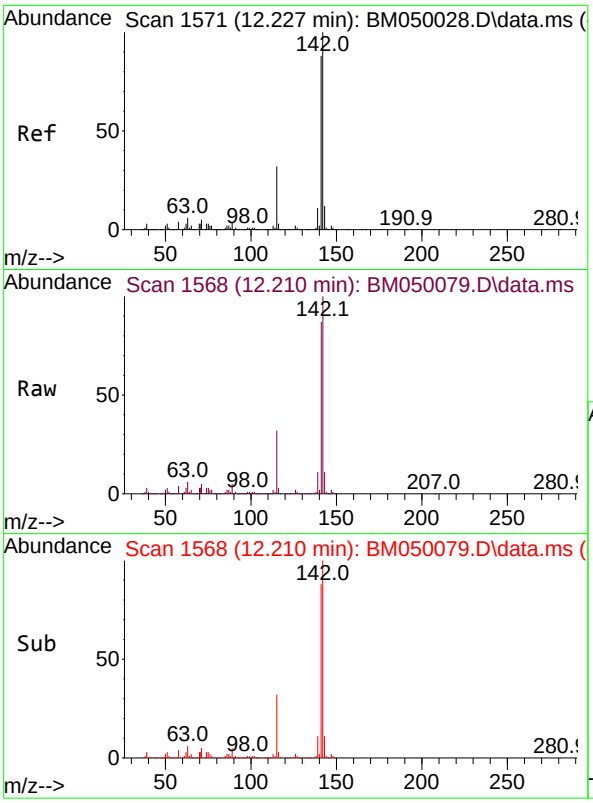


#36
4-Chloro-3-methylphenol
Concen: 37.723 ng
RT: 11.851 min Scan# 1507
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:107 Resp: 523243

Ion	Ratio	Lower	Upper
107	100		
144	28.4	23.8	35.6
142	88.6	71.9	107.9



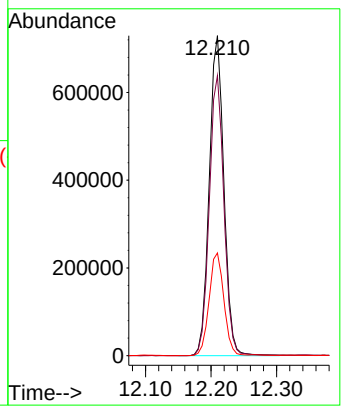


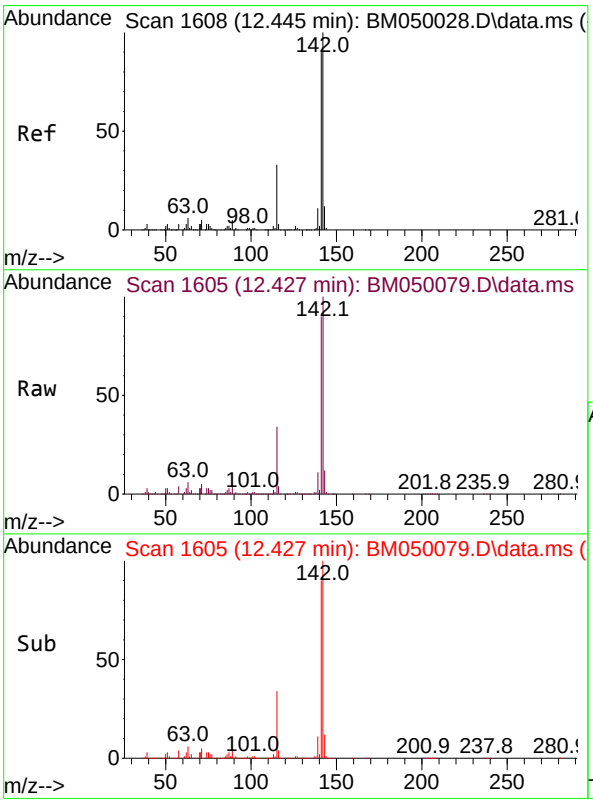
#37
2-Methylnaphthalene
Concen: 36.961 ng
RT: 12.210 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 1131272

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.4	105.6
115	32.1	25.4	38.2

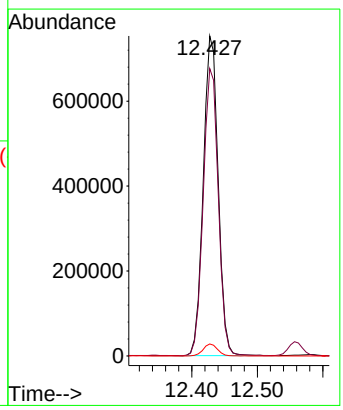


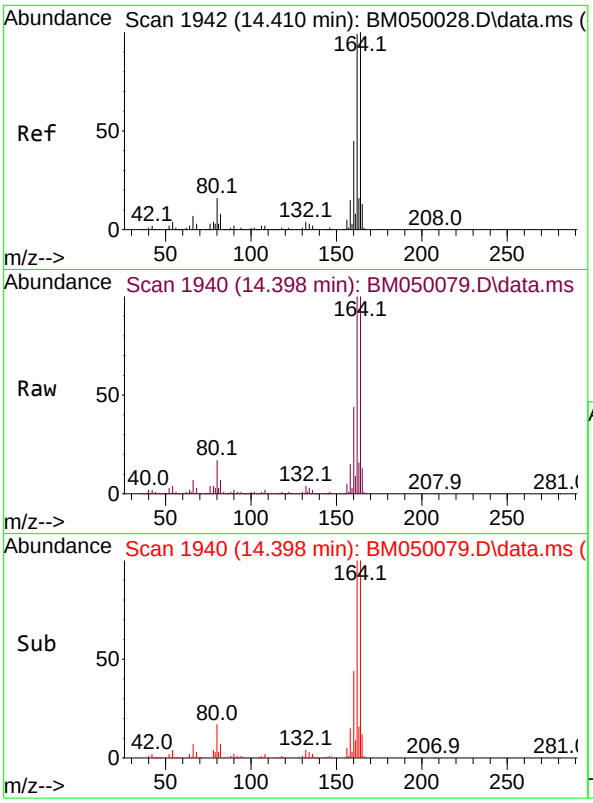


#38
1-Methylnaphthalene
Concen: 36.729 ng
RT: 12.427 min Scan# 1605
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:142 Resp: 1189696

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.1	108.1
116	3.8	2.7	4.1



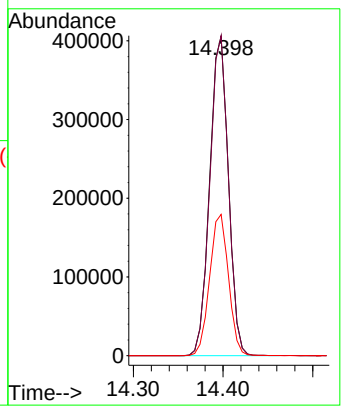


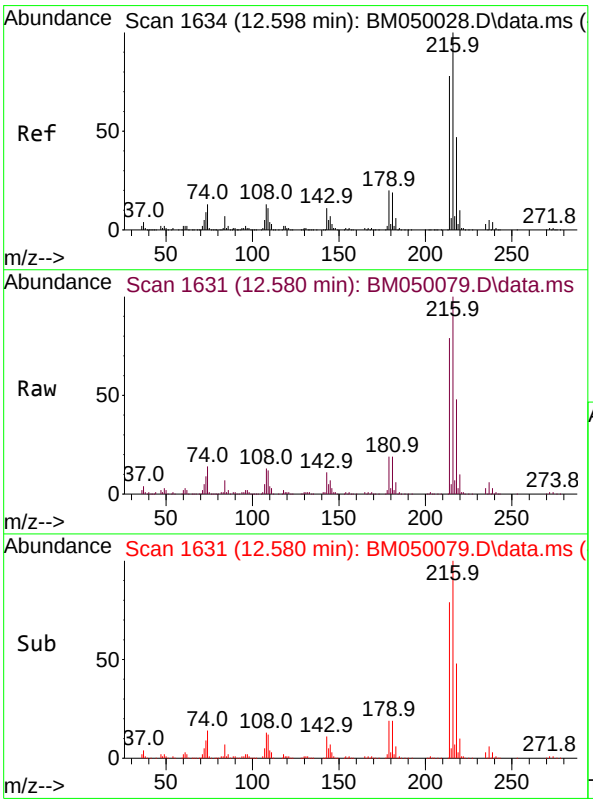
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 586754

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.4	119.0
160	44.3	36.2	54.4

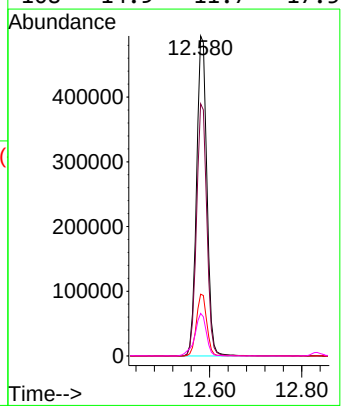


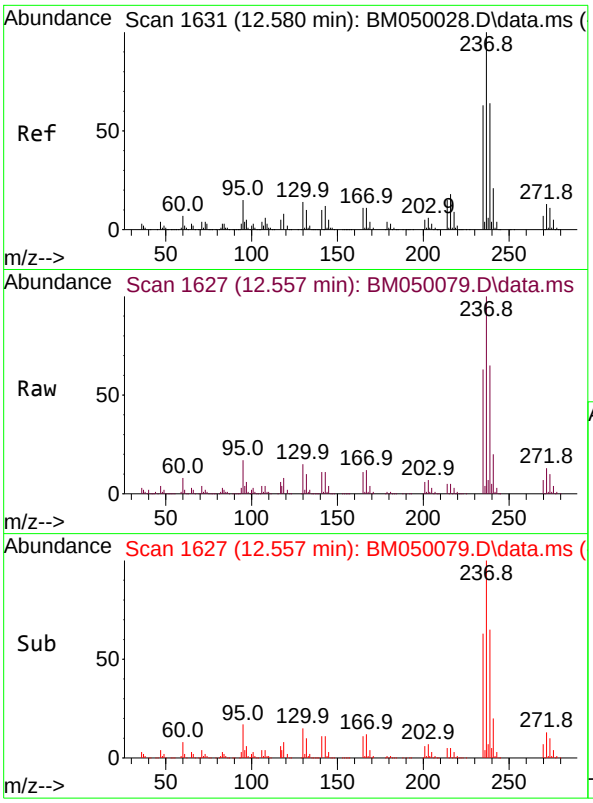


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.818 ng
RT: 12.580 min Scan# 1631
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:216 Resp: 768161

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.3	93.5
179	19.4	15.4	23.0
108	14.9	11.7	17.5



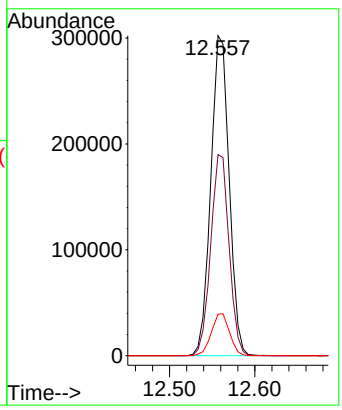


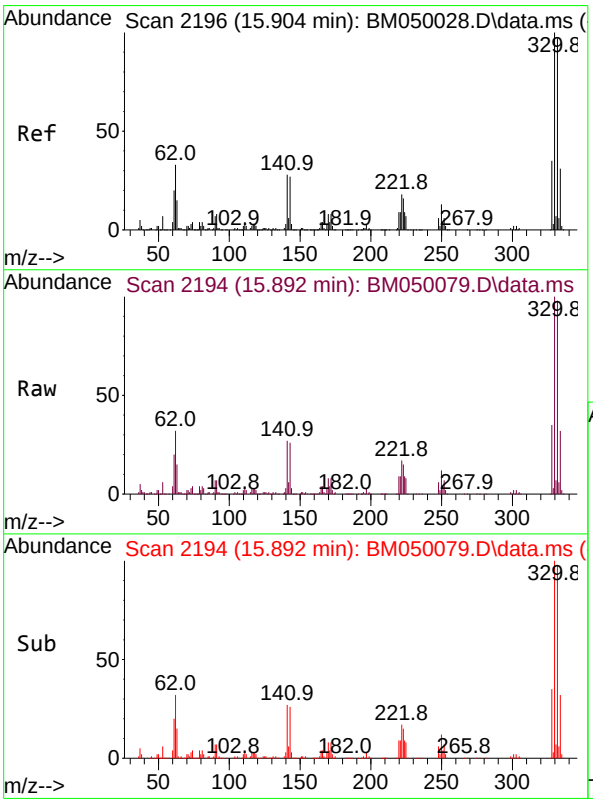
#41
Hexachlorocyclopentadiene
Concen: 36.381 ng
RT: 12.557 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 451598

Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.9	82.9
272	13.0	0.0	32.9

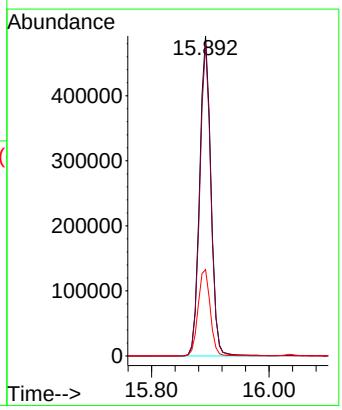


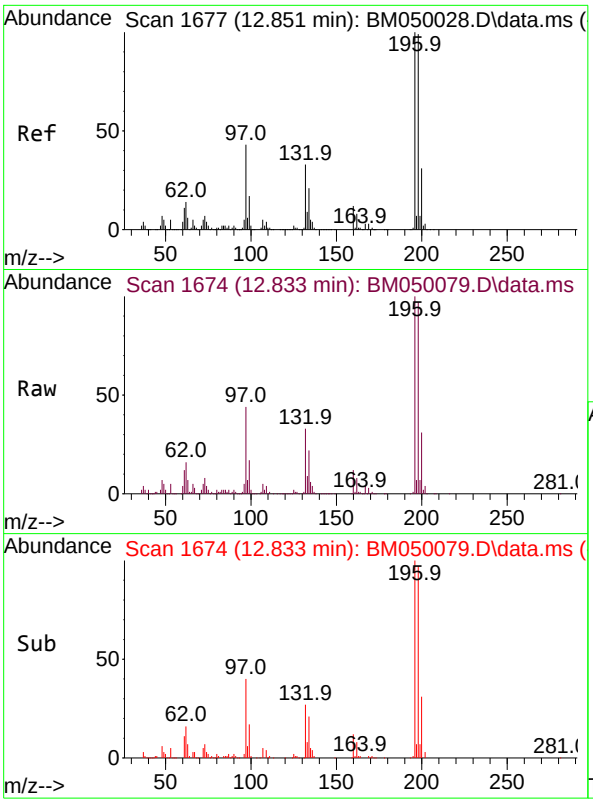


#42
2,4,6-Tribromophenol
Concen: 75.272 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:330 Resp: 653057

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	29.3	22.5	33.7



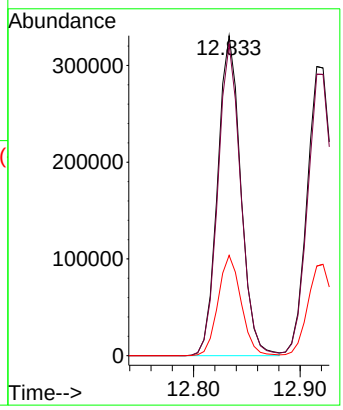


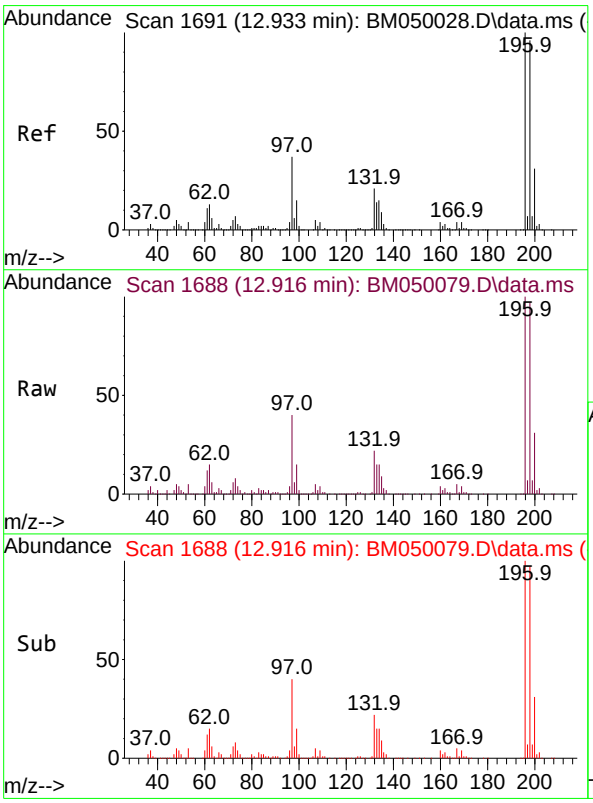
#43
2,4,6-Trichlorophenol
Concen: 38.794 ng
RT: 12.833 min Scan# 1(
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 499787

Ion	Ratio	Lower	Upper
196	100		
198	97.3	79.0	118.6
200	31.4	25.1	37.7

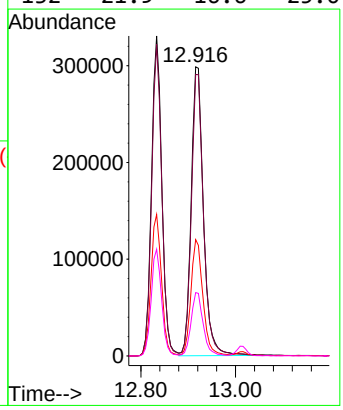


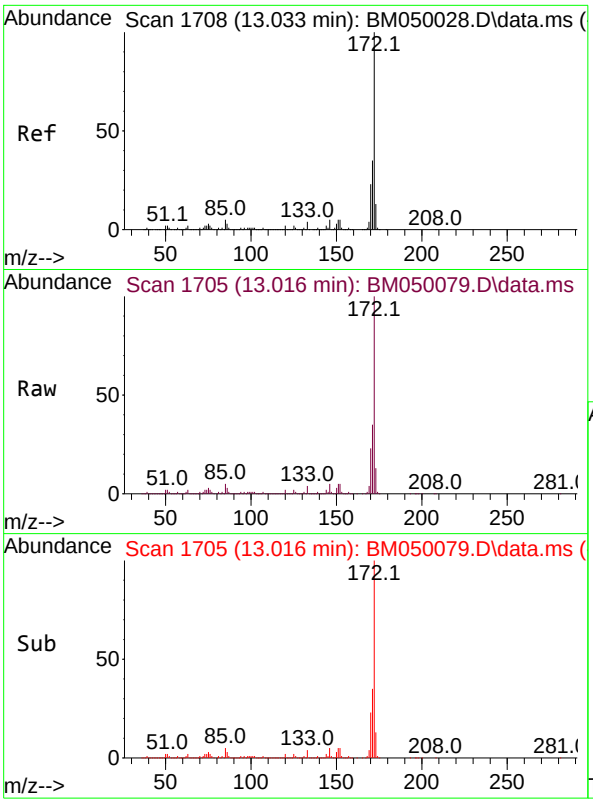


#44
2,4,5-Trichlorophenol
Concen: 38.833 ng
RT: 12.916 min Scan# 1688
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:196 Resp: 539492

Ion	Ratio	Lower	Upper
196	100		
198	97.3	76.7	115.1
97	40.2	30.1	45.1
132	21.9	16.6	25.0



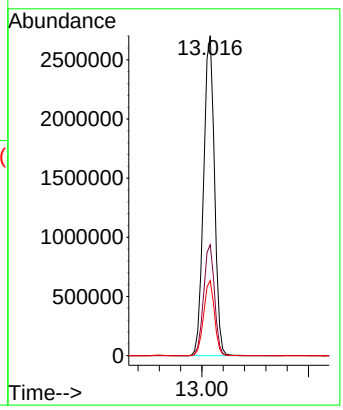


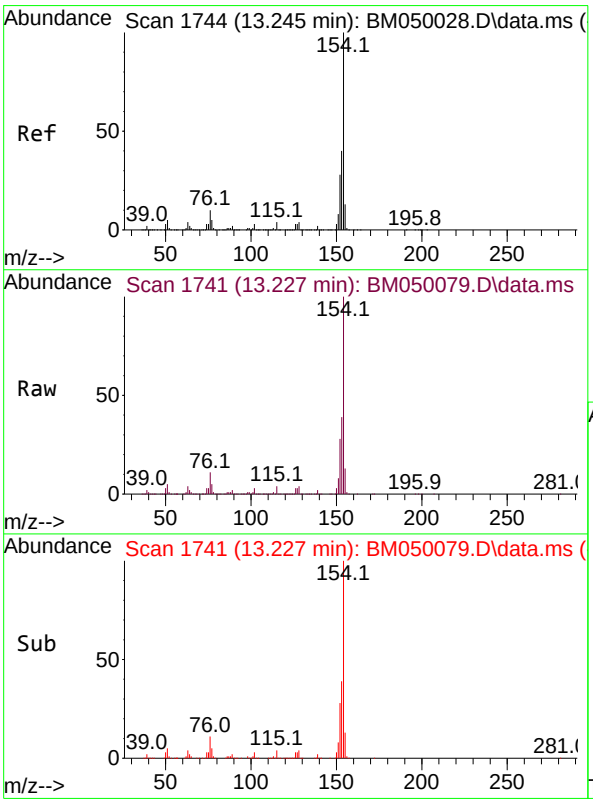
#45
2-Fluorobiphenyl
Concen: 77.076 ng
RT: 13.016 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 3822925

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	23.5	18.6	28.0

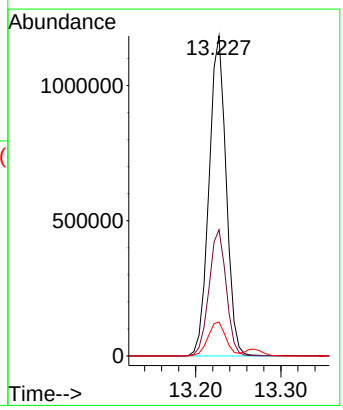


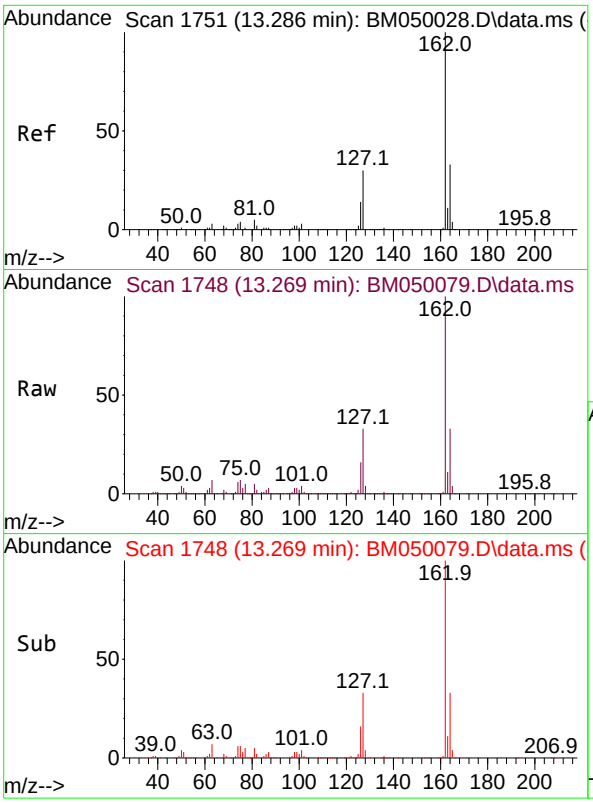


#46
1,1'-Biphenyl
Concen: 37.860 ng
RT: 13.227 min Scan# 1741
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:154 Resp: 1651332

Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.0	60.0
76	10.6	0.0	30.3



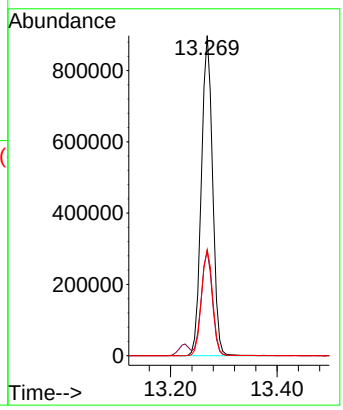


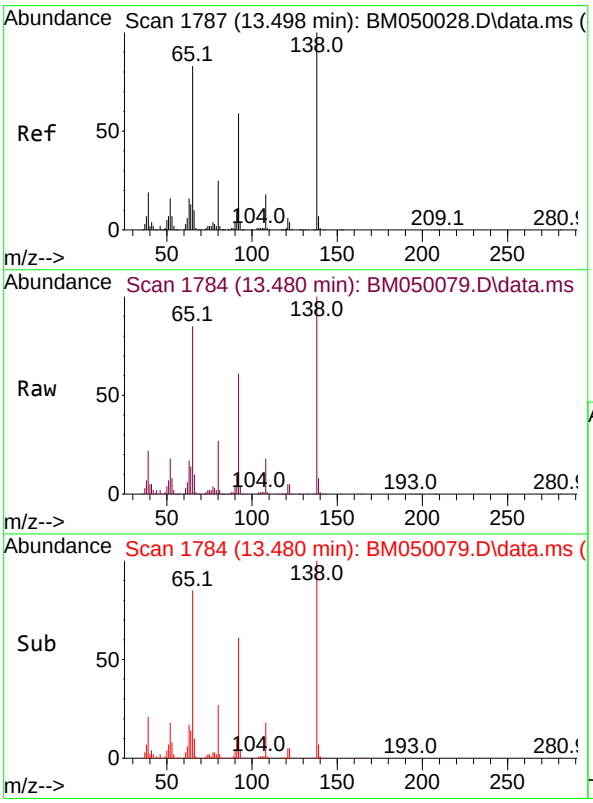
#47
2-Chloronaphthalene
Concen: 37.978 ng
RT: 13.269 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1311916

Ion	Ratio	Lower	Upper
162	100		
127	32.7	25.9	38.9
164	33.1	26.6	40.0

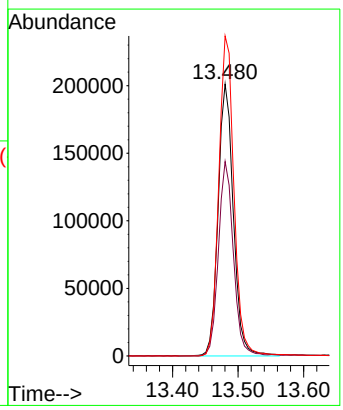


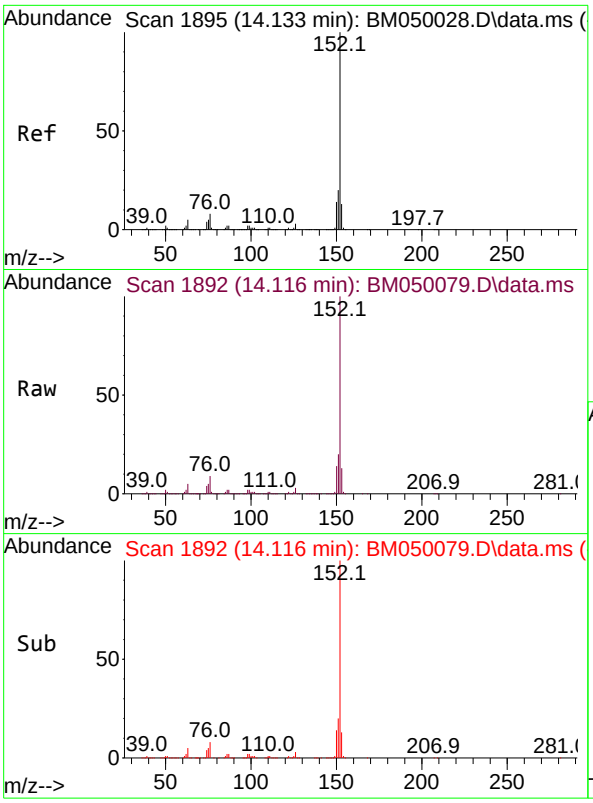


#48
2-Nitroaniline
Concen: 40.073 ng
RT: 13.480 min Scan# 1784
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion: 65 Resp: 324891

Ion	Ratio	Lower	Upper
65	100		
92	71.4	57.1	85.7
138	117.6	97.0	145.4



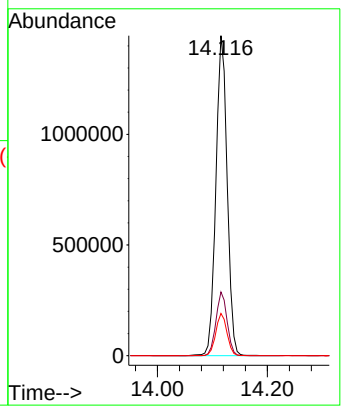


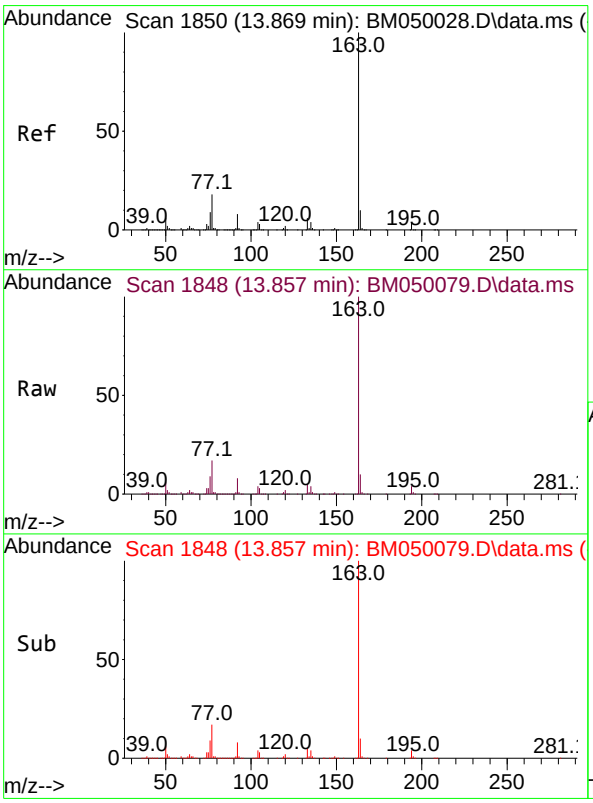
#49
Acenaphthylene
Concen: 37.848 ng
RT: 14.116 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 2061412

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.2	10.6	15.8

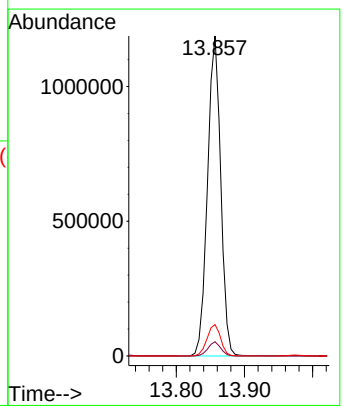


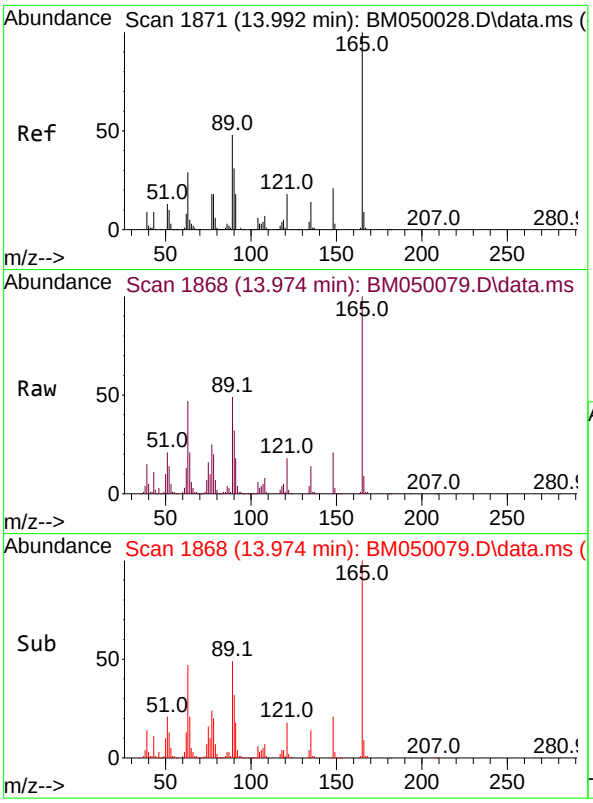


#50
Dimethylphthalate
Concen: 37.339 ng
RT: 13.857 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:163 Resp: 1601126

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.8	8.2	12.2



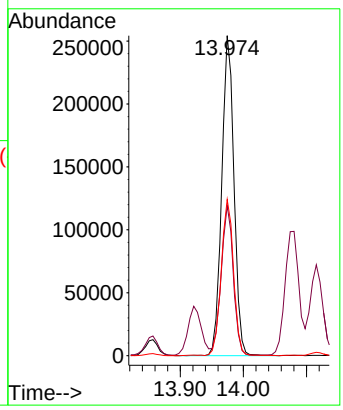


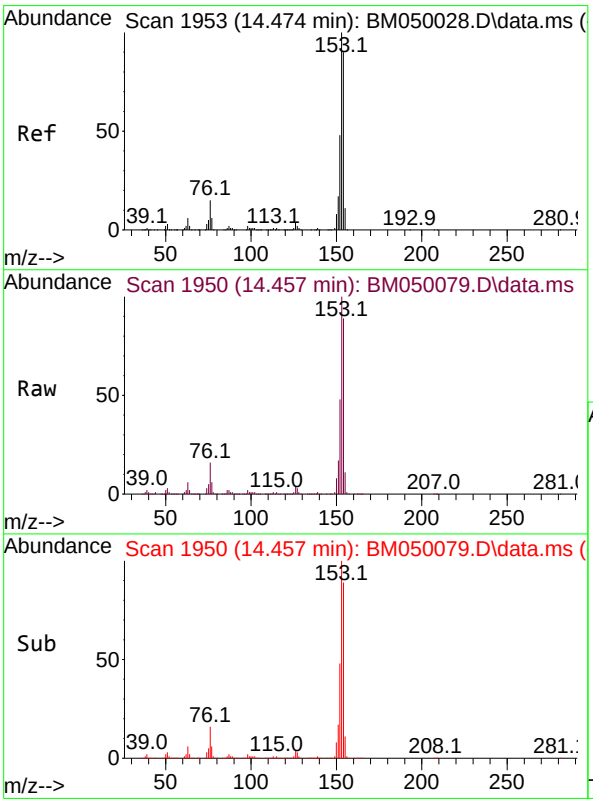
#51
2,6-Dinitrotoluene
Concen: 38.680 ng
RT: 13.974 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 343409

Ion	Ratio	Lower	Upper
165	100		
63	46.9	35.1	52.7
89	48.8	38.4	57.6

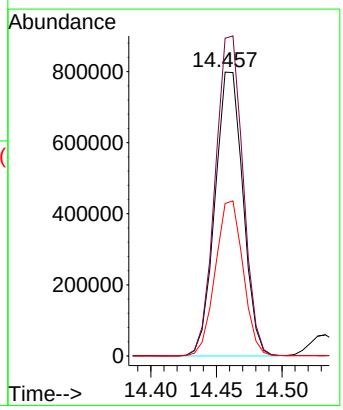


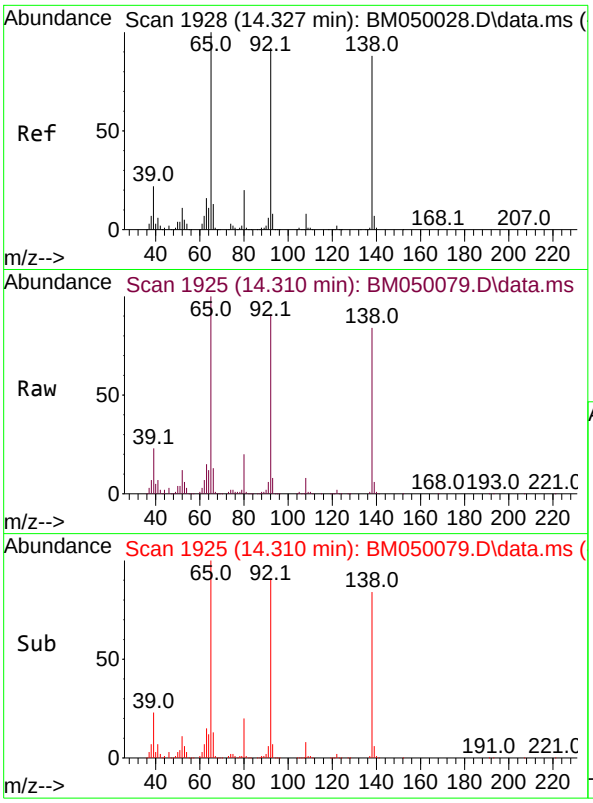


#52
Acenaphthene
Concen: 37.531 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:154 Resp: 1183209

Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.0	133.4
152	53.7	43.0	64.6



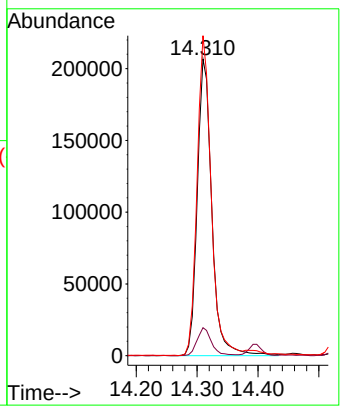


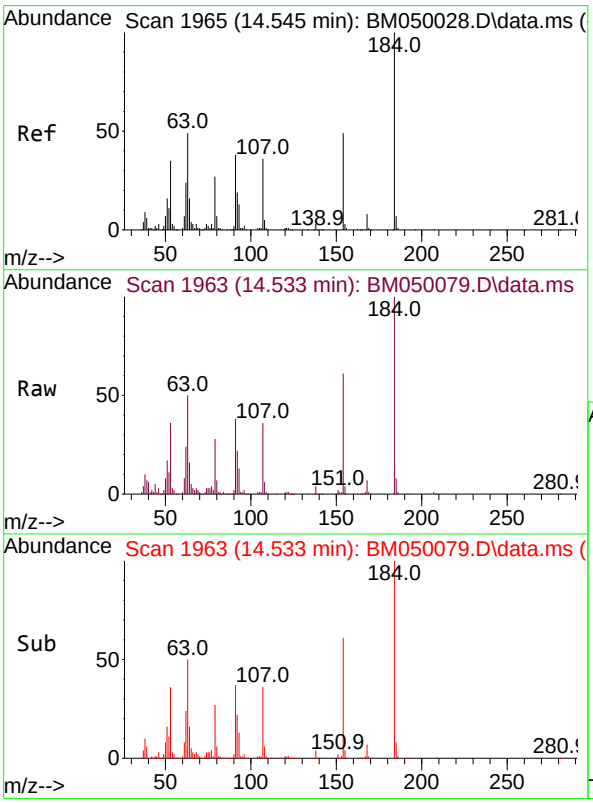
#53
3-Nitroaniline
Concen: 40.397 ng
RT: 14.310 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 342412

Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.4	11.2
92	107.9	84.0	126.0

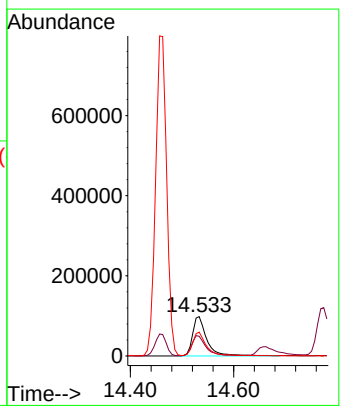


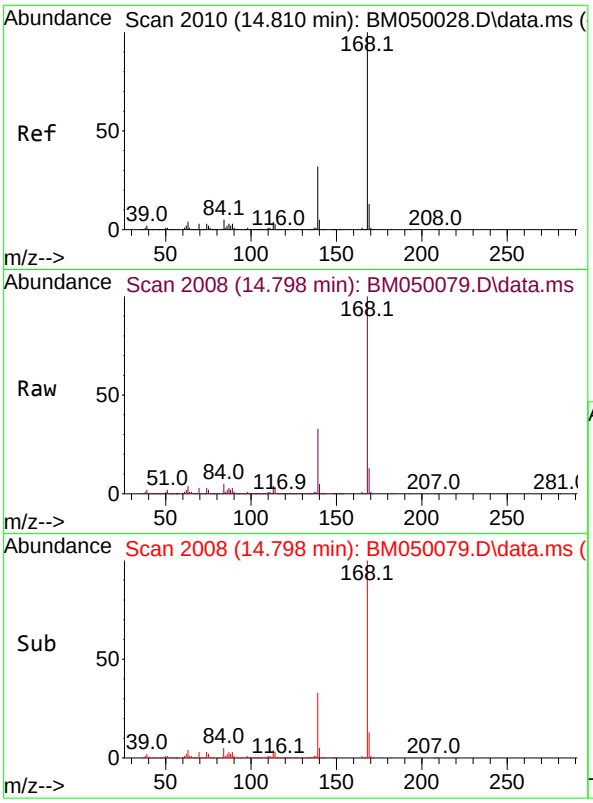


#54
2,4-Dinitrophenol
Concen: 36.316 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:184 Resp: 187142

Ion	Ratio	Lower	Upper
184	100		
63	50.3	39.8	59.6
154	60.7	46.1	69.1



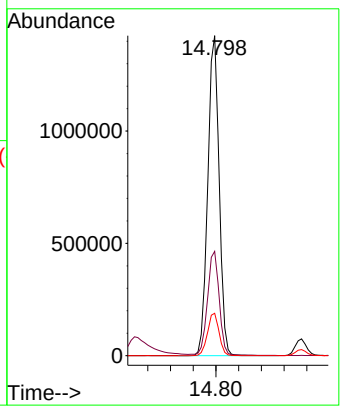


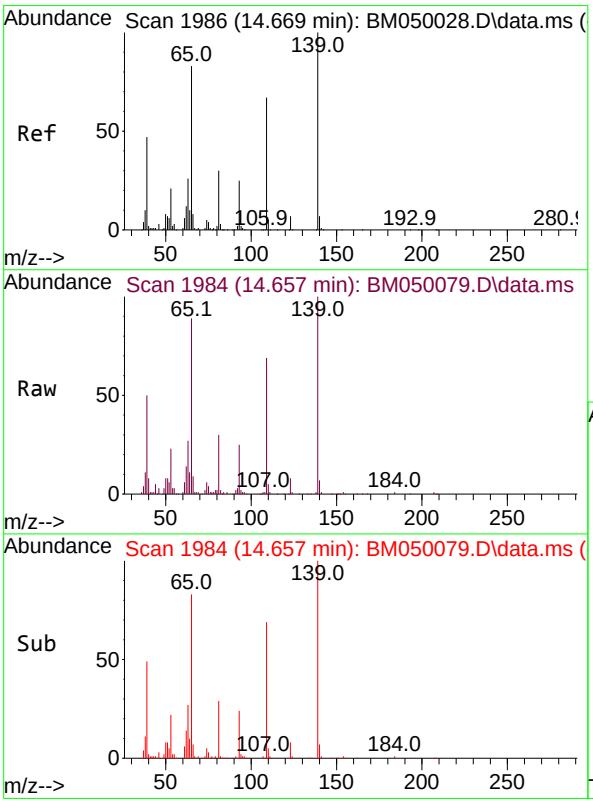
#55
Dibenzofuran
Concen: 37.505 ng
RT: 14.798 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1967268

Ion	Ratio	Lower	Upper
168	100		
139	32.6	26.1	39.1
169	13.2	10.8	16.2

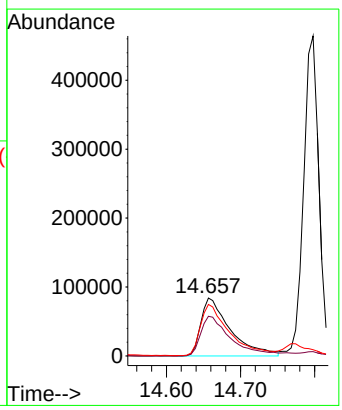


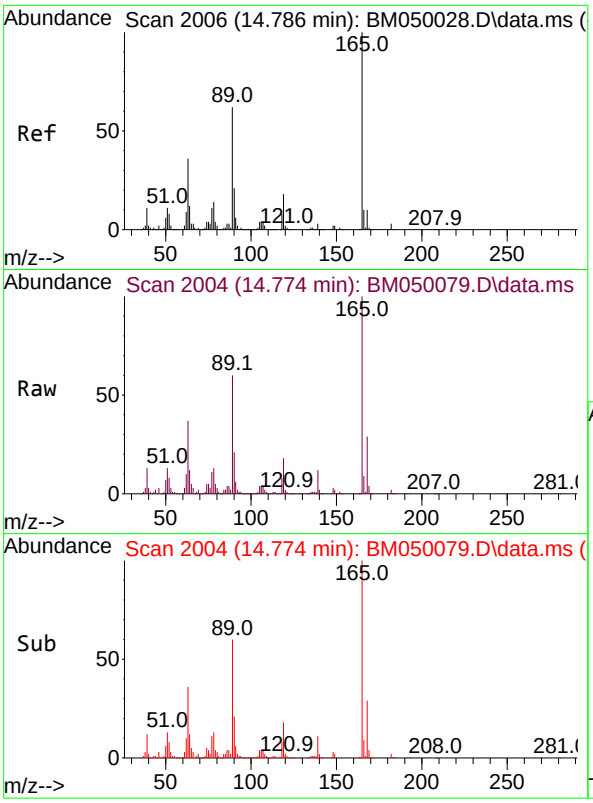


#56
4-Nitrophenol
Concen: 36.239 ng
RT: 14.657 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:139 Resp: 231766

Ion	Ratio	Lower	Upper
139	100		
109	68.5	47.0	87.0
65	88.9	64.3	104.3



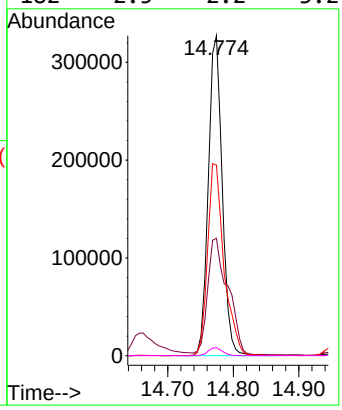


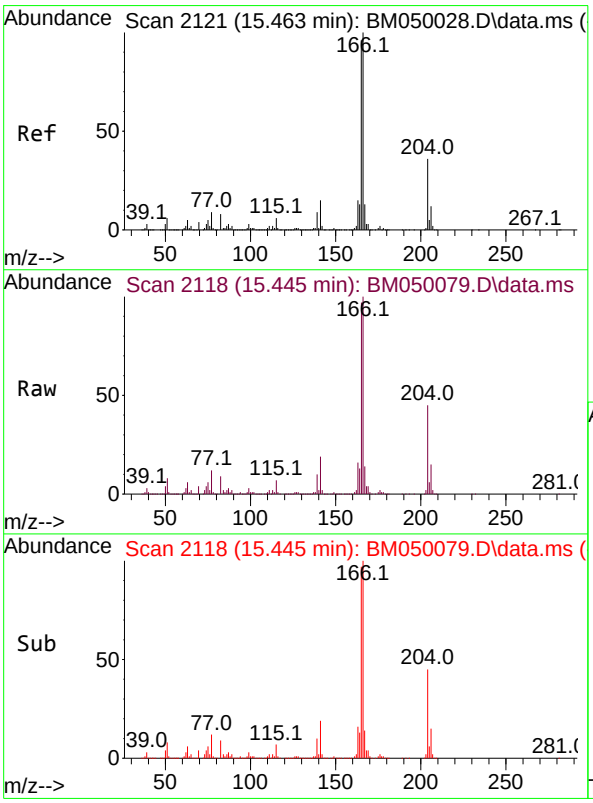
#57
2,4-Dinitrotoluene
Concen: 39.403 ng
RT: 14.774 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 483398

Ion	Ratio	Lower	Upper
165	100		
63	36.7	29.0	43.6
89	59.6	49.4	74.2
182	2.5	2.2	3.2

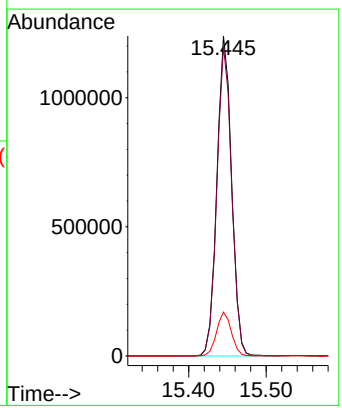


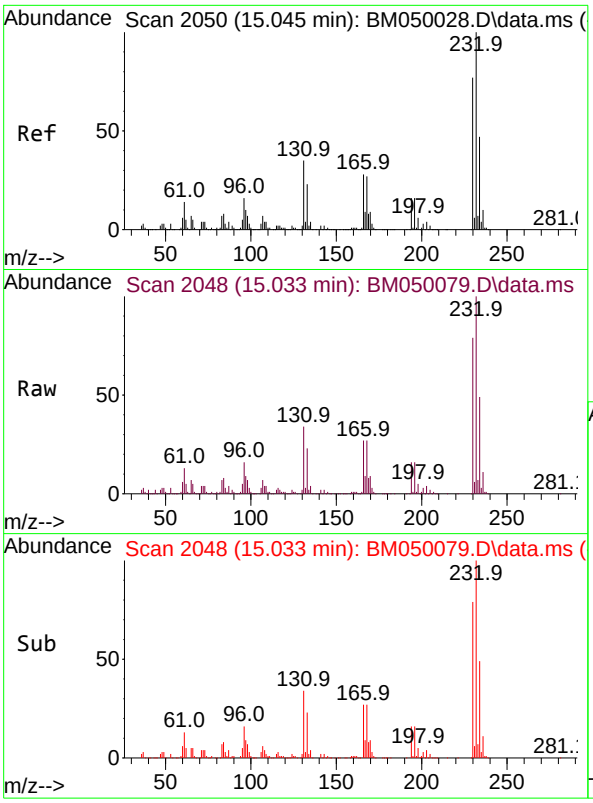


#58
Fluorene
Concen: 38.045 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:166 Resp: 1633458

Ion	Ratio	Lower	Upper
166	100		
165	96.8	76.6	115.0
167	13.7	10.6	16.0



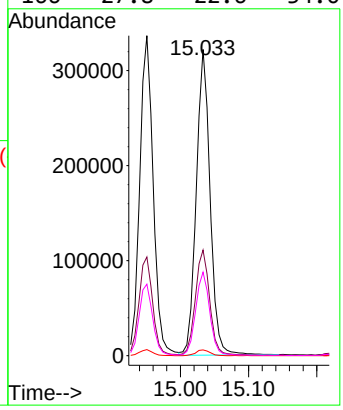


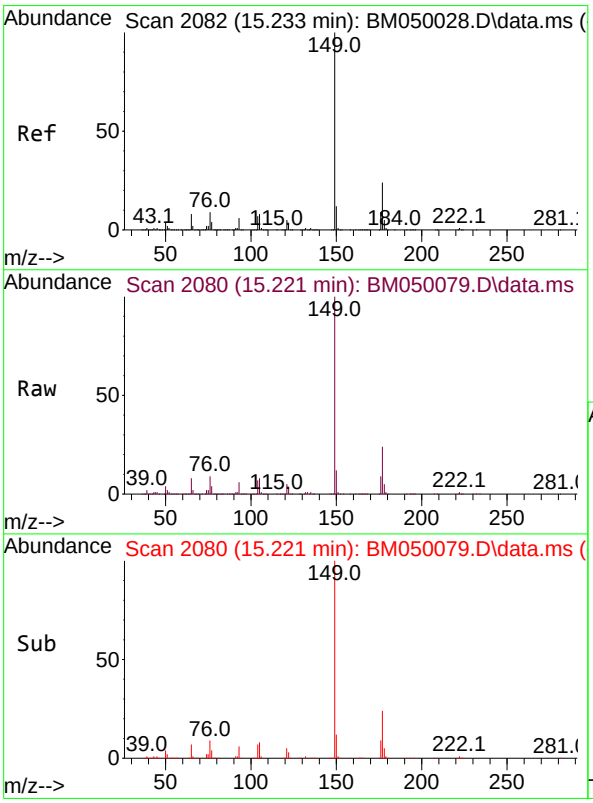
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.531 ng
RT: 15.033 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 451329

Ion	Ratio	Lower	Upper
232	100		
131	35.6	28.2	42.4
130	2.0	1.5	2.3
166	27.8	22.6	34.0

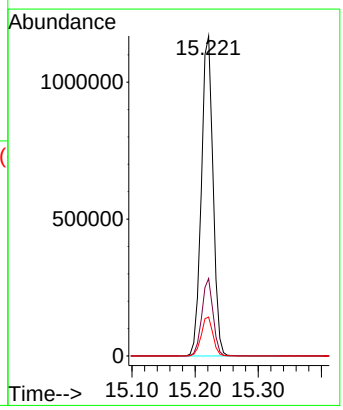


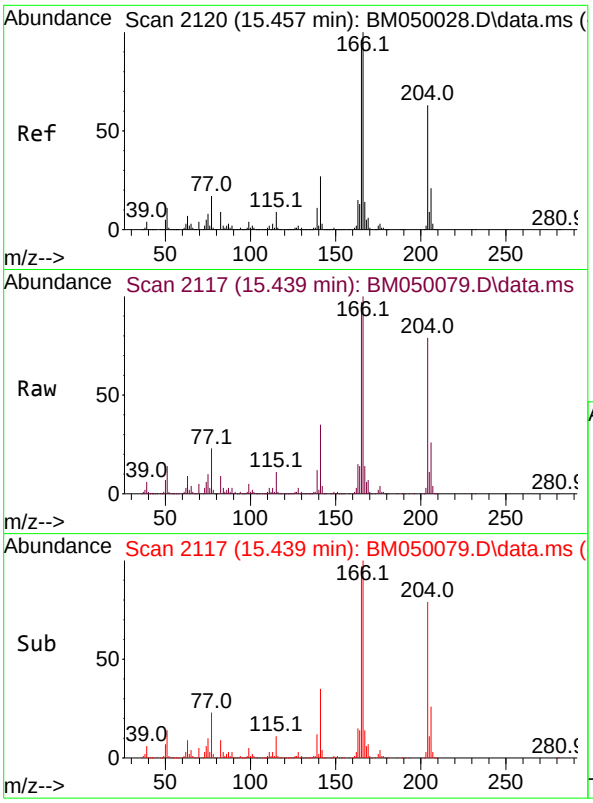


#60
Diethylphthalate
Concen: 37.170 ng
RT: 15.221 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:149 Resp: 1501854

Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.1	28.7
150	12.2	9.6	14.4



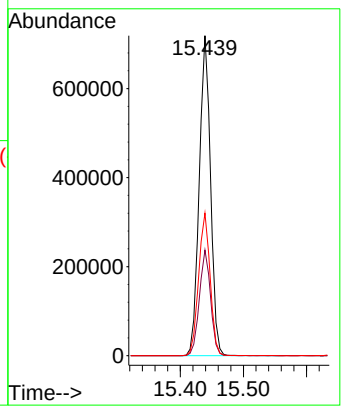


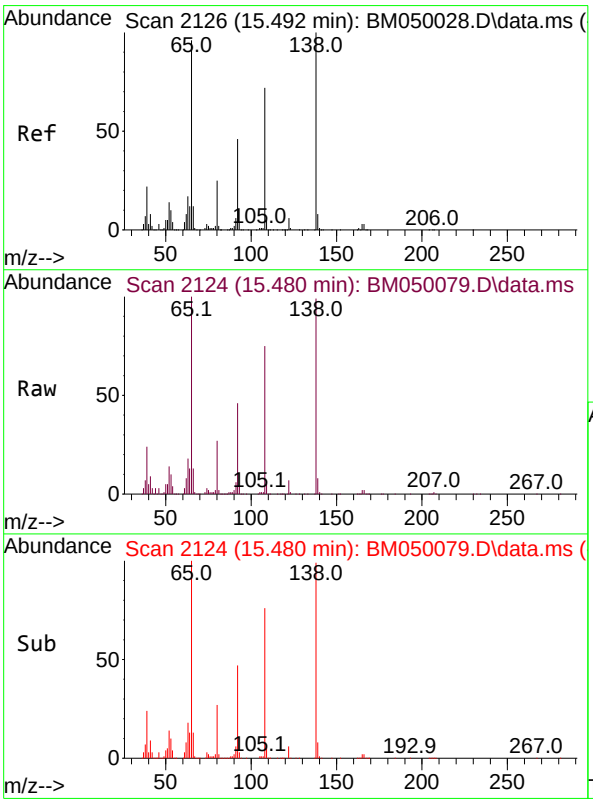
#61
4-Chlorophenyl-phenylether
Concen: 37.748 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 890171

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.3	39.5
141	44.5	34.0	51.0

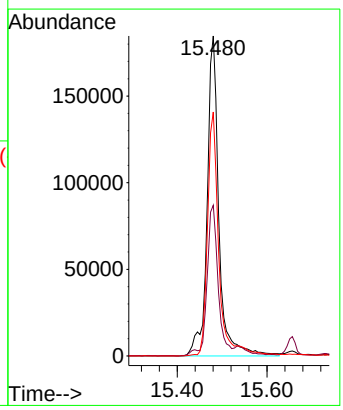


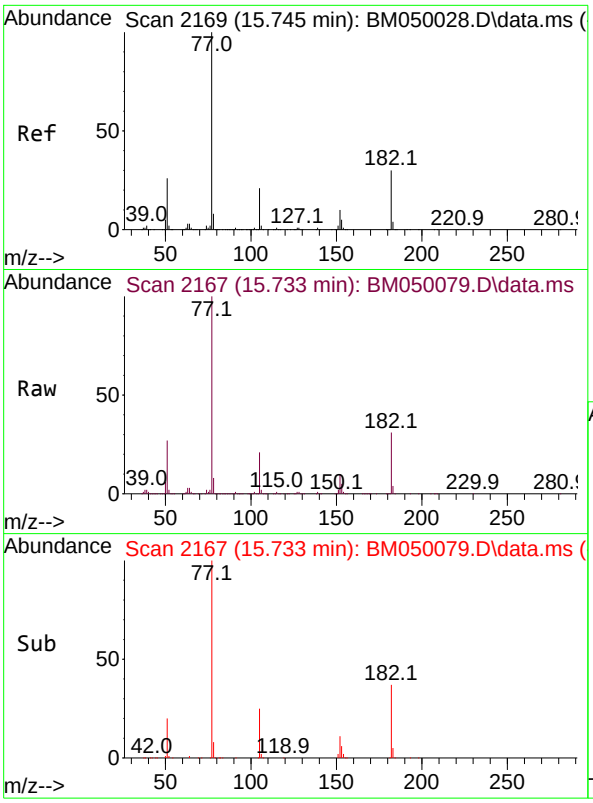


#62
4-Nitroaniline
Concen: 41.199 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:138 Resp: 336923

Ion	Ratio	Lower	Upper
138	100		
92	47.1	25.9	65.9
108	76.2	52.4	92.4



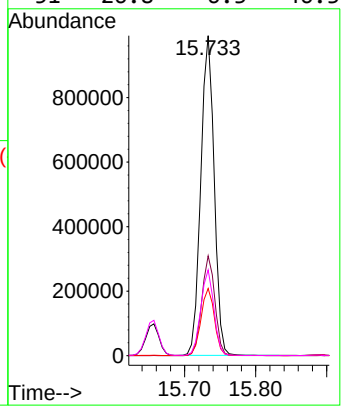


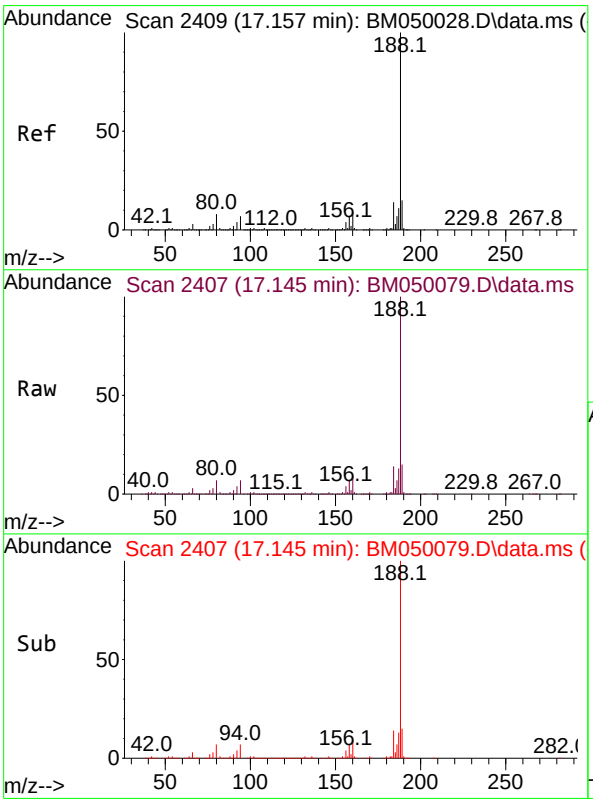
#63
Azobenzene
Concen: 38.466 ng
RT: 15.733 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1302572

Ion	Ratio	Lower	Upper
77	100		
182	31.2	10.5	50.5
105	21.0	1.1	41.1
51	26.8	6.3	46.3

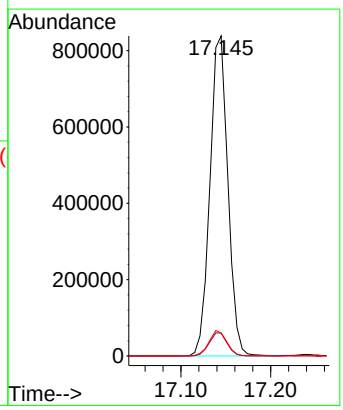


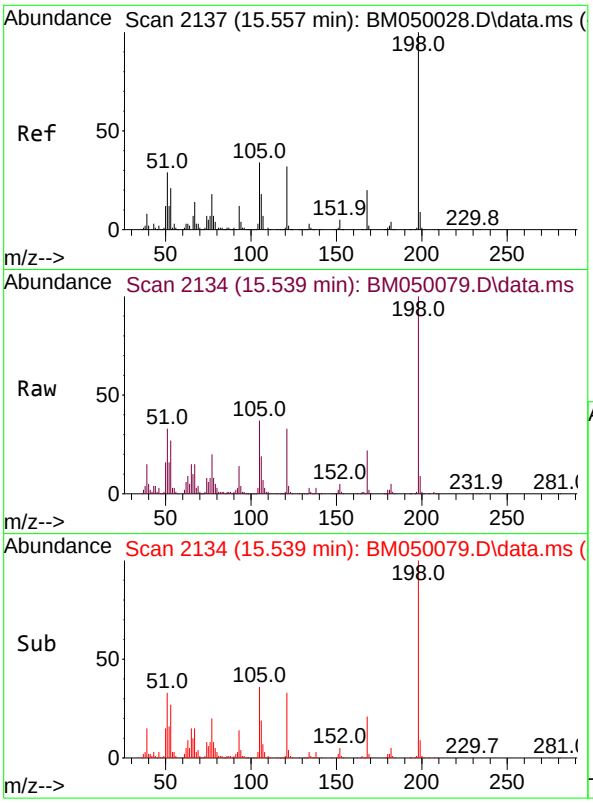


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:188 Resp: 1164746

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	7.2	6.2	9.4



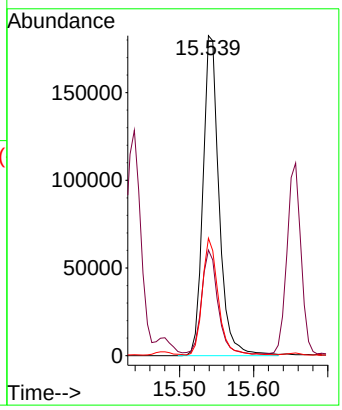


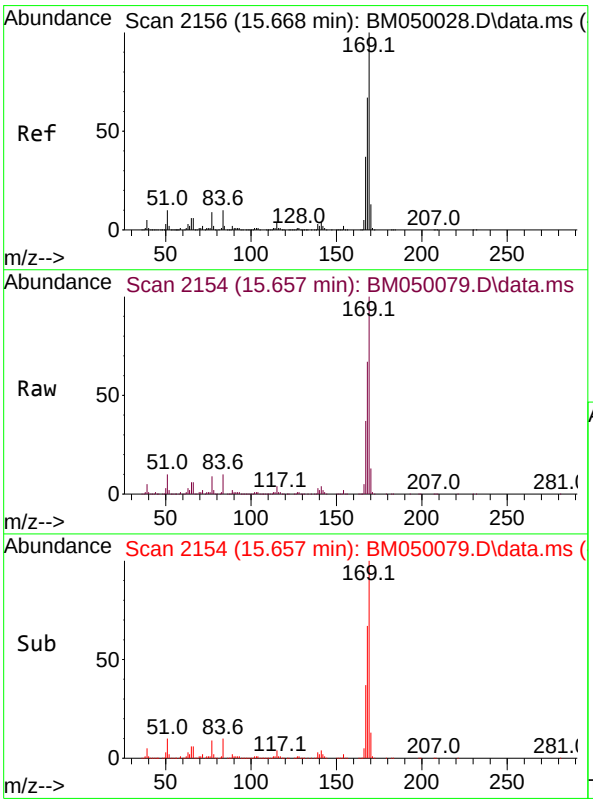
#65
4,6-Dinitro-2-methylphenol
Concen: 37.831 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 275818

Ion	Ratio	Lower	Upper
198	100		
51	33.0	10.4	50.4
105	36.7	14.6	54.6

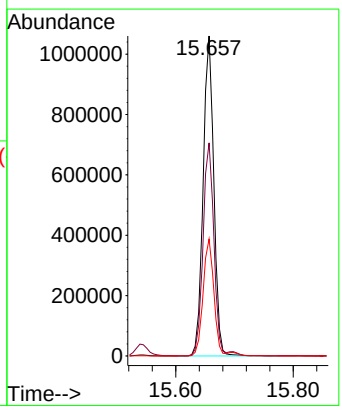


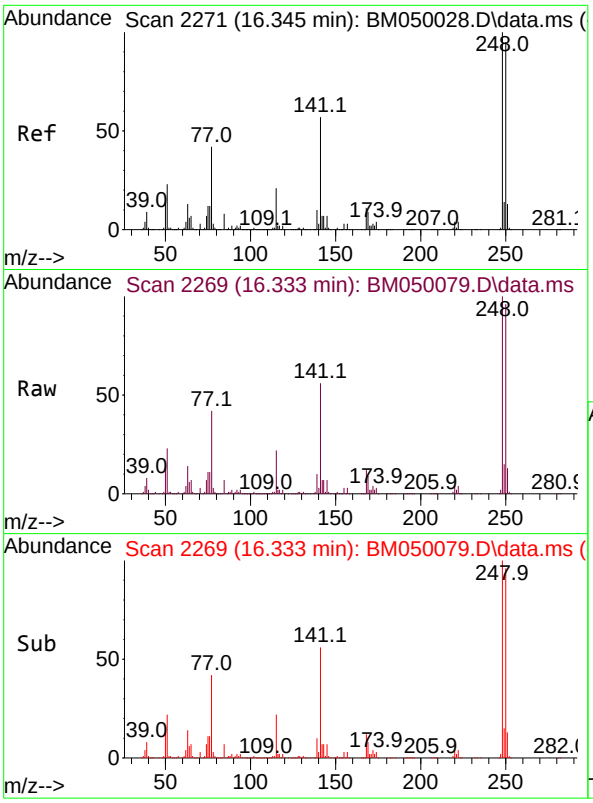


#66
n-Nitrosodiphenylamine
Concen: 37.443 ng
RT: 15.657 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:169 Resp: 1339187

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.4	80.2
167	36.6	29.4	44.0



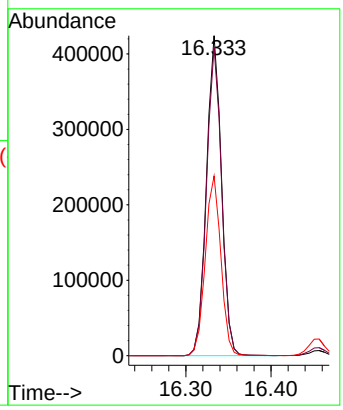


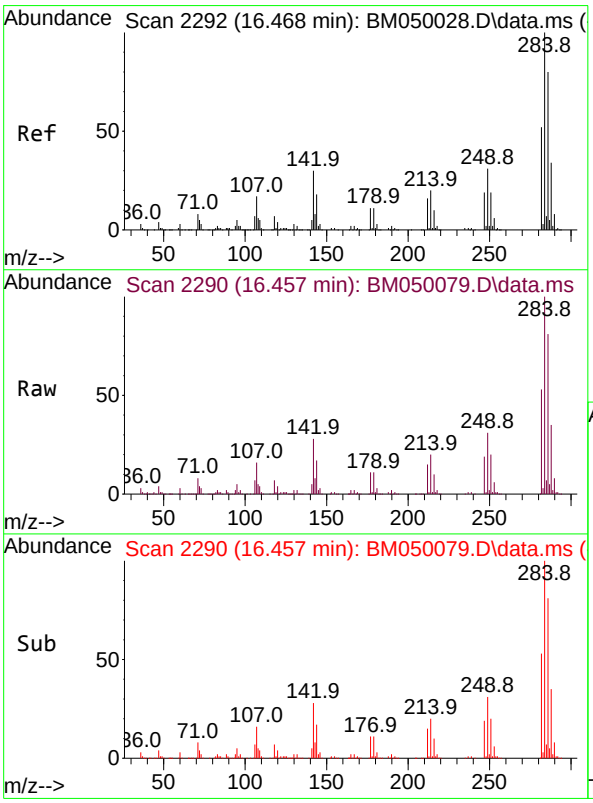
#67
4-Bromophenyl-phenylether
Concen: 37.047 ng
RT: 16.333 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 521812

Ion	Ratio	Lower	Upper
248	100		
250	96.4	76.2	114.2
141	56.1	45.9	68.9

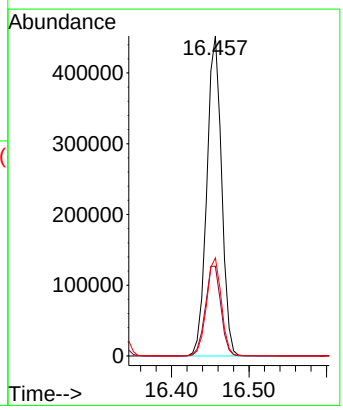


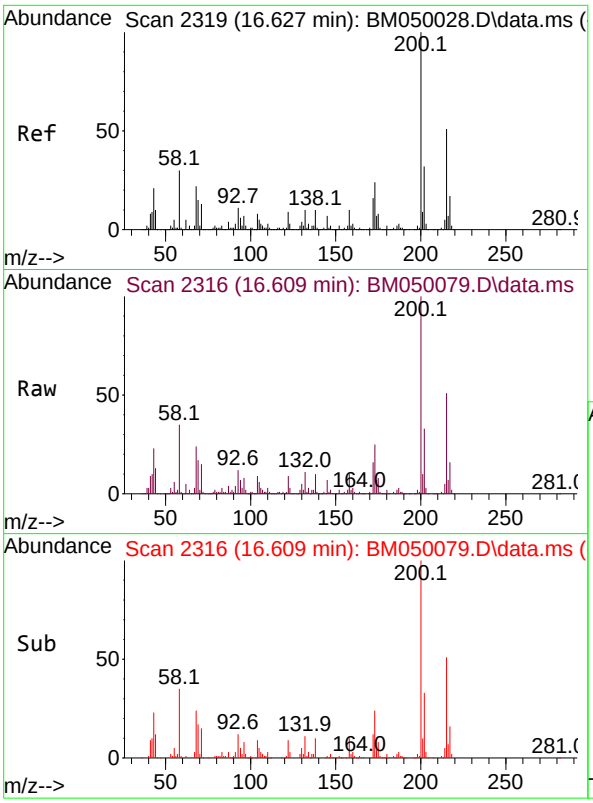


#68
Hexachlorobenzene
Concen: 36.775 ng
RT: 16.457 min Scan# 2290
Delta R.T. -0.012 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:284 Resp: 597069

Ion	Ratio	Lower	Upper
284	100		
142	28.1	23.9	35.9
249	30.7	24.5	36.7



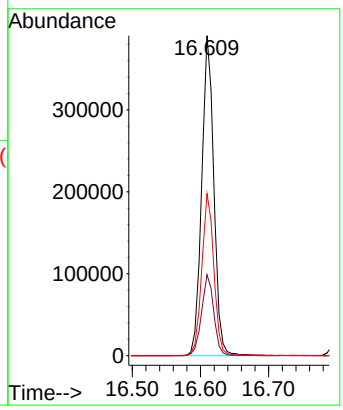


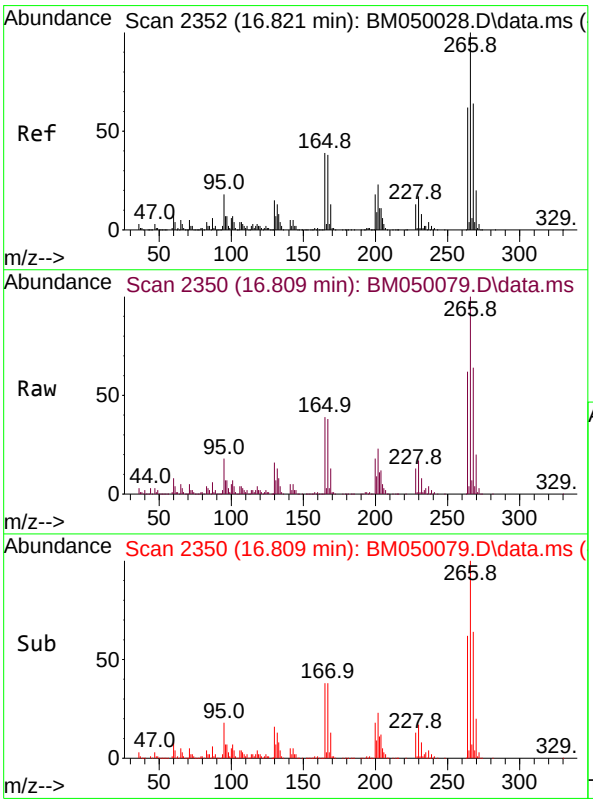
#69
Atrazine
Concen: 37.532 ng
RT: 16.609 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 484216

Ion	Ratio	Lower	Upper
200	100		
173	25.3	4.3	44.3
215	50.6	30.6	70.6

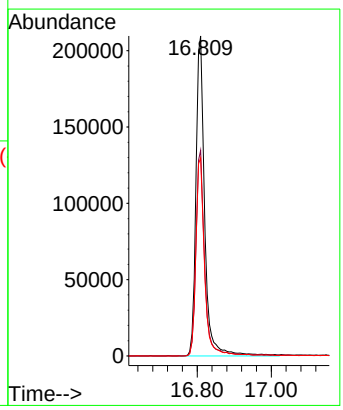


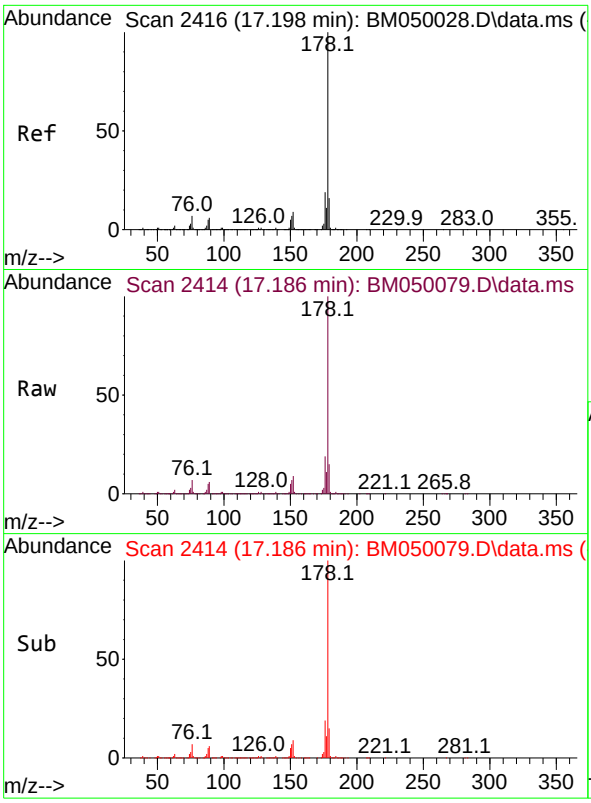


#70
Pentachlorophenol
Concen: 37.697 ng
RT: 16.809 min Scan# 2350
Delta R.T. -0.012 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:266 Resp: 344508

Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.2	76.8
264	61.9	49.6	74.4



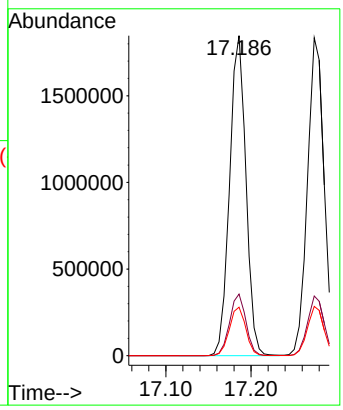


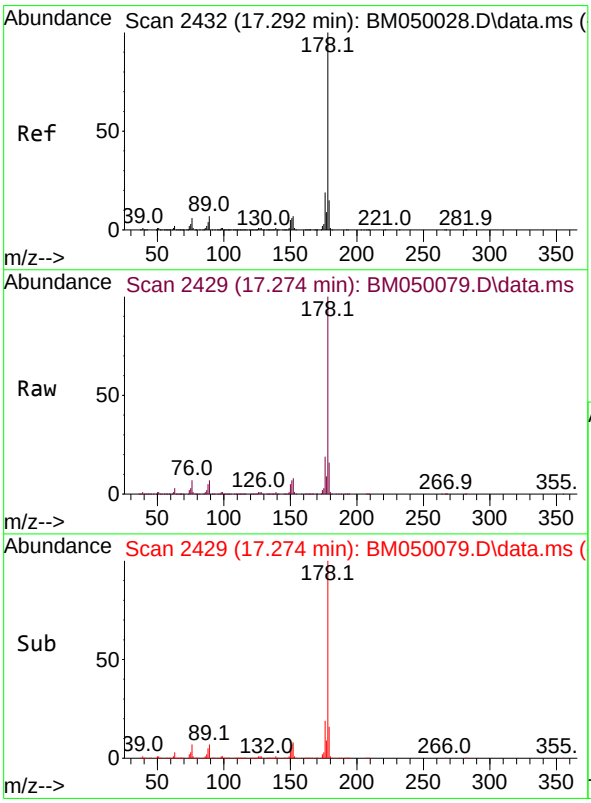
#71
Phenanthrene
Concen: 37.428 ng
RT: 17.186 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 2458739

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.1	12.4	18.6

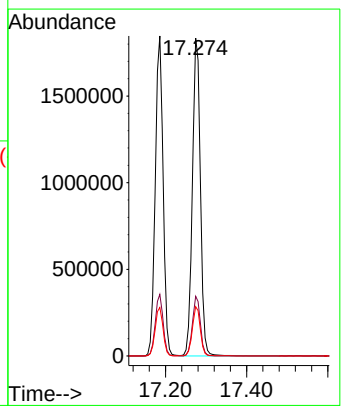


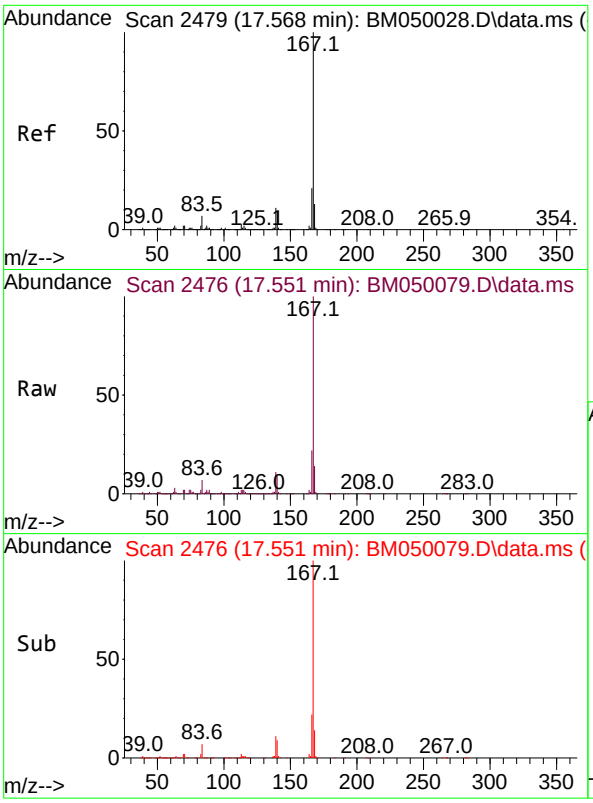


#72
Anthracene
Concen: 37.780 ng
RT: 17.274 min Scan# 2429
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:178 Resp: 2511666

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.5	12.2	18.4



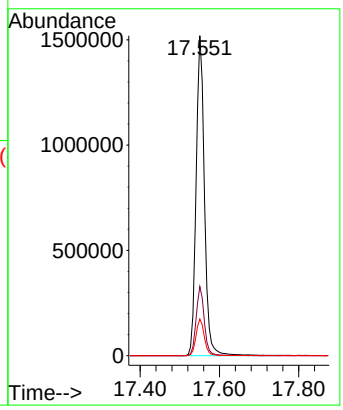


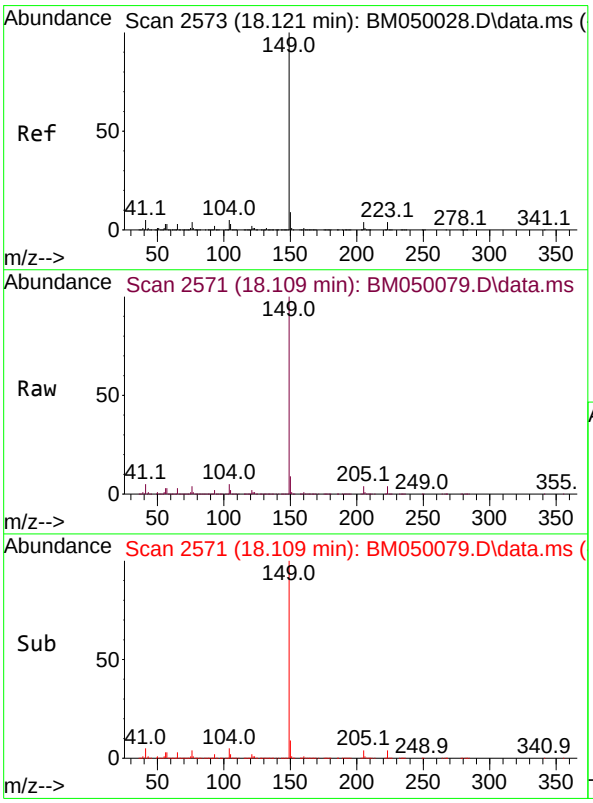
#73
Carbazole
Concen: 38.420 ng
RT: 17.551 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 2216414

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	11.4	9.0	13.6

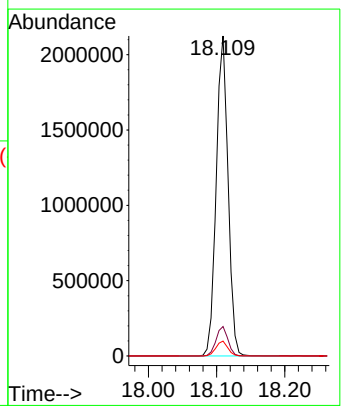


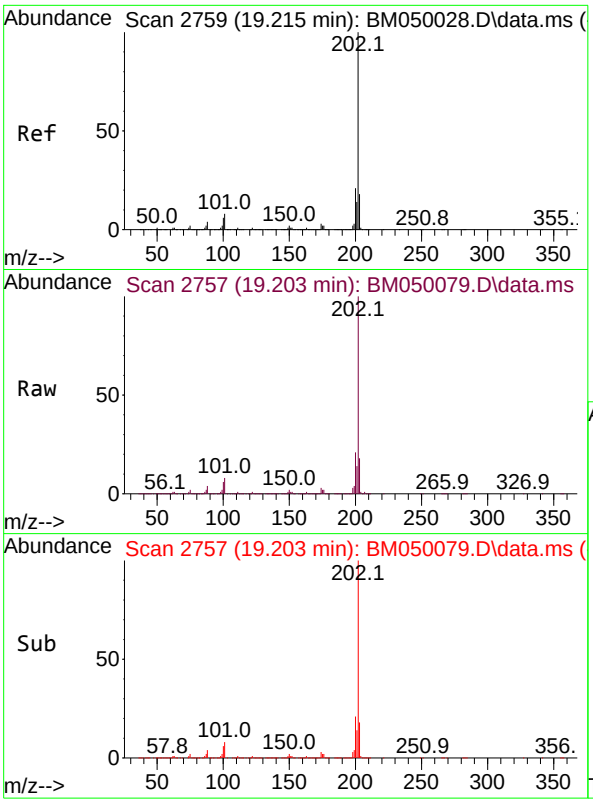


#74
Di-n-butylphthalate
Concen: 37.291 ng
RT: 18.109 min Scan# 2571
Delta R.T. -0.012 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:149 Resp: 2561927

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.6	3.8	5.6



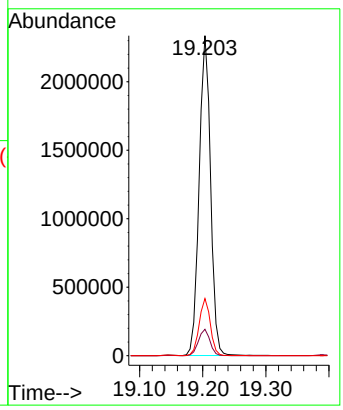


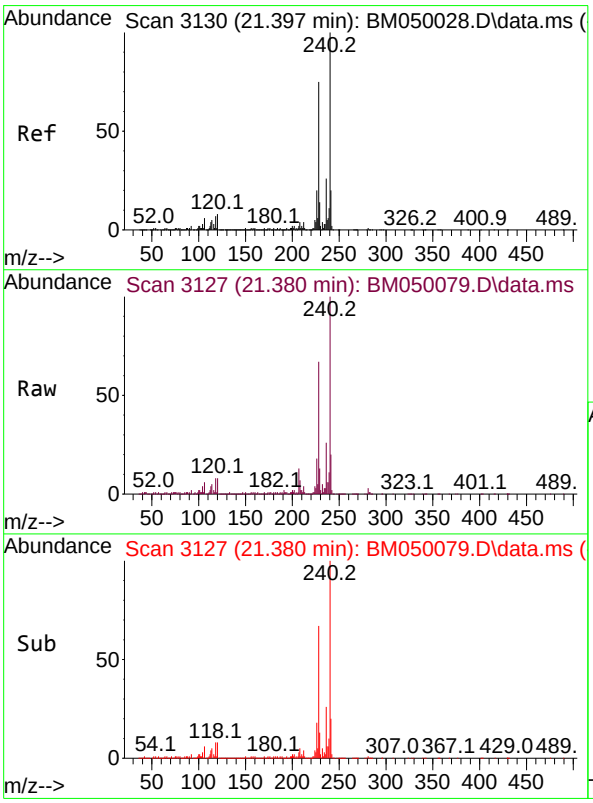
#75
Fluoranthene
Concen: 37.857 ng
RT: 19.203 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 2919856

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	28.0
203	17.8	0.0	37.7

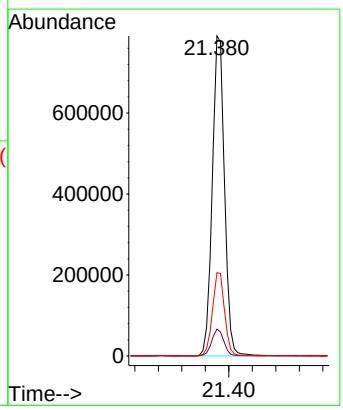


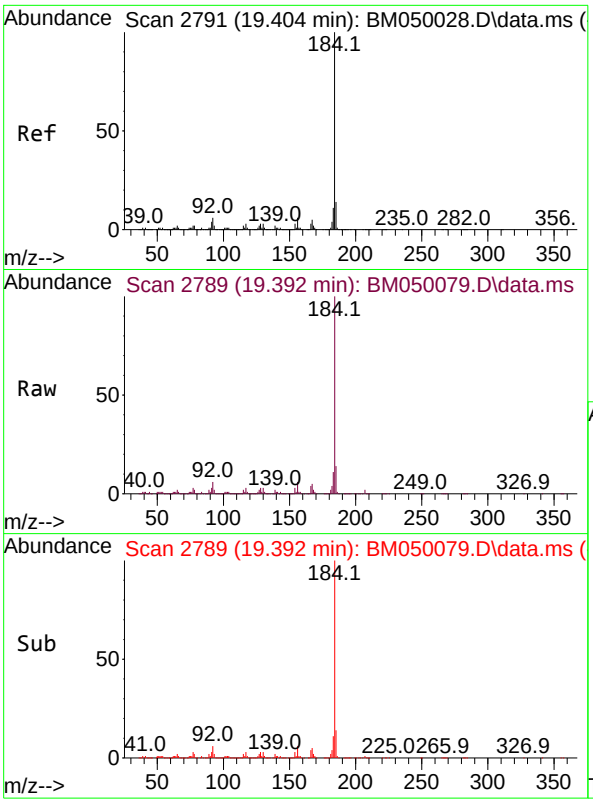


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.017 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:240 Resp: 1138509

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.5	9.7
236	26.0	20.9	31.3



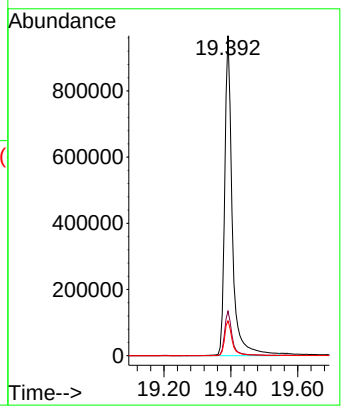


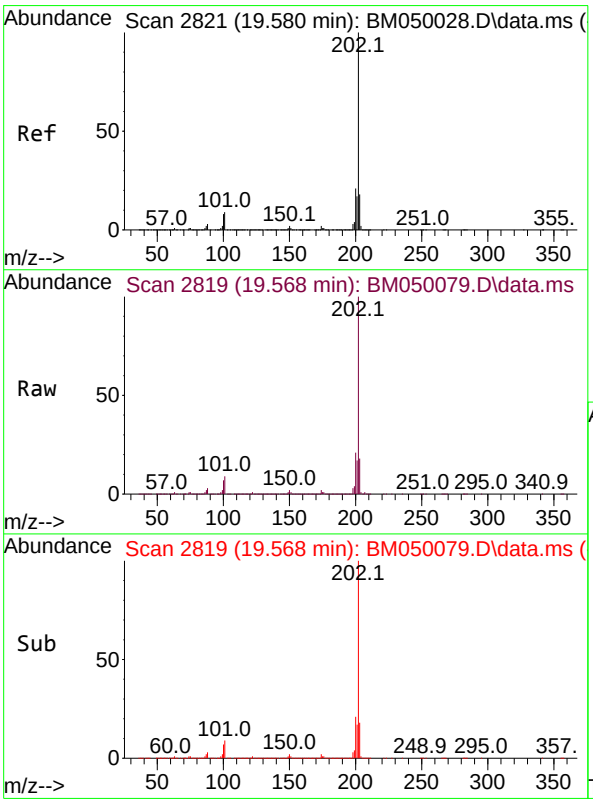
#77
Benzidine
Concen: 37.830 ng
RT: 19.392 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 1529864

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.5	17.3
183	10.9	8.9	13.3

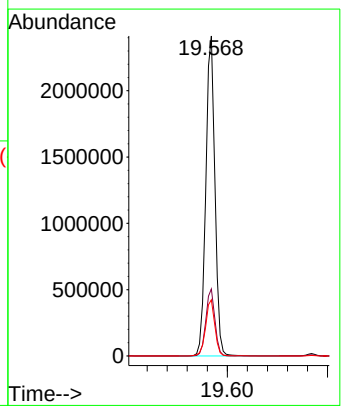


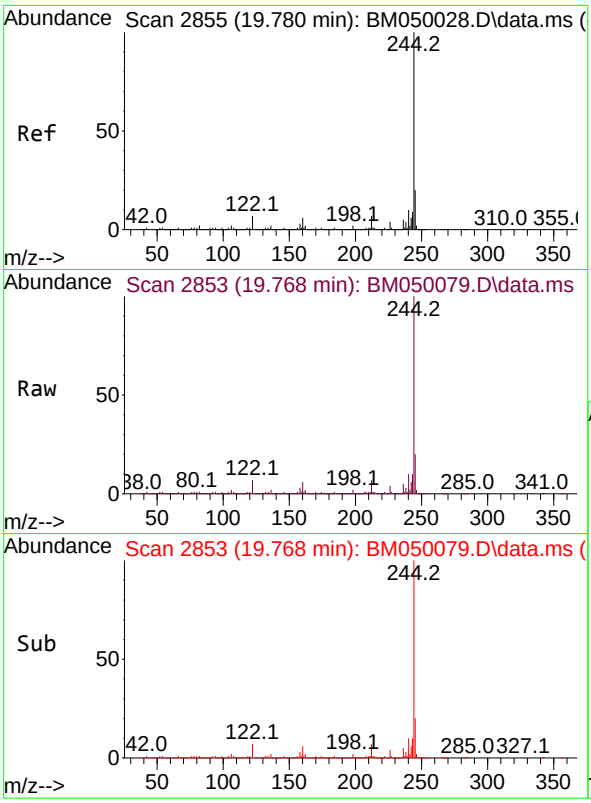


#78
Pyrene
Concen: 38.131 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:202 Resp: 3048558

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.5	14.1	21.1



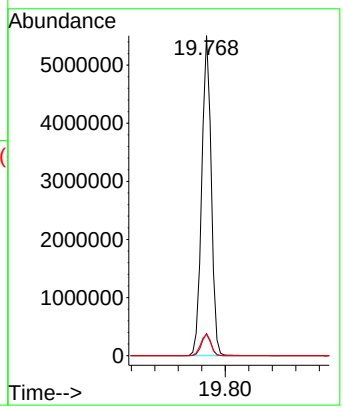


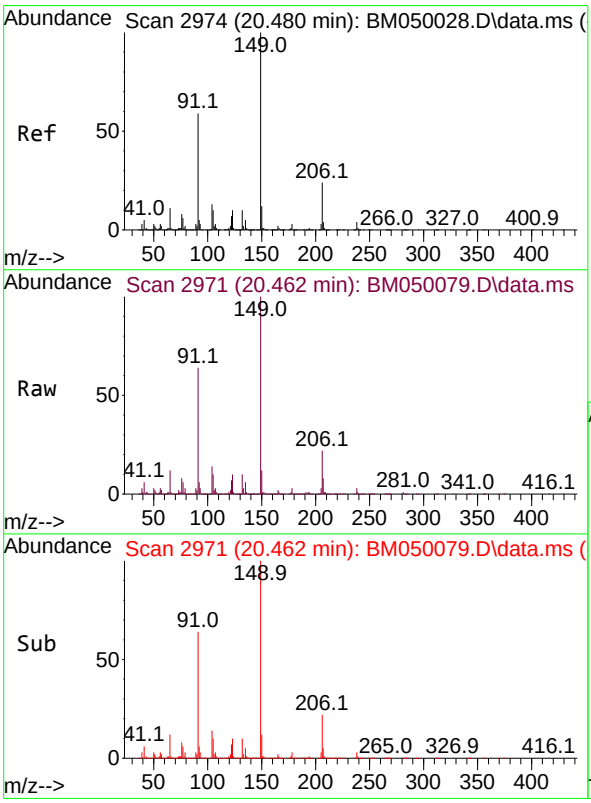
#79
Terphenyl-d14
Concen: 79.649 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 6128200

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	6.6	5.6	8.4

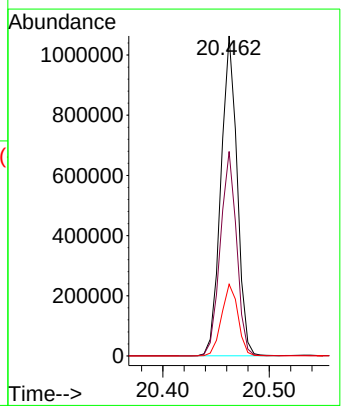


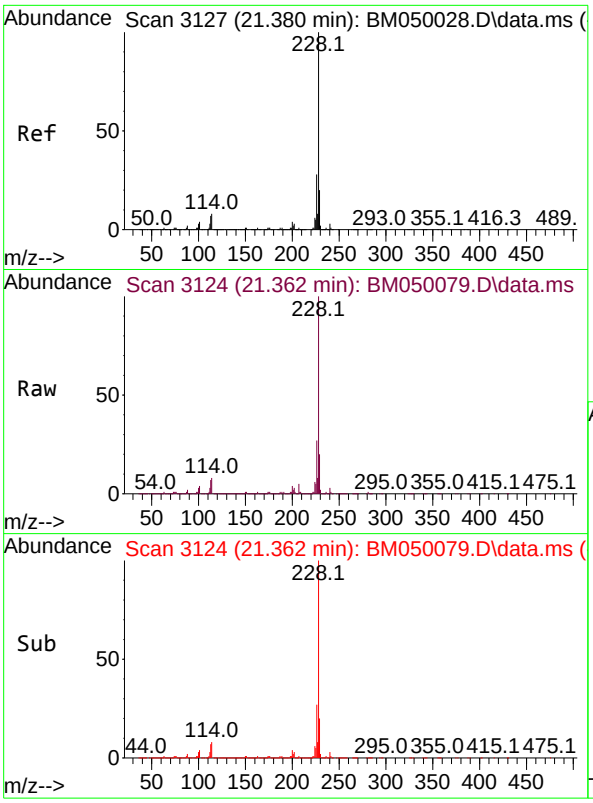


#80
Butylbenzylphthalate
Concen: 37.503 ng
RT: 20.462 min Scan# 2971
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:149 Resp: 1123011

Ion	Ratio	Lower	Upper
149	100		
91	63.9	47.4	71.2
206	22.4	19.4	29.0



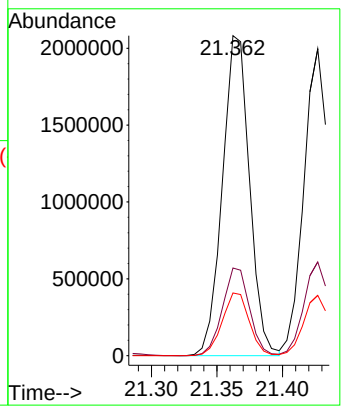


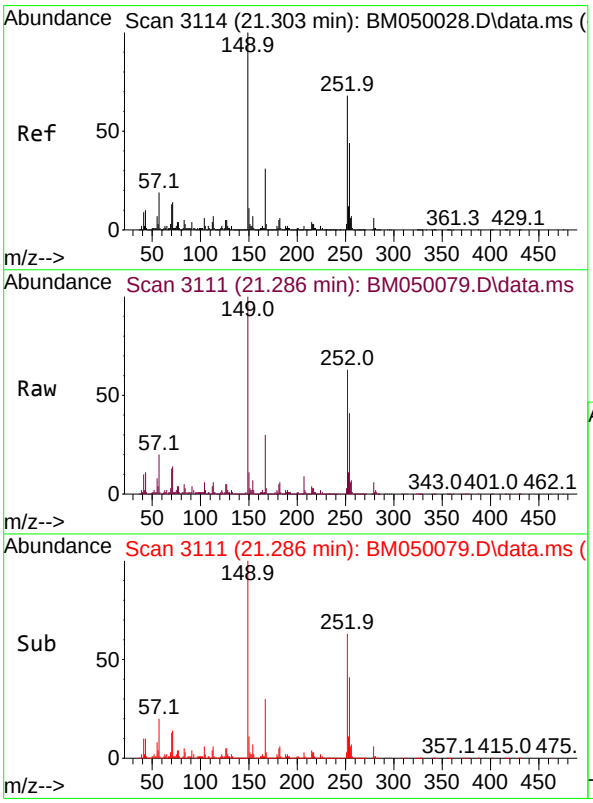
#81
Benzo(a)anthracene
Concen: 38.212 ng
RT: 21.362 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 2995858

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.1	33.1
229	19.6	15.7	23.5

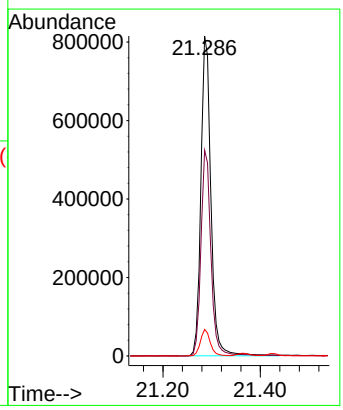


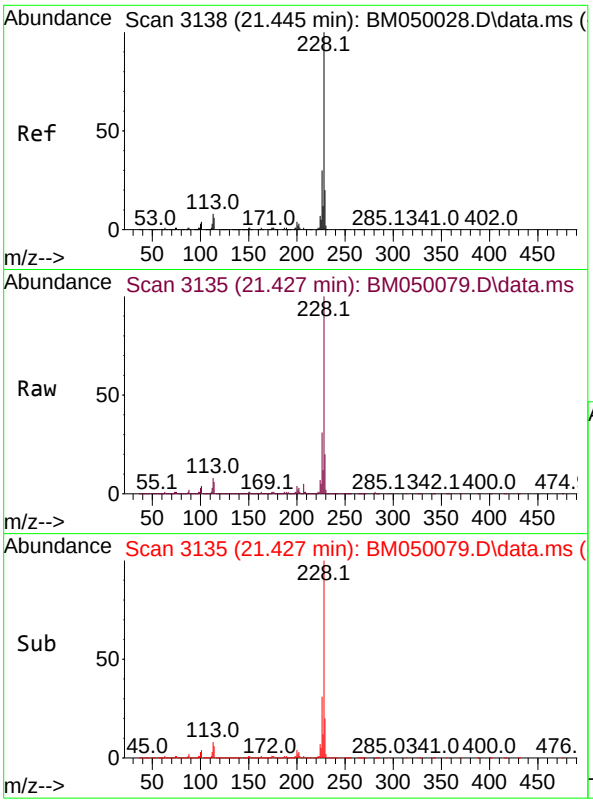


#82
3,3'-Dichlorobenzidine
Concen: 38.840 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:252 Resp: 1165683

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.8	77.6
126	8.3	6.0	9.0



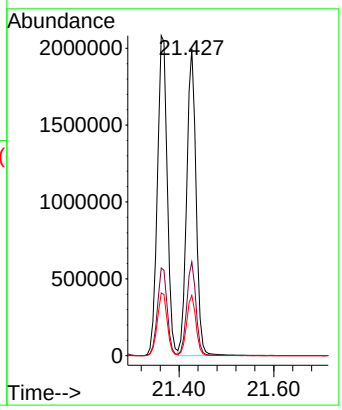


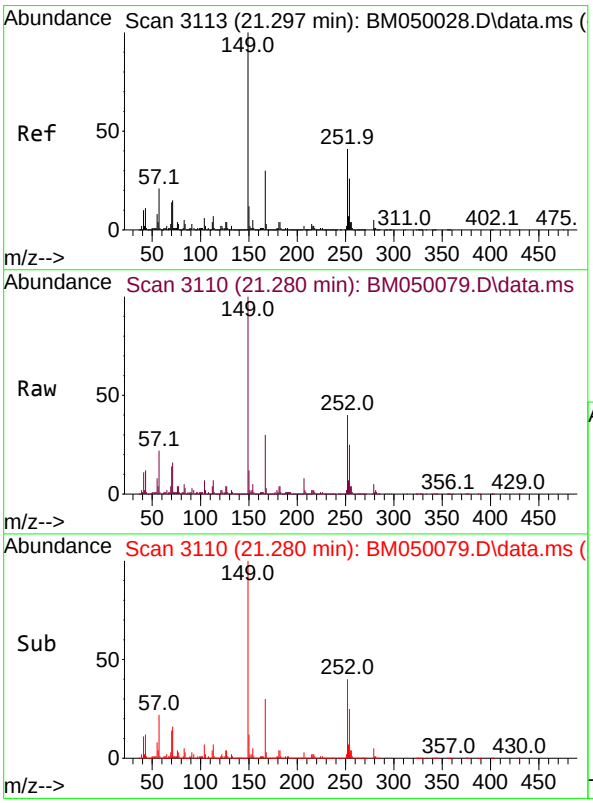
#83
Chrysene
Concen: 37.577 ng
RT: 21.427 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 2726625

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	19.6	15.7	23.5

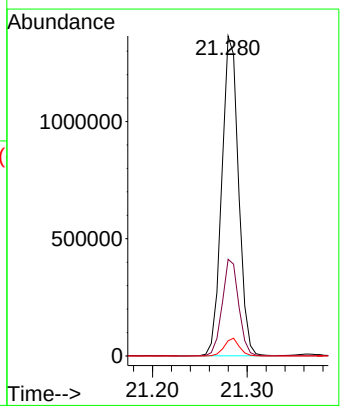


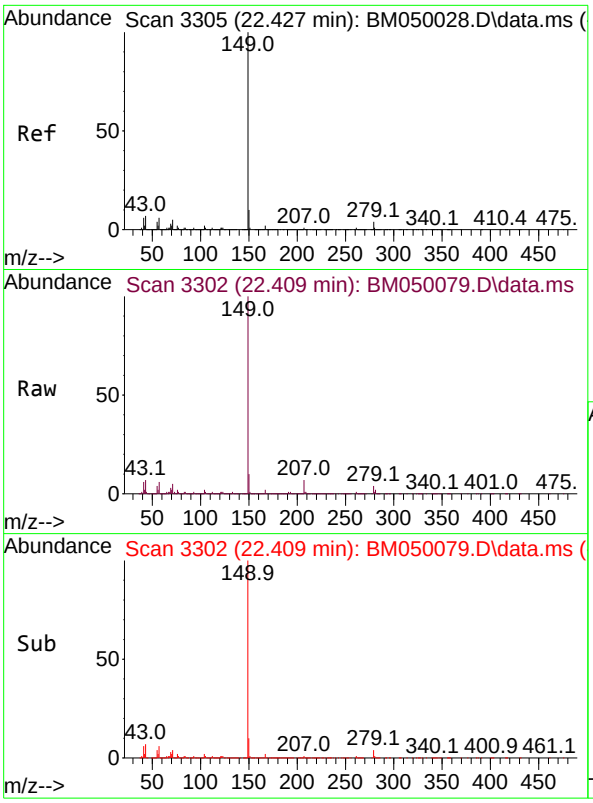


#84
Bis(2-ethylhexyl)phthalate
Concen: 37.489 ng
RT: 21.280 min Scan# 3110
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:149 Resp: 1676779

Ion	Ratio	Lower	Upper
149	100		
167	30.2	24.1	36.1
279	4.7	3.9	5.9



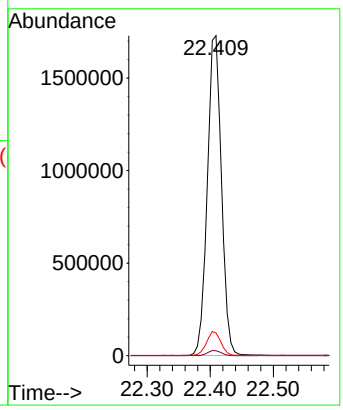


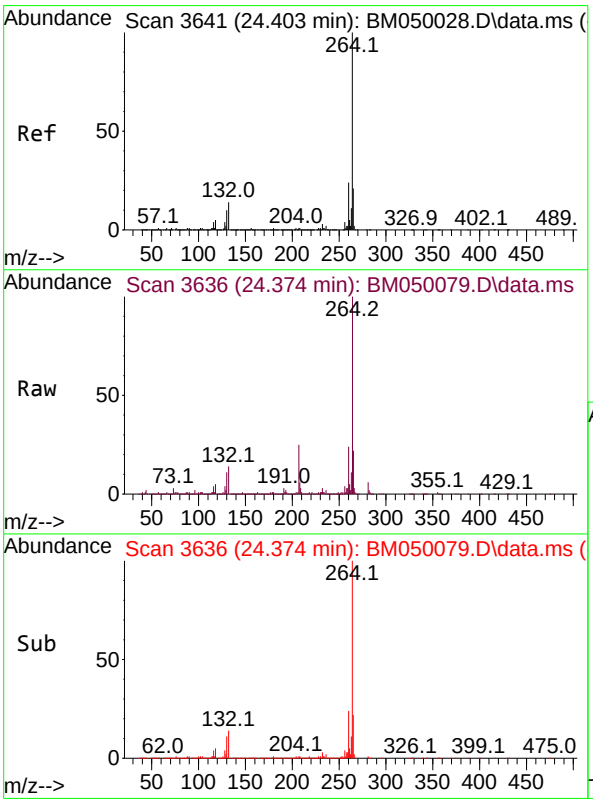
#85
Di-n-octyl phthalate
Concen: 36.386 ng
RT: 22.409 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 2683834

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.6	5.8	8.8

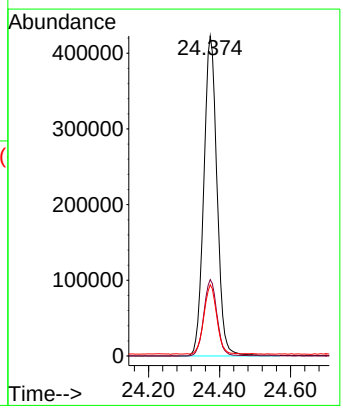


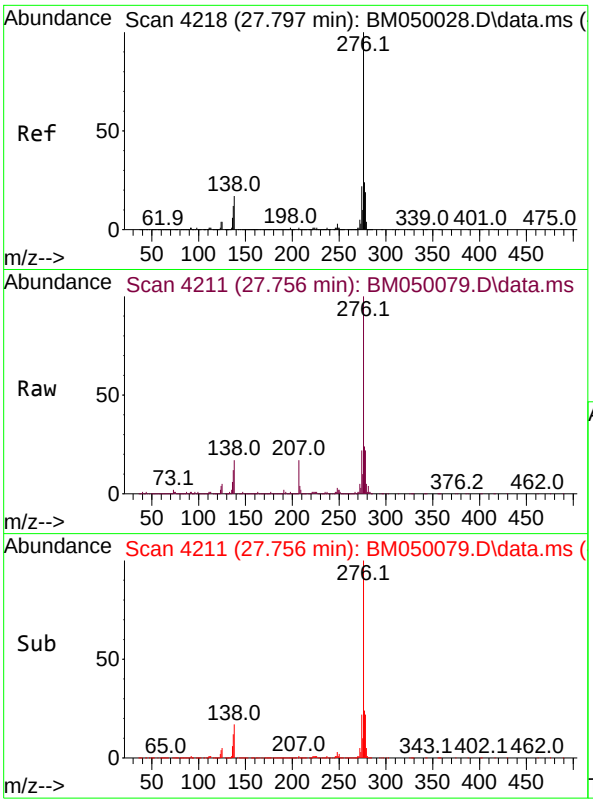


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.030 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:264 Resp: 1096969

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	22.2	17.0	25.4



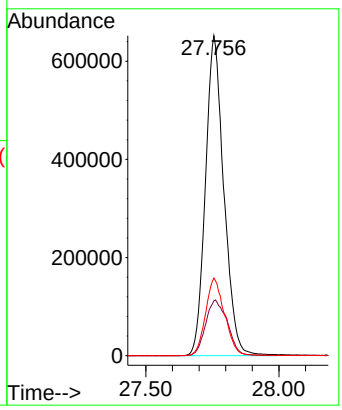


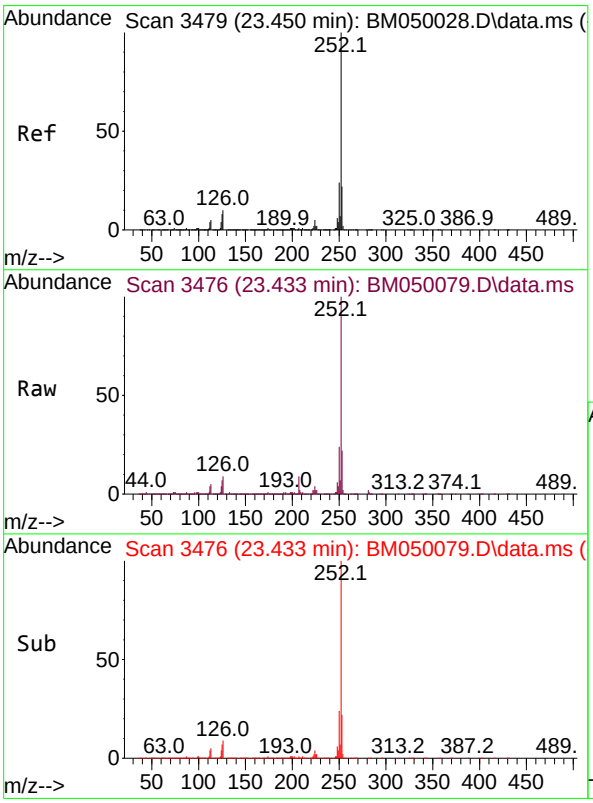
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.341 ng
RT: 27.756 min Scan# 4
Delta R.T. -0.041 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 3133882

Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.4	24.6
277	25.0	19.8	29.8

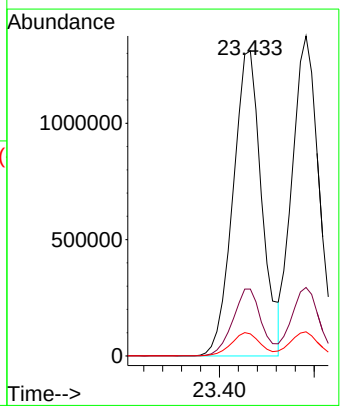


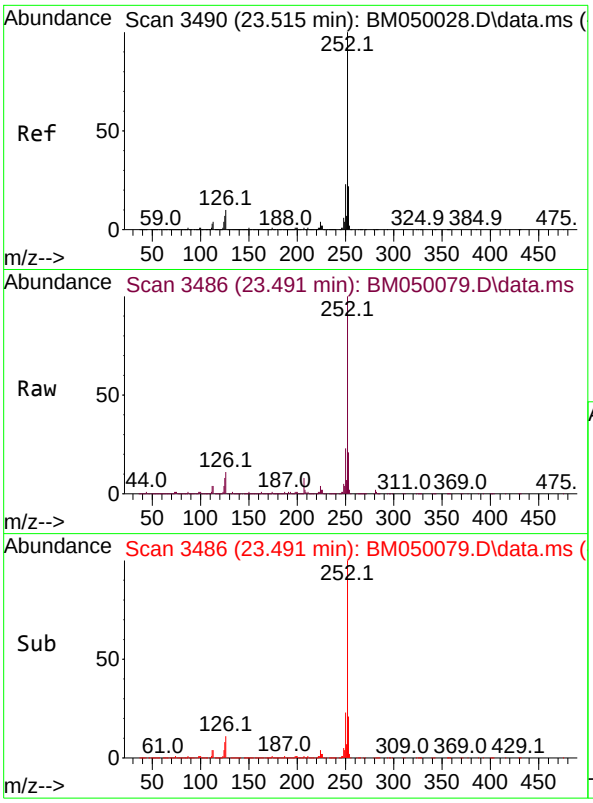


#88
Benzo(b)fluoranthene
Concen: 38.740 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.018 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:252 Resp: 2763712

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	7.2	6.1	9.1



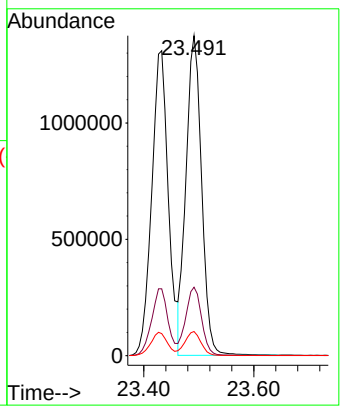


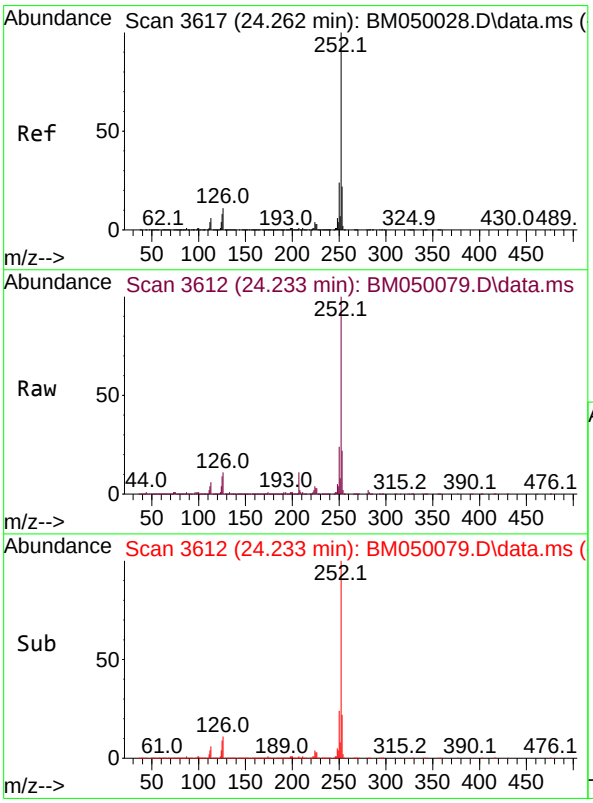
#89
Benzo(k)fluoranthene
Concen: 37.457 ng
RT: 23.491 min Scan# 3
Delta R.T. -0.024 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 2702962

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	7.6	5.8	8.8

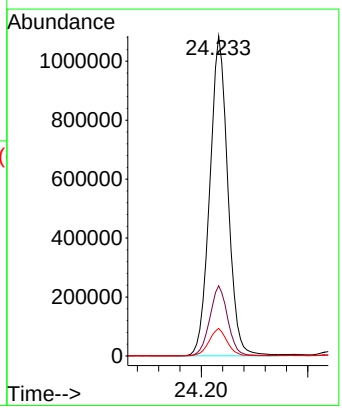


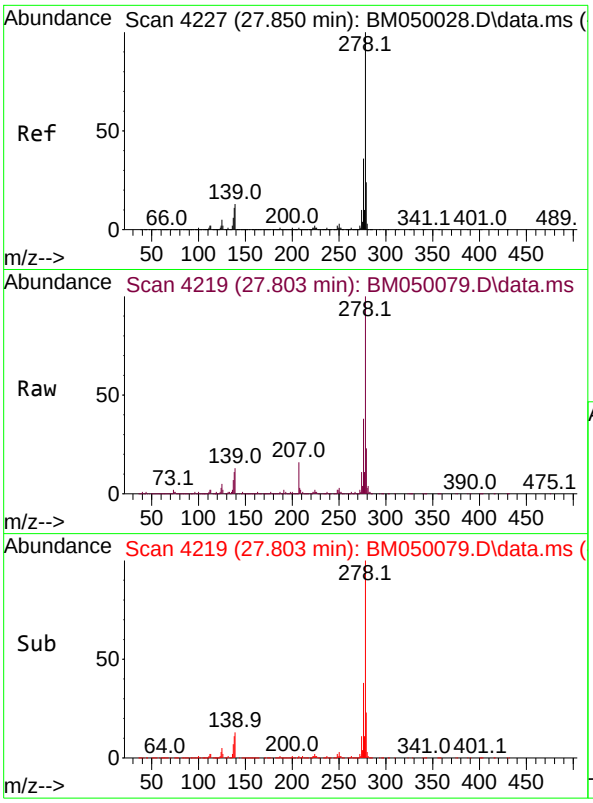


#90
Benzo(a)pyrene
Concen: 38.195 ng
RT: 24.233 min Scan# 3612
Delta R.T. -0.029 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:252 Resp: 2552084

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	8.6	6.6	9.8



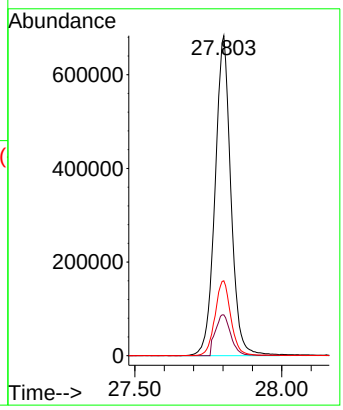


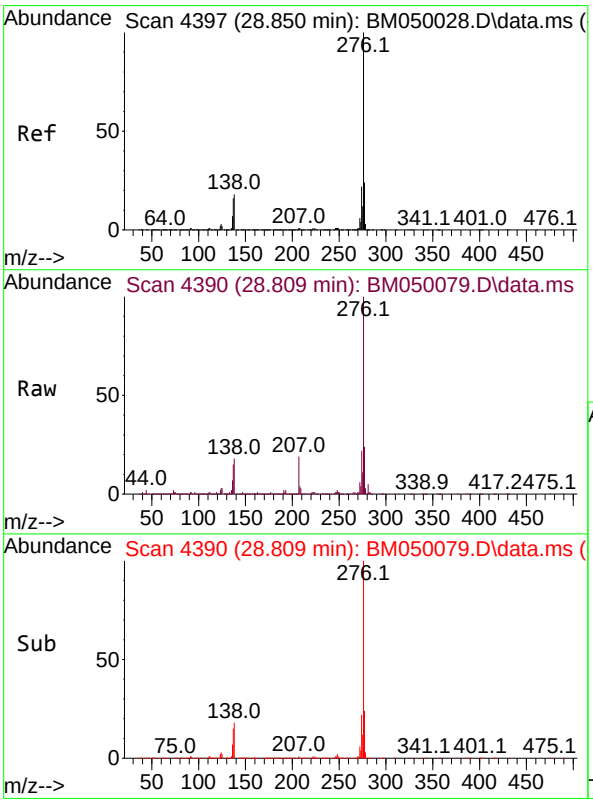
#91
Dibenzo(a,h)anthracene
Concen: 38.366 ng
RT: 27.803 min Scan# 4
Delta R.T. -0.047 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 2556353

Ion	Ratio	Lower	Upper
278	100		
139	12.8	10.5	15.7
279	23.4	19.4	29.0

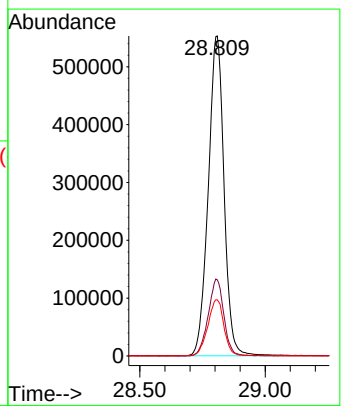




#92
Benzo(g,h,i)perylene
Concen: 37.936 ng
RT: 28.809 min Scan# 4390
Delta R.T. -0.041 min
Lab File: BM050079.D
Acq: 02 May 2025 10:33

Tgt Ion:276 Resp: 2419913

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	17.5	14.3	21.5



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Acq On : 02 May 2025 10:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 02 11:45:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	-0.02
2		1,4-Dioxane	0.490	0.476	2.9	97	-0.01
3		Pyridine	1.258	1.253	0.4	98	-0.01
4		n-Nitrosodimethylamine	0.493	0.491	0.4	97	-0.01
5	S	2-Fluorophenol	1.142	1.128	1.2	97	-0.02
6		Aniline	1.813	1.759	3.0	94	-0.02
7	S	Phenol-d6	1.436	1.413	1.6	95	-0.02
8		2-Chlorophenol	1.235	1.175	4.9	93	-0.02
9		Benzaldehyde	0.961	0.945	1.7	95	-0.02
10	C	Phenol	1.453	1.422	2.1	96	-0.02
11		bis(2-Chloroethyl)ether	1.213	1.142	5.9	93	-0.02
12		1,3-Dichlorobenzene	1.492	1.402	6.0	93	-0.02
13	C	1,4-Dichlorobenzene	1.499	1.409	6.0	94	-0.02
14		1,2-Dichlorobenzene	1.448	1.352	6.6	92	-0.02
15		Benzyl Alcohol	0.996	0.980	1.6	94	-0.02
16		2,2'-oxybis(1-Chloropropane	1.475	1.400	5.1	94	-0.02
17		2-Methylphenol	0.957	0.917	4.2	92	-0.02
18		Hexachloroethane	0.533	0.498	6.6	93	-0.02
19	P	n-Nitroso-di-n-propylamine	0.921	0.896	2.7	93	-0.02
20		3+4-Methylphenols	1.293	1.230	4.9	91	-0.02
21	I	Naphthalene-d8	1.000	1.000	0.0	101	-0.02
22		Acetophenone	0.497	0.479	3.6	91	-0.02
23	S	Nitrobenzene-d5	0.406	0.398	2.0	93	-0.02
24		Nitrobenzene	0.351	0.340	3.1	92	-0.02
25		Isophorone	0.692	0.652	5.8	91	-0.02
26	C	2-Nitrophenol	0.179	0.175	2.2	90	-0.02
27		2,4-Dimethylphenol	0.297	0.287	3.4	90	-0.02
28		bis(2-Chloroethoxy)methane	0.428	0.404	5.6	90	-0.02
29	C	2,4-Dichlorophenol	0.333	0.318	4.5	89	-0.02
30		1,2,4-Trichlorobenzene	0.406	0.379	6.7	90	-0.02
31		Naphthalene	1.013	0.950	6.2	90	-0.02
32		Benzoic acid	0.190	0.180	5.3	92	-0.02
33		4-Chloroaniline	0.415	0.400	3.6	92	-0.02
34	C	Hexachlorobutadiene	0.258	0.240	7.0	90	-0.02
35		Caprolactam	0.097	0.092	5.2	89	-0.02
36	C	4-Chloro-3-methylphenol	0.308	0.290	5.8	90	-0.02
37		2-Methylnaphthalene	0.679	0.627	7.7	89	-0.02
38		1-Methylnaphthalene	0.719	0.660	8.2	89	-0.02
39	I	Acenaphthene-d10	1.000	1.000	0.0	99	-0.01
40		1,2,4,5-Tetrachlorobenzene	0.692	0.655	5.3	87	-0.02
41	P	Hexachlorocyclopentadiene	0.423	0.385	9.0	84	-0.02
42	S	2,4,6-Tribromophenol	0.296	0.278	6.1	87	-0.01
43	C	2,4,6-Trichlorophenol	0.439	0.426	3.0	89	-0.02
44		2,4,5-Trichlorophenol	0.474	0.460	3.0	88	-0.02
45	S	2-Fluorobiphenyl	1.691	1.629	3.7	89	-0.02
46		1,1'-Biphenyl	1.487	1.407	5.4	89	-0.02
47		2-Chloronaphthalene	1.177	1.118	5.0	89	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050079.D
Acq On : 02 May 2025 10:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 02 11:45:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.276	0.277	-0.4	91	-0.02
49		Acenaphthylene	1.857	1.757	5.4	88	-0.02
50		Dimethylphthalate	1.462	1.364	6.7	88	-0.01
51		2,6-Dinitrotoluene	0.303	0.293	3.3	89	-0.02
52	C	Acenaphthene	1.075	1.008	6.2	88	-0.02
53		3-Nitroaniline	0.289	0.292	-1.0	90	-0.02
54	P	2,4-Dinitrophenol	0.164	0.159	3.0	89	-0.01
55		Dibenzofuran	1.788	1.676	6.3	89	-0.01
56	P	4-Nitrophenol	0.205	0.197	3.9	87	-0.01
57		2,4-Dinitrotoluene	0.418	0.412	1.4	90	-0.01
58		Fluorene	1.463	1.392	4.9	89	-0.02
59		2,3,4,6-Tetrachlorophenol	0.410	0.385	6.1	88	-0.01
60		Diethylphthalate	1.377	1.280	7.0	89	-0.01
61		4-Chlorophenyl-phenylether	0.804	0.759	5.6	88	-0.02
62		4-Nitroaniline	0.279	0.287	-2.9	91	-0.01
63		Azobenzene	1.154	1.110	3.8	91	-0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	100	-0.01
65		4,6-Dinitro-2-methylphenol	0.125	0.118	5.6	88	-0.02
66	c	n-Nitrosodiphenylamine	0.614	0.575	6.4	88	-0.01
67		4-Bromophenyl-phenylether	0.242	0.224	7.4	87	-0.01
68		Hexachlorobenzene	0.279	0.256	8.2	87	-0.01
69		Atrazine	0.222	0.208	6.3	88	-0.02
70	C	Pentachlorophenol	0.157	0.148	5.7	89	-0.01
71		Phenanthrene	1.128	1.055	6.5	89	-0.01
72		Anthracene	1.142	1.078	5.6	89	-0.02
73		Carbazole	0.991	0.951	4.0	90	-0.02
74		Di-n-butylphthalate	1.180	1.100	6.8	88	-0.01
75	C	Fluoranthene	1.324	1.253	5.4	89	-0.01
76	I	Chrysene-d12	1.000	1.000	0.0	102	-0.02
77		Benzidine	0.710	0.672	5.4	89	-0.01
78		Pyrene	1.404	1.339	4.6	90	-0.01
79	S	Terphenyl-d14	1.352	1.346	0.4	90	-0.01
80		Butylbenzylphthalate	0.526	0.493	6.3	90	-0.02
81		Benzo(a)anthracene	1.377	1.316	4.4	91	-0.02
82		3,3'-Dichlorobenzidine	0.527	0.512	2.8	90	-0.02
83		Chrysene	1.275	1.197	6.1	91	-0.02
84		Bis(2-ethylhexyl)phthalate	0.786	0.736	6.4	89	-0.02
85	c	Di-n-octyl phthalate	1.296	1.179	9.0	88	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	102	-0.03
87		Indeno(1,2,3-cd)pyrene	1.490	1.428	4.2	91	-0.04
88		Benzo(b)fluoranthene	1.301	1.260	3.2	92	-0.02
89		Benzo(k)fluoranthene	1.316	1.232	6.4	91	-0.02
90	C	Benzo(a)pyrene	1.218	1.163	4.5	92	-0.03
91		Dibenzo(a,h)anthracene	1.215	1.165	4.1	92	-0.05
92		Benzo(g,h,i)perylene	1.163	1.103	5.2	91	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050079.D
Acq On : 02 May 2025 10:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 02 11:45:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

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Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	104	-0.02
2		1,4-Dioxane	40.000	38.909	2.7	97	-0.01
3		Pyridine	40.000	39.831	0.4	98	-0.01
4		n-Nitrosodimethylamine	40.000	39.763	0.6	97	-0.01
5	S	2-Fluorophenol	80.000	79.020	1.2	97	-0.02
6		Aniline	40.000	38.810	3.0	94	-0.02
7	S	Phenol-d6	80.000	78.722	1.6	95	-0.02
8		2-Chlorophenol	40.000	38.067	4.8	93	-0.02
9		Benzaldehyde	40.000	39.348	1.6	95	-0.02
10	C	Phenol	40.000	39.129	2.2	96	-0.02
11		bis(2-Chloroethyl)ether	40.000	37.651	5.9	93	-0.02
12		1,3-Dichlorobenzene	40.000	37.605	6.0	93	-0.02
13	C	1,4-Dichlorobenzene	40.000	37.620	6.0	94	-0.02
14		1,2-Dichlorobenzene	40.000	37.365	6.6	92	-0.02
15		Benzyl Alcohol	40.000	39.373	1.6	94	-0.02
16		2,2'-oxybis(1-Chloropropane	40.000	37.964	5.1	94	-0.02
17		2-Methylphenol	40.000	38.294	4.3	92	-0.02
18		Hexachloroethane	40.000	37.383	6.5	93	-0.02
19	P	n-Nitroso-di-n-propylamine	40.000	38.935	2.7	93	-0.02
20		3+4-Methylphenols	40.000	38.049	4.9	91	-0.02
21	I	Naphthalene-d8	20.000	20.000	0.0	101	-0.02
22		Acetophenone	40.000	38.525	3.7	91	-0.02
23	S	Nitrobenzene-d5	80.000	78.546	1.8	93	-0.02
24		Nitrobenzene	40.000	38.806	3.0	92	-0.02
25		Isophorone	40.000	37.703	5.7	91	-0.02
26	C	2-Nitrophenol	40.000	39.122	2.2	90	-0.02
27		2,4-Dimethylphenol	40.000	38.599	3.5	90	-0.02
28		bis(2-Chloroethoxy)methane	40.000	37.830	5.4	90	-0.02
29	C	2,4-Dichlorophenol	40.000	38.188	4.5	89	-0.02
30		1,2,4-Trichlorobenzene	40.000	37.330	6.7	90	-0.02
31		Naphthalene	40.000	37.533	6.2	90	-0.02
32		Benzoic acid	40.000	37.760	5.6	92	-0.02
33		4-Chloroaniline	40.000	38.567	3.6	92	-0.02
34	C	Hexachlorobutadiene	40.000	37.279	6.8	90	-0.02
35		Caprolactam	40.000	37.988	5.0	89	-0.02
36	C	4-Chloro-3-methylphenol	40.000	37.723	5.7	90	-0.02
37		2-Methylnaphthalene	40.000	36.961	7.6	89	-0.02
38		1-Methylnaphthalene	40.000	36.729	8.2	89	-0.02
39	I	Acenaphthene-d10	20.000	20.000	0.0	99	-0.01
40		1,2,4,5-Tetrachlorobenzene	40.000	37.818	5.5	87	-0.02
41	P	Hexachlorocyclopentadiene	40.000	36.381	9.0	84	-0.02
42	S	2,4,6-Tribromophenol	80.000	75.272	5.9	87	-0.01
43	C	2,4,6-Trichlorophenol	40.000	38.794	3.0	89	-0.02
44		2,4,5-Trichlorophenol	40.000	38.833	2.9	88	-0.02
45	S	2-Fluorobiphenyl	80.000	77.076	3.7	89	-0.02
46		1,1'-Biphenyl	40.000	37.860	5.4	89	-0.02
47		2-Chloronaphthalene	40.000	37.978	5.1	89	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	40.073	-0.2	91	-0.02
49		Acenaphthylene	40.000	37.848	5.4	88	-0.02
50		Dimethylphthalate	40.000	37.339	6.7	88	-0.01
51		2,6-Dinitrotoluene	40.000	38.680	3.3	89	-0.02
52	C	Acenaphthene	40.000	37.531	6.2	88	-0.02
53		3-Nitroaniline	40.000	40.397	-1.0	90	-0.02
54	P	2,4-Dinitrophenol	40.000	36.316	9.2	89	-0.01
55		Dibenzofuran	40.000	37.505	6.2	89	-0.01
56	P	4-Nitrophenol	40.000	36.239	9.4	87	-0.01
57		2,4-Dinitrotoluene	40.000	39.403	1.5	90	-0.01
58		Fluorene	40.000	38.045	4.9	89	-0.02
59		2,3,4,6-Tetrachlorophenol	40.000	37.531	6.2	88	-0.01
60		Diethylphthalate	40.000	37.170	7.1	89	-0.01
61		4-Chlorophenyl-phenylether	40.000	37.748	5.6	88	-0.02
62		4-Nitroaniline	40.000	41.199	-3.0	91	-0.01
63		Azobenzene	40.000	38.466	3.8	91	-0.01
64	I	Phenanthrene-d10	20.000	20.000	0.0	100	-0.01
65		4,6-Dinitro-2-methylphenol	40.000	37.831	5.4	88	-0.02
66	c	n-Nitrosodiphenylamine	40.000	37.443	6.4	88	-0.01
67		4-Bromophenyl-phenylether	40.000	37.047	7.4	87	-0.01
68		Hexachlorobenzene	40.000	36.775	8.1	87	-0.01
69		Atrazine	40.000	37.532	6.2	88	-0.02
70	C	Pentachlorophenol	40.000	37.697	5.8	89	-0.01
71		Phenanthrene	40.000	37.428	6.4	89	-0.01
72		Anthracene	40.000	37.780	5.5	89	-0.02
73		Carbazole	40.000	38.420	3.9	90	-0.02
74		Di-n-butylphthalate	40.000	37.291	6.8	88	-0.01
75	C	Fluoranthene	40.000	37.857	5.4	89	-0.01
76	I	Chrysene-d12	20.000	20.000	0.0	102	-0.02
77		Benzidine	40.000	37.830	5.4	89	-0.01
78		Pyrene	40.000	38.131	4.7	90	-0.01
79	S	Terphenyl-d14	80.000	79.649	0.4	90	-0.01
80		Butylbenzylphthalate	40.000	37.503	6.2	90	-0.02
81		Benzo(a)anthracene	40.000	38.212	4.5	91	-0.02
82		3,3'-Dichlorobenzidine	40.000	38.840	2.9	90	-0.02
83		Chrysene	40.000	37.577	6.1	91	-0.02
84		Bis(2-ethylhexyl)phthalate	40.000	37.489	6.3	89	-0.02
85	c	Di-n-octyl phthalate	40.000	36.386	9.0	88	-0.02
86	I	Perylene-d12	20.000	20.000	0.0	102	-0.03
87		Indeno(1,2,3-cd)pyrene	40.000	38.341	4.1	91	-0.04
88		Benzo(b)fluoranthene	40.000	38.740	3.1	92	-0.02
89		Benzo(k)fluoranthene	40.000	37.457	6.4	91	-0.02
90	C	Benzo(a)pyrene	40.000	38.195	4.5	92	-0.03
91		Dibenzo(a,h)anthracene	40.000	38.366	4.1	92	-0.05
92		Benzo(g,h,i)perylene	40.000	37.936	5.2	91	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
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Misc :
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Instrument :
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Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: BNA_M Calibration Date/Time: 05/05/2025 12:18

Lab File ID: BM050096.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.142	1.095		-4.1	
Phenol-d6	1.436	1.417		-1.3	
Nitrobenzene-d5	0.406	0.383		-5.7	
Naphthalene	1.013	0.951		-6.1	
2-Fluorobiphenyl	1.691	1.567		-7.3	
Acenaphthylene	1.857	1.741		-6.2	
Acenaphthene	1.075	0.996		-7.3	20.0
Fluorene	1.463	1.372		-6.2	
2,4,6-Tribromophenol	0.296	0.291		-1.7	
Phenanthrene	1.128	1.050		-6.9	
Anthracene	1.142	1.073		-6.0	
Fluoranthene	1.324	1.269		-4.2	20.0
Pyrene	1.404	1.384		-1.4	
Terphenyl-d14	1.352	1.328		-1.8	
Benzo(a)anthracene	1.377	1.294		-6.0	
Chrysene	1.275	1.185		-7.1	
Benzo(b)fluoranthene	1.301	1.186		-8.8	
Benzo(k)fluoranthene	1.316	1.187		-9.8	
Benzo(a)pyrene	1.218	1.140		-6.4	20.0
Indeno(1,2,3-cd)pyrene	1.490	1.405		-5.7	
Dibenzo(a,h)anthracene	1.215	1.150		-5.3	
Benzo(g,h,i)perylene	1.163	1.099		-5.5	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050096.D
Acq On : 05 May 2025 12:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 05 13:18:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.745	152	253723	20.000	ng		-0.02
21) Naphthalene-d8	10.539	136	967980	20.000	ng		-0.02
39) Acenaphthene-d10	14.398	164	663376	20.000	ng		-0.01
64) Phenanthrene-d10	17.145	188	1334825	20.000	ng		-0.01
76) Chrysene-d12	21.386	240	1249729	20.000	ng		-0.01
86) Perylene-d12	24.380	264	1253431	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	1110988	76.675	ng		-0.02
7) Phenol-d6	6.934	99	1437961	78.959	ng		-0.02
23) Nitrobenzene-d5	8.910	82	1482829	75.486	ng		-0.02
42) 2,4,6-Tribromophenol	15.892	330	772621	78.767	ng		-0.01
45) 2-Fluorobiphenyl	13.016	172	4158957	74.166	ng		-0.02
79) Terphenyl-d14	19.774	244	6640114	78.622	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	223507	35.976	ng		98
3) Pyridine	3.640	79	613802	38.453	ng		98
4) n-Nitrosodimethylamine	3.546	42	233972	37.372	ng		99
6) Aniline	7.075	93	898043	39.051	ng		99
8) 2-Chlorophenol	7.316	128	607512	38.778	ng		98
9) Benzaldehyde	6.892	77	465479	38.194	ng		98
10) Phenol	6.963	94	723253	39.230	ng		98
11) bis(2-Chloroethyl)ether	7.169	93	580714	37.722	ng		100
12) 1,3-Dichlorobenzene	7.634	146	712514	37.650	ng		99
13) 1,4-Dichlorobenzene	7.781	146	717230	37.725	ng		99
14) 1,2-Dichlorobenzene	8.098	146	691814	37.671	ng		100
15) Benzyl Alcohol	7.992	79	516687	40.911	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.269	45	709989	37.940	ng		99
17) 2-Methylphenol	8.210	107	482551	39.731	ng		99
18) Hexachloroethane	8.822	117	252677	37.387	ng		99
19) n-Nitroso-di-n-propyla...	8.557	70	467999	40.068	ng		100
20) 3+4-Methylphenols	8.539	107	663013	40.424	ng		99
22) Acetophenone	8.569	105	910945	37.853	ng	#	99
24) Nitrobenzene	8.951	77	640531	37.711	ng		99
25) Isophorone	9.475	82	1281550	38.272	ng		99
26) 2-Nitrophenol	9.657	139	350488	40.391	ng		99
27) 2,4-Dimethylphenol	9.733	122	564199	39.207	ng		99
28) bis(2-Chloroethoxy)met...	9.951	93	784616	37.911	ng		99
29) 2,4-Dichlorophenol	10.210	162	639475	39.667	ng		98
30) 1,2,4-Trichlorobenzene	10.404	180	735664	37.455	ng		100
31) Naphthalene	10.592	128	1841162	37.558	ng		100
32) Benzoic acid	9.904	122	382848	41.598	ng		95
33) 4-Chloroaniline	10.710	127	788885	39.262	ng		99
34) Hexachlorobutadiene	10.874	225	460750	36.955	ng		99
35) Caprolactam	11.504	113	193827	41.235	ng		98
36) 4-Chloro-3-methylphenol	11.857	107	583518	39.178	ng		99
37) 2-Methylnaphthalene	12.210	142	1250848	38.059	ng		99
38) 1-Methylnaphthalene	12.427	142	1314594	37.796	ng		98
40) 1,2,4,5-Tetrachloroben...	12.580	216	864920	37.664	ng		100
41) Hexachlorocyclopentadiene	12.557	237	498851	35.546	ng		99
43) 2,4,6-Trichlorophenol	12.833	196	573909	39.402	ng		99

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Acq On : 05 May 2025 12:18
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Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 05 13:18:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.921	196	621796	39.588	ng	99
46) 1,1'-Biphenyl	13.227	154	1825108	37.011	ng	99
47) 2-Chloronaphthalene	13.268	162	1443971	36.973	ng	100
48) 2-Nitroaniline	13.480	65	363286	39.633	ng	99
49) Acenaphthylene	14.115	152	2310020	37.514	ng	100
50) Dimethylphthalate	13.857	163	1805057	37.233	ng	100
51) 2,6-Dinitrotoluene	13.974	165	393554	39.208	ng	99
52) Acenaphthene	14.457	154	1322056	37.091	ng	100
53) 3-Nitroaniline	14.310	138	390100	40.707	ng	100
54) 2,4-Dinitrophenol	14.533	184	227150	38.565	ng	98
55) Dibenzofuran	14.798	168	2218445	37.408	ng	99
56) 4-Nitrophenol	14.657	139	280919	38.524	ng	100
57) 2,4-Dinitrotoluene	14.774	165	553885	39.934	ng	98
58) Fluorene	15.445	166	1820845	37.511	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.033	232	530016	38.984	ng	98
60) Diethylphthalate	15.221	149	1685311	36.893	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	999499	37.488	ng	99
62) 4-Nitroaniline	15.480	138	388801	42.051	ng	99
63) Azobenzene	15.733	77	1421023	37.117	ng	97
65) 4,6-Dinitro-2-methylph...	15.545	198	333899	39.962	ng	99
66) n-Nitrosodiphenylamine	15.657	169	1548448	37.777	ng	98
67) 4-Bromophenyl-phenylether	16.333	248	603599	37.394	ng	97
68) Hexachlorobenzene	16.456	284	697206	37.471	ng	97
69) Atrazine	16.609	200	571836	38.676	ng	99
70) Pentachlorophenol	16.809	266	406540	38.816	ng	99
71) Phenanthrene	17.186	178	2802096	37.219	ng	100
72) Anthracene	17.280	178	2864342	37.595	ng	100
73) Carbazole	17.551	167	2522772	38.159	ng	99
74) Di-n-butylphthalate	18.109	149	2948729	37.453	ng	99
75) Fluoranthene	19.209	202	3388771	38.339	ng	99
77) Benzidine	19.392	184	1768881	39.848	ng	99
78) Pyrene	19.568	202	3459686	39.422	ng	100
80) Butylbenzylphthalate	20.468	149	1284636	39.083	ng	99
81) Benzo(a)anthracene	21.374	228	3234550	37.585	ng	100
82) 3,3'-Dichlorobenzidine	21.291	252	1283648	38.964	ng	100
83) Chrysene	21.433	228	2962136	37.189	ng	100
84) Bis(2-ethylhexyl)phtha...	21.286	149	1801797	36.699	ng	99
85) Di-n-octyl phthalate	22.409	149	3010178	37.178	ng	99
87) Indeno(1,2,3-cd)pyrene	27.773	276	3521793	37.708	ng	99
88) Benzo(b)fluoranthene	23.438	252	2973664	36.480	ng	100
89) Benzo(k)fluoranthene	23.497	252	2976318	36.097	ng	100
90) Benzo(a)pyrene	24.244	252	2858100	37.436	ng	100
91) Dibenzo(a,h)anthracene	27.815	278	2883384	37.873	ng	99
92) Benzo(g,h,i)perylene	28.826	276	2755094	37.799	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
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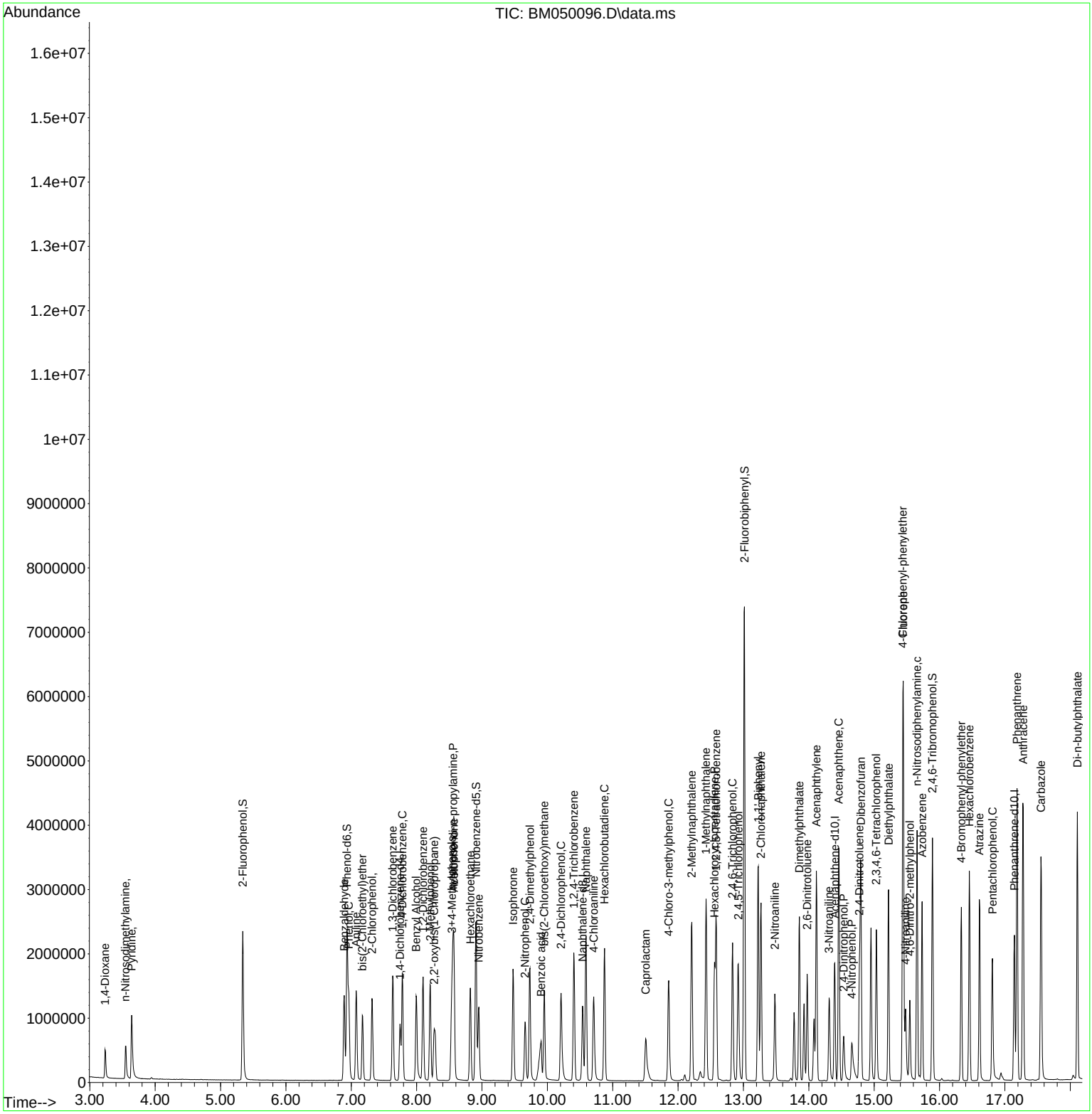
Acq On : 05 May 2025 12:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 05 13:18:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
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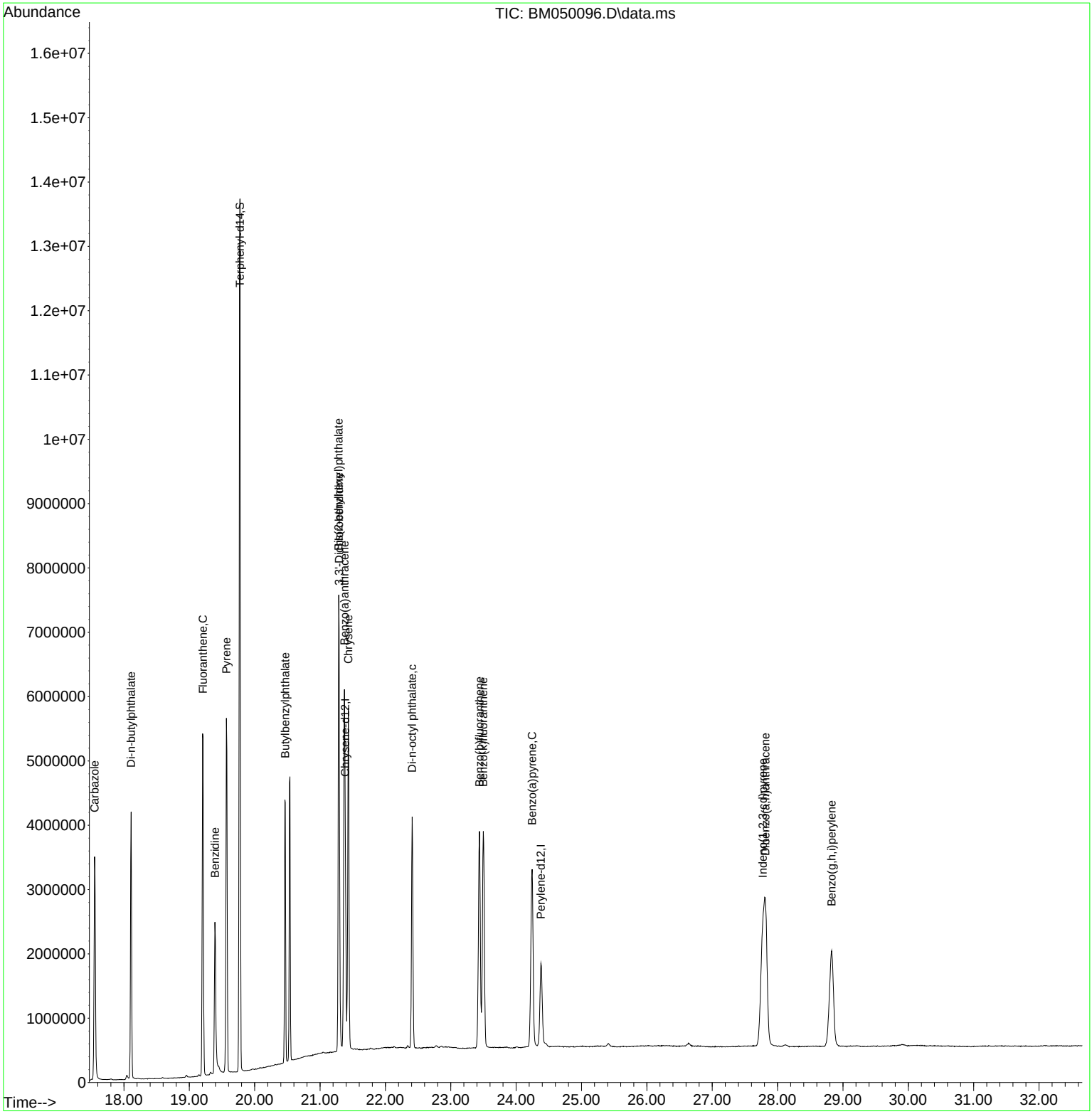
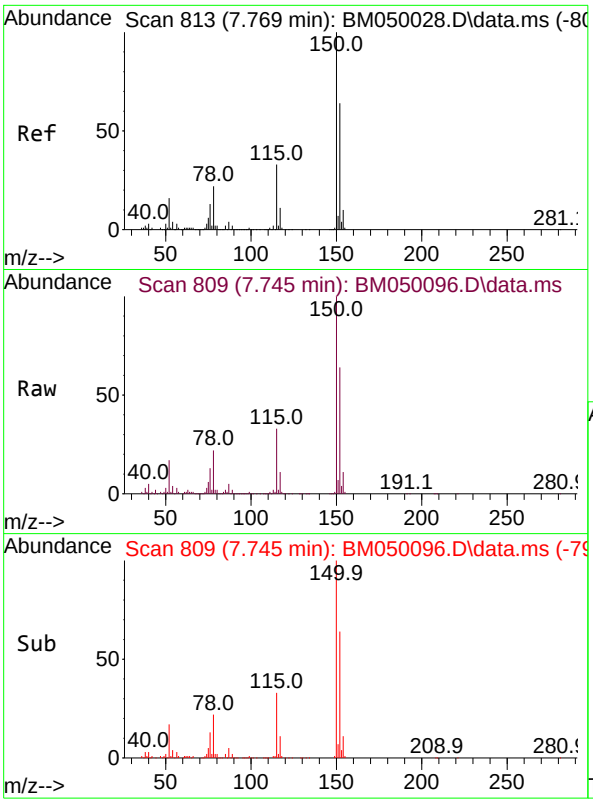


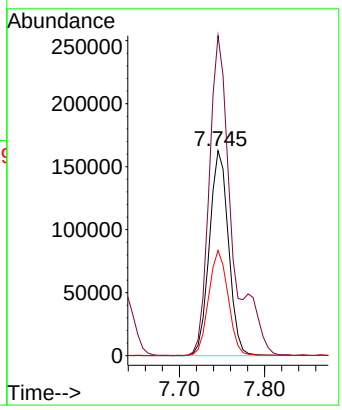


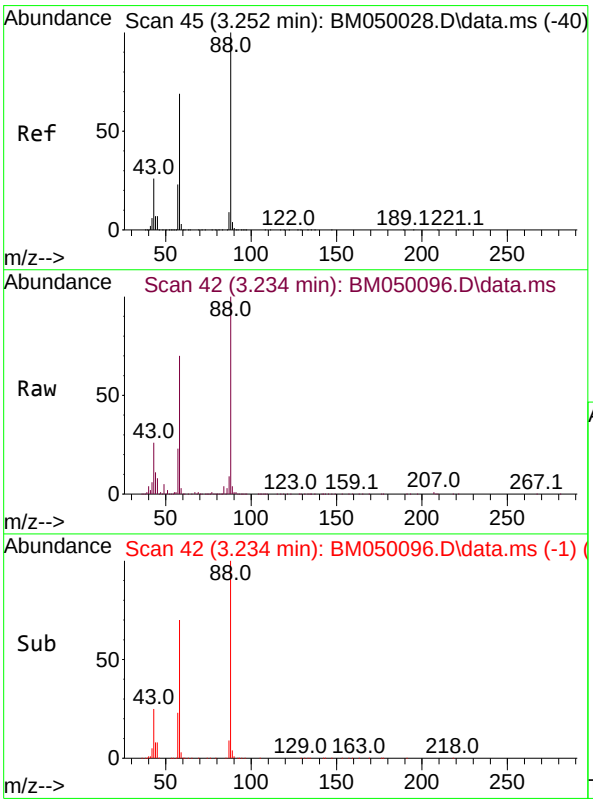
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 253723

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.1	186.1
115	51.4	41.2	61.8

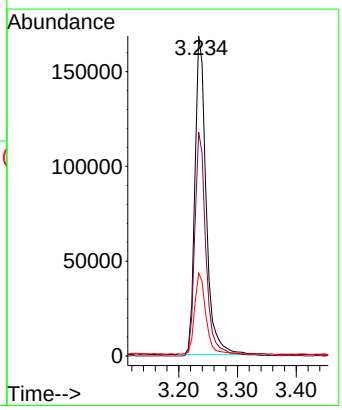


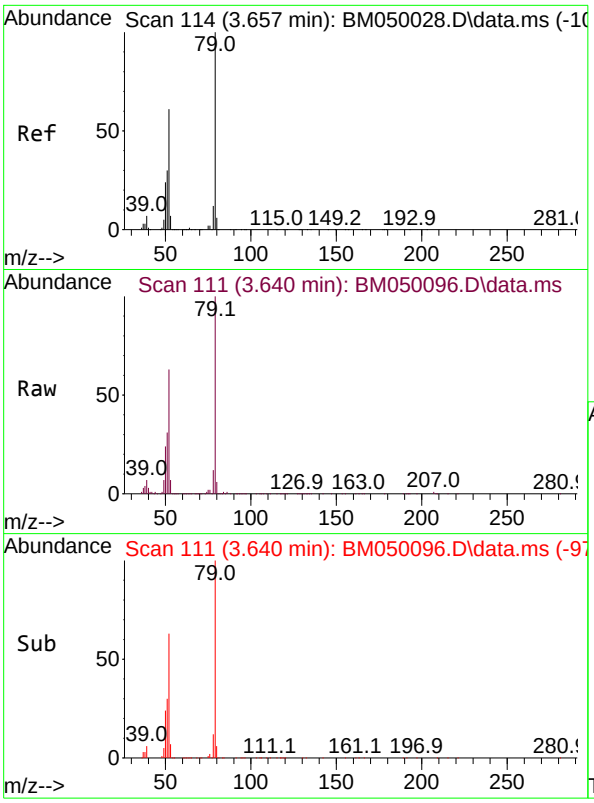


#2
1,4-Dioxane
Concen: 35.976 ng
RT: 3.234 min Scan# 42
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion: 88 Resp: 223507

Ion	Ratio	Lower	Upper
88	100		
58	70.2	55.1	82.7
43	25.4	20.9	31.3



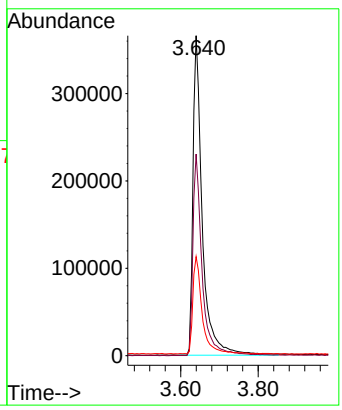


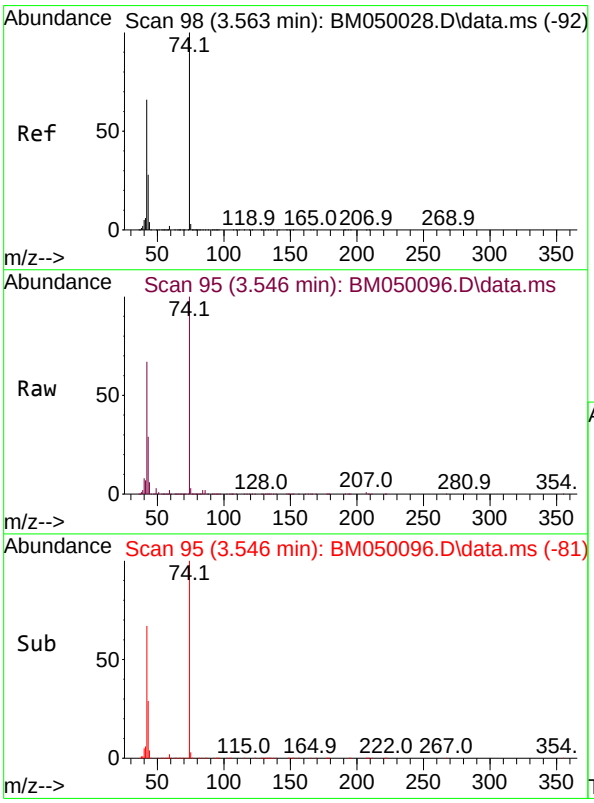
#3
Pyridine
Concen: 38.453 ng
RT: 3.640 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 613802

Ion	Ratio	Lower	Upper
79	100		
52	63.0	48.6	72.8
51	30.9	24.6	37.0

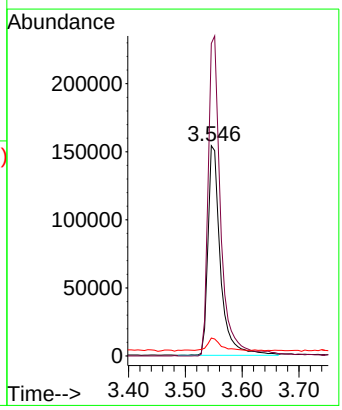


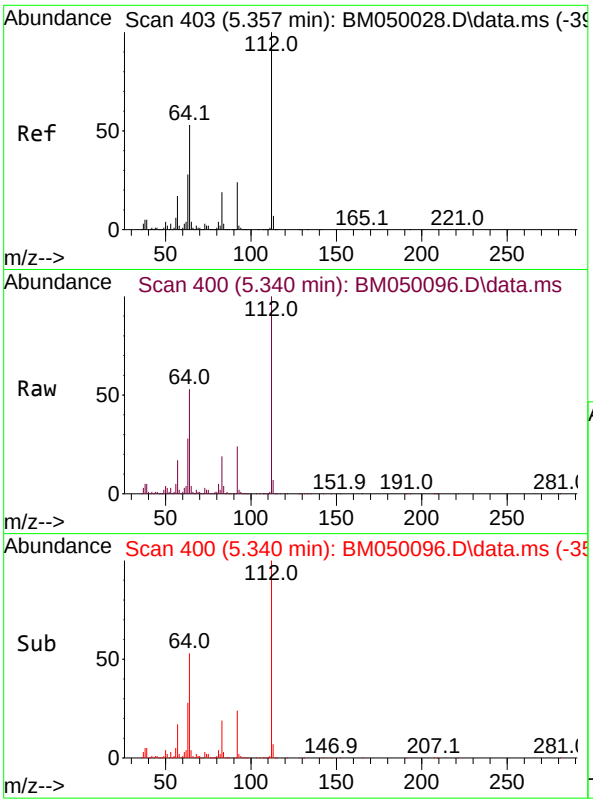


#4
n-Nitrosodimethylamine
Concen: 37.372 ng
RT: 3.546 min Scan# 95
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion: 42 Resp: 233972

Ion	Ratio	Lower	Upper
42	100		
74	148.6	120.2	180.2
44	8.5	6.2	9.2



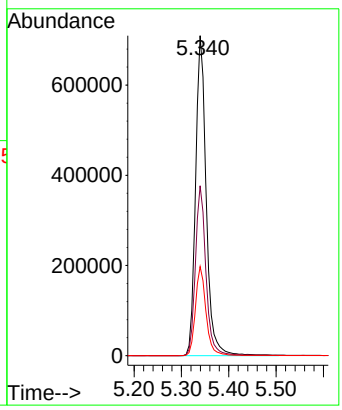


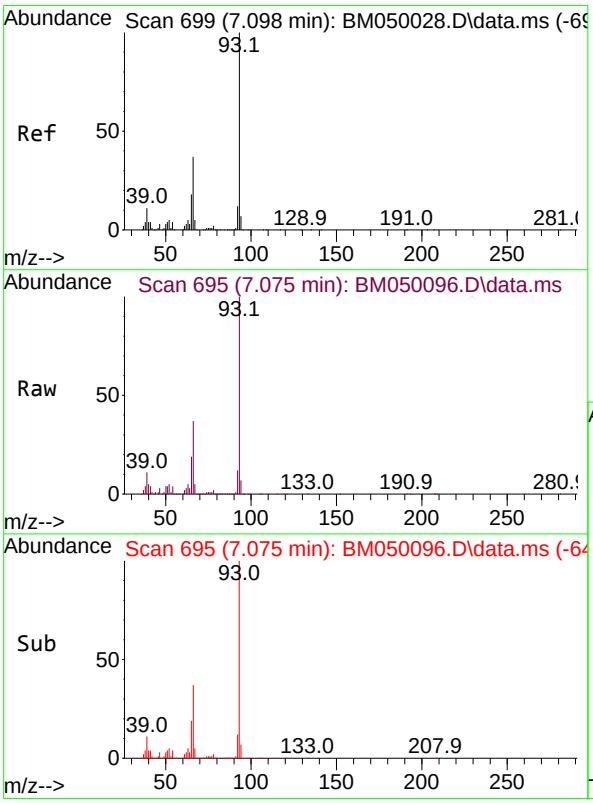
#5
2-Fluorophenol
Concen: 76.675 ng
RT: 5.340 min Scan# 4(
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 1110988

Ion	Ratio	Lower	Upper
112	100		
64	53.1	42.6	64.0
63	27.9	22.2	33.4

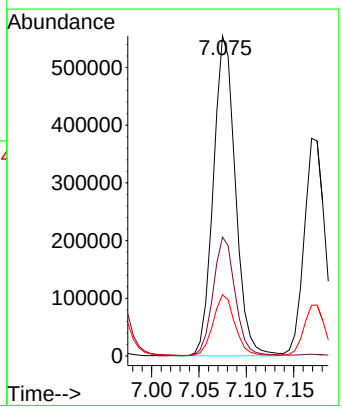


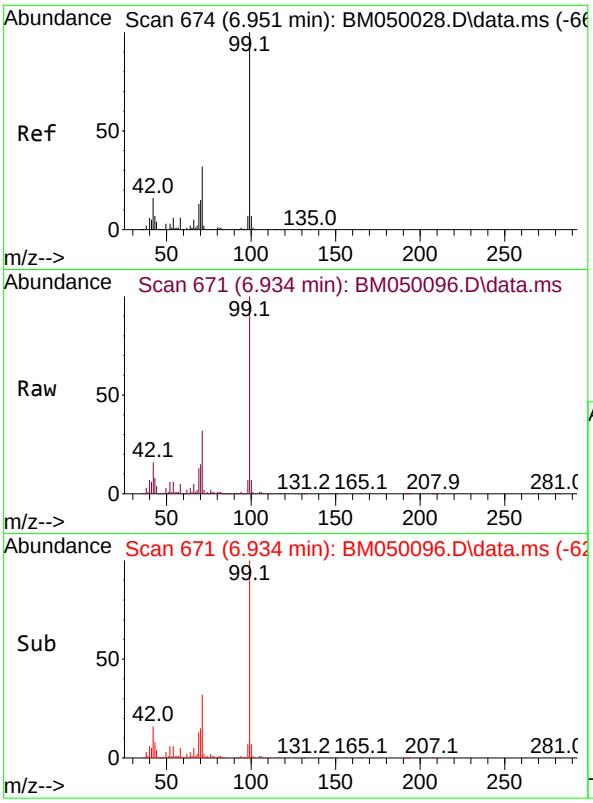


#6
Aniline
Concen: 39.051 ng
RT: 7.075 min Scan# 695
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion: 93 Resp: 898043

Ion	Ratio	Lower	Upper
93	100		
66	37.2	29.9	44.9
65	19.1	14.5	21.7



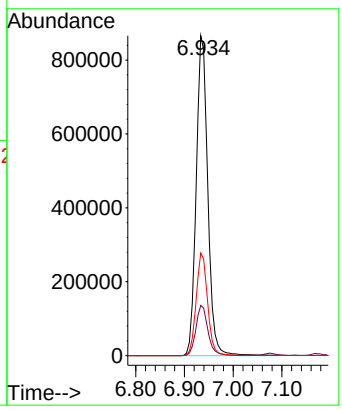


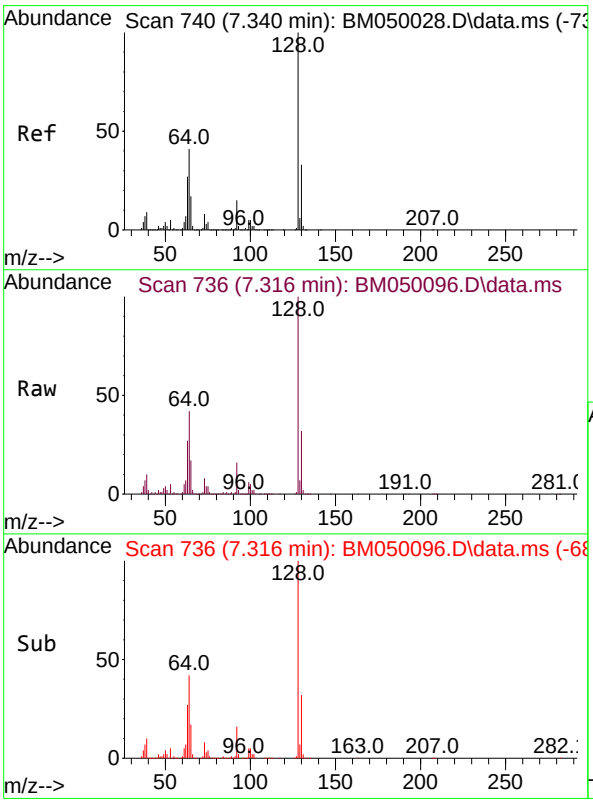
#7
Phenol-d6
Concen: 78.959 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 1437961

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.0	19.4
71	32.1	25.6	38.4

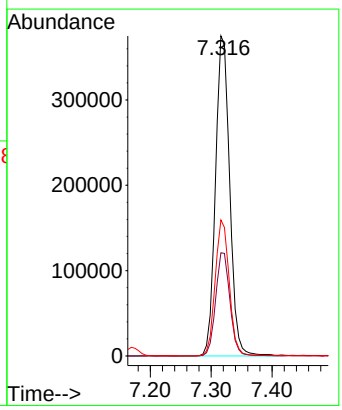


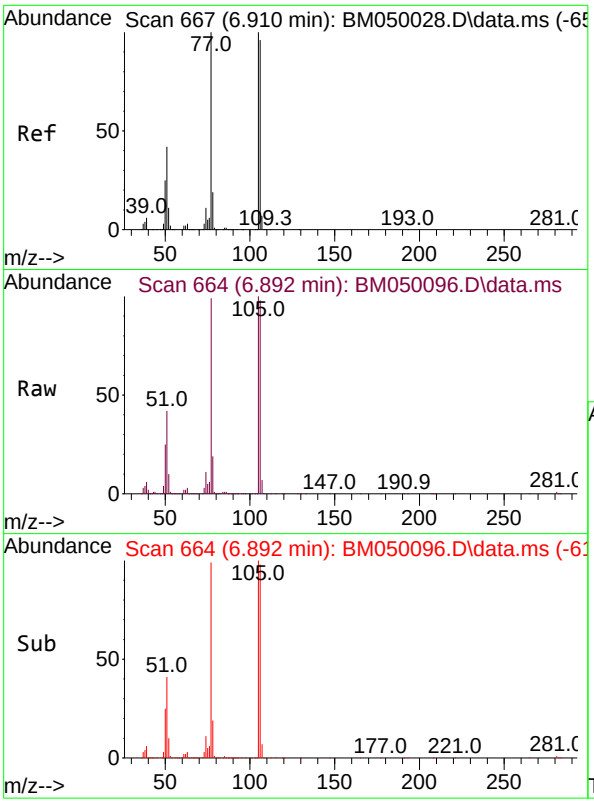


#8
2-Chlorophenol
Concen: 38.778 ng
RT: 7.316 min Scan# 736
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:128 Resp: 607512

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.8	52.8
64	42.5	21.2	61.2



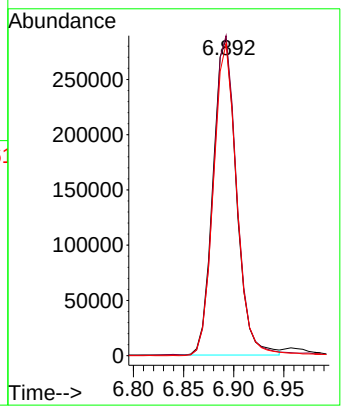


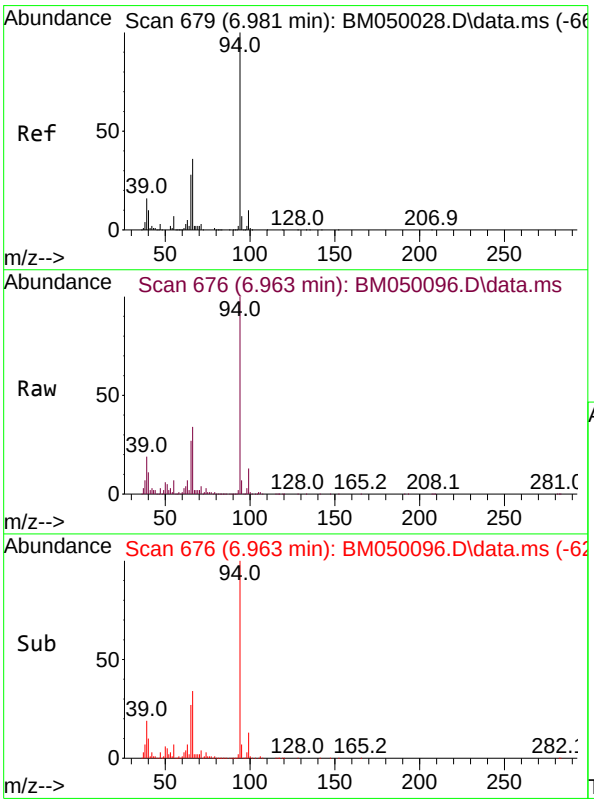
#9
Benzaldehyde
Concen: 38.194 ng
RT: 6.892 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 465479

Ion	Ratio	Lower	Upper
77	100		
105	101.0	80.5	120.5
106	98.6	76.1	116.1

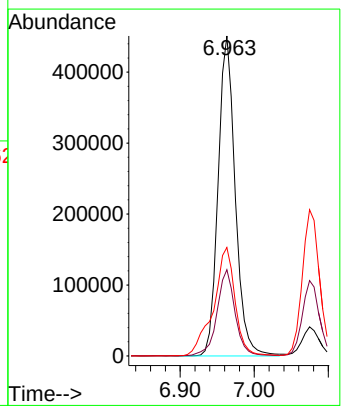


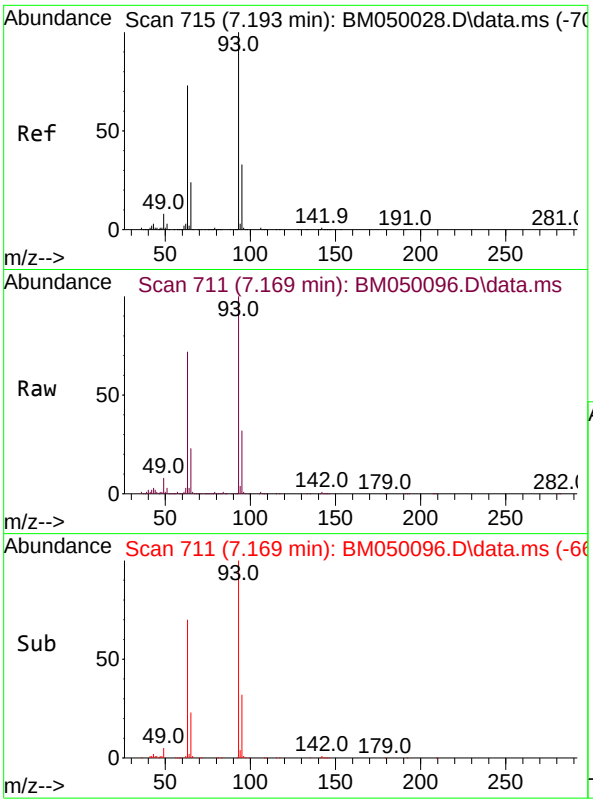


#10
Phenol
Concen: 39.230 ng
RT: 6.963 min Scan# 676
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion: 94 Resp: 723253

Ion	Ratio	Lower	Upper
94	100		
65	27.0	7.6	47.6
66	33.9	15.8	55.8



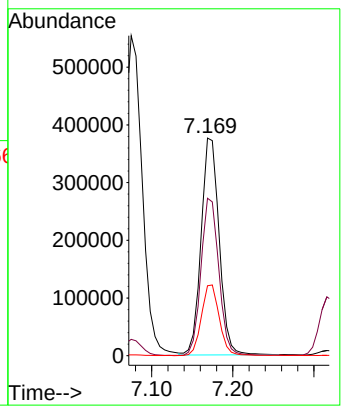


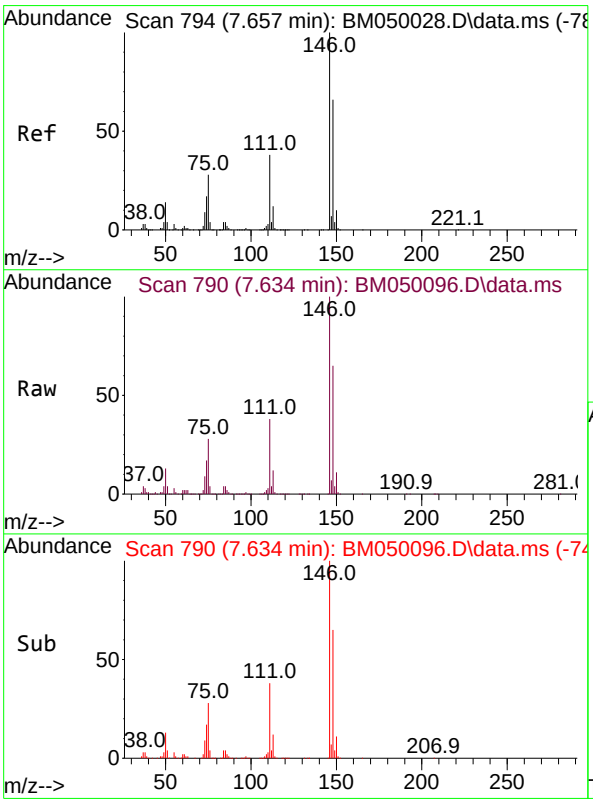
#11
bis(2-Chloroethyl)ether
Concen: 37.722 ng
RT: 7.169 min Scan# 7
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 580714

Ion	Ratio	Lower	Upper
93	100		
63	72.3	52.3	92.3
95	32.1	12.8	52.8

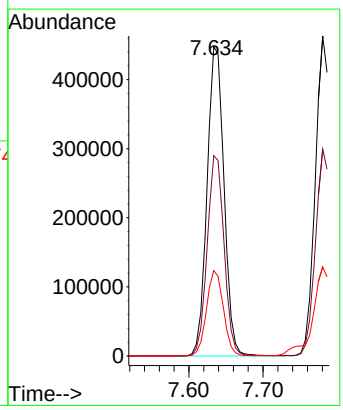


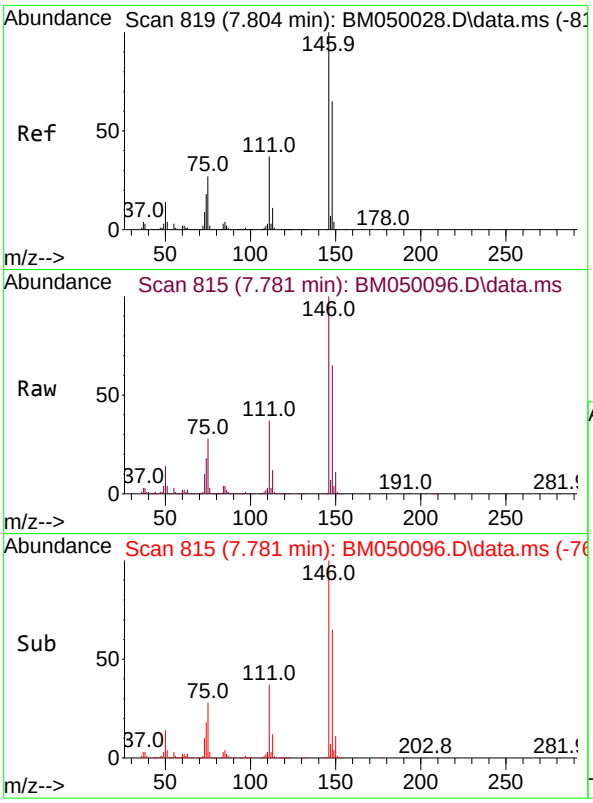


#12
1,3-Dichlorobenzene
Concen: 37.650 ng
RT: 7.634 min Scan# 790
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:146 Resp: 712514

Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.5	78.7
75	27.7	22.6	34.0



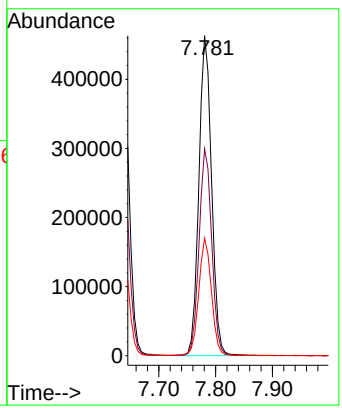


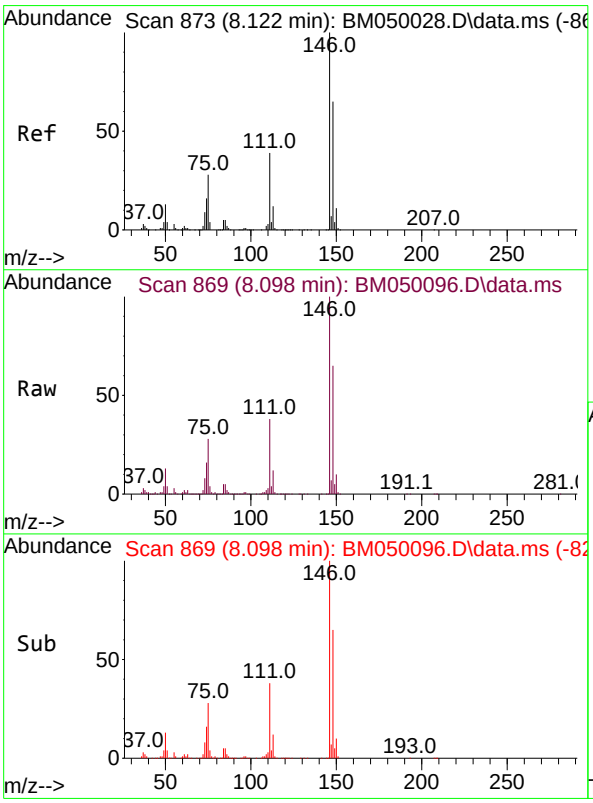
#13
1,4-Dichlorobenzene
Concen: 37.725 ng
RT: 7.781 min Scan# 81
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 717230

Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.2
111	36.7	29.3	43.9

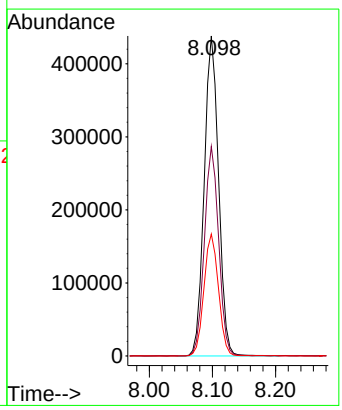


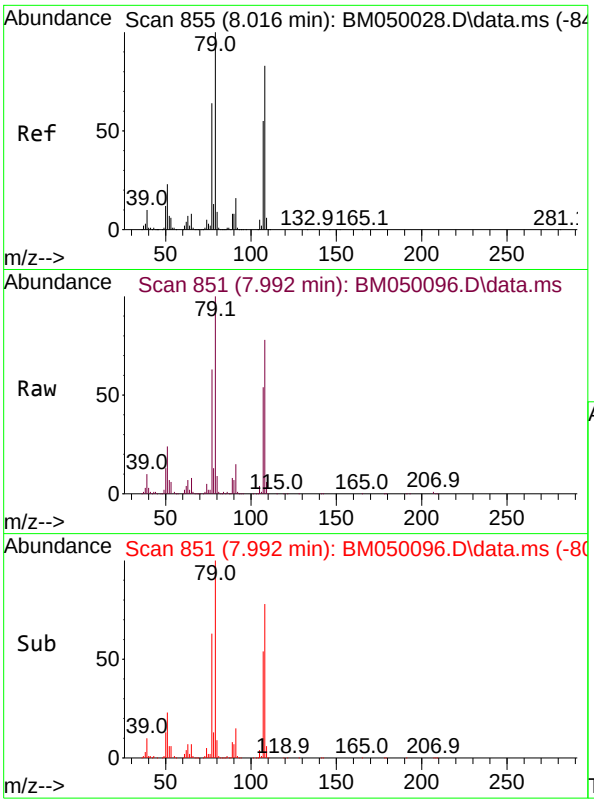


#14
1,2-Dichlorobenzene
Concen: 37.671 ng
RT: 8.098 min Scan# 869
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:146 Resp: 691814

Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.4	78.6
111	38.1	31.0	46.6



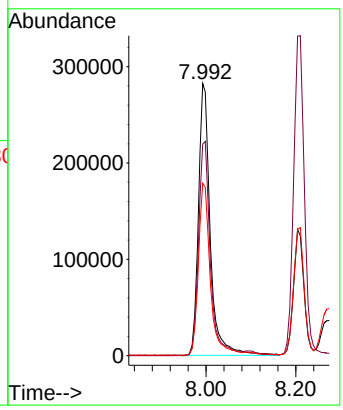


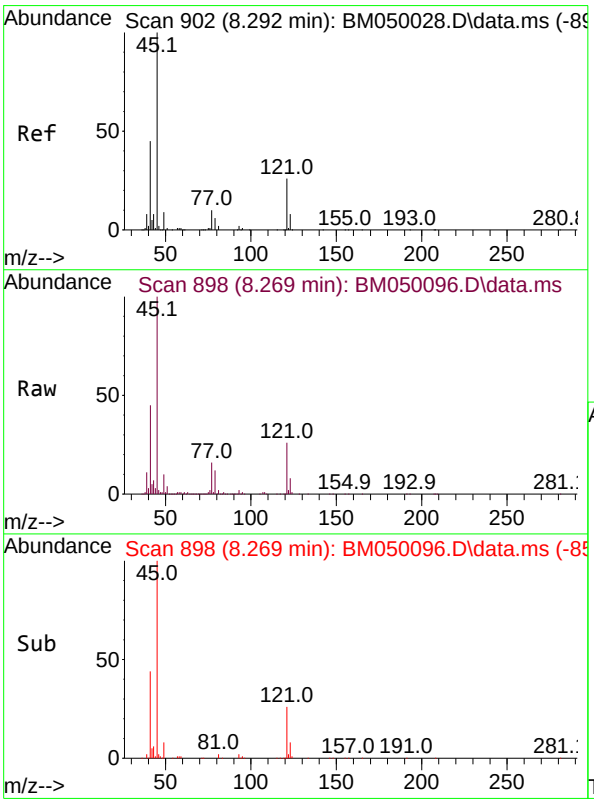
#15
Benzyl Alcohol
Concen: 40.911 ng
RT: 7.992 min Scan# 8
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 516687

Ion	Ratio	Lower	Upper
79	100		
108	77.7	66.0	99.0
77	63.3	51.6	77.4

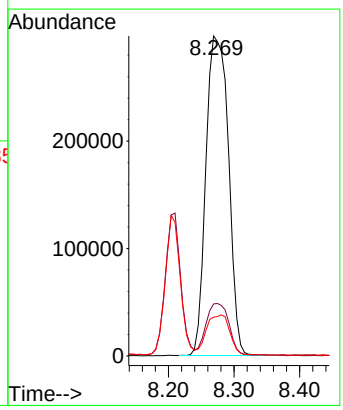


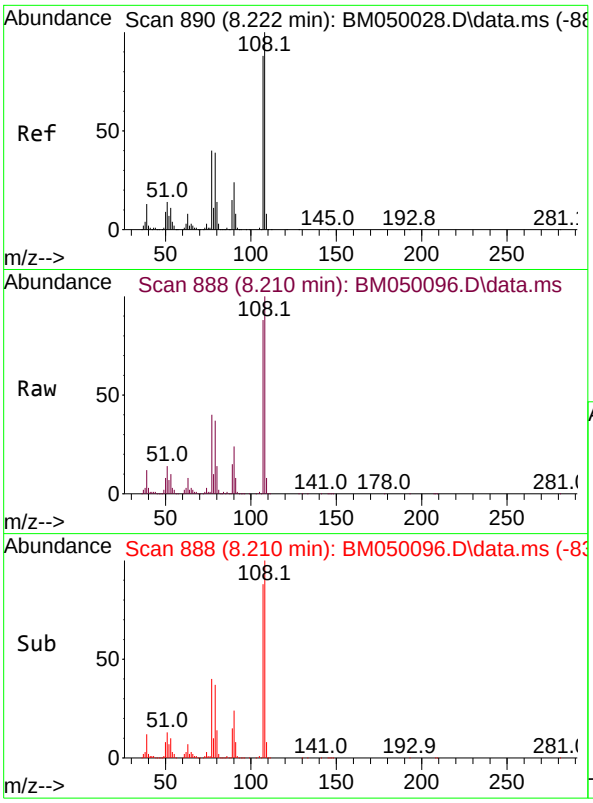


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.940 ng
RT: 8.269 min Scan# 898
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion: 45 Resp: 709989

Ion	Ratio	Lower	Upper
45	100		
77	16.2	0.0	36.4
79	12.1	0.0	32.7



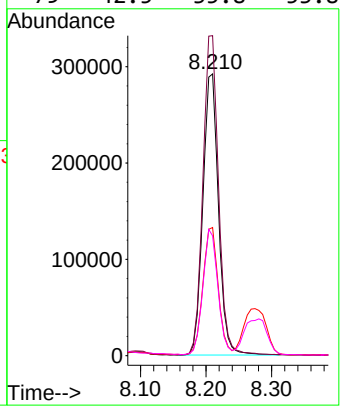


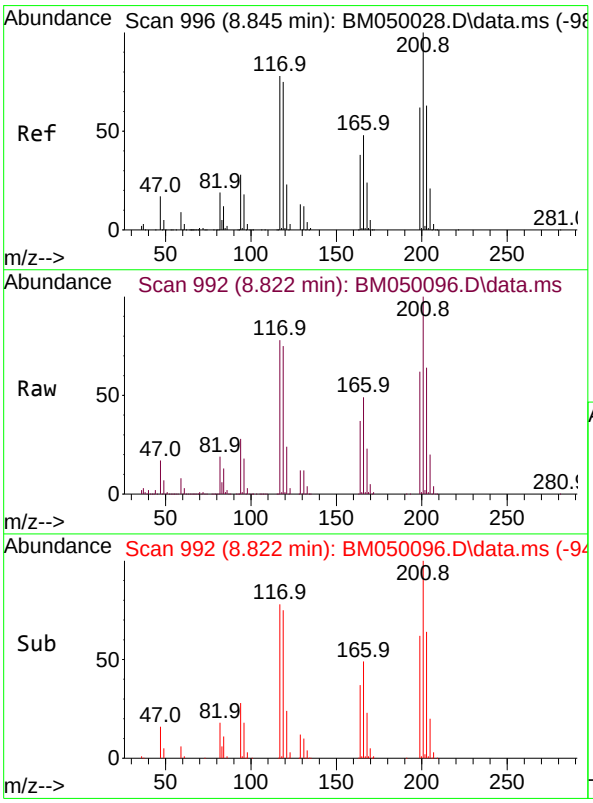
#17
2-Methylphenol
Concen: 39.731 ng
RT: 8.210 min Scan# 8
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 482551

Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.1	136.7
77	45.5	36.2	54.4
79	42.5	35.8	53.8

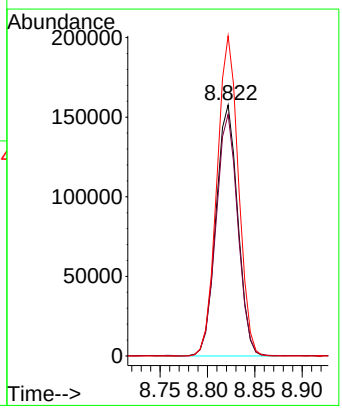


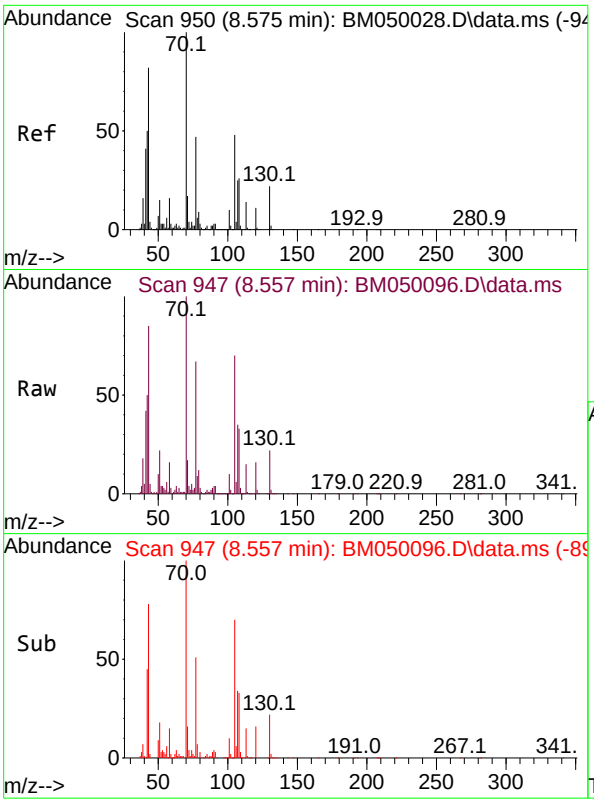


#18
Hexachloroethane
Concen: 37.387 ng
RT: 8.822 min Scan# 992
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:117 Resp: 252677

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.3	115.9
201	127.5	102.8	154.2



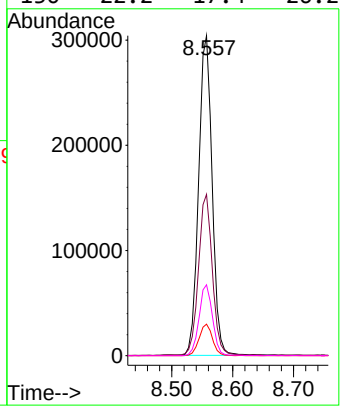


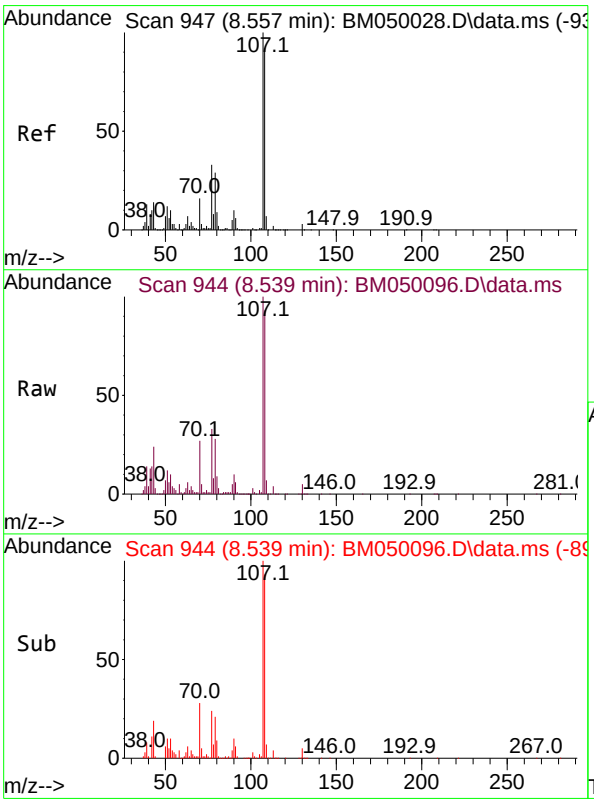
#19
n-Nitroso-di-n-propylamine
Concen: 40.068 ng
RT: 8.557 min Scan# 94
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 467999

Ion	Ratio	Lower	Upper
70	100		
42	50.4	40.5	60.7
101	9.8	7.8	11.6
130	22.2	17.4	26.2

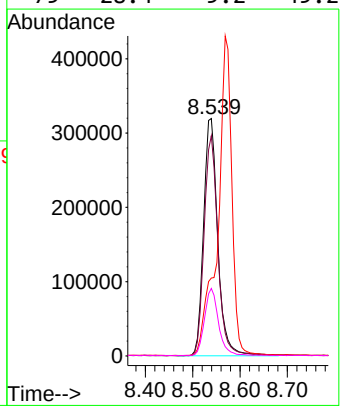


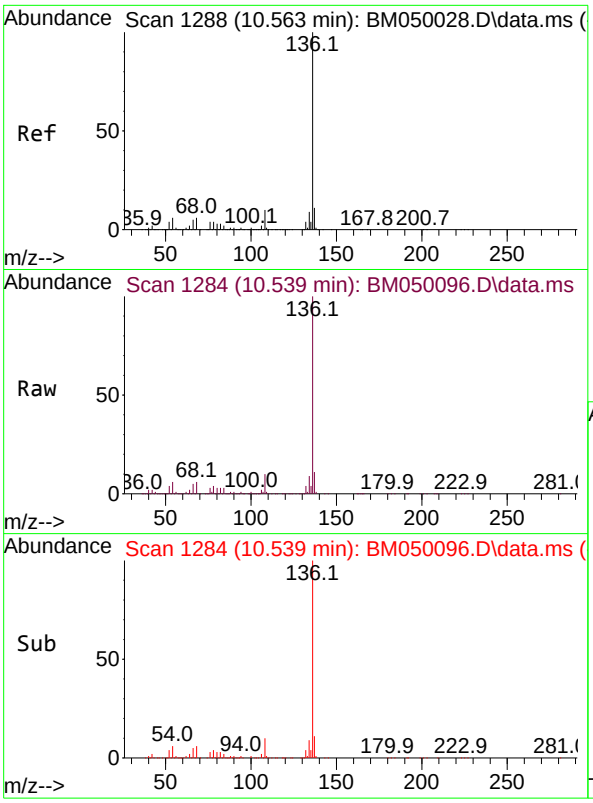


#20
3+4-Methylphenols
Concen: 40.424 ng
RT: 8.539 min Scan# 944
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:107 Resp: 663013

Ion	Ratio	Lower	Upper
107	100		
108	92.8	72.4	112.4
77	32.8	13.6	53.6
79	28.4	9.2	49.2



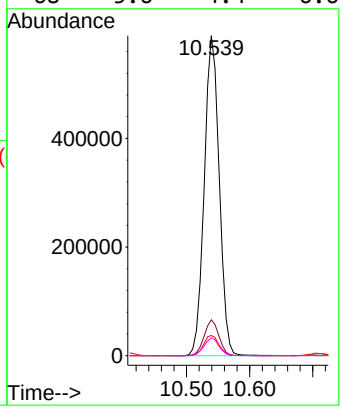


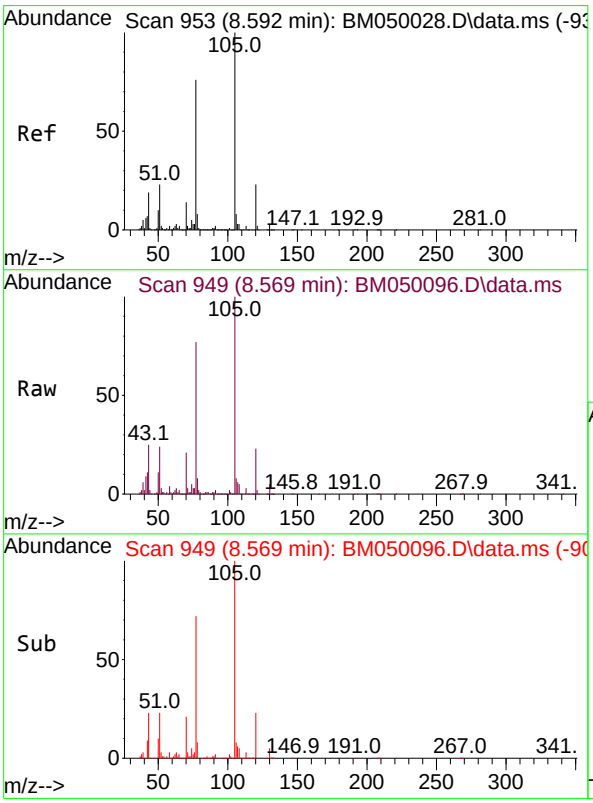
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 967980

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.3	5.1	7.7
68	5.6	4.4	6.6

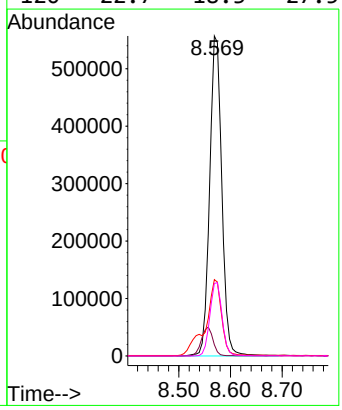


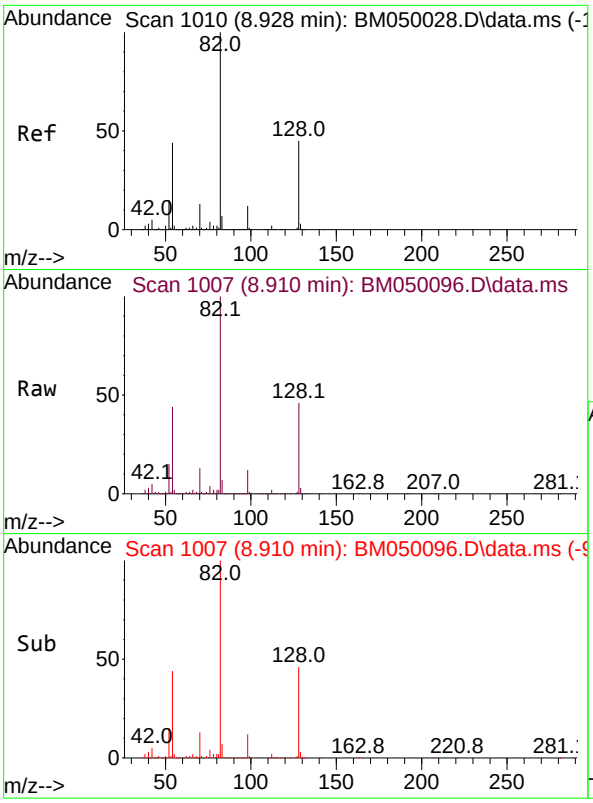


#22
Acetophenone
Concen: 37.853 ng
RT: 8.569 min Scan# 949
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:105 Resp: 910945

Ion	Ratio	Lower	Upper
105	100		
71	3.5	1.7	2.5#
51	23.8	18.6	27.8
120	22.7	18.3	27.5



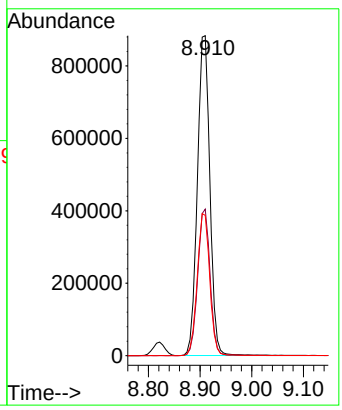


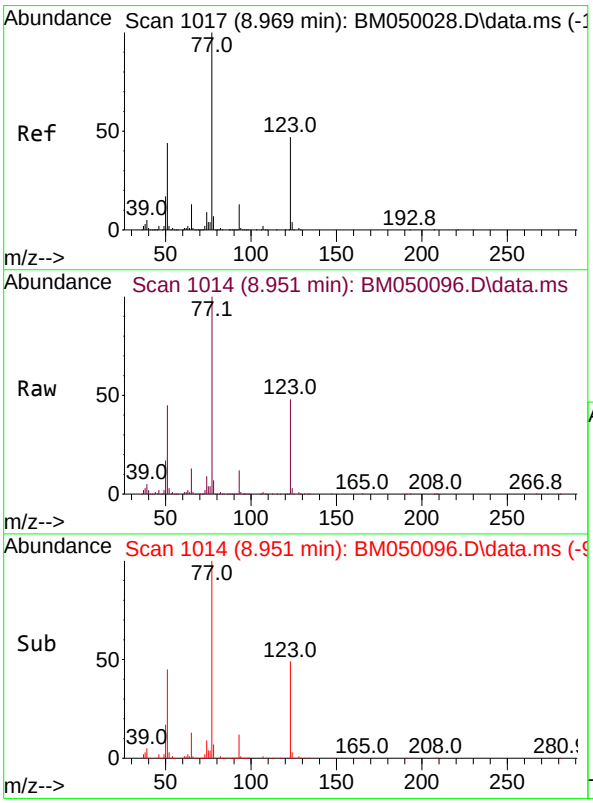
#23
Nitrobenzene-d5
Concen: 75.486 ng
RT: 8.910 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1482829

Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.7	53.5
54	43.8	35.4	53.2

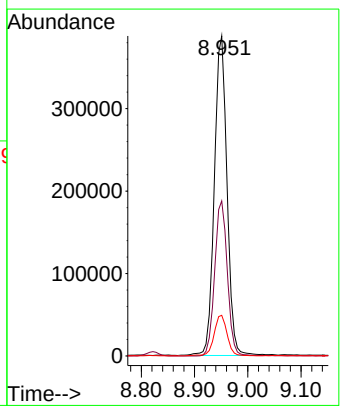


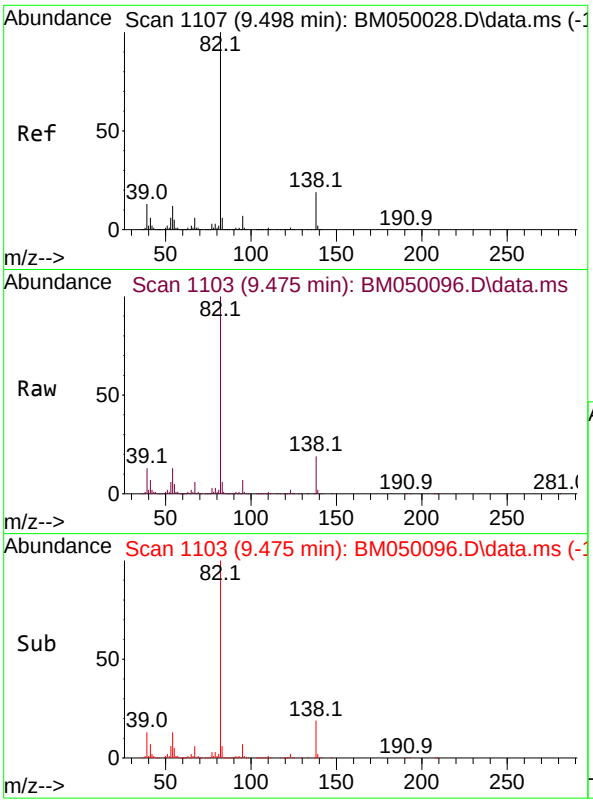


#24
Nitrobenzene
Concen: 37.711 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion: 77 Resp: 640531

Ion	Ratio	Lower	Upper
77	100		
123	48.5	37.9	56.9
65	12.7	10.1	15.1



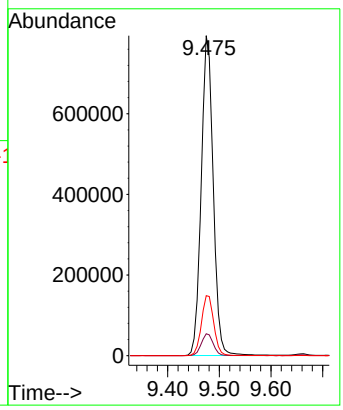


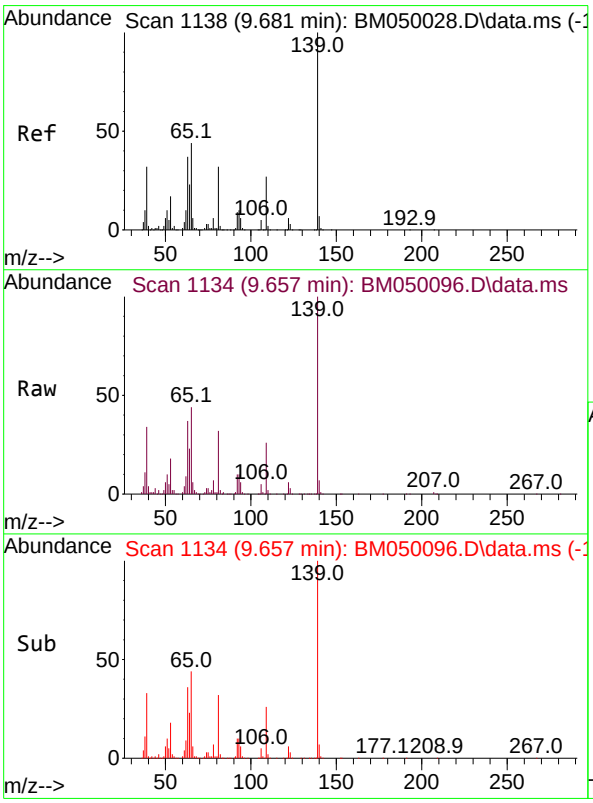
#25
Isophorone
Concen: 38.272 ng
RT: 9.475 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1281550

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.7	8.5
138	18.7	15.5	23.3

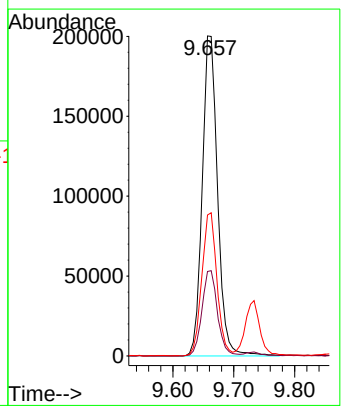


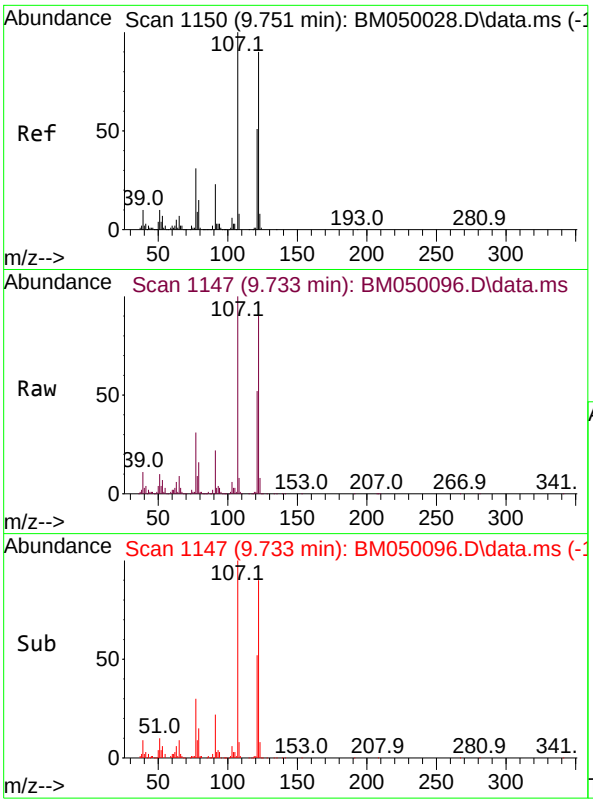


#26
2-Nitrophenol
Concen: 40.391 ng
RT: 9.657 min Scan# 1134
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:139 Resp: 350488

Ion	Ratio	Lower	Upper
139	100		
109	26.4	21.9	32.9
65	44.0	35.4	53.2



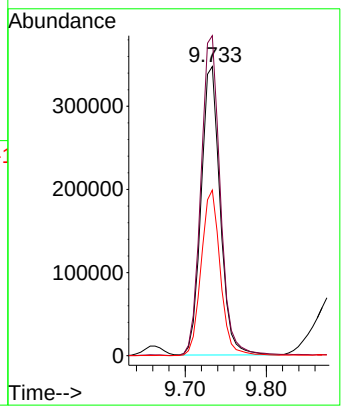


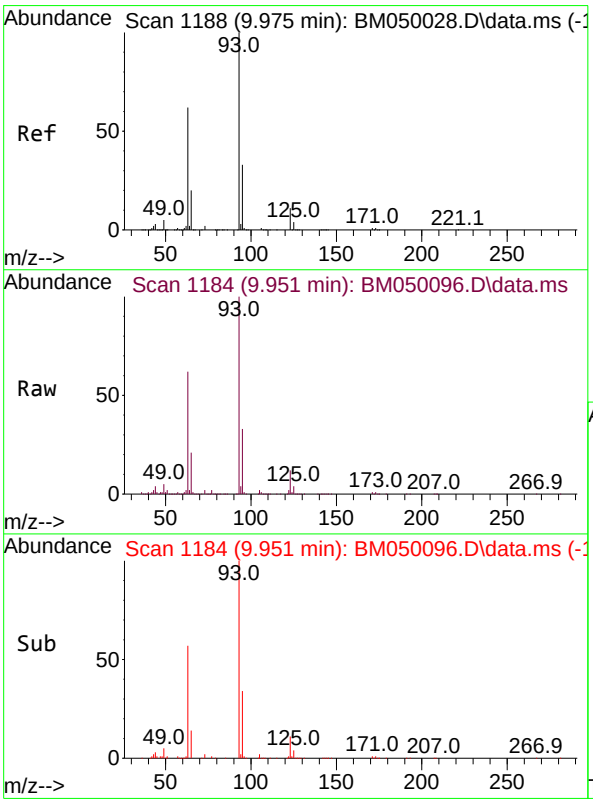
#27
2,4-Dimethylphenol
Concen: 39.207 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 564199

Ion	Ratio	Lower	Upper
122	100		
107	110.7	89.0	133.6
121	57.3	45.6	68.4

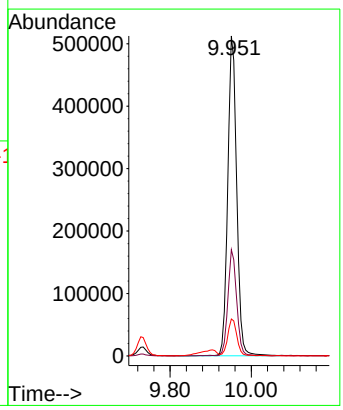


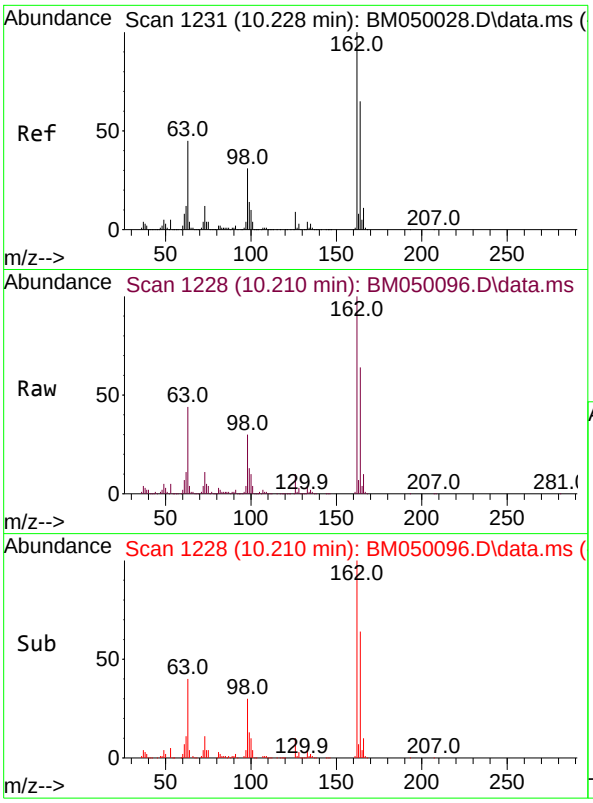


#28
bis(2-Chloroethoxy)methane
Concen: 37.911 ng
RT: 9.951 min Scan# 1184
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion: 93 Resp: 784616

Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.1	39.1
123	11.5	9.5	14.3



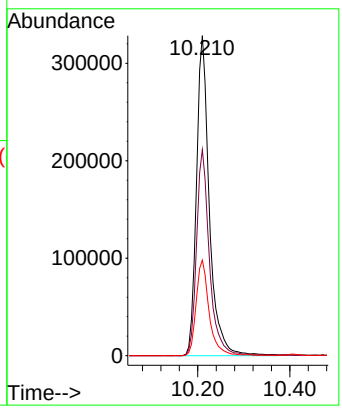


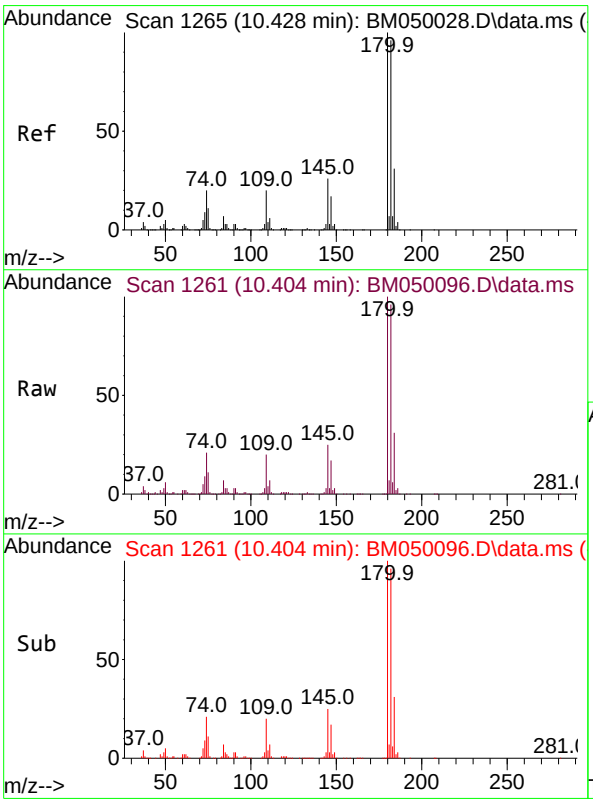
#29
2,4-Dichlorophenol
Concen: 39.667 ng
RT: 10.210 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 639475

Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.4	85.4
98	29.9	11.3	51.3

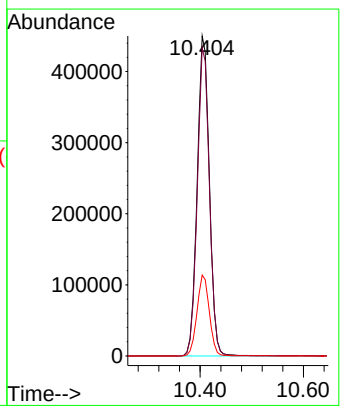


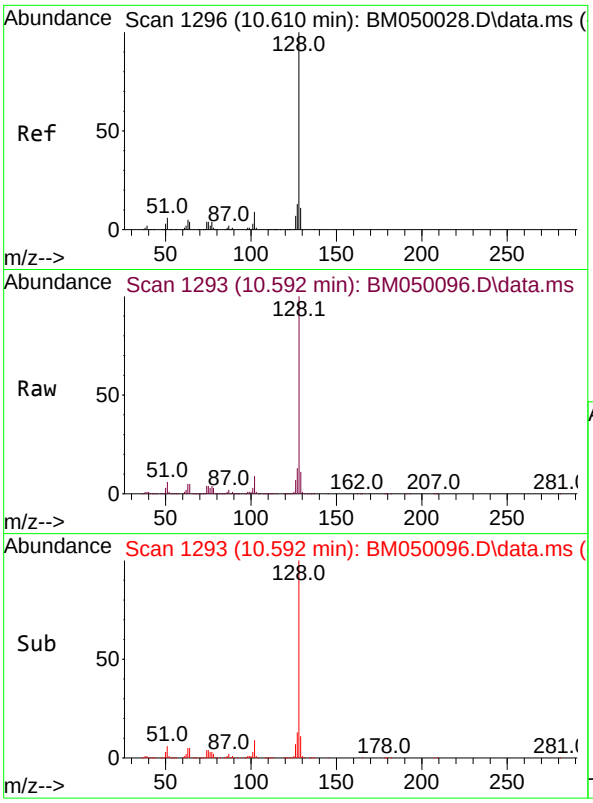


#30
1,2,4-Trichlorobenzene
Concen: 37.455 ng
RT: 10.404 min Scan# 1261
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:180 Resp: 735664

Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.0	115.4
145	25.3	20.6	30.8



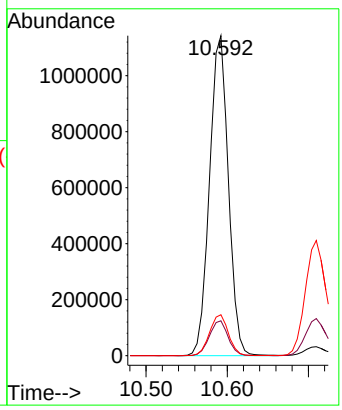


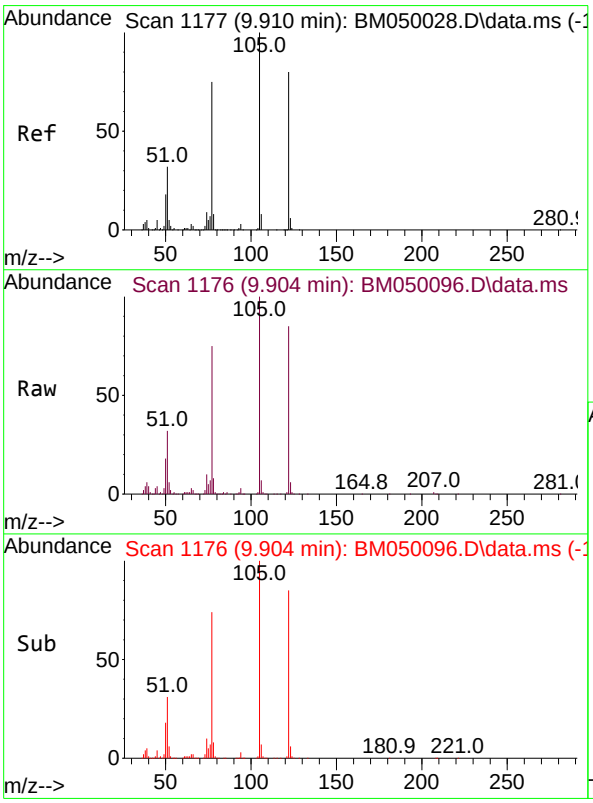
#31
Naphthalene
Concen: 37.558 ng
RT: 10.592 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1841162

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.8	10.4	15.6

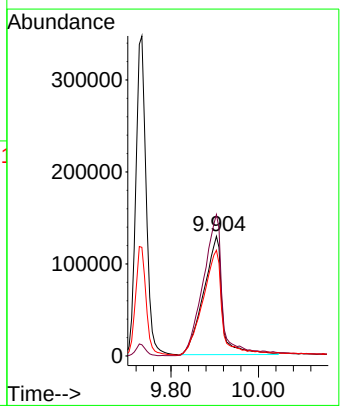


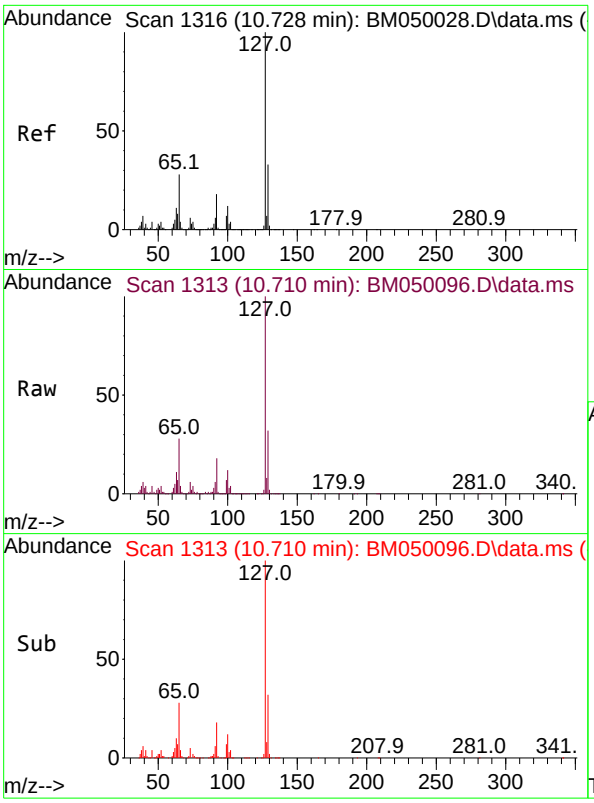


#32
Benzoic acid
Concen: 41.598 ng
RT: 9.904 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:122 Resp: 382848

Ion	Ratio	Lower	Upper
122	100		
105	118.3	103.6	143.6
77	88.4	73.7	113.7



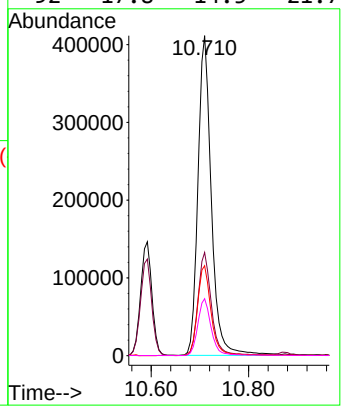


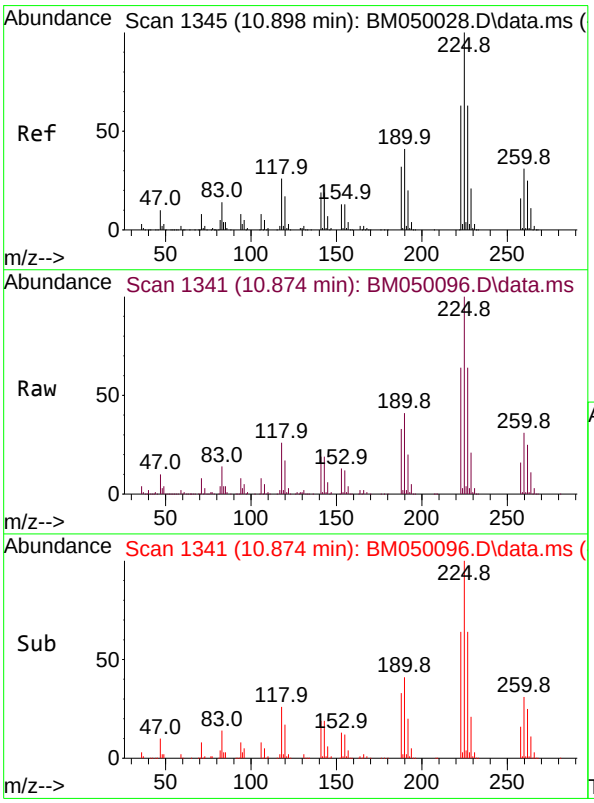
#33
4-Chloroaniline
Concen: 39.262 ng
RT: 10.710 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 788885

Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	28.1	22.5	33.7
92	17.8	14.5	21.7

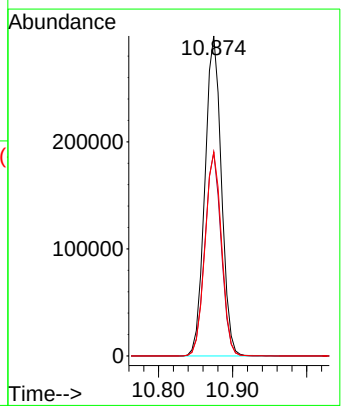


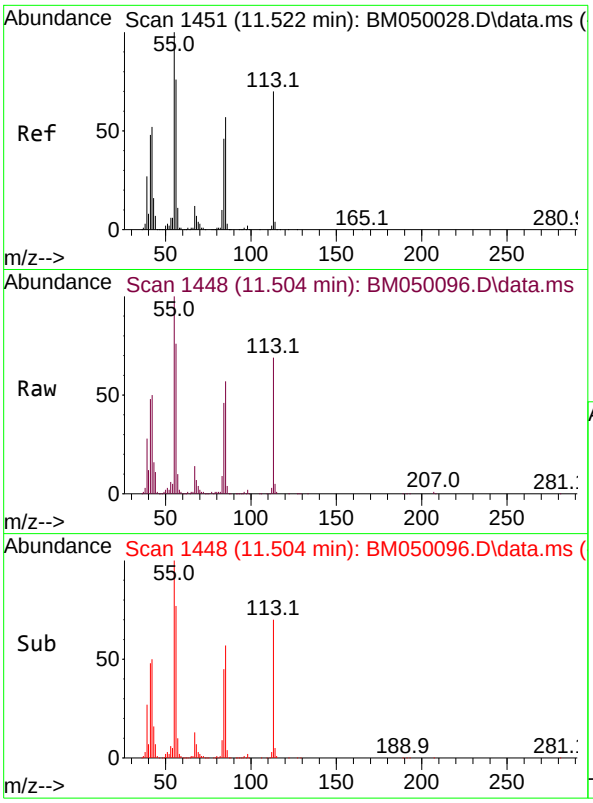


#34
Hexachlorobutadiene
Concen: 36.955 ng
RT: 10.874 min Scan# 1341
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:225 Resp: 460750

Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.2	75.2
227	63.7	50.6	76.0



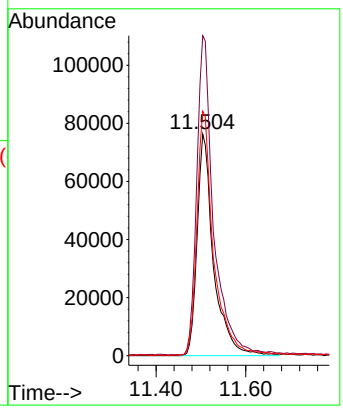


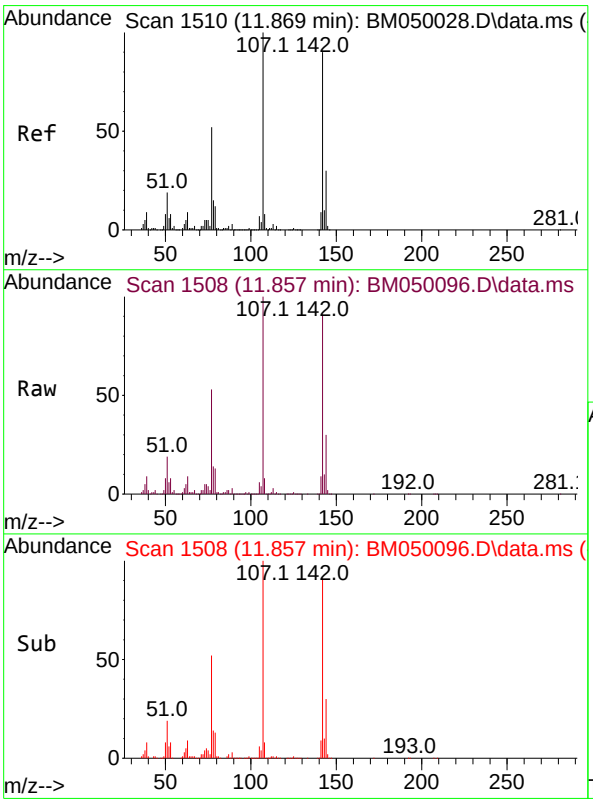
#35
Caprolactam
Concen: 41.235 ng
RT: 11.504 min Scan# 14
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 193827

Ion	Ratio	Lower	Upper
113	100		
55	144.5	122.9	162.9
56	110.4	88.1	128.1

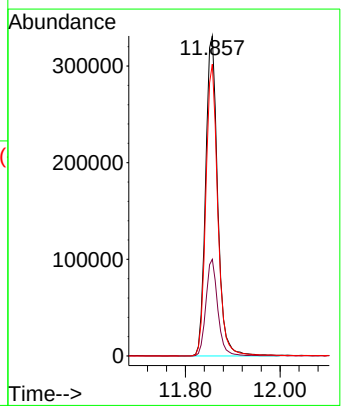


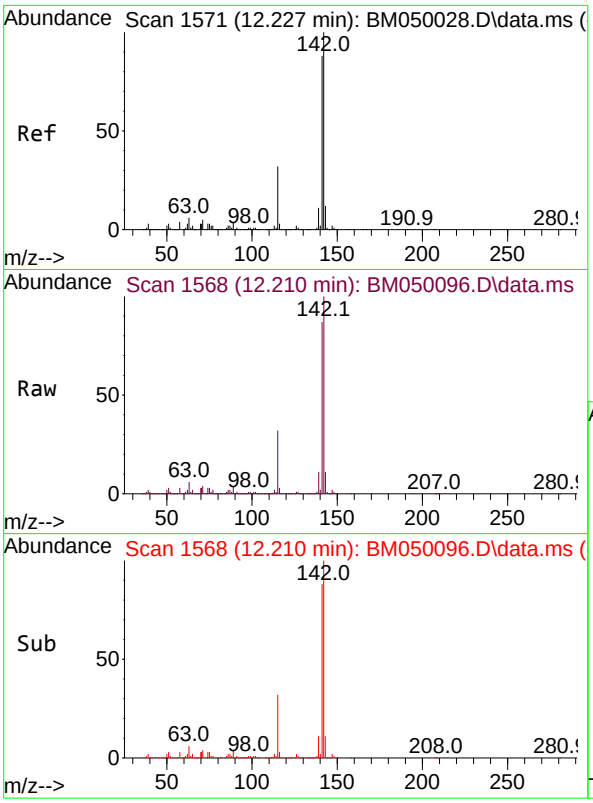


#36
4-Chloro-3-methylphenol
Concen: 39.178 ng
RT: 11.857 min Scan# 1508
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:107 Resp: 583518

Ion	Ratio	Lower	Upper
107	100		
144	30.2	23.8	35.6
142	91.2	71.9	107.9



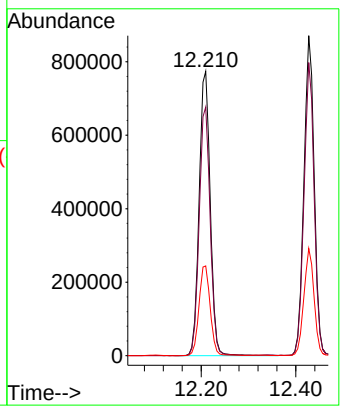


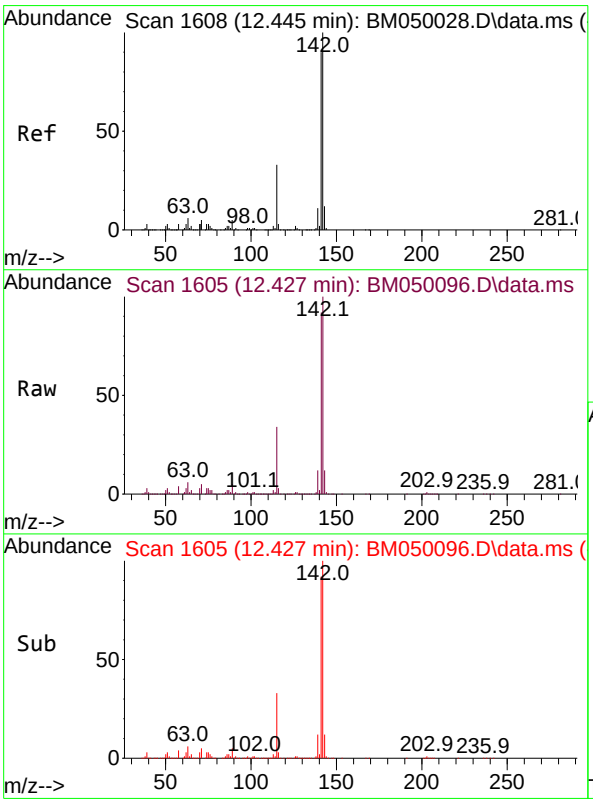
#37
2-Methylnaphthalene
Concen: 38.059 ng
RT: 12.210 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 1250848

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.4	105.6
115	31.6	25.4	38.2

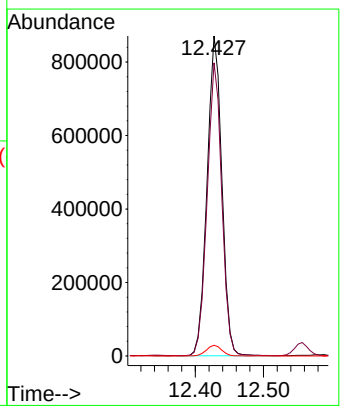


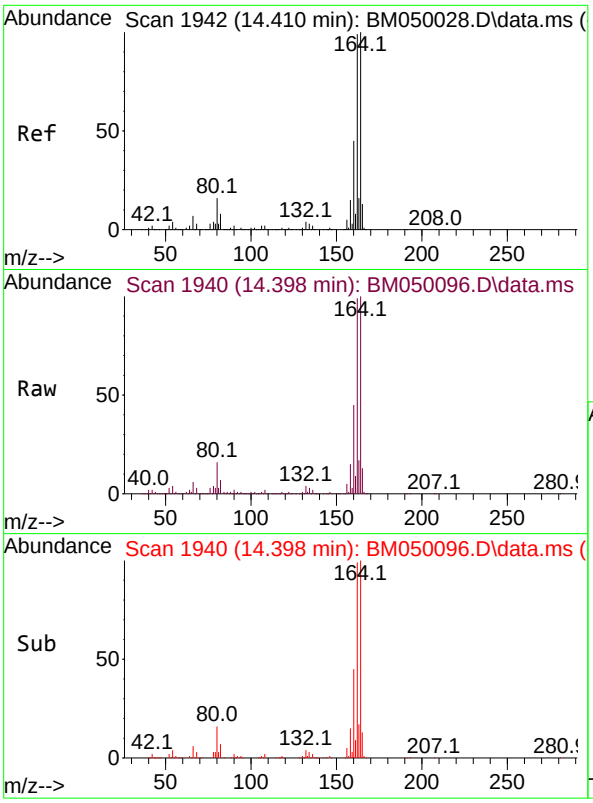


#38
1-Methylnaphthalene
Concen: 37.796 ng
RT: 12.427 min Scan# 1605
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:142 Resp: 1314594

Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.1	108.1
116	3.3	2.7	4.1



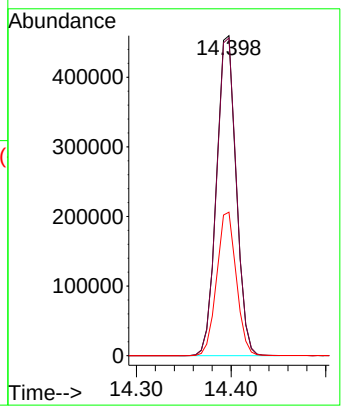


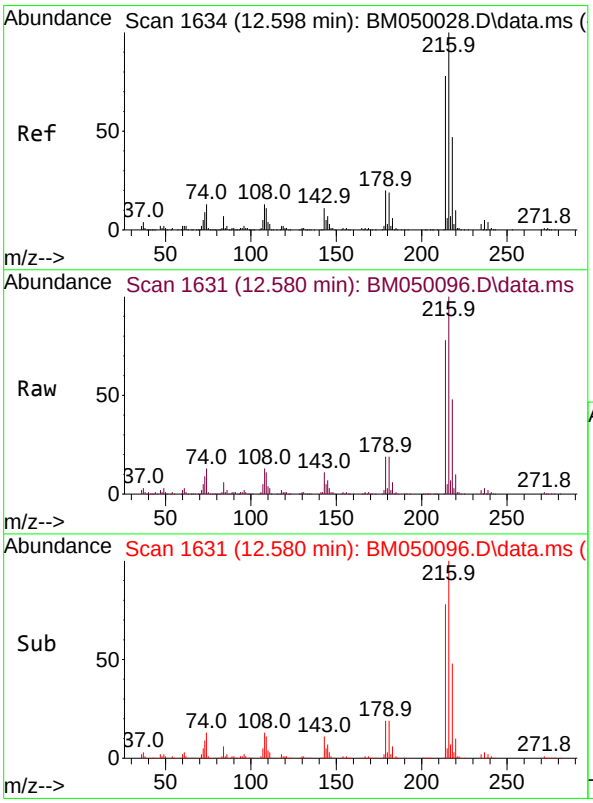
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 663376

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.4	119.0
160	44.9	36.2	54.4

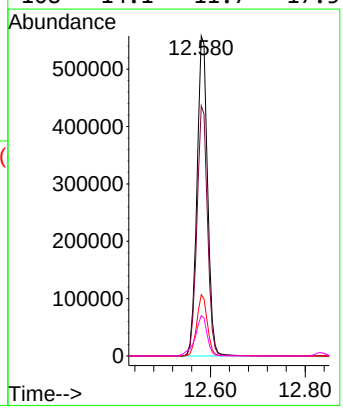


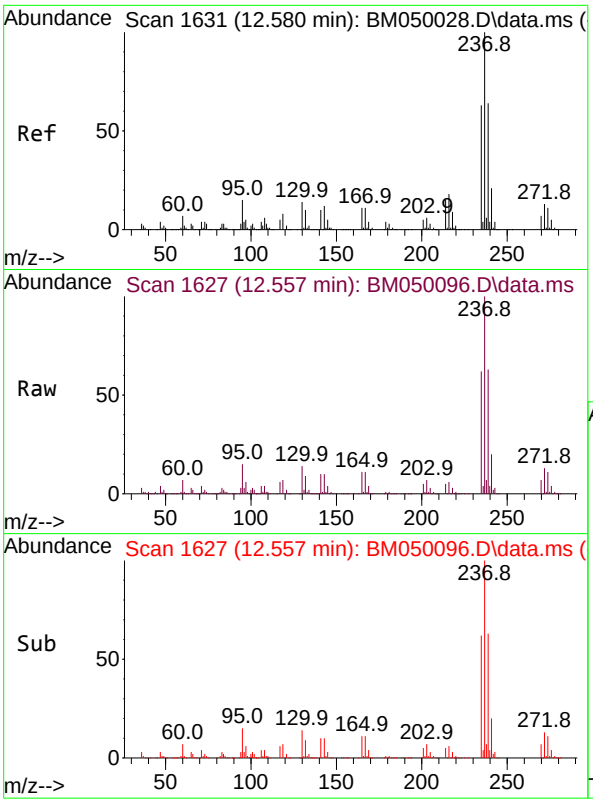


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.664 ng
RT: 12.580 min Scan# 1631
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:216 Resp: 864920

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.3	93.5
179	19.0	15.4	23.0
108	14.1	11.7	17.5



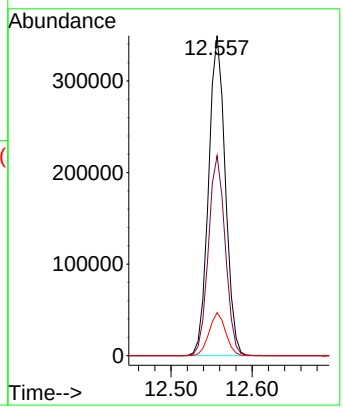


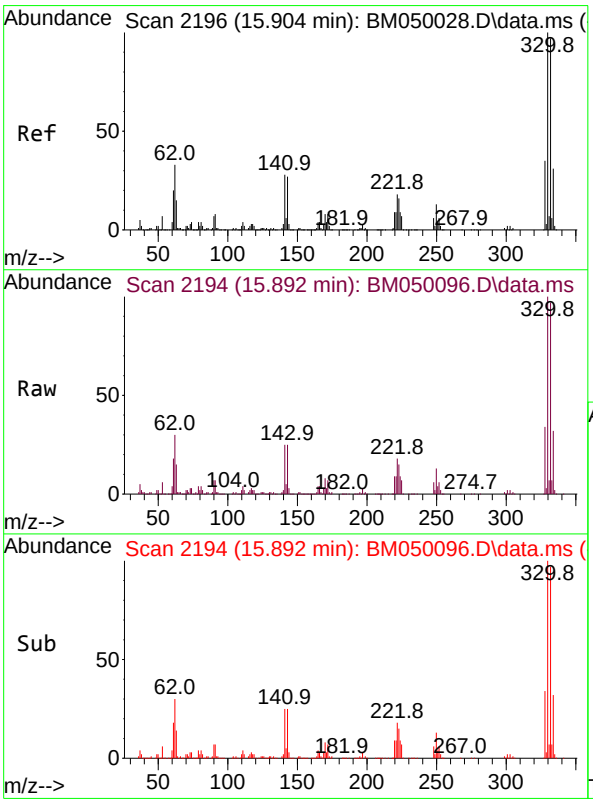
#41
Hexachlorocyclopentadiene
Concen: 35.546 ng
RT: 12.557 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 498851

Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.9	82.9
272	13.4	0.0	32.9

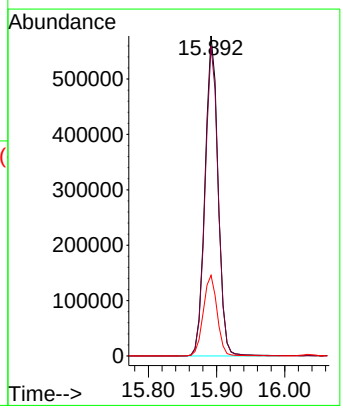


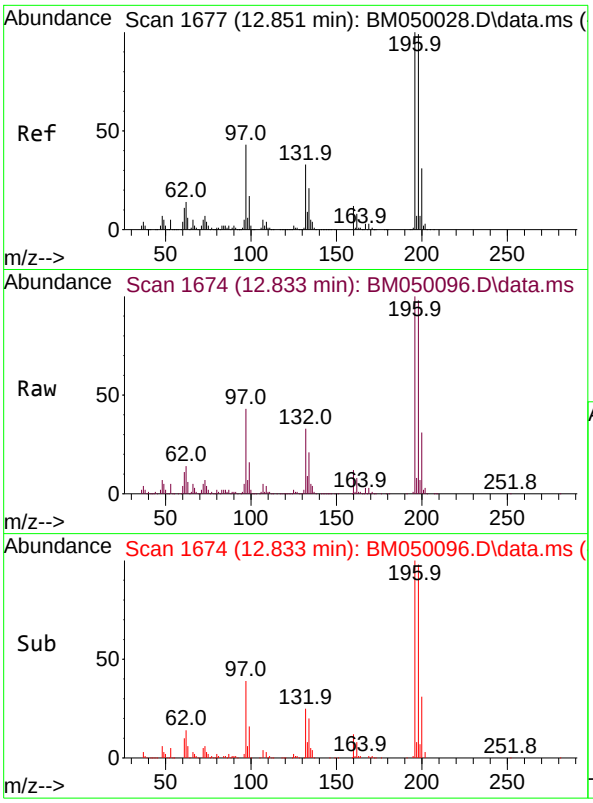


#42
2,4,6-Tribromophenol
Concen: 78.767 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:330 Resp: 772621

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	26.7	22.5	33.7



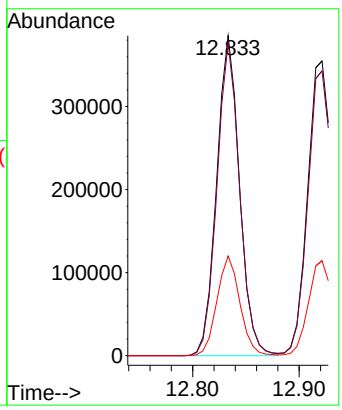


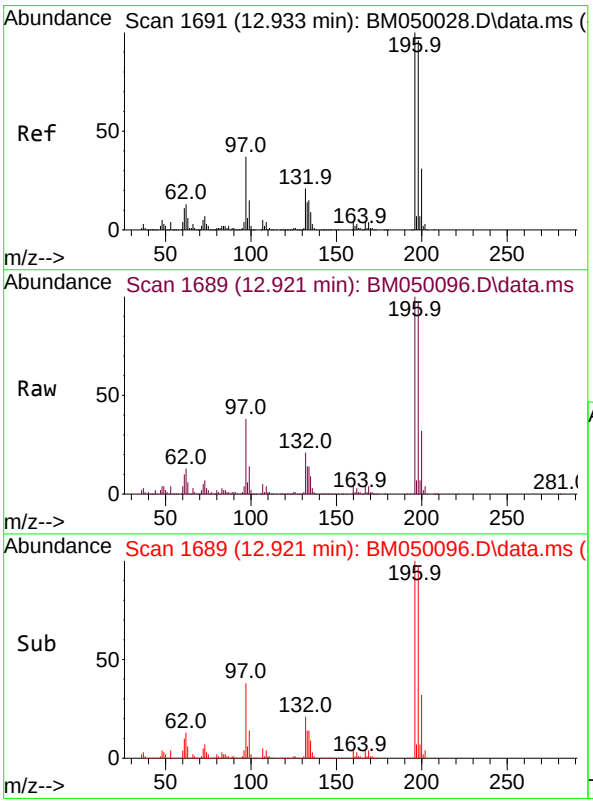
#43
2,4,6-Trichlorophenol
Concen: 39.402 ng
RT: 12.833 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 573909

Ion	Ratio	Lower	Upper
196	100		
198	97.7	79.0	118.6
200	31.2	25.1	37.7

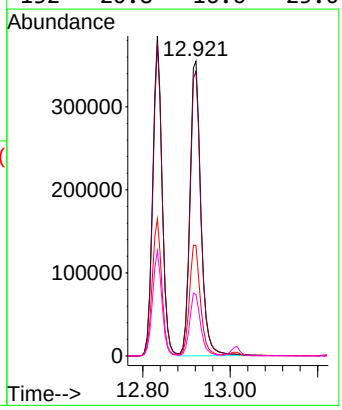


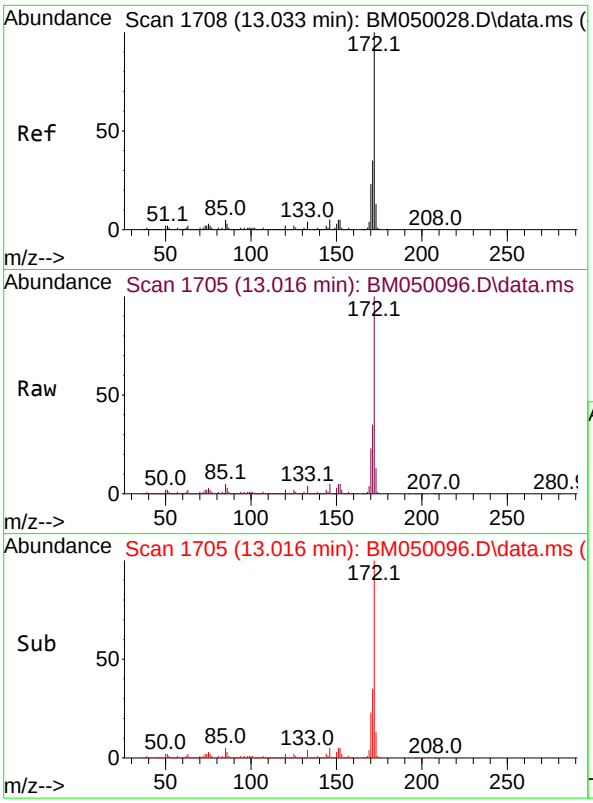


#44
2,4,5-Trichlorophenol
Concen: 39.588 ng
RT: 12.921 min Scan# 1689
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:196 Resp: 621796

Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.7	115.1
97	37.6	30.1	45.1
132	20.8	16.6	25.0



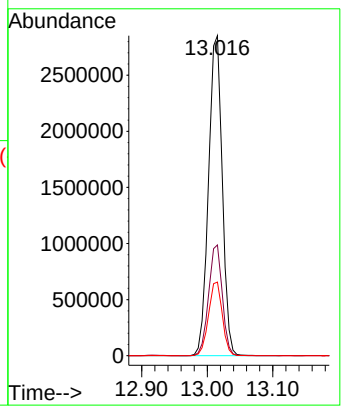


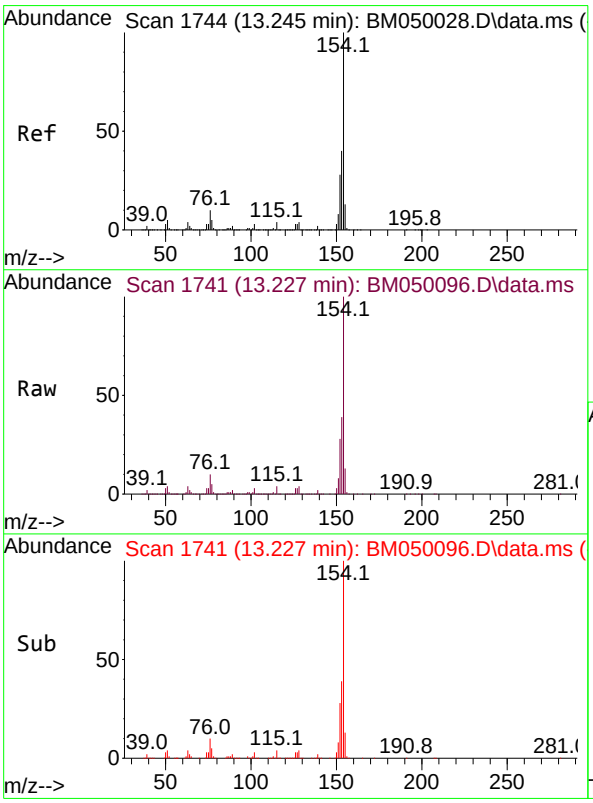
#45
2-Fluorobiphenyl
Concen: 74.166 ng
RT: 13.016 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 4158957

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.0	18.6	28.0

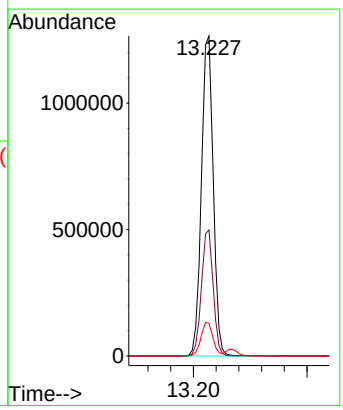


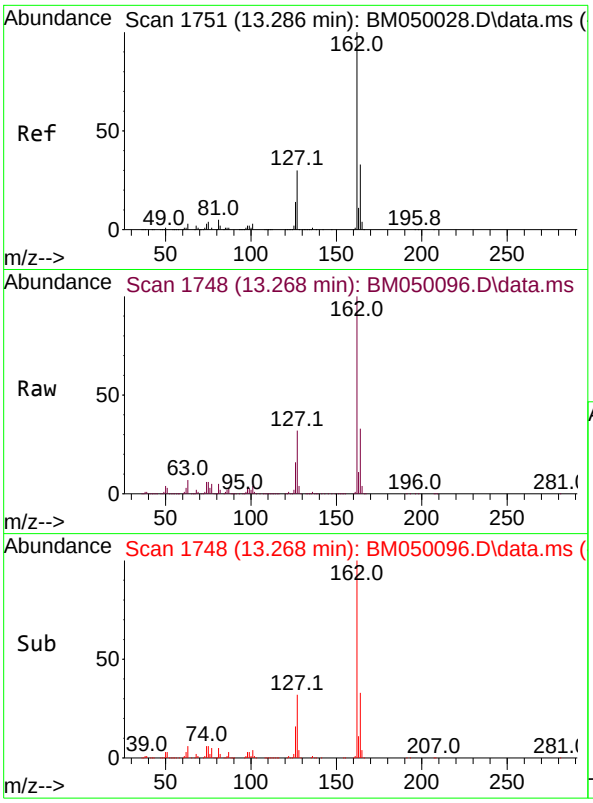


#46
1,1'-Biphenyl
Concen: 37.011 ng
RT: 13.227 min Scan# 1741
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:154 Resp: 1825108

Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.0	60.0
76	10.2	0.0	30.3



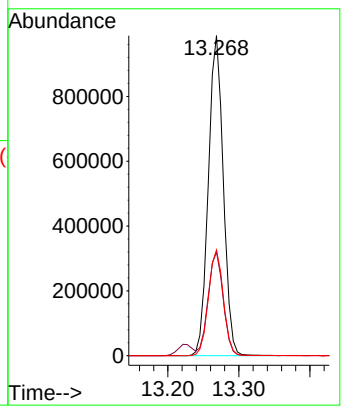


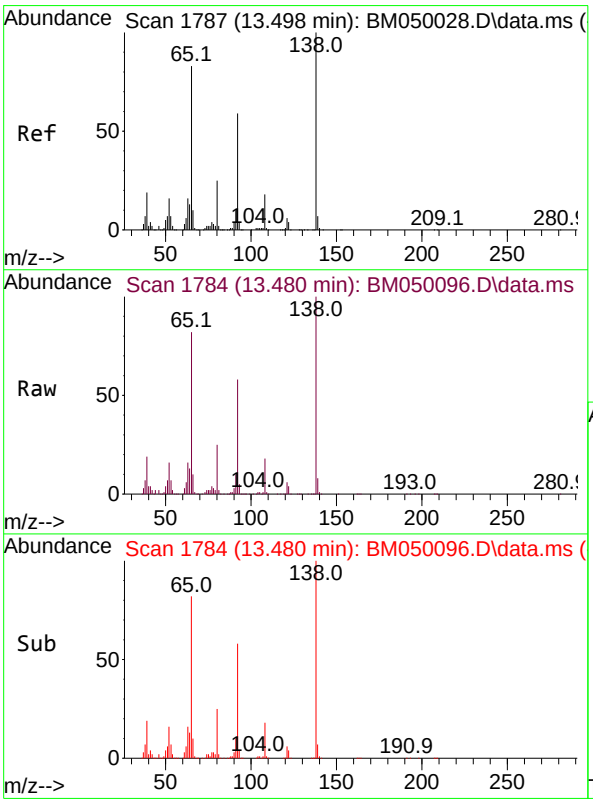
#47
2-Chloronaphthalene
Concen: 36.973 ng
RT: 13.268 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1443971

Ion	Ratio	Lower	Upper
162	100		
127	32.4	25.9	38.9
164	33.0	26.6	40.0

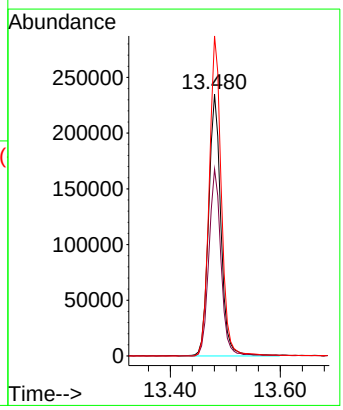


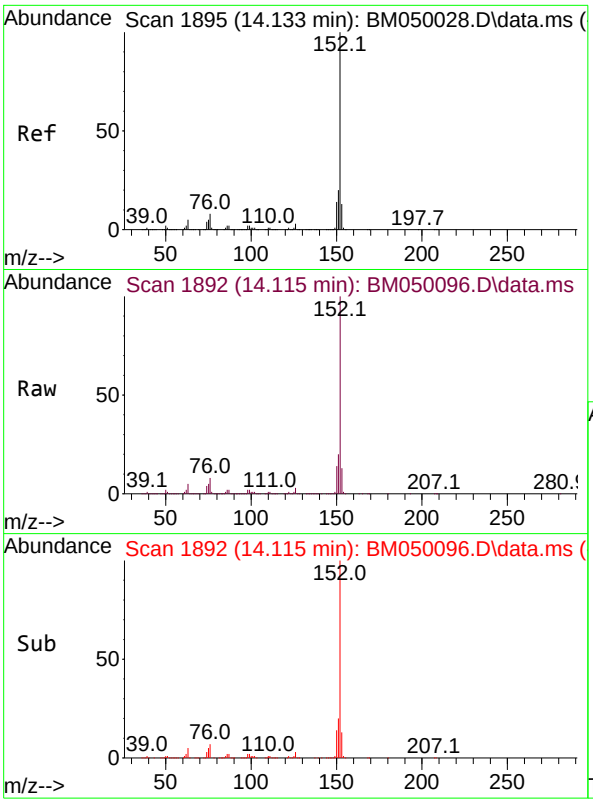


#48
2-Nitroaniline
Concen: 39.633 ng
RT: 13.480 min Scan# 1784
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion: 65 Resp: 363286

Ion	Ratio	Lower	Upper
65	100		
92	71.4	57.1	85.7
138	122.3	97.0	145.4



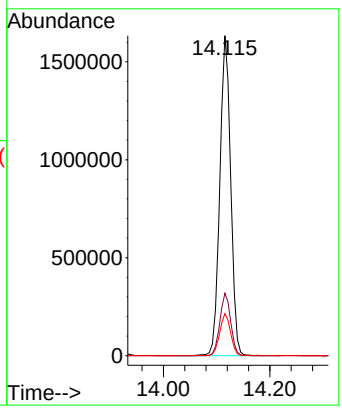


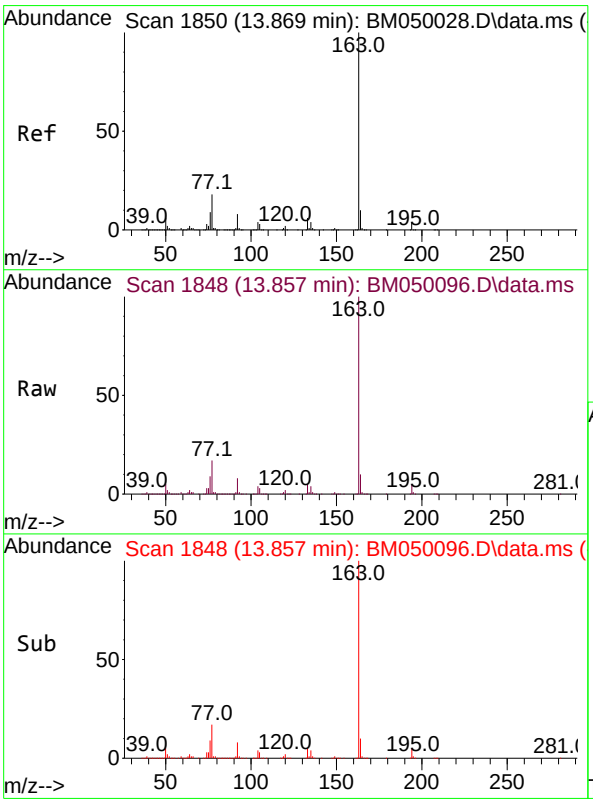
#49
Acenaphthylene
Concen: 37.514 ng
RT: 14.115 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 2310020

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.8
153	13.1	10.6	15.8

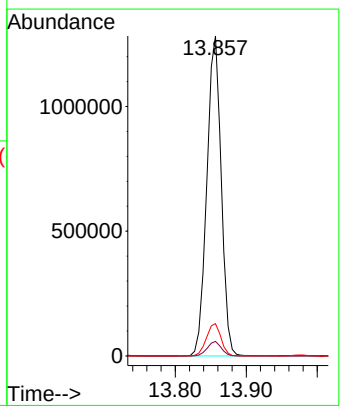


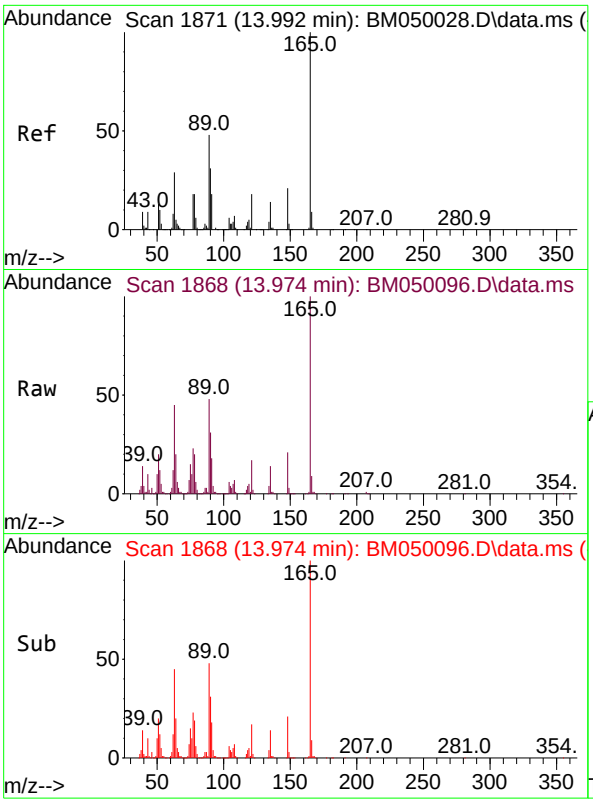


#50
Dimethylphthalate
Concen: 37.233 ng
RT: 13.857 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:163 Resp: 1805057

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.1	8.2	12.2



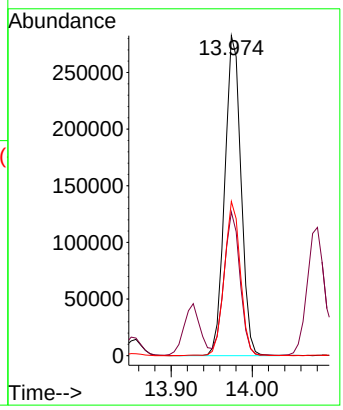


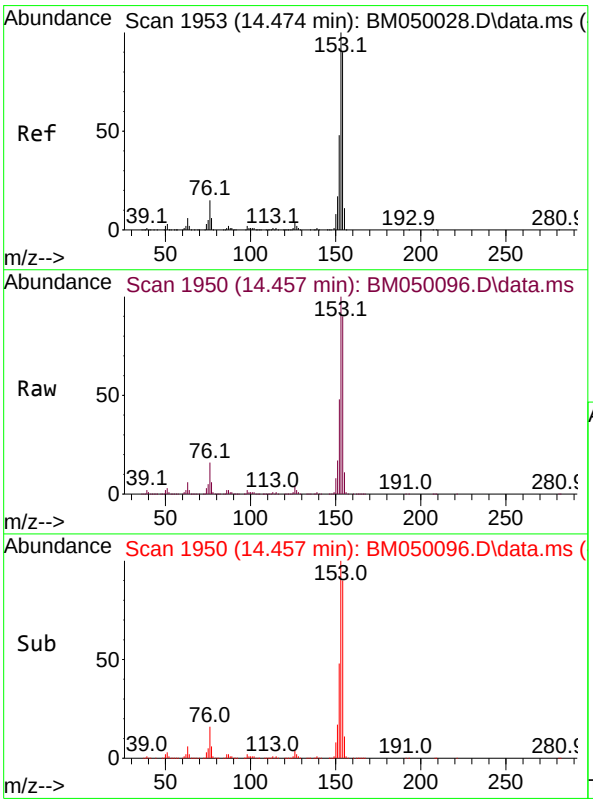
#51
2,6-Dinitrotoluene
Concen: 39.208 ng
RT: 13.974 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 393554

Ion	Ratio	Lower	Upper
165	100		
63	44.9	35.1	52.7
89	48.2	38.4	57.6

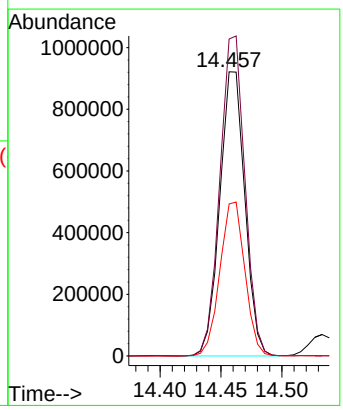


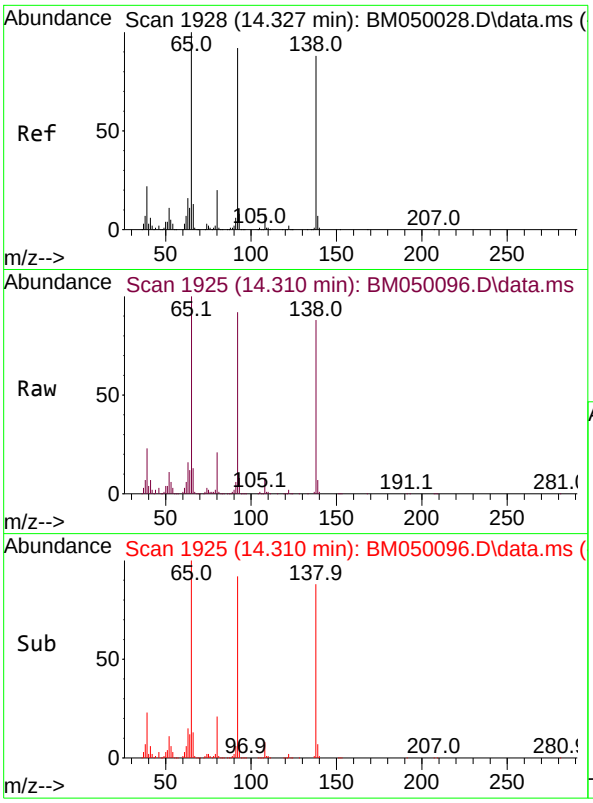


#52
Acenaphthene
Concen: 37.091 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:154 Resp: 1322056

Ion	Ratio	Lower	Upper
154	100		
153	111.6	89.0	133.4
152	53.5	43.0	64.6



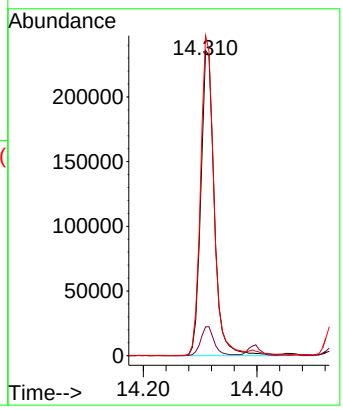


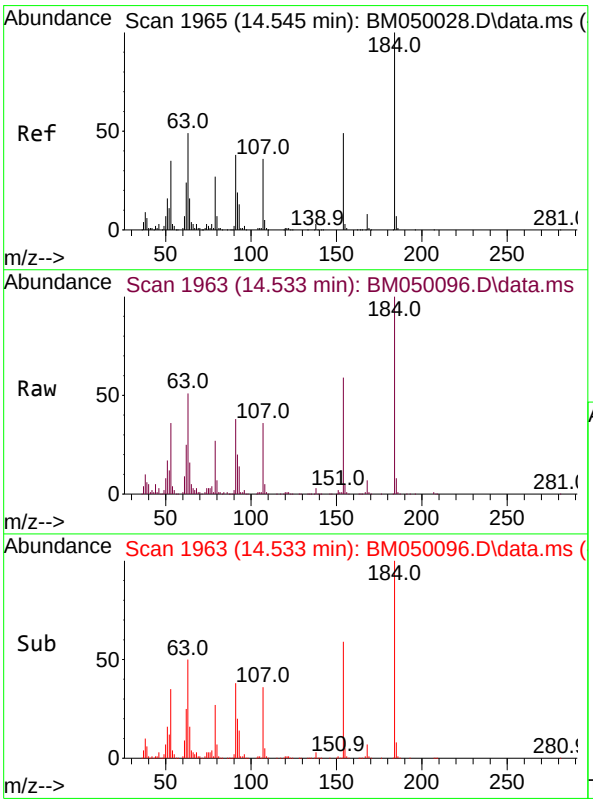
#53
3-Nitroaniline
Concen: 40.707 ng
RT: 14.310 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 390100

Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.4	11.2
92	104.9	84.0	126.0

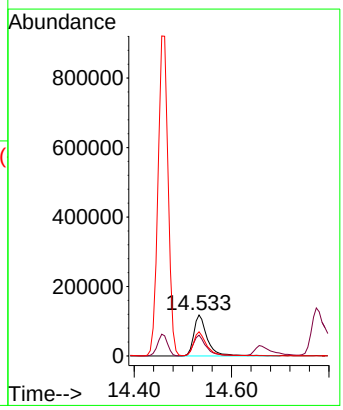


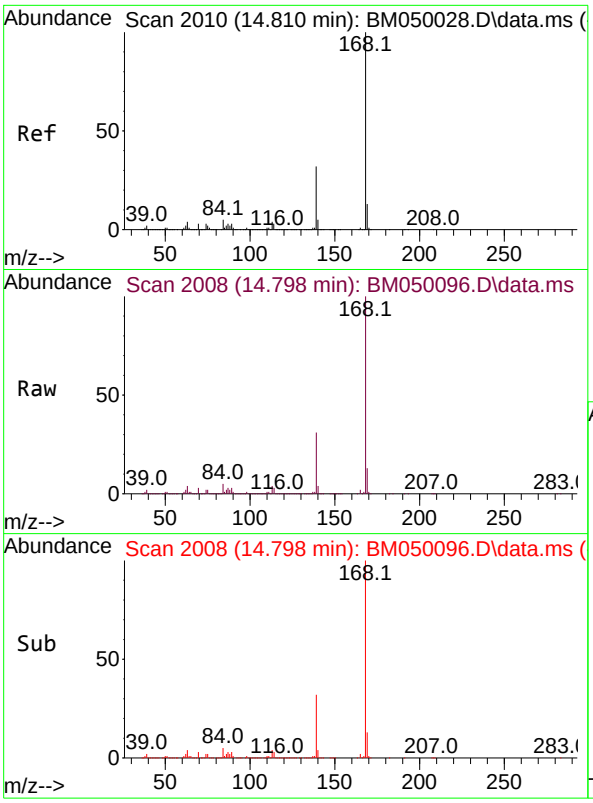


#54
2,4-Dinitrophenol
Concen: 38.565 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:184 Resp: 227150

Ion	Ratio	Lower	Upper
184	100		
63	50.5	39.8	59.6
154	59.1	46.1	69.1



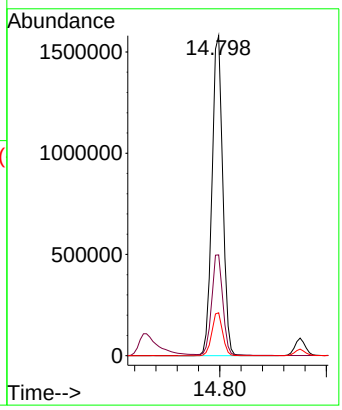


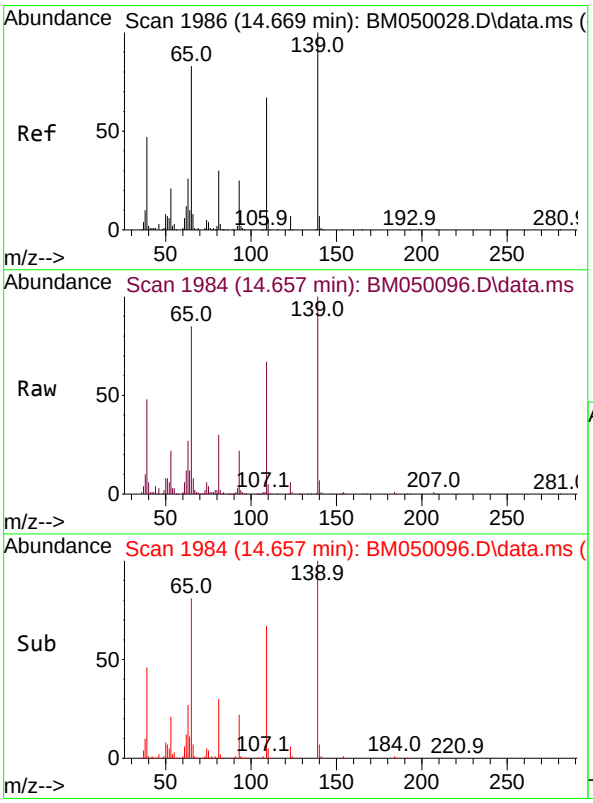
#55
Dibenzofuran
Concen: 37.408 ng
RT: 14.798 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 2218445

Ion	Ratio	Lower	Upper
168	100		
139	31.5	26.1	39.1
169	13.4	10.8	16.2

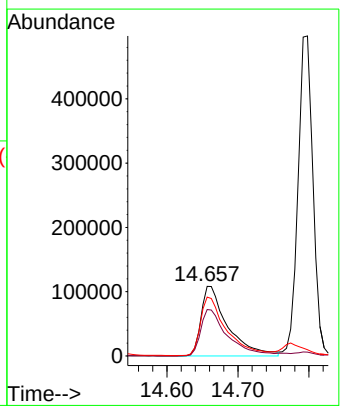


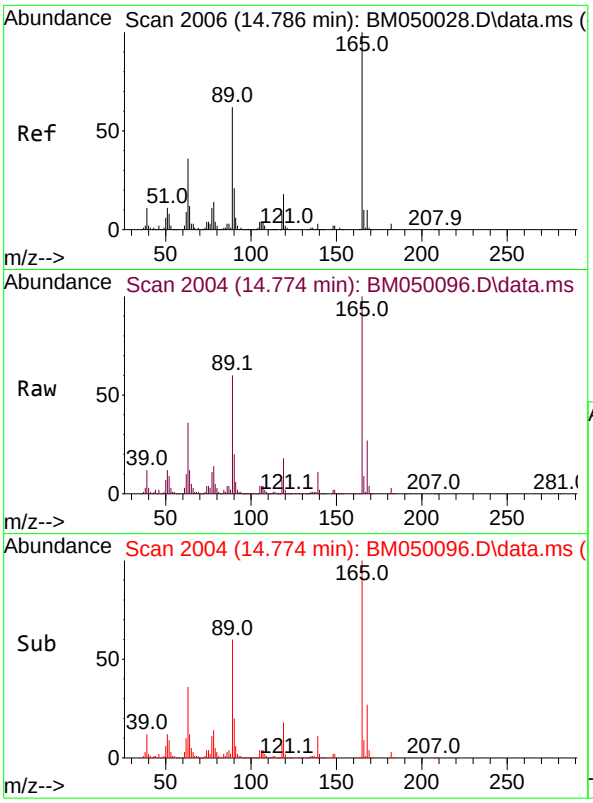


#56
4-Nitrophenol
Concen: 38.524 ng
RT: 14.657 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:139 Resp: 280919

Ion	Ratio	Lower	Upper
139	100		
109	66.6	47.0	87.0
65	84.6	64.3	104.3



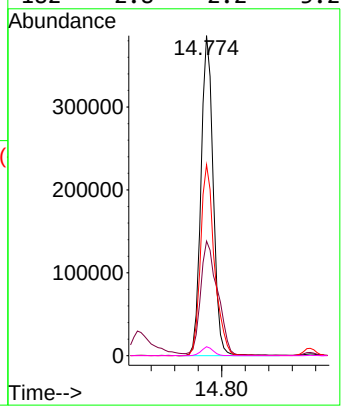


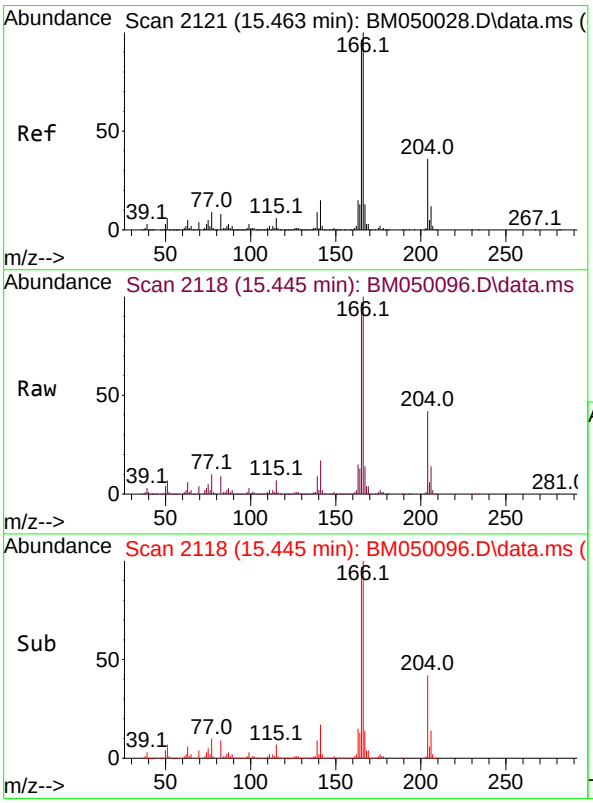
#57
2,4-Dinitrotoluene
Concen: 39.934 ng
RT: 14.774 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 553885

Ion	Ratio	Lower	Upper
165	100		
63	35.8	29.0	43.6
89	59.7	49.4	74.2
182	2.8	2.2	3.2

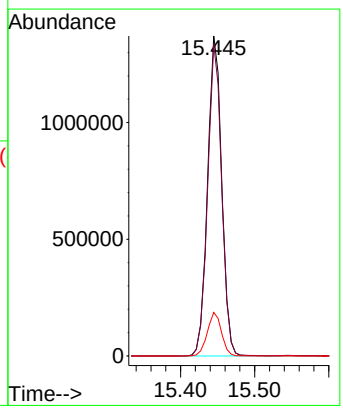


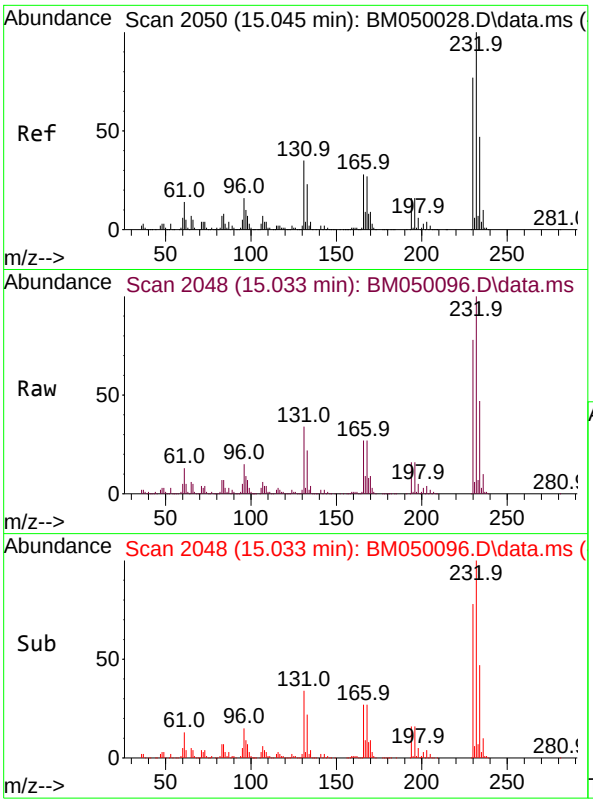


#58
Fluorene
Concen: 37.511 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:166 Resp: 1820845

Ion	Ratio	Lower	Upper
166	100		
165	97.4	76.6	115.0
167	13.6	10.6	16.0



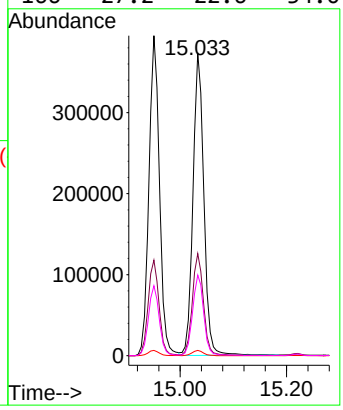


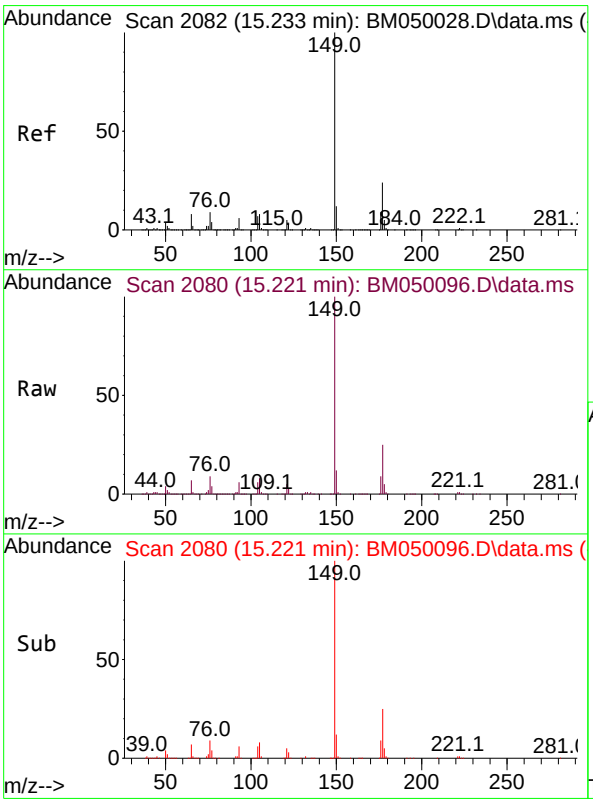
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.984 ng
RT: 15.033 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 530016

Ion	Ratio	Lower	Upper
232	100		
131	34.4	28.2	42.4
130	1.8	1.5	2.3
166	27.2	22.6	34.0

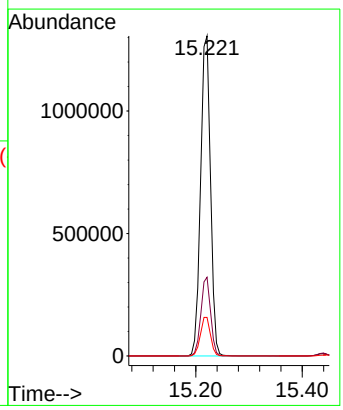


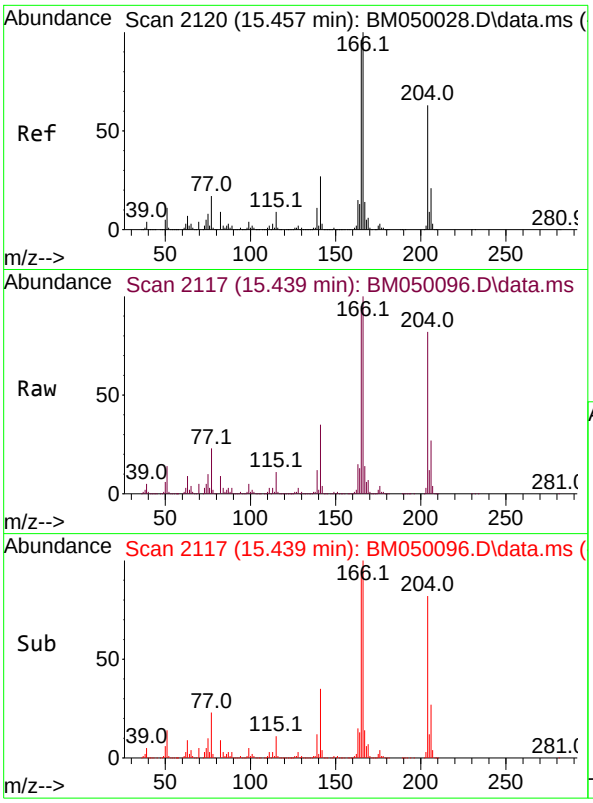


#60
Diethylphthalate
Concen: 36.893 ng
RT: 15.221 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:149 Resp: 1685311

Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.1	28.7
150	12.0	9.6	14.4



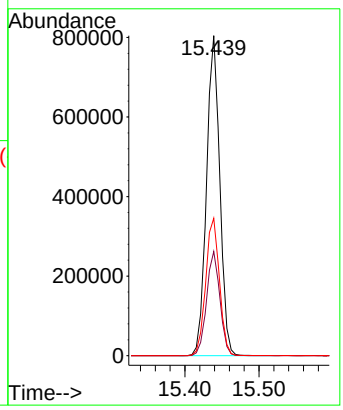


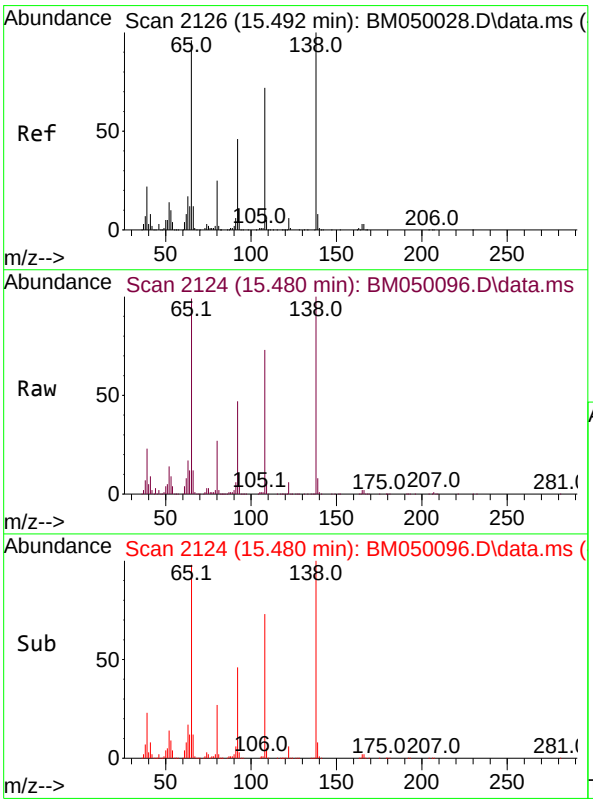
#61
4-Chlorophenyl-phenylether
Concen: 37.488 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 999499

Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.3	39.5
141	43.0	34.0	51.0

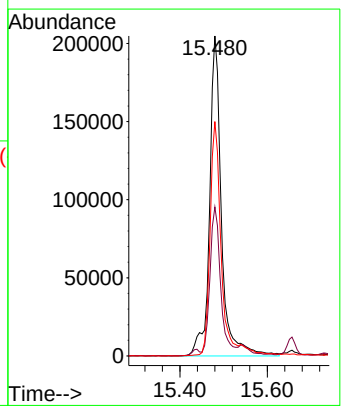


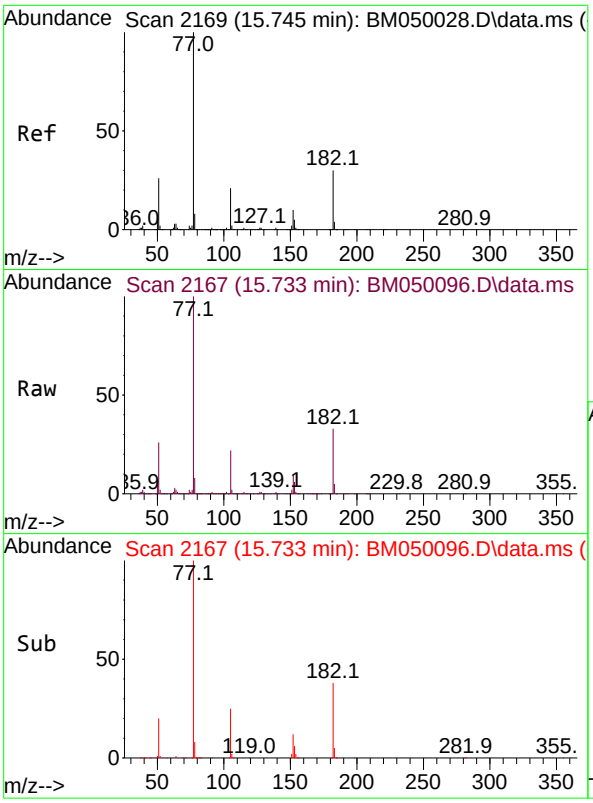


#62
4-Nitroaniline
Concen: 42.051 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:138 Resp: 388801

Ion	Ratio	Lower	Upper
138	100		
92	46.5	25.9	65.9
108	73.3	52.4	92.4



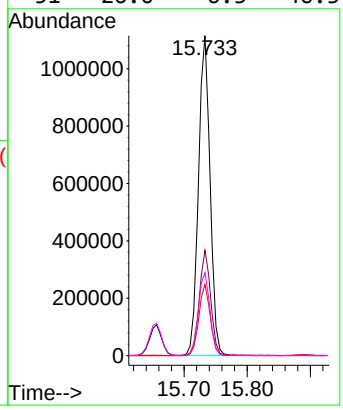


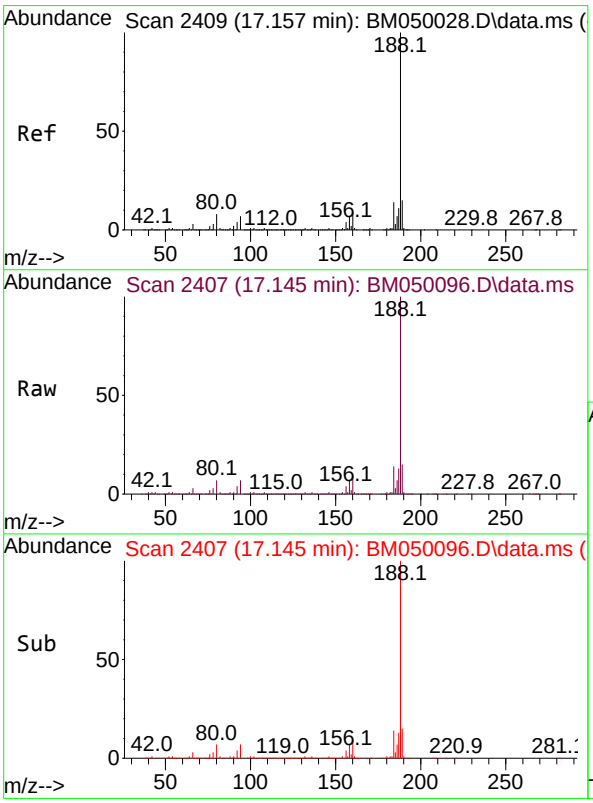
#63
Azobenzene
Concen: 37.117 ng
RT: 15.733 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1421023

Ion	Ratio	Lower	Upper
77	100		
182	32.9	10.5	50.5
105	22.2	1.1	41.1
51	26.0	6.3	46.3

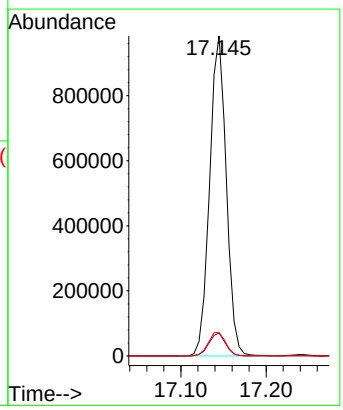


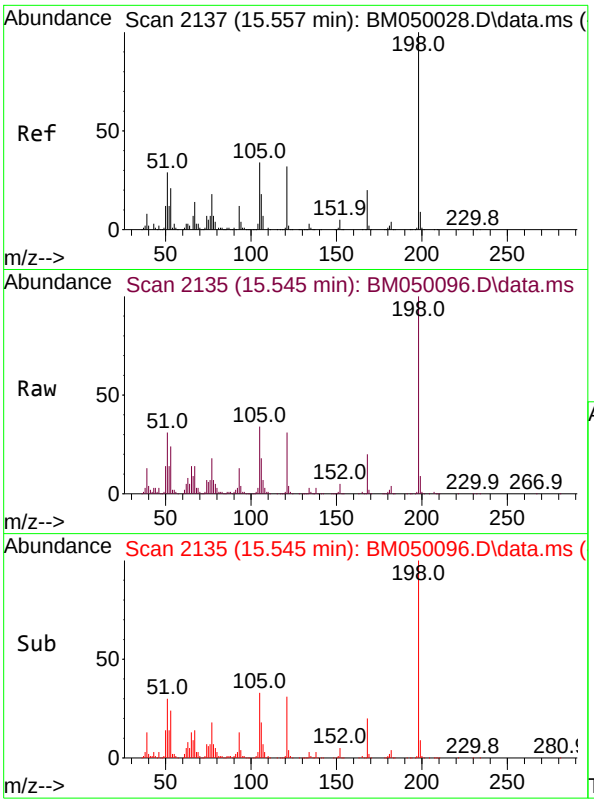


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:188 Resp: 1334825

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.7	8.5
80	7.3	6.2	9.4



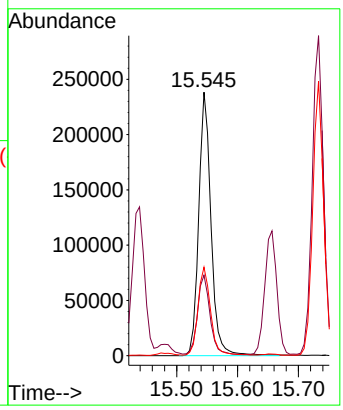


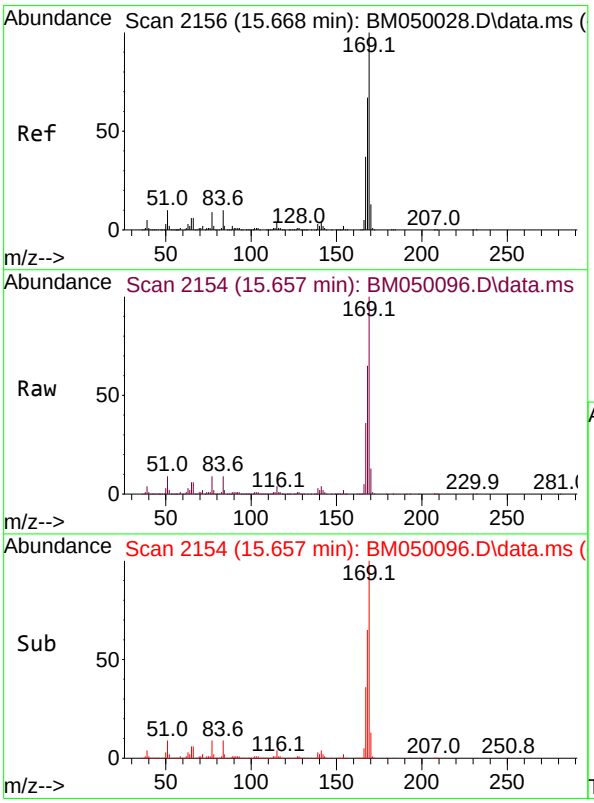
#65
4,6-Dinitro-2-methylphenol
Concen: 39.962 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 333899

Ion	Ratio	Lower	Upper
198	100		
51	30.6	10.4	50.4
105	33.6	14.6	54.6

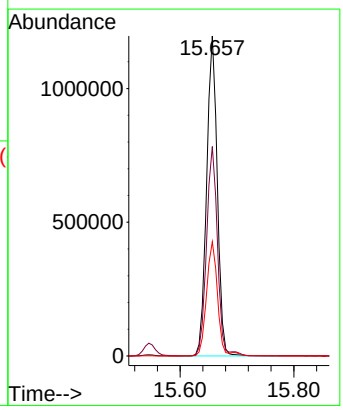


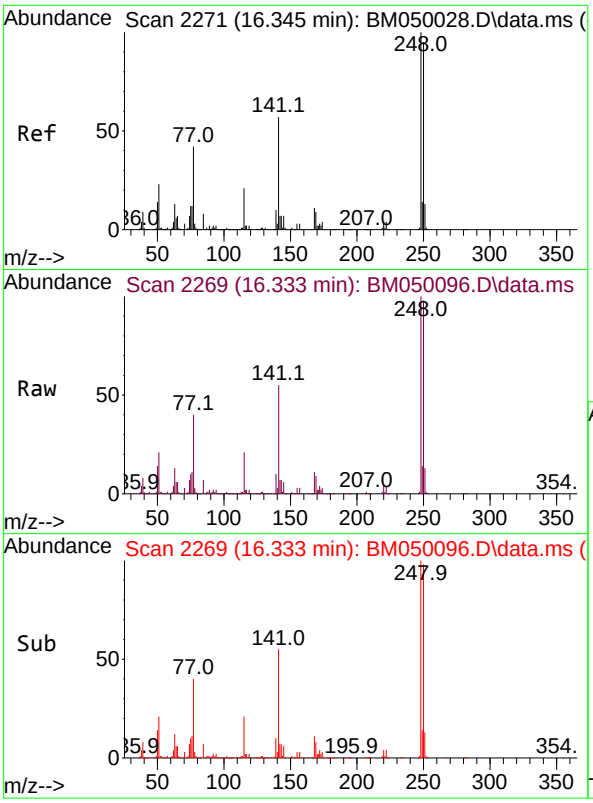


#66
n-Nitrosodiphenylamine
Concen: 37.777 ng
RT: 15.657 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:169 Resp: 1548448

Ion	Ratio	Lower	Upper
169	100		
168	65.4	53.4	80.2
167	35.7	29.4	44.0



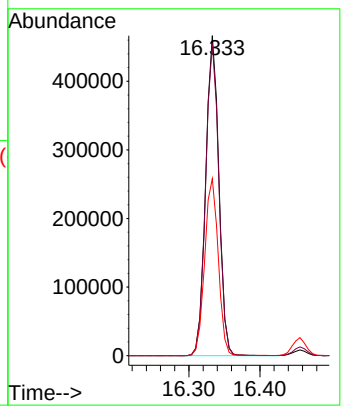


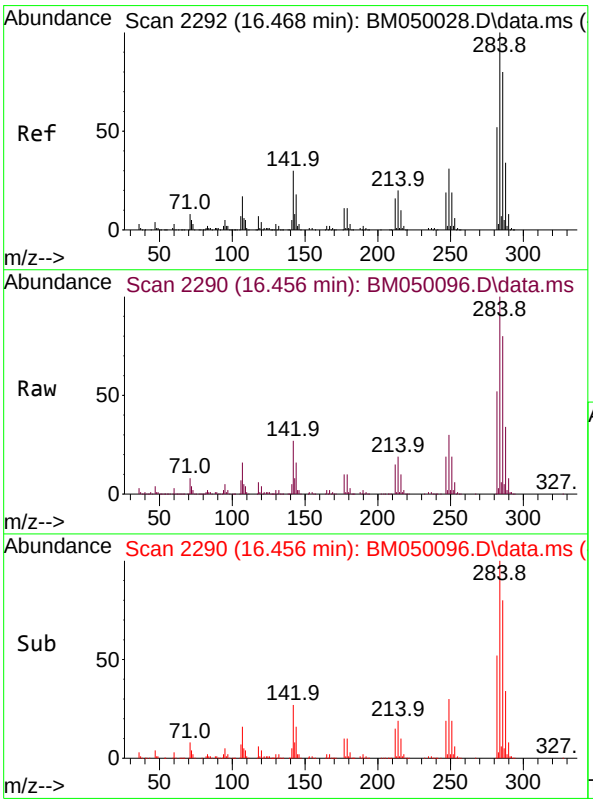
#67
4-Bromophenyl-phenylether
Concen: 37.394 ng
RT: 16.333 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 603599

Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.2	114.2
141	55.3	45.9	68.9

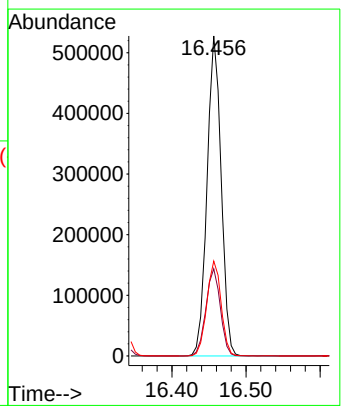


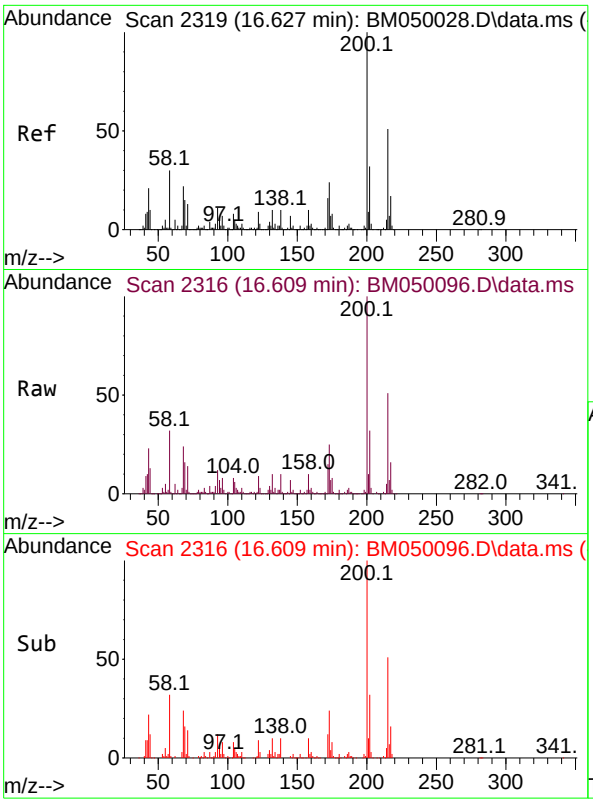


#68
Hexachlorobenzene
Concen: 37.471 ng
RT: 16.456 min Scan# 2290
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:284 Resp: 697206

Ion	Ratio	Lower	Upper
284	100		
142	27.3	23.9	35.9
249	29.7	24.5	36.7



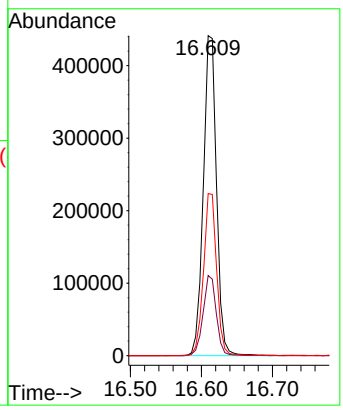


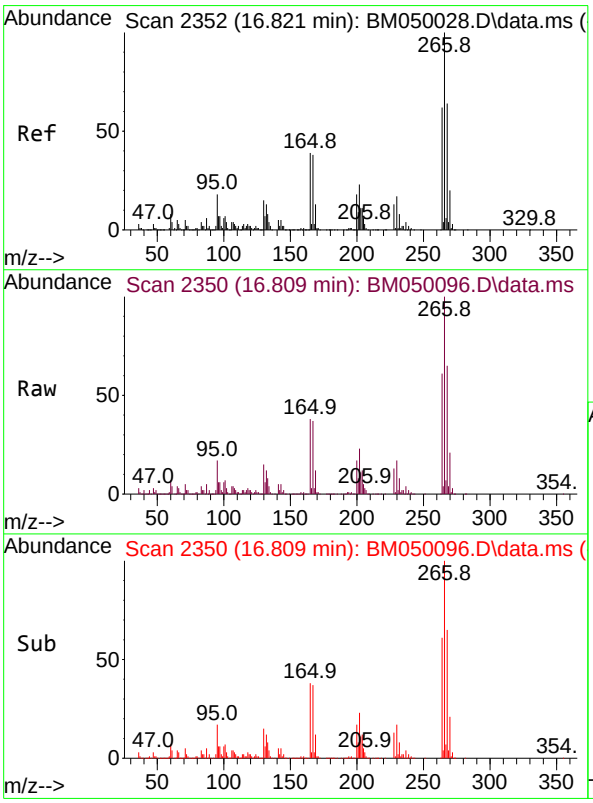
#69
Atrazine
Concen: 38.676 ng
RT: 16.609 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 571836

Ion	Ratio	Lower	Upper
200	100		
173	25.1	4.3	44.3
215	50.7	30.6	70.6

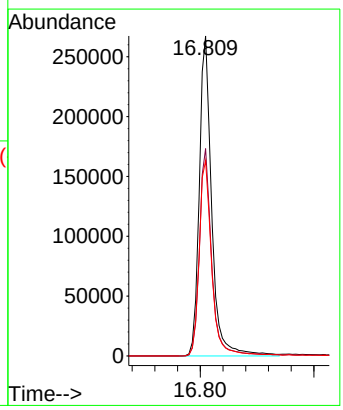


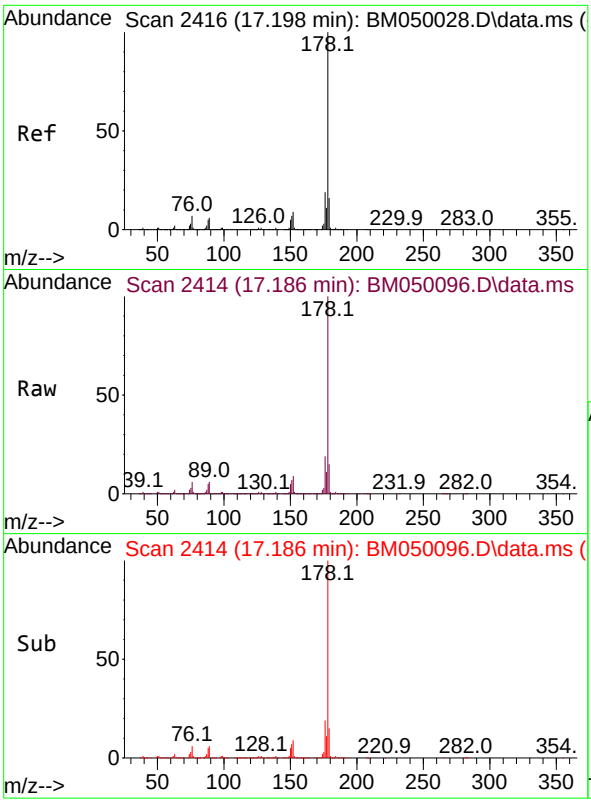


#70
Pentachlorophenol
Concen: 38.816 ng
RT: 16.809 min Scan# 2350
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:266 Resp: 406540

Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.2	76.8
264	61.0	49.6	74.4



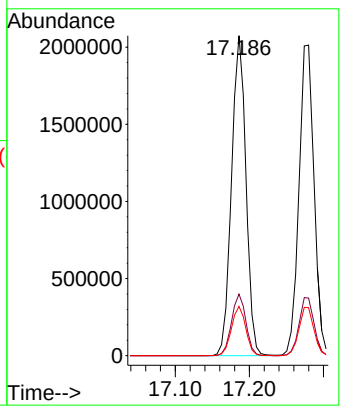


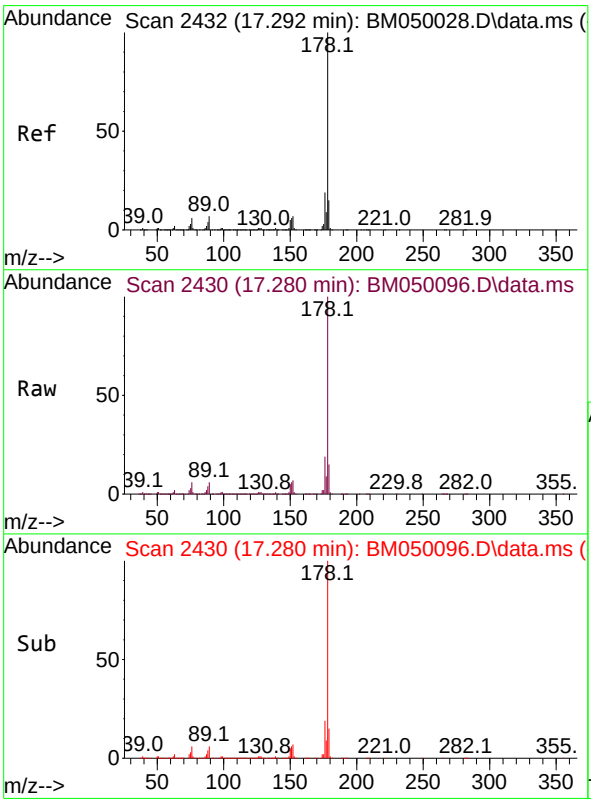
#71
Phenanthrene
Concen: 37.219 ng
RT: 17.186 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 2802096

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.4	12.4	18.6

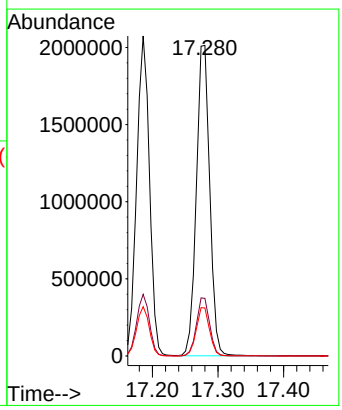


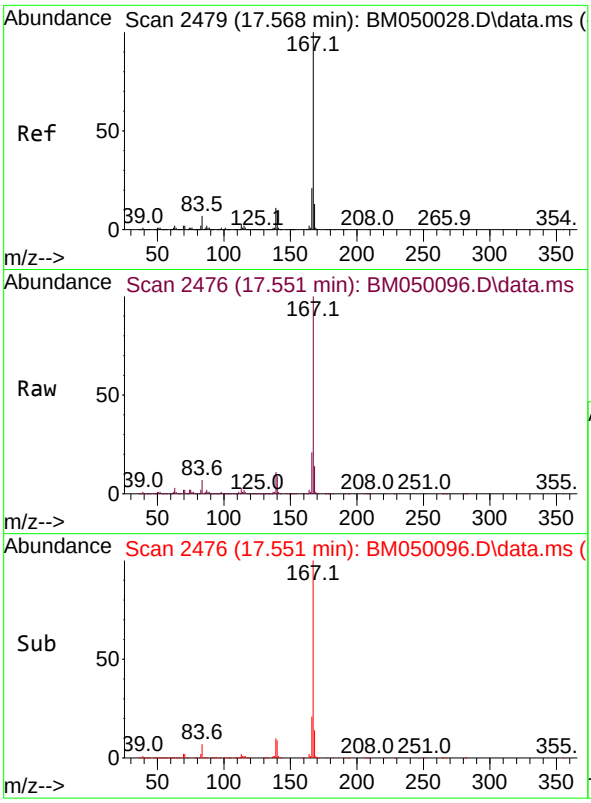


#72
Anthracene
Concen: 37.595 ng
RT: 17.280 min Scan# 2430
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:178 Resp: 2864342

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.5	12.2	18.4



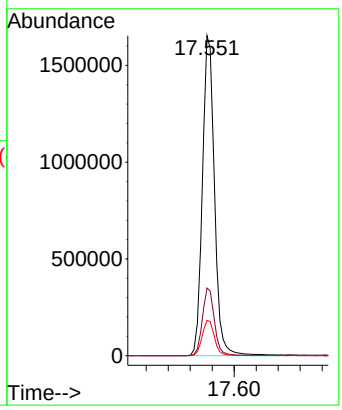


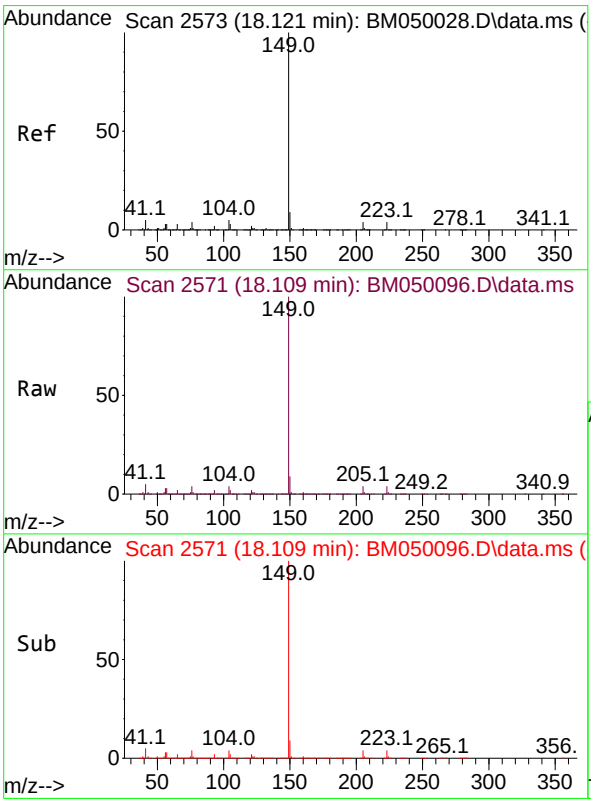
#73
Carbazole
Concen: 38.159 ng
RT: 17.551 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 2522772

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	11.1	9.0	13.6

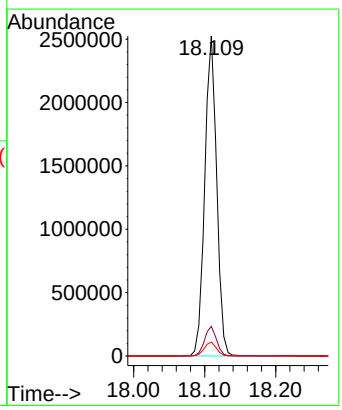


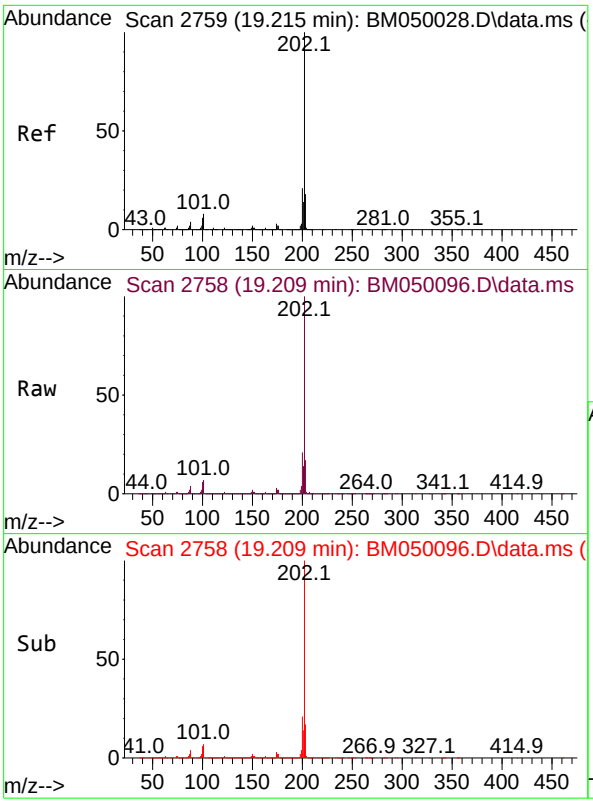


#74
Di-n-butylphthalate
Concen: 37.453 ng
RT: 18.109 min Scan# 2571
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:149 Resp: 2948729

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.4	3.8	5.6



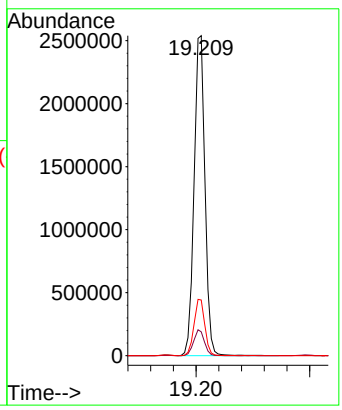


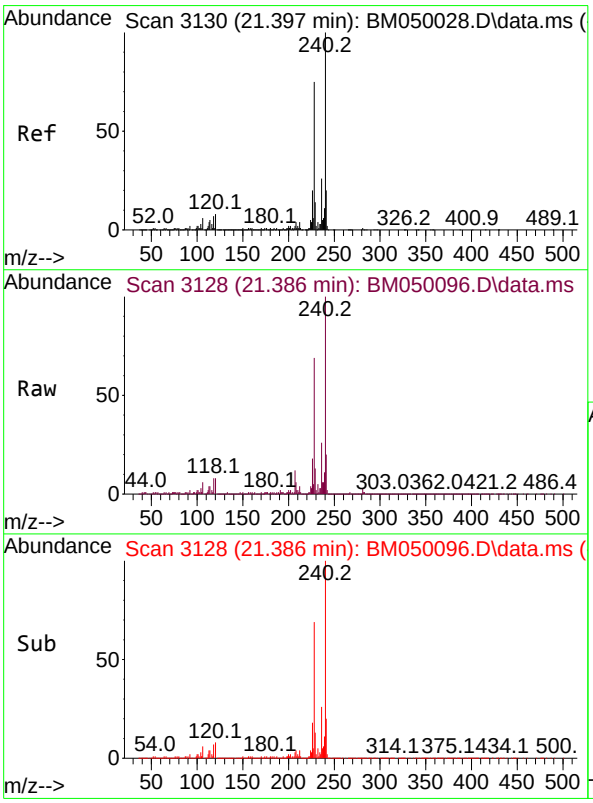
#75
Fluoranthene
Concen: 38.339 ng
RT: 19.209 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 3388771

Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	28.0
203	17.4	0.0	37.7

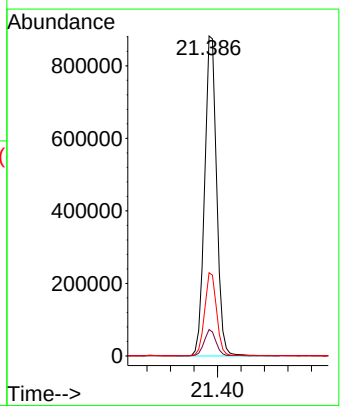


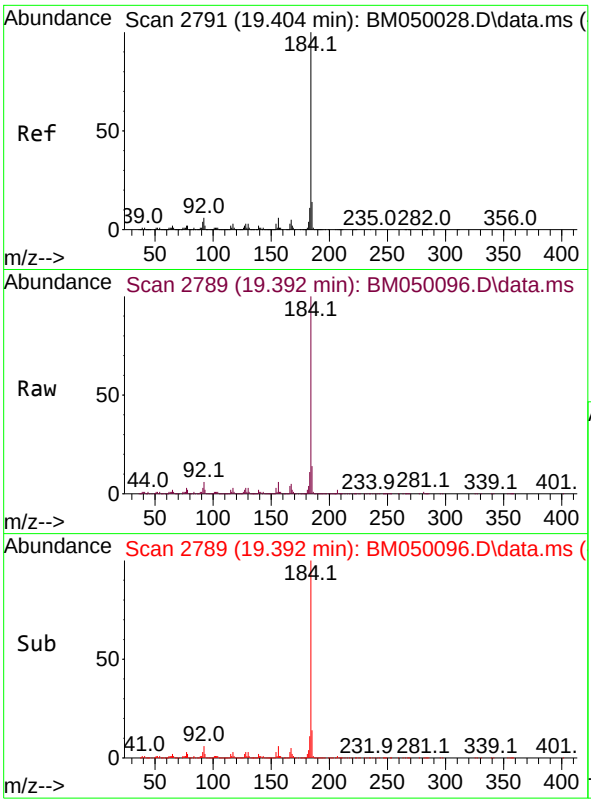


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:240 Resp: 1249729

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.5	9.7
236	26.0	20.9	31.3



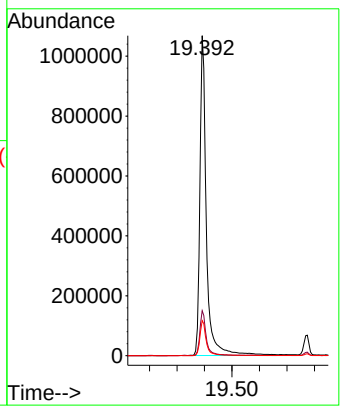


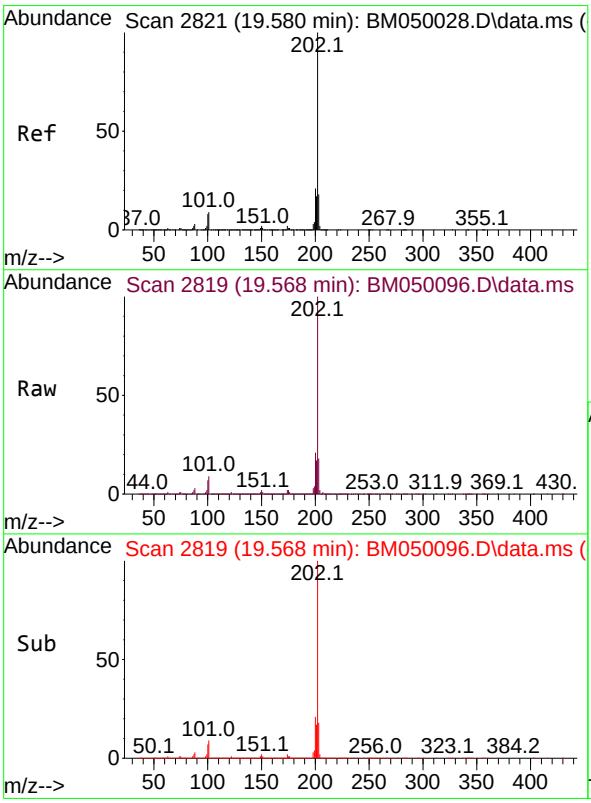
#77
Benzidine
Concen: 39.848 ng
RT: 19.392 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 1768881

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.5	17.3
183	11.0	8.9	13.3

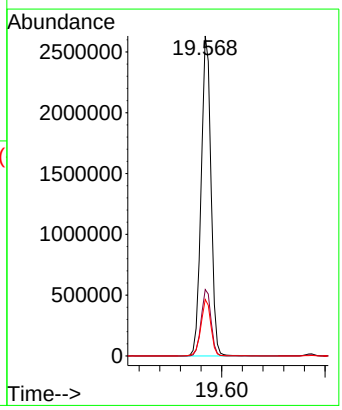


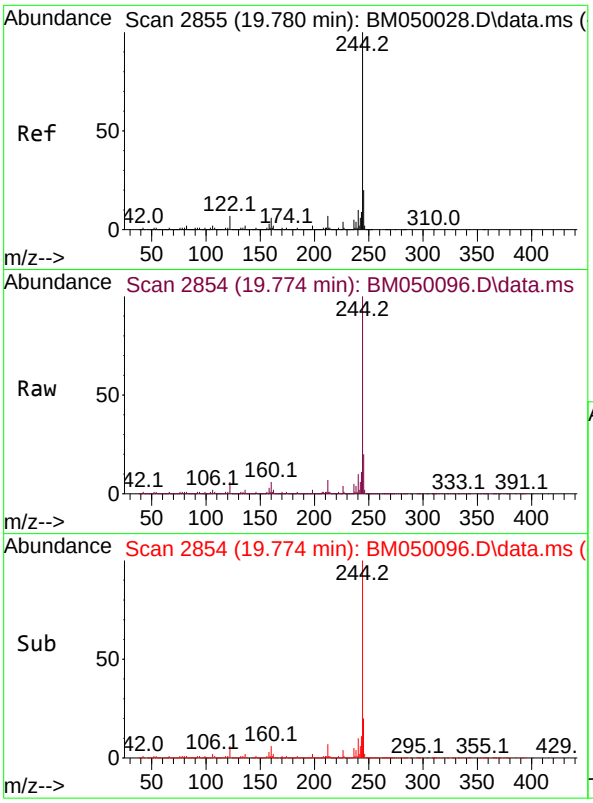


#78
Pyrene
Concen: 39.422 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:202 Resp: 3459686

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.7	14.1	21.1



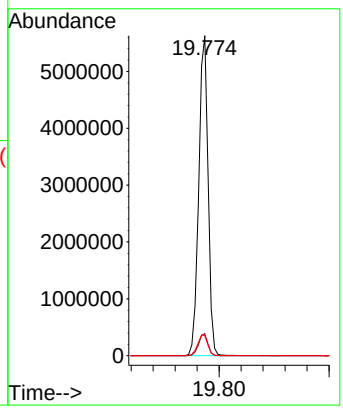


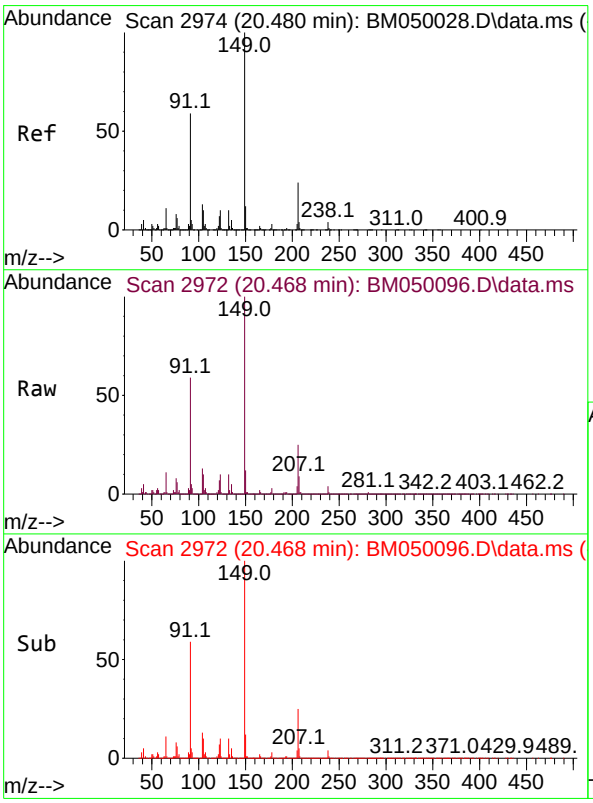
#79
Terphenyl-d14
Concen: 78.622 ng
RT: 19.774 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 6640114

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	6.2	5.6	8.4

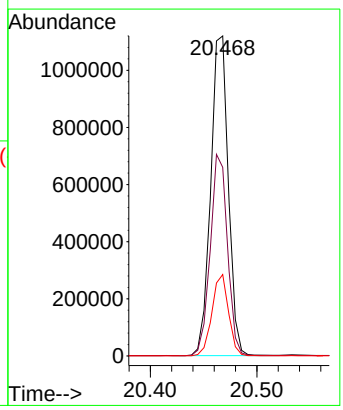


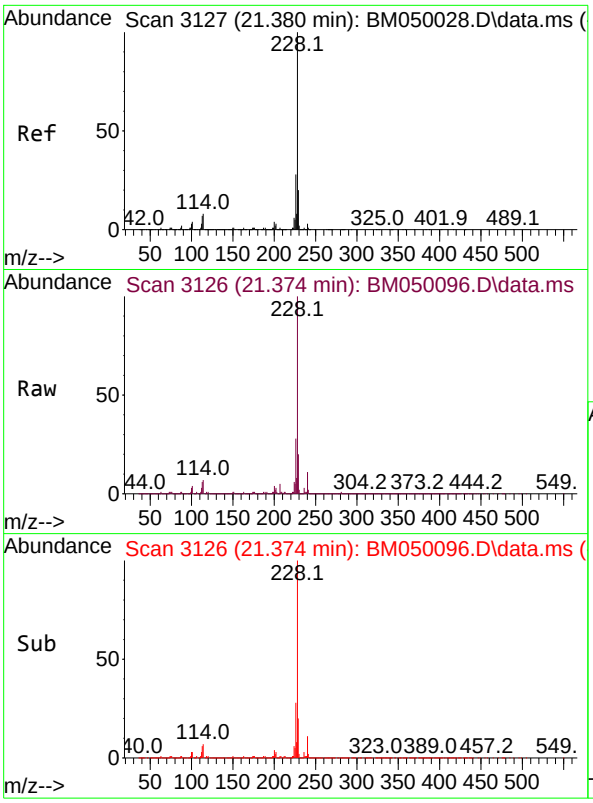


#80
Butylbenzylphthalate
Concen: 39.083 ng
RT: 20.468 min Scan# 2972
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:149 Resp: 1284636

Ion	Ratio	Lower	Upper
149	100		
91	59.0	47.4	71.2
206	25.4	19.4	29.0



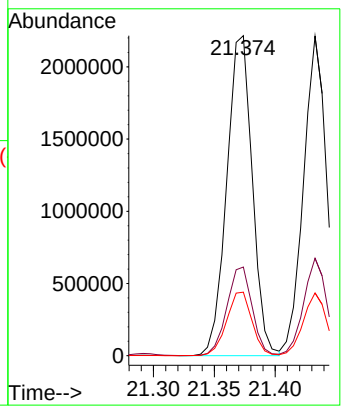


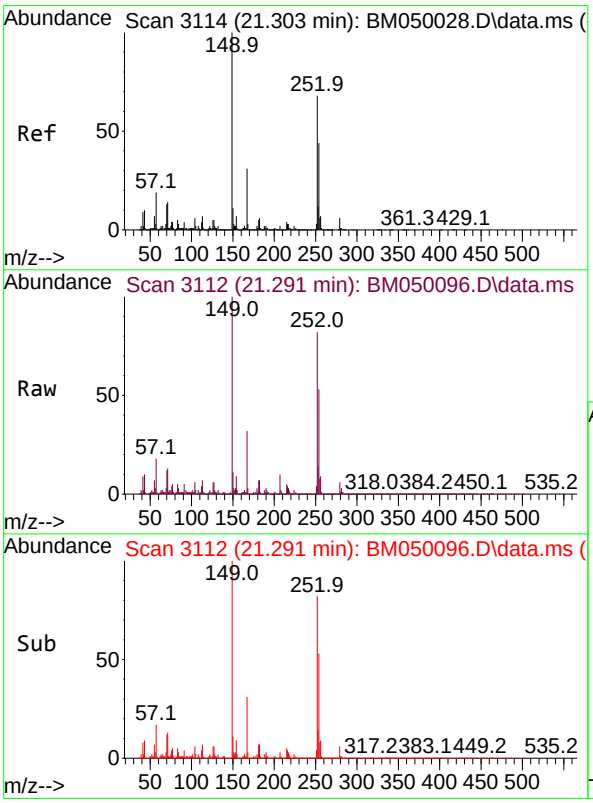
#81
Benzo(a)anthracene
Concen: 37.585 ng
RT: 21.374 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 3234550

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	19.8	15.7	23.5

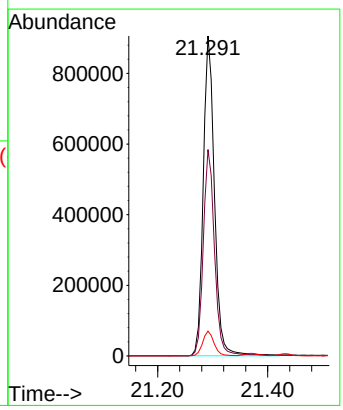


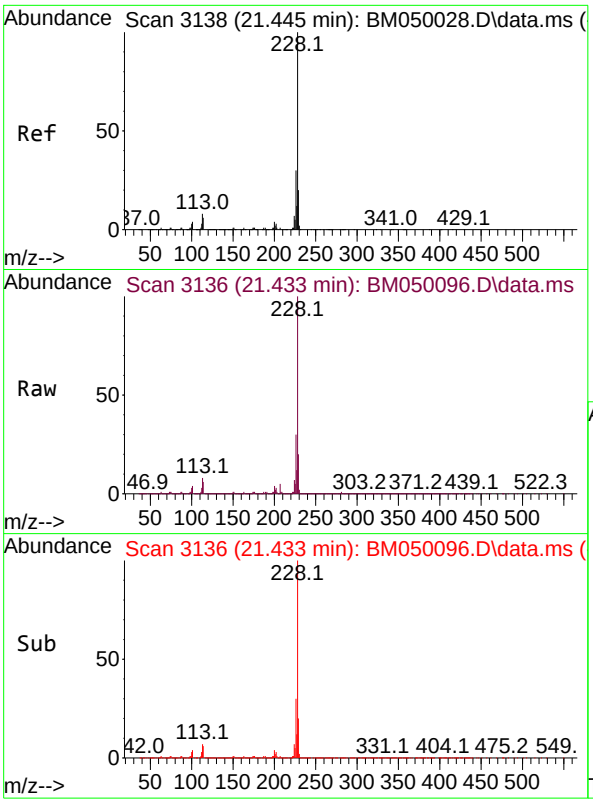


#82
3,3'-Dichlorobenzidine
Concen: 38.964 ng
RT: 21.291 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:252 Resp: 1283648

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.8	77.6
126	7.7	6.0	9.0



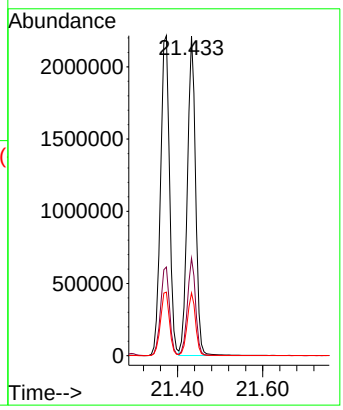


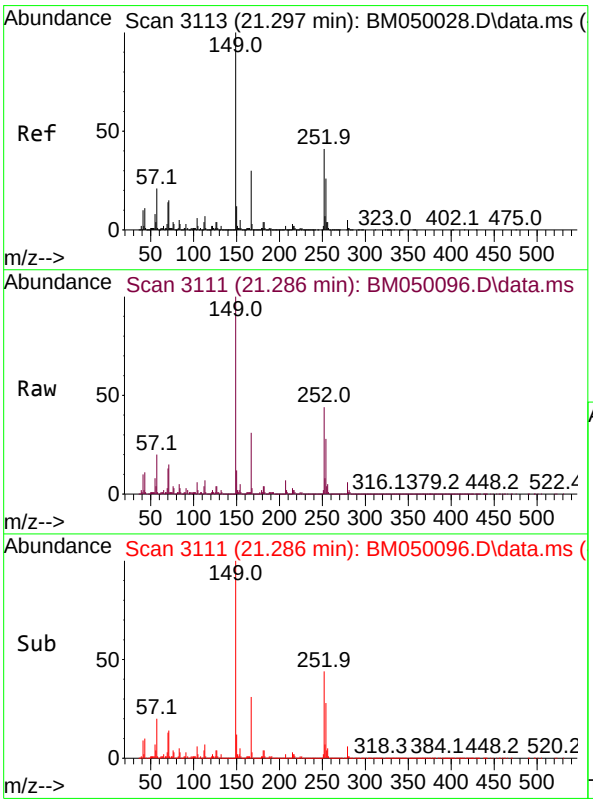
#83
Chrysene
Concen: 37.189 ng
RT: 21.433 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 2962136

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	19.6	15.7	23.5

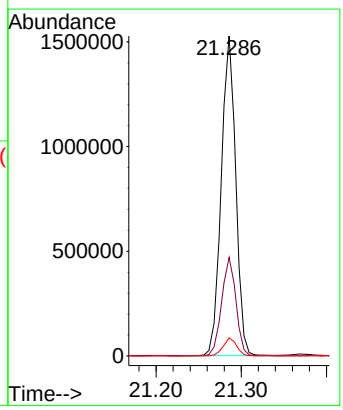


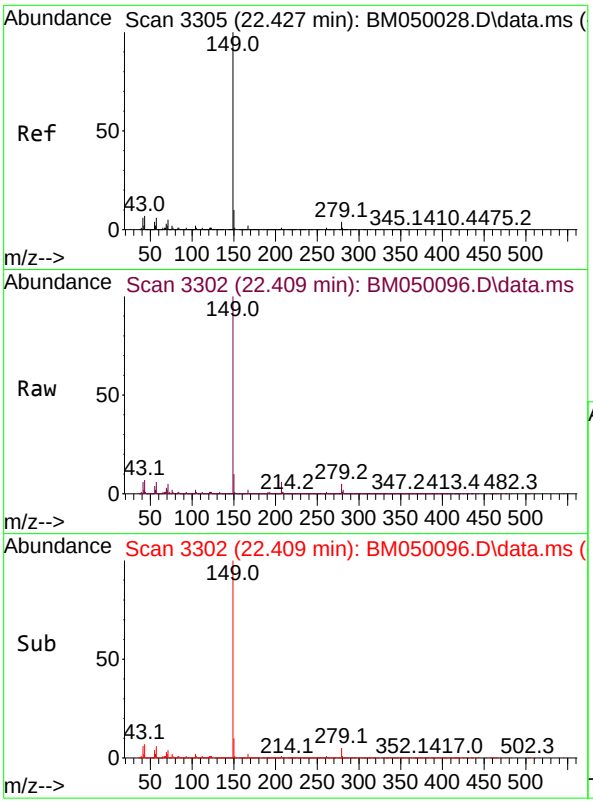


#84
Bis(2-ethylhexyl)phthalate
Concen: 36.699 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:149 Resp: 1801797

Ion	Ratio	Lower	Upper
149	100		
167	30.8	24.1	36.1
279	5.7	3.9	5.9



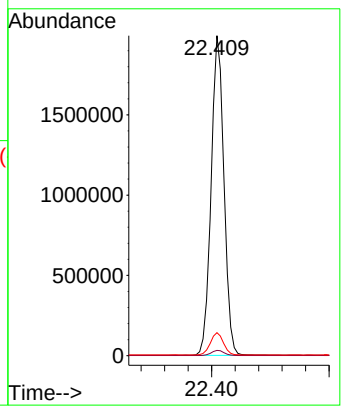


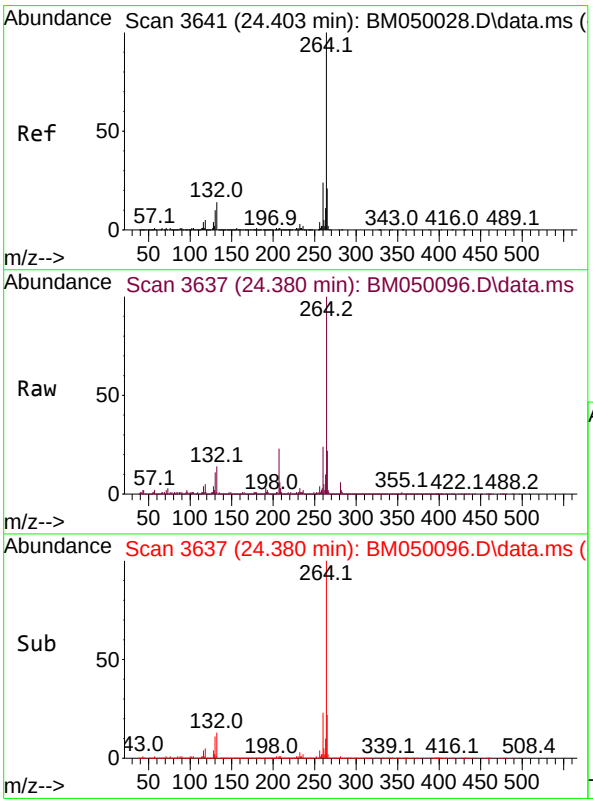
#85
Di-n-octyl phthalate
Concen: 37.178 ng
RT: 22.409 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 3010178

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.1	5.8	8.8

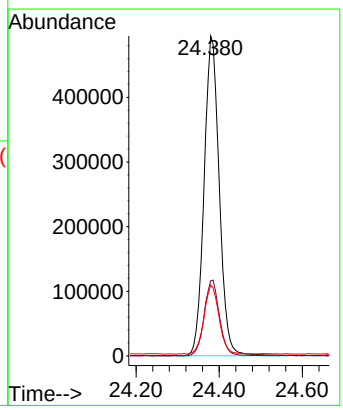


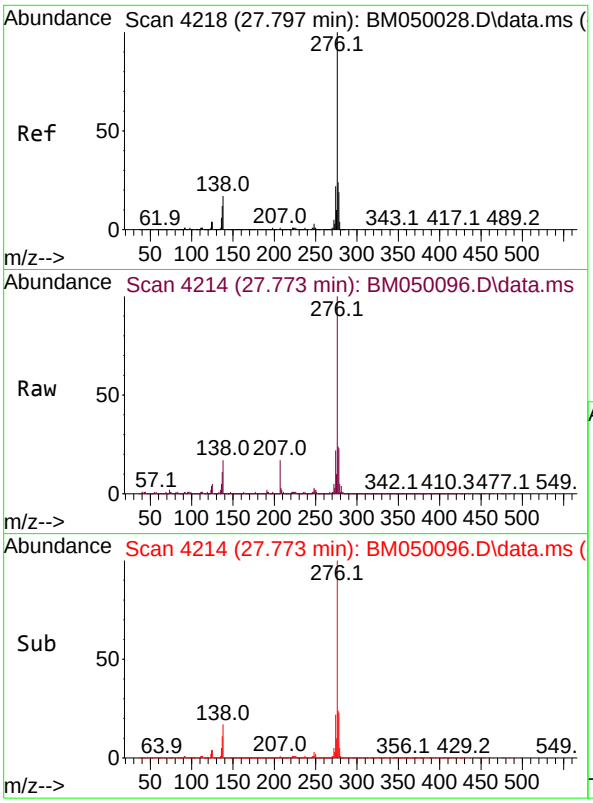


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.380 min Scan# 3637
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:264 Resp: 1253431

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	22.1	17.0	25.4



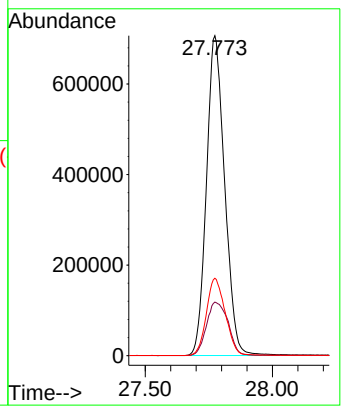


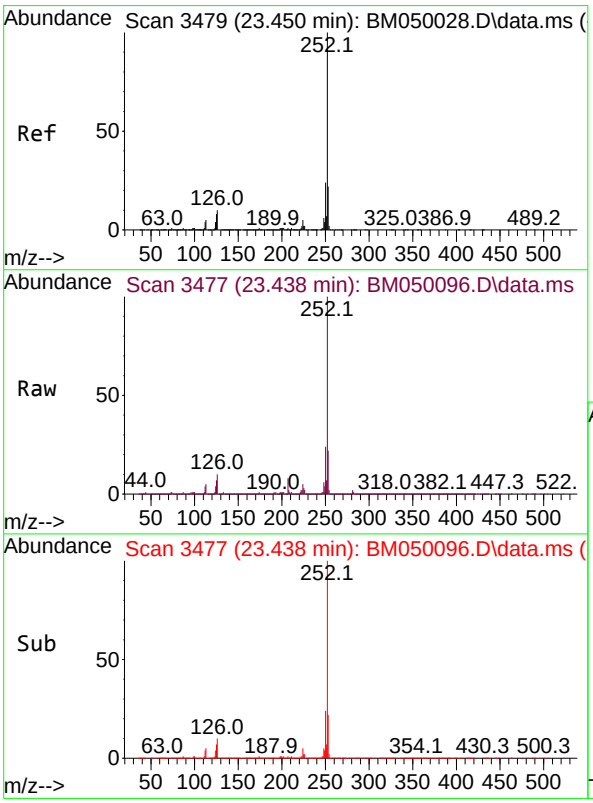
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.708 ng
RT: 27.773 min Scan# 4
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 3521793

Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.4	24.6
277	25.0	19.8	29.8

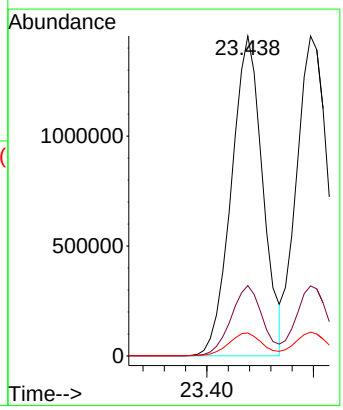


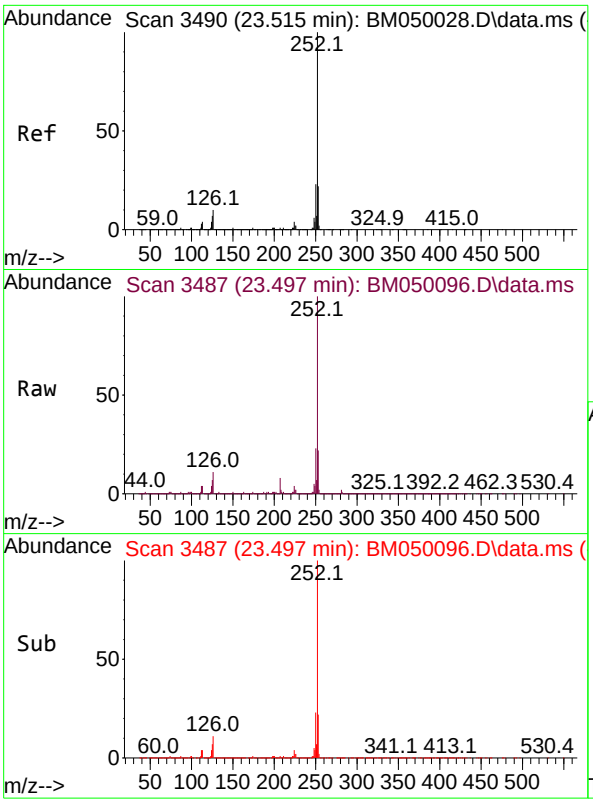


#88
Benzo(b)fluoranthene
Concen: 36.480 ng
RT: 23.438 min Scan# 3477
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:252 Resp: 2973664

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	7.2	6.1	9.1



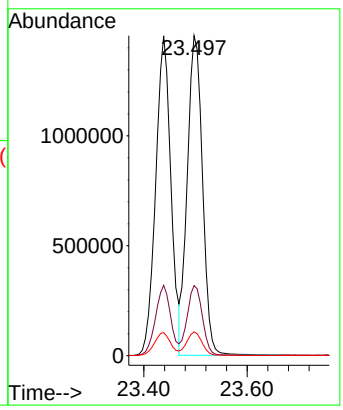


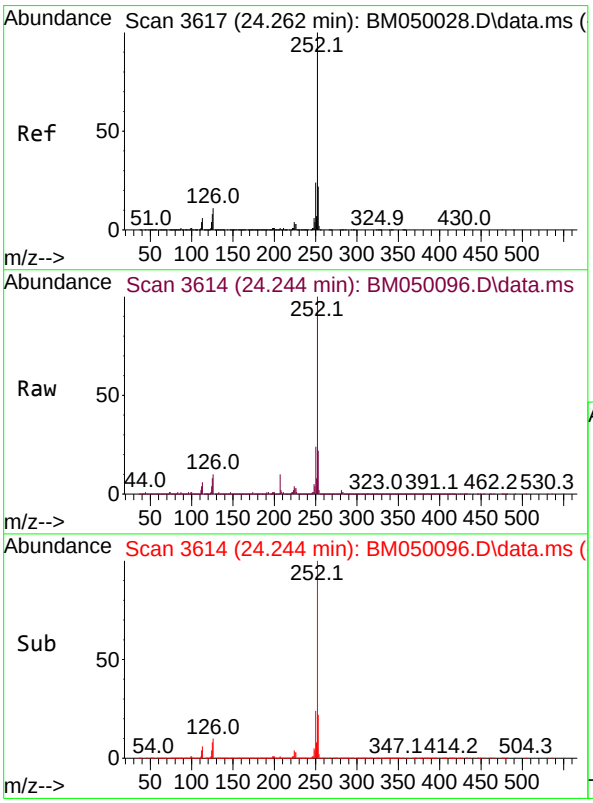
#89
Benzo(k)fluoranthene
Concen: 36.097 ng
RT: 23.497 min Scan# 34
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 2976318

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	7.5	5.8	8.8

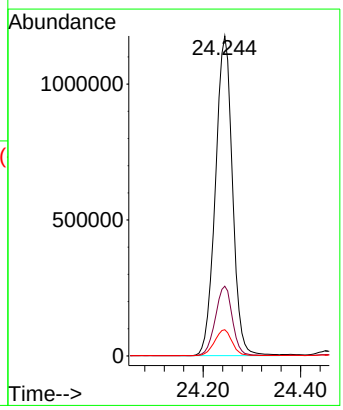


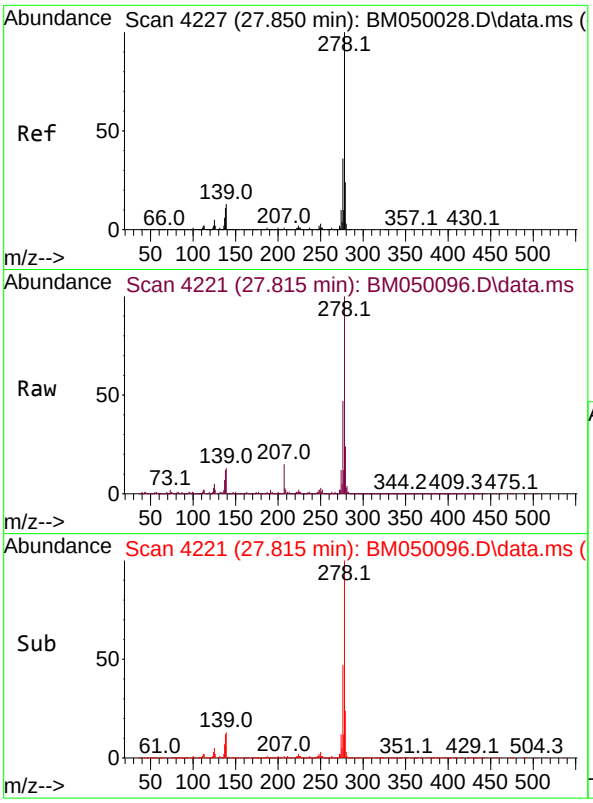


#90
Benzo(a)pyrene
Concen: 37.436 ng
RT: 24.244 min Scan# 3614
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:252 Resp: 2858100

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	8.2	6.6	9.8



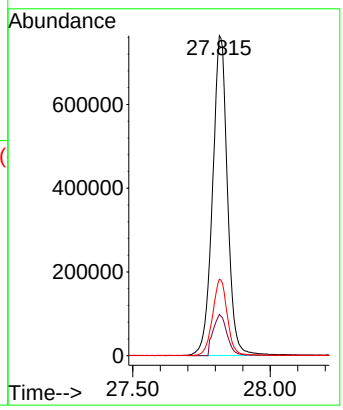


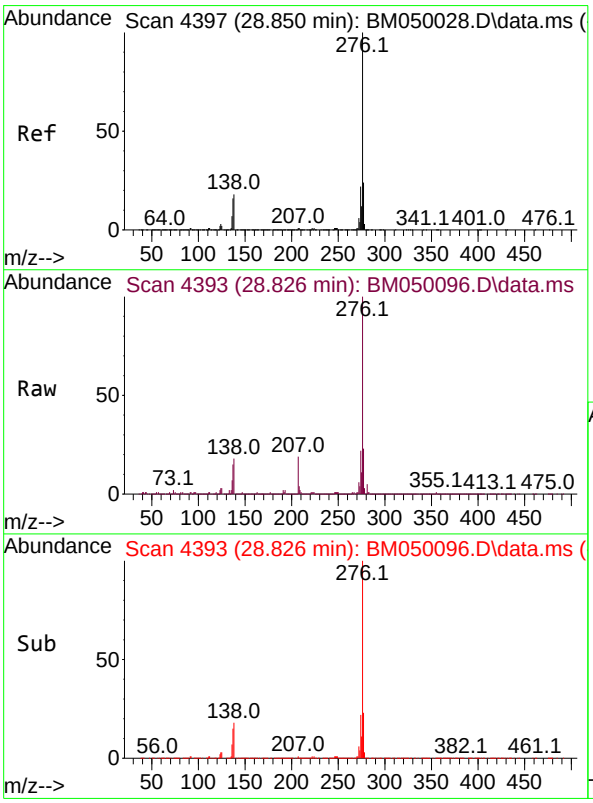
#91
Dibenzo(a,h)anthracene
Concen: 37.873 ng
RT: 27.815 min Scan# 4
Delta R.T. -0.035 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 2883384

Ion	Ratio	Lower	Upper
278	100		
139	12.9	10.5	15.7
279	23.9	19.4	29.0

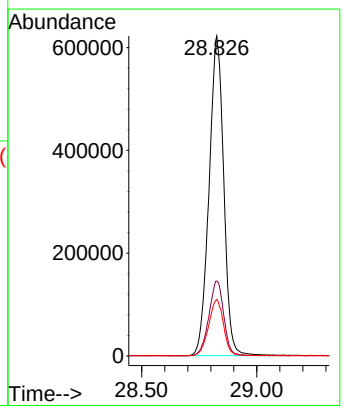




#92
Benzo(g,h,i)perylene
Concen: 37.799 ng
RT: 28.826 min Scan# 4393
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:276 Resp: 2755094

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	17.7	14.3	21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050096.D
Acq On : 05 May 2025 12:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 05 13:18:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	-0.02
2		1,4-Dioxane	0.490	0.440	10.2	91	-0.02
3		Pyridine	1.258	1.210	3.8	96	-0.02
4		n-Nitrosodimethylamine	0.493	0.461	6.5	93	-0.02
5	S	2-Fluorophenol	1.142	1.095	4.1	95	-0.02
6		Aniline	1.813	1.770	2.4	96	-0.02
7	S	Phenol-d6	1.436	1.417	1.3	97	-0.02
8		2-Chlorophenol	1.235	1.197	3.1	96	-0.02
9		Benzaldehyde	0.961	0.917	4.6	94	-0.02
10	C	Phenol	1.453	1.425	1.9	97	-0.02
11		bis(2-Chloroethyl)ether	1.213	1.144	5.7	94	-0.02
12		1,3-Dichlorobenzene	1.492	1.404	5.9	94	-0.02
13	C	1,4-Dichlorobenzene	1.499	1.413	5.7	95	-0.02
14		1,2-Dichlorobenzene	1.448	1.363	5.9	94	-0.02
15		Benzyl Alcohol	0.996	1.018	-2.2	99	-0.02
16		2,2'-oxybis(1-Chloropropane	1.475	1.399	5.2	95	-0.02
17		2-Methylphenol	0.957	0.951	0.6	97	-0.01
18		Hexachloroethane	0.533	0.498	6.6	94	-0.02
19	P	n-Nitroso-di-n-propylamine	0.921	0.922	-0.1	97	-0.02
20		3+4-Methylphenols	1.293	1.307	-1.1	99	-0.02
21	I	Naphthalene-d8	1.000	1.000	0.0	109	-0.02
22		Acetophenone	0.497	0.471	5.2	96	-0.02
23	S	Nitrobenzene-d5	0.406	0.383	5.7	96	-0.02
24		Nitrobenzene	0.351	0.331	5.7	96	-0.02
25		Isophorone	0.692	0.662	4.3	99	-0.02
26	C	2-Nitrophenol	0.179	0.181	-1.1	100	-0.02
27		2,4-Dimethylphenol	0.297	0.291	2.0	98	-0.02
28		bis(2-Chloroethoxy)methane	0.428	0.405	5.4	97	-0.02
29	C	2,4-Dichlorophenol	0.333	0.330	0.9	99	-0.02
30		1,2,4-Trichlorobenzene	0.406	0.380	6.4	97	-0.02
31		Naphthalene	1.013	0.951	6.1	97	-0.02
32		Benzoic acid	0.190	0.198	-4.2	109	0.00
33		4-Chloroaniline	0.415	0.407	1.9	101	-0.02
34	C	Hexachlorobutadiene	0.258	0.238	7.8	96	-0.02
35		Caprolactam	0.097	0.100	-3.1	104	-0.02
36	C	4-Chloro-3-methylphenol	0.308	0.301	2.3	101	-0.01
37		2-Methylnaphthalene	0.679	0.646	4.9	99	-0.02
38		1-Methylnaphthalene	0.719	0.679	5.6	98	-0.02
39	I	Acenaphthene-d10	1.000	1.000	0.0	112	-0.01
40		1,2,4,5-Tetrachlorobenzene	0.692	0.652	5.8	98	-0.02
41	P	Hexachlorocyclopentadiene	0.423	0.376	11.1	93	-0.02
42	S	2,4,6-Tribromophenol	0.296	0.291	1.7	103	-0.01
43	C	2,4,6-Trichlorophenol	0.439	0.433	1.4	102	-0.02
44		2,4,5-Trichlorophenol	0.474	0.469	1.1	102	-0.01
45	S	2-Fluorobiphenyl	1.691	1.567	7.3	97	-0.02
46		1,1'-Biphenyl	1.487	1.376	7.5	98	-0.02
47		2-Chloronaphthalene	1.177	1.088	7.6	98	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050096.D
Acq On : 05 May 2025 12:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 05 13:18:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.276	0.274	0.7	102	-0.02
49		Acenaphthylene	1.857	1.741	6.2	99	-0.02
50		Dimethylphthalate	1.462	1.361	6.9	100	-0.01
51		2,6-Dinitrotoluene	0.303	0.297	2.0	102	-0.02
52	C	Acenaphthene	1.075	0.996	7.3	99	-0.02
53		3-Nitroaniline	0.289	0.294	-1.7	103	-0.02
54	P	2,4-Dinitrophenol	0.164	0.171	-4.3	108	-0.01
55		Dibenzofuran	1.788	1.672	6.5	100	-0.01
56	P	4-Nitrophenol	0.205	0.212	-3.4	106	-0.01
57		2,4-Dinitrotoluene	0.418	0.417	0.2	103	-0.01
58		Fluorene	1.463	1.372	6.2	99	-0.02
59		2,3,4,6-Tetrachlorophenol	0.410	0.399	2.7	103	-0.01
60		Diethylphthalate	1.377	1.270	7.8	99	-0.01
61		4-Chlorophenyl-phenylether	0.804	0.753	6.3	99	-0.02
62		4-Nitroaniline	0.279	0.293	-5.0	105	-0.01
63		Azobenzene	1.154	1.071	7.2	99	-0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	115	-0.01
65		4,6-Dinitro-2-methylphenol	0.125	0.125	0.0	106	-0.01
66	c	n-Nitrosodiphenylamine	0.614	0.580	5.5	102	-0.01
67		4-Bromophenyl-phenylether	0.242	0.226	6.6	101	-0.01
68		Hexachlorobenzene	0.279	0.261	6.5	102	-0.01
69		Atrazine	0.222	0.214	3.6	104	-0.02
70	C	Pentachlorophenol	0.157	0.152	3.2	105	-0.01
71		Phenanthrene	1.128	1.050	6.9	101	-0.01
72		Anthracene	1.142	1.073	6.0	101	-0.01
73		Carbazole	0.991	0.945	4.6	103	-0.02
74		Di-n-butylphthalate	1.180	1.105	6.4	102	-0.01
75	C	Fluoranthene	1.324	1.269	4.2	103	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	112	-0.01
77		Benzidine	0.710	0.708	0.3	103	-0.01
78		Pyrene	1.404	1.384	1.4	102	-0.01
79	S	Terphenyl-d14	1.352	1.328	1.8	98	0.00
80		Butylbenzylphthalate	0.526	0.514	2.3	103	-0.01
81		Benzo(a)anthracene	1.377	1.294	6.0	98	0.00
82		3,3'-Dichlorobenzidine	0.527	0.514	2.5	99	-0.01
83		Chrysene	1.275	1.185	7.1	99	-0.01
84		Bis(2-ethylhexyl)phthalate	0.786	0.721	8.3	96	-0.01
85	c	Di-n-octyl phthalate	1.296	1.204	7.1	99	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	117	-0.02
87		Indeno(1,2,3-cd)pyrene	1.490	1.405	5.7	103	-0.02
88		Benzo(b)fluoranthene	1.301	1.186	8.8	99	-0.01
89		Benzo(k)fluoranthene	1.316	1.187	9.8	100	-0.02
90	C	Benzo(a)pyrene	1.218	1.140	6.4	103	-0.02
91		Dibenzo(a,h)anthracene	1.215	1.150	5.3	103	-0.04
92		Benzo(g,h,i)perylene	1.163	1.099	5.5	104	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050096.D
Acq On : 05 May 2025 12:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 05 13:18:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050096.D
Acq On : 05 May 2025 12:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 05 13:18:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	105	-0.02
2		1,4-Dioxane	40.000	35.976	10.1	91	-0.02
3		Pyridine	40.000	38.453	3.9	96	-0.02
4		n-Nitrosodimethylamine	40.000	37.372	6.6	93	-0.02
5	S	2-Fluorophenol	80.000	76.675	4.2	95	-0.02
6		Aniline	40.000	39.051	2.4	96	-0.02
7	S	Phenol-d6	80.000	78.959	1.3	97	-0.02
8		2-Chlorophenol	40.000	38.778	3.1	96	-0.02
9		Benzaldehyde	40.000	38.194	4.5	94	-0.02
10	C	Phenol	40.000	39.230	1.9	97	-0.02
11		bis(2-Chloroethyl)ether	40.000	37.722	5.7	94	-0.02
12		1,3-Dichlorobenzene	40.000	37.650	5.9	94	-0.02
13	C	1,4-Dichlorobenzene	40.000	37.725	5.7	95	-0.02
14		1,2-Dichlorobenzene	40.000	37.671	5.8	94	-0.02
15		Benzyl Alcohol	40.000	40.911	-2.3	99	-0.02
16		2,2'-oxybis(1-Chloropropane	40.000	37.940	5.2	95	-0.02
17		2-Methylphenol	40.000	39.731	0.7	97	-0.01
18		Hexachloroethane	40.000	37.387	6.5	94	-0.02
19	P	n-Nitroso-di-n-propylamine	40.000	40.068	-0.2	97	-0.02
20		3+4-Methylphenols	40.000	40.424	-1.1	99	-0.02
21	I	Naphthalene-d8	20.000	20.000	0.0	109	-0.02
22		Acetophenone	40.000	37.853	5.4	96	-0.02
23	S	Nitrobenzene-d5	80.000	75.486	5.6	96	-0.02
24		Nitrobenzene	40.000	37.711	5.7	96	-0.02
25		Isophorone	40.000	38.272	4.3	99	-0.02
26	C	2-Nitrophenol	40.000	40.391	-1.0	100	-0.02
27		2,4-Dimethylphenol	40.000	39.207	2.0	98	-0.02
28		bis(2-Chloroethoxy)methane	40.000	37.911	5.2	97	-0.02
29	C	2,4-Dichlorophenol	40.000	39.667	0.8	99	-0.02
30		1,2,4-Trichlorobenzene	40.000	37.455	6.4	97	-0.02
31		Naphthalene	40.000	37.558	6.1	97	-0.02
32		Benzoic acid	40.000	41.598	-4.0	109	0.00
33		4-Chloroaniline	40.000	39.262	1.8	101	-0.02
34	C	Hexachlorobutadiene	40.000	36.955	7.6	96	-0.02
35		Caprolactam	40.000	41.235	-3.1	104	-0.02
36	C	4-Chloro-3-methylphenol	40.000	39.178	2.1	101	-0.01
37		2-Methylnaphthalene	40.000	38.059	4.9	99	-0.02
38		1-Methylnaphthalene	40.000	37.796	5.5	98	-0.02
39	I	Acenaphthene-d10	20.000	20.000	0.0	112	-0.01
40		1,2,4,5-Tetrachlorobenzene	40.000	37.664	5.8	98	-0.02
41	P	Hexachlorocyclopentadiene	40.000	35.546	11.1	93	-0.02
42	S	2,4,6-Tribromophenol	80.000	78.767	1.5	103	-0.01
43	C	2,4,6-Trichlorophenol	40.000	39.402	1.5	102	-0.02
44		2,4,5-Trichlorophenol	40.000	39.588	1.0	102	-0.01
45	S	2-Fluorobiphenyl	80.000	74.166	7.3	97	-0.02
46		1,1'-Biphenyl	40.000	37.011	7.5	98	-0.02
47		2-Chloronaphthalene	40.000	36.973	7.6	98	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050096.D
Acq On : 05 May 2025 12:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 05 13:18:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	39.633	0.9	102	-0.02
49		Acenaphthylene	40.000	37.514	6.2	99	-0.02
50		Dimethylphthalate	40.000	37.233	6.9	100	-0.01
51		2,6-Dinitrotoluene	40.000	39.208	2.0	102	-0.02
52	C	Acenaphthene	40.000	37.091	7.3	99	-0.02
53		3-Nitroaniline	40.000	40.707	-1.8	103	-0.02
54	P	2,4-Dinitrophenol	40.000	38.565	3.6	108	-0.01
55		Dibenzofuran	40.000	37.408	6.5	100	-0.01
56	P	4-Nitrophenol	40.000	38.524	3.7	106	-0.01
57		2,4-Dinitrotoluene	40.000	39.934	0.2	103	-0.01
58		Fluorene	40.000	37.511	6.2	99	-0.02
59		2,3,4,6-Tetrachlorophenol	40.000	38.984	2.5	103	-0.01
60		Diethylphthalate	40.000	36.893	7.8	99	-0.01
61		4-Chlorophenyl-phenylether	40.000	37.488	6.3	99	-0.02
62		4-Nitroaniline	40.000	42.051	-5.1	105	-0.01
63		Azobenzene	40.000	37.117	7.2	99	-0.01
64	I	Phenanthrene-d10	20.000	20.000	0.0	115	-0.01
65		4,6-Dinitro-2-methylphenol	40.000	39.962	0.1	106	-0.01
66	c	n-Nitrosodiphenylamine	40.000	37.777	5.6	102	-0.01
67		4-Bromophenyl-phenylether	40.000	37.394	6.5	101	-0.01
68		Hexachlorobenzene	40.000	37.471	6.3	102	-0.01
69		Atrazine	40.000	38.676	3.3	104	-0.02
70	C	Pentachlorophenol	40.000	38.816	3.0	105	-0.01
71		Phenanthrene	40.000	37.219	7.0	101	-0.01
72		Anthracene	40.000	37.595	6.0	101	-0.01
73		Carbazole	40.000	38.159	4.6	103	-0.02
74		Di-n-butylphthalate	40.000	37.453	6.4	102	-0.01
75	C	Fluoranthene	40.000	38.339	4.2	103	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	112	-0.01
77		Benzidine	40.000	39.848	0.4	103	-0.01
78		Pyrene	40.000	39.422	1.4	102	-0.01
79	S	Terphenyl-d14	80.000	78.622	1.7	98	0.00
80		Butylbenzylphthalate	40.000	39.083	2.3	103	-0.01
81		Benzo(a)anthracene	40.000	37.585	6.0	98	0.00
82		3,3'-Dichlorobenzidine	40.000	38.964	2.6	99	-0.01
83		Chrysene	40.000	37.189	7.0	99	-0.01
84		Bis(2-ethylhexyl)phthalate	40.000	36.699	8.3	96	-0.01
85	c	Di-n-octyl phthalate	40.000	37.178	7.1	99	-0.02
86	I	Perylene-d12	20.000	20.000	0.0	117	-0.02
87		Indeno(1,2,3-cd)pyrene	40.000	37.708	5.7	103	-0.02
88		Benzo(b)fluoranthene	40.000	36.480	8.8	99	-0.01
89		Benzo(k)fluoranthene	40.000	36.097	9.8	100	-0.02
90	C	Benzo(a)pyrene	40.000	37.436	6.4	103	-0.02
91		Dibenzo(a,h)anthracene	40.000	37.873	5.3	103	-0.04
92		Benzo(g,h,i)perylene	40.000	37.799	5.5	104	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050096.D
Acq On : 05 May 2025 12:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 05 13:18:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: BNA_P Calibration Date/Time: 05/02/2025 11:27

Lab File ID: BP024504.D Init. Calib. Date(s): 04/14/2025 04/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:06 17:13

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.210	1.150		-5.0	
Phenol-d6	1.656	1.559		-5.9	
Nitrobenzene-d5	0.351	0.346		-1.4	
Naphthalene	1.054	1.016		-3.6	
2-Fluorobiphenyl	1.306	1.294		-0.9	
Acenaphthylene	1.730	1.713		-1.0	
Acenaphthene	1.097	1.036		-5.6	20.0
Fluorene	1.388	1.362		-1.9	
2,4,6-Tribromophenol	0.277	0.326		17.7	
Phenanthrene	1.091	1.048		-3.9	
Anthracene	1.052	1.045		-0.7	
Fluoranthene	1.298	1.286		-0.9	20.0
Pyrene	1.271	1.176		-7.5	
Terphenyl-d14	0.992	0.994		0.2	
Benzo(a)anthracene	1.243	1.183		-4.8	
Chrysene	1.191	1.143		-4.0	
Benzo(b)fluoranthene	1.199	1.134		-5.4	
Benzo(k)fluoranthene	1.158	1.103		-4.8	
Benzo(a)pyrene	1.034	0.996		-3.7	20.0
Indeno(1,2,3-cd)pyrene	1.388	1.361		-1.9	
Dibenzo(a,h)anthracene	1.152	1.120		-2.8	
Benzo(g,h,i)perylene	1.173	1.138		-3.0	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024504.D
Acq On : 02 May 2025 11:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 02 12:18:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	129550	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	549706	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	360102	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	708711	20.000	ng	# 0.00
76) Chrysene-d12	21.598	240	795052	20.000	ng	0.00
86) Perylene-d12	24.945	264	924354	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	596004	76.068	ng	-0.02
7) Phenol-d6	6.893	99	808071	75.320	ng	-0.02
23) Nitrobenzene-d5	8.857	82	760502	78.887	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	469770	94.290	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1864450	79.274	ng	-0.01
79) Terphenyl-d14	19.875	244	3160493	80.126	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	110263	33.271	ng	# 93
3) Pyridine	3.670	79	293004	33.482	ng	# 91
4) n-Nitrosodimethylamine	3.581	42	123170	42.409	ng	# 74
6) Aniline	7.046	93	356394	37.175	ng	98
8) 2-Chlorophenol	7.287	128	336044	38.415	ng	97
9) Benzaldehyde	6.863	77	235587	44.392	ng	97
10) Phenol	6.922	94	393015	36.518	ng	89
11) bis(2-Chloroethyl)ether	7.140	93	300708	34.679	ng	99
12) 1,3-Dichlorobenzene	7.599	146	356251	37.828	ng	99
13) 1,4-Dichlorobenzene	7.746	146	362726	37.961	ng	100
14) 1,2-Dichlorobenzene	8.058	146	349992	37.932	ng	99
15) Benzyl Alcohol	7.952	79	291893	42.071	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.234	45	333682	35.601	ng	100
17) 2-Methylphenol	8.152	107	274158	39.378	ng	97
18) Hexachloroethane	8.775	117	134801	39.036	ng	97
19) n-Nitroso-di-n-propyla...	8.505	70	254407	38.330	ng	95
20) 3+4-Methylphenols	8.481	107	382848	39.631	ng	97
22) Acetophenone	8.522	105	529415	38.912	ng	96
24) Nitrobenzene	8.899	77	363801	38.147	ng	97
25) Isophorone	9.422	82	674324	38.644	ng	96
26) 2-Nitrophenol	9.605	139	201915	43.264	ng	97
27) 2,4-Dimethylphenol	9.669	122	232627	39.697	ng	97
28) bis(2-Chloroethoxy)met...	9.899	93	426741	36.201	ng	99
29) 2,4-Dichlorophenol	10.140	162	334667	41.885	ng	99
30) 1,2,4-Trichlorobenzene	10.346	180	341508	39.892	ng	100
31) Naphthalene	10.534	128	1116853	38.570	ng	100
32) Benzoic acid	9.828	122	277285	40.608	ng	99
33) 4-Chloroaniline	10.646	127	416010	40.796	ng	99
34) Hexachlorobutadiene	10.816	225	214609	42.660	ng	99
35) Caprolactam	11.440	113	118182	40.086	ng	95
36) 4-Chloro-3-methylphenol	11.781	107	390524	41.961	ng	99
37) 2-Methylnaphthalene	12.146	142	791105	39.394	ng	97
38) 1-Methylnaphthalene	12.363	142	770760	39.233	ng	98
40) 1,2,4,5-Tetrachloroben...	12.516	216	401182	40.512	ng	99
41) Hexachlorocyclopentadiene	12.498	237	135891	38.800	ng	97
43) 2,4,6-Trichlorophenol	12.763	196	278292	42.268	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024504.D
Acq On : 02 May 2025 11:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 02 12:18:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

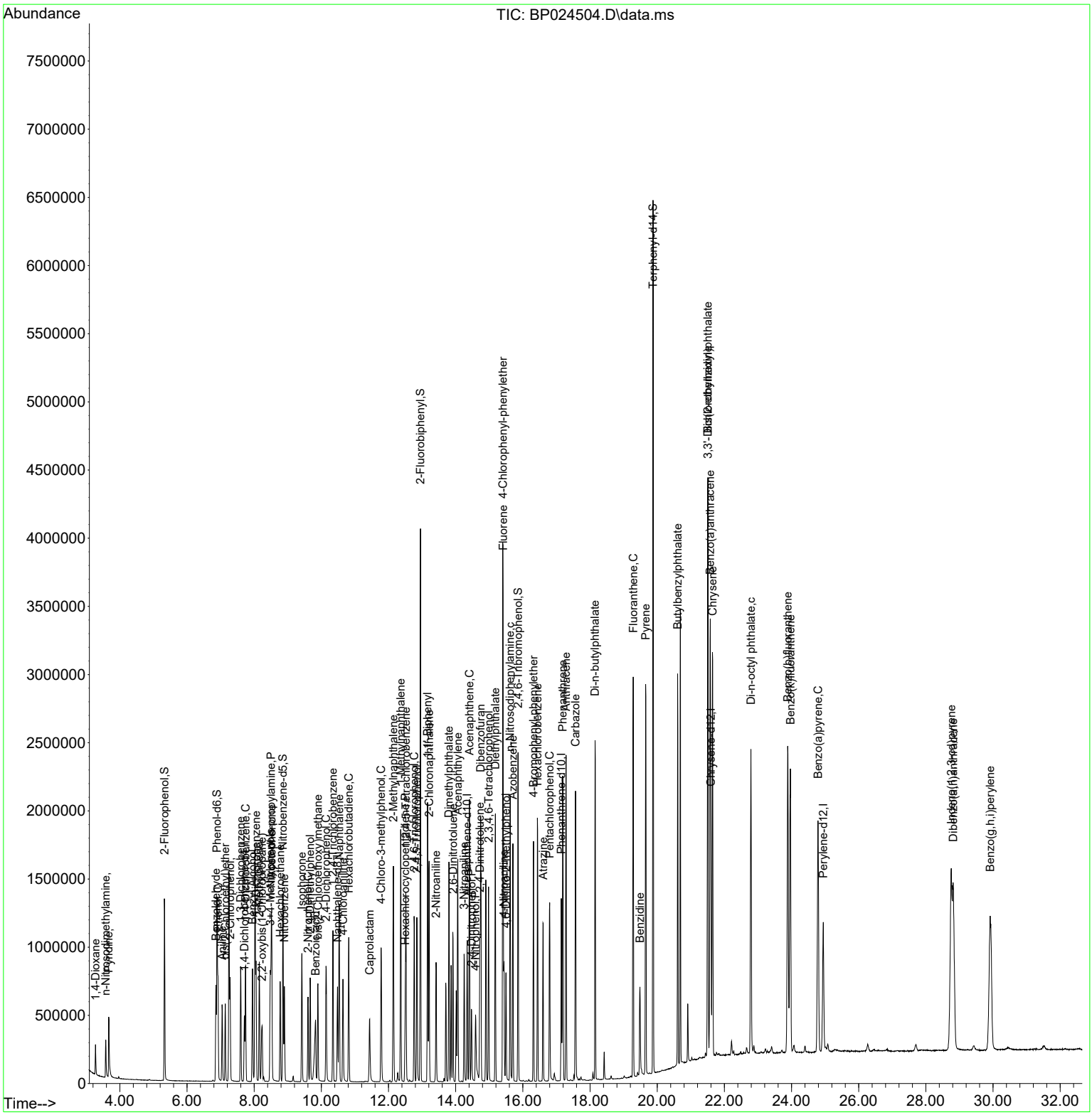
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.846	196	303927	41.686	ng		100
46) 1,1'-Biphenyl	13.163	154	1034228	39.073	ng		98
47) 2-Chloronaphthalene	13.210	162	772166	39.032	ng		98
48) 2-Nitroaniline	13.416	65	235791	42.491	ng		95
49) Acenaphthylene	14.063	152	1233927	39.617	ng		99
50) Dimethylphthalate	13.798	163	1064739	40.659	ng		99
51) 2,6-Dinitrotoluene	13.922	165	231402	41.613	ng		99
52) Acenaphthene	14.410	154	746098	37.785	ng		99
53) 3-Nitroaniline	14.251	138	240556	41.159	ng		97
54) 2,4-Dinitrophenol	14.475	184	135922	41.496	ng		93
55) Dibenzofuran	14.745	168	1238864	38.383	ng		96
56) 4-Nitrophenol	14.592	139	195448	38.721	ng		85
57) 2,4-Dinitrotoluene	14.722	165	319863	42.167	ng		98
58) Fluorene	15.410	166	980589	39.246	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.981	232	284863	42.362	ng		99
60) Diethylphthalate	15.181	149	1084810	40.198	ng		100
61) 4-Chlorophenyl-phenyle...	15.404	204	491661	40.522	ng		96
62) 4-Nitroaniline	15.440	138	256396	41.441	ng		88
63) Azobenzene	15.704	77	926557	37.356	ng		95
65) 4,6-Dinitro-2-methylph...	15.498	198	188049	42.087	ng		97
66) n-Nitrosodiphenylamine	15.622	169	830796	39.275	ng		99
67) 4-Bromophenyl-phenylether	16.316	248	329947	42.568	ng		97
68) Hexachlorobenzene	16.439	284	401030	43.541	ng		100
69) Atrazine	16.604	200	220429	40.914	ng		98
70) Pentachlorophenol	16.798	266	282595	43.981	ng		99
71) Phenanthrene	17.186	178	1484867	38.406	ng		100
72) Anthracene	17.286	178	1480643	39.736	ng		99
73) Carbazole	17.569	167	1425580	39.155	ng		99
74) Di-n-butylphthalate	18.151	149	1884553	41.547	ng		100
75) Fluoranthene	19.286	202	1822300	39.631	ng		96
77) Benzidine	19.486	184	495896	49.206	ng		99
78) Pyrene	19.657	202	1870529	37.021	ng		99
80) Butylbenzylphthalate	20.610	149	864241	39.934	ng		99
81) Benzo(a)anthracene	21.580	228	1880613	38.056	ng		100
82) 3,3'-Dichlorobenzidine	21.504	252	721200	41.580	ng		99
83) Chrysene	21.651	228	1817220	38.383	ng		100
84) Bis(2-ethylhexyl)phtha...	21.510	149	1250474	39.415	ng		100
85) Di-n-octyl phthalate	22.792	149	2147705	41.641	ng		100
87) Indeno(1,2,3-cd)pyrene	28.756	276	2515761	39.203	ng		97
88) Benzo(b)fluoranthene	23.886	252	2095593	37.822	ng	#	97
89) Benzo(k)fluoranthene	23.968	252	2038754	38.094	ng	#	97
90) Benzo(a)pyrene	24.792	252	1840794	38.516	ng	#	97
91) Dibenzo(a,h)anthracene	28.815	278	2070450	38.871	ng		97
92) Benzo(g,h,i)perylene	29.915	276	2104464	38.816	ng	#	95

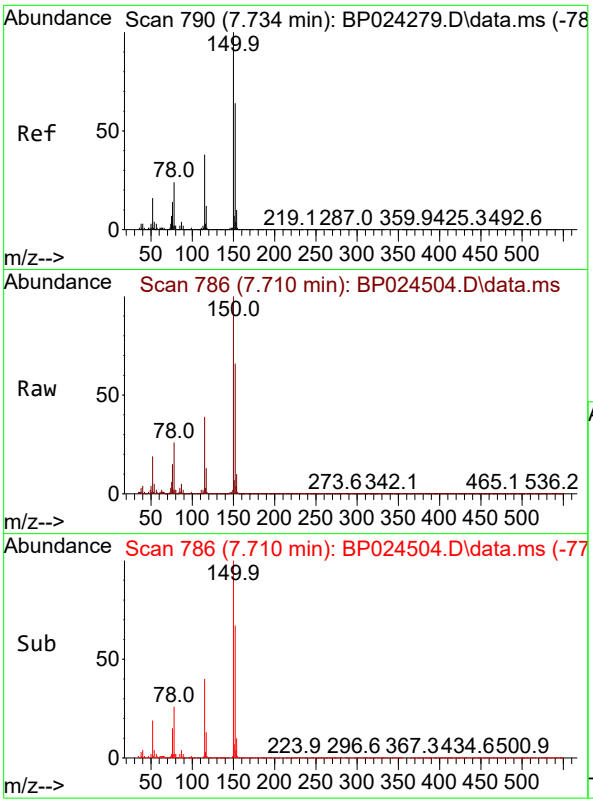
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024504.D
Acq On : 02 May 2025 11:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 02 12:18:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration



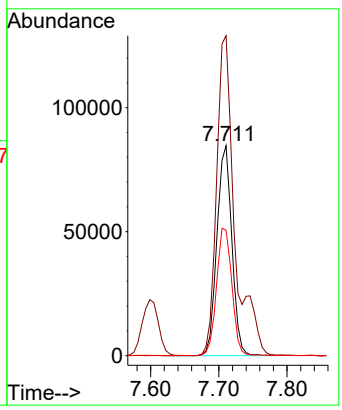


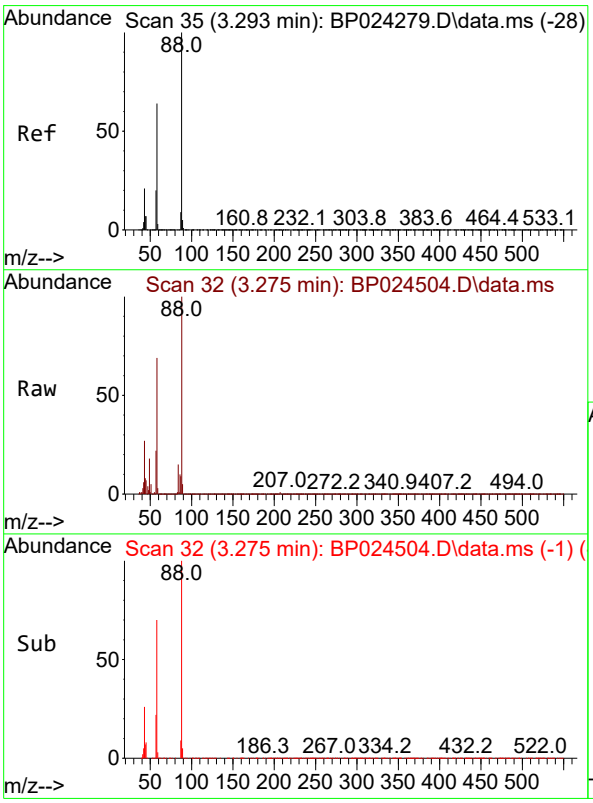
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 7
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 129550

Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.9	187.3
115	59.8	47.7	71.5

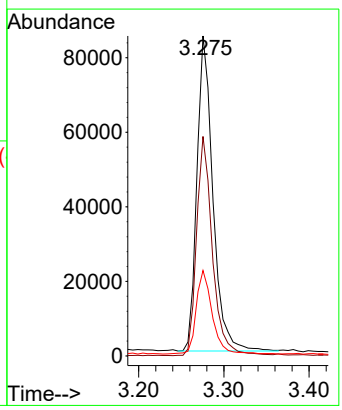


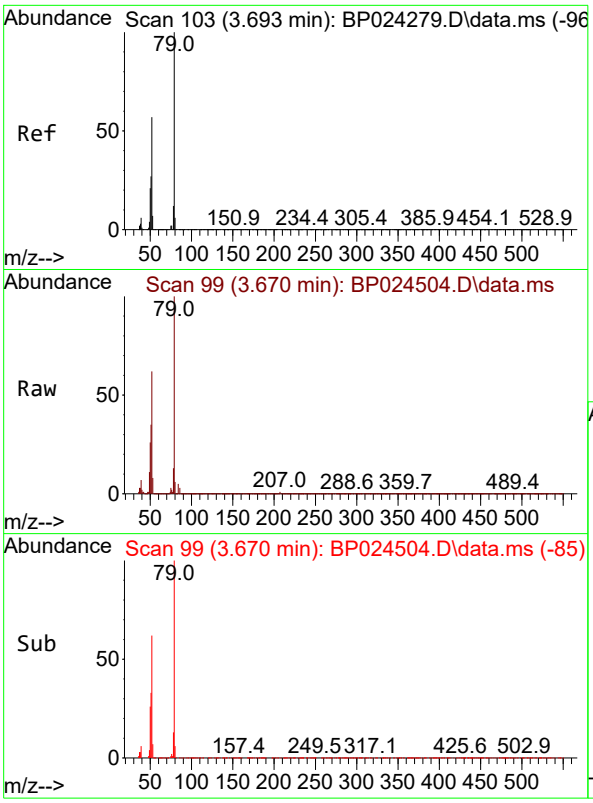


#2
1,4-Dioxane
Concen: 33.271 ng
RT: 3.275 min Scan# 32
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion: 88 Resp: 110263

Ion	Ratio	Lower	Upper
88	100		
58	68.9	51.4	77.2
43	26.5	17.1	25.7#



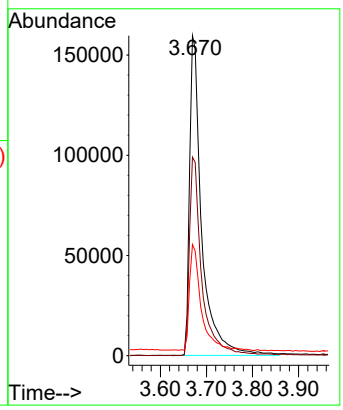


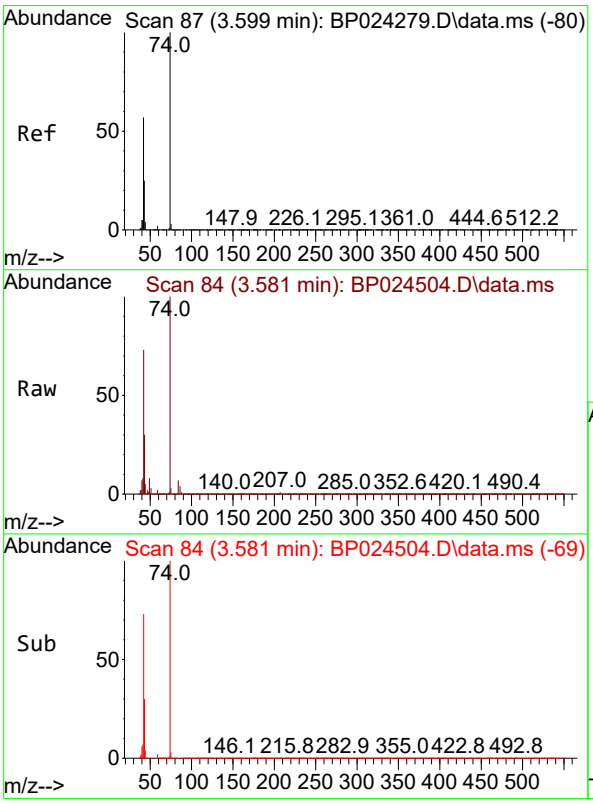
#3
Pyridine
Concen: 33.482 ng
RT: 3.670 min Scan# 9
Delta R.T. -0.018 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 293004

Ion	Ratio	Lower	Upper
79	100		
52	62.0	45.4	68.2
51	34.7	22.6	33.8#

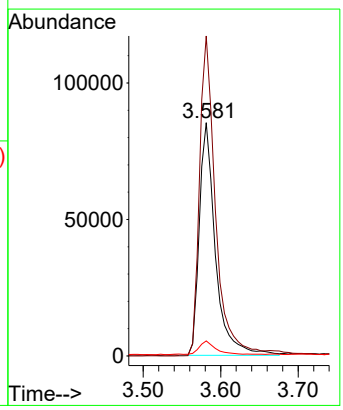


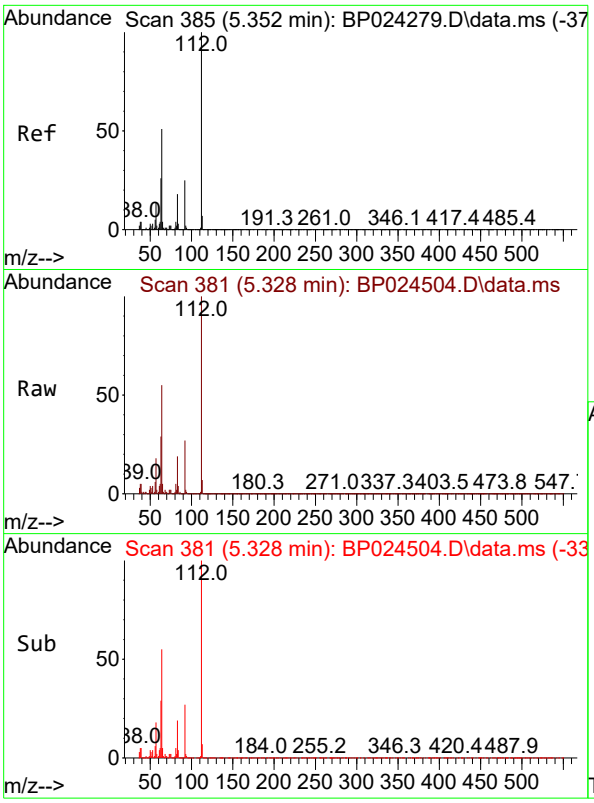


#4
n-Nitrosodimethylamine
Concen: 42.409 ng
RT: 3.581 min Scan# 84
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion: 42 Resp: 123170

Ion	Ratio	Lower	Upper
42	100		
74	137.2	139.5	209.3#
44	6.5	5.8	8.8



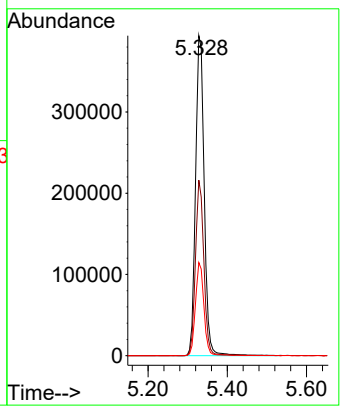


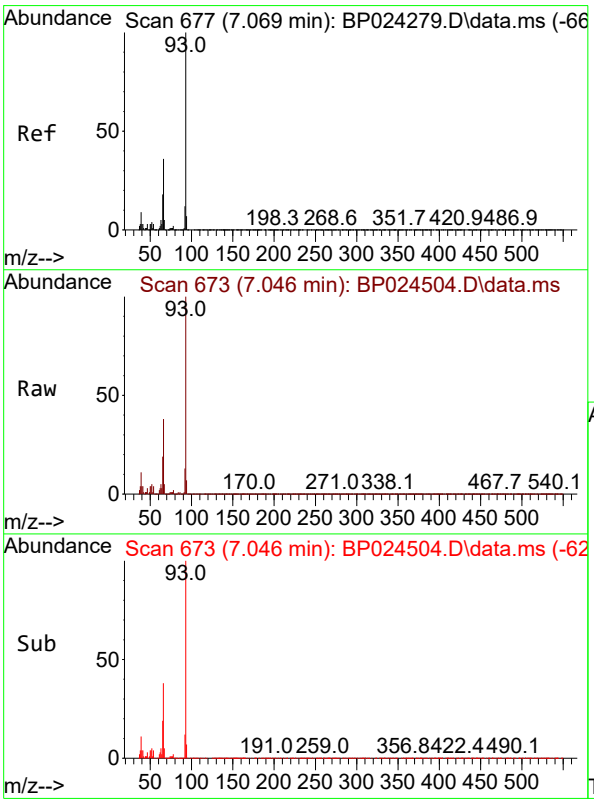
#5
2-Fluorophenol
Concen: 76.068 ng
RT: 5.328 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 596004

Ion	Ratio	Lower	Upper
112	100		
64	54.9	41.1	61.7
63	29.1	20.6	30.8

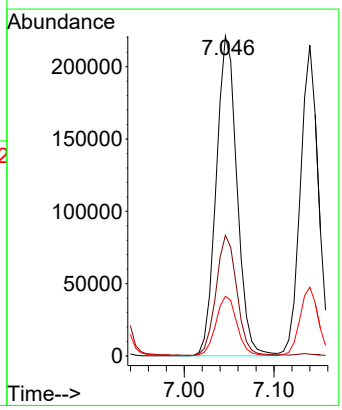


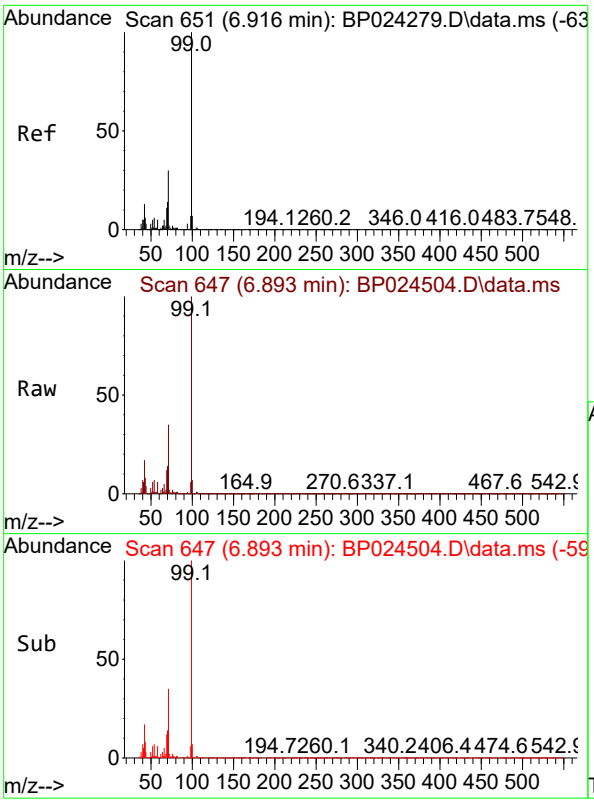


#6
Aniline
Concen: 37.175 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.018 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion: 93 Resp: 356394

Ion	Ratio	Lower	Upper
93	100		
66	37.7	29.1	43.7
65	18.7	14.7	22.1



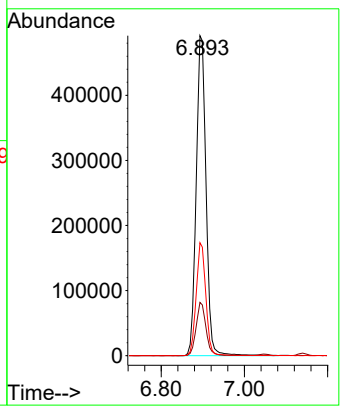


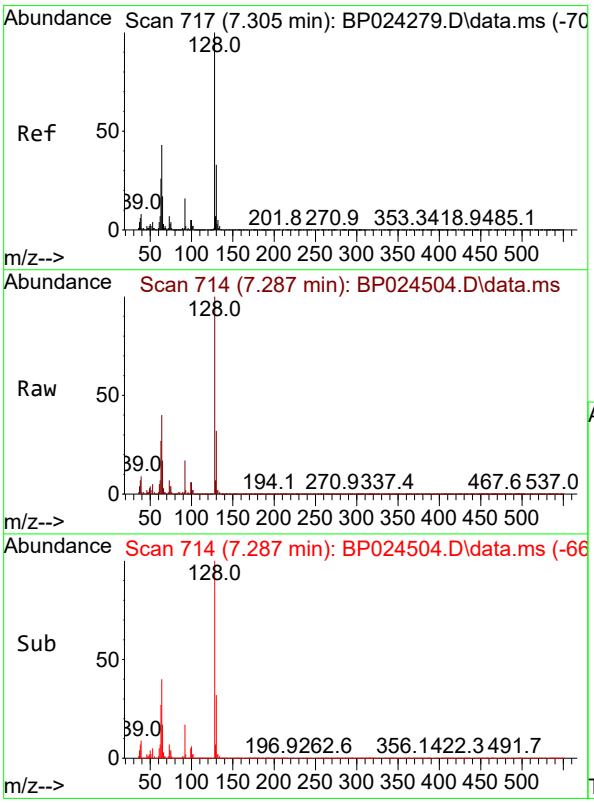
#7
Phenol-d6
Concen: 75.320 ng
RT: 6.893 min Scan# 64
Delta R.T. -0.018 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 808071

Ion	Ratio	Lower	Upper
99	100		
42	16.6	10.6	16.0#
71	35.3	23.7	35.5

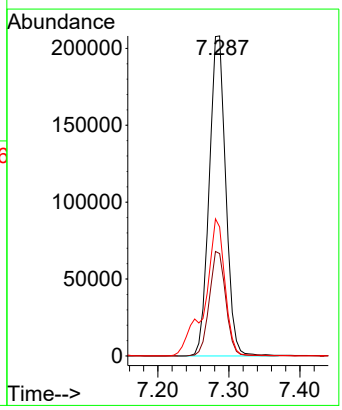


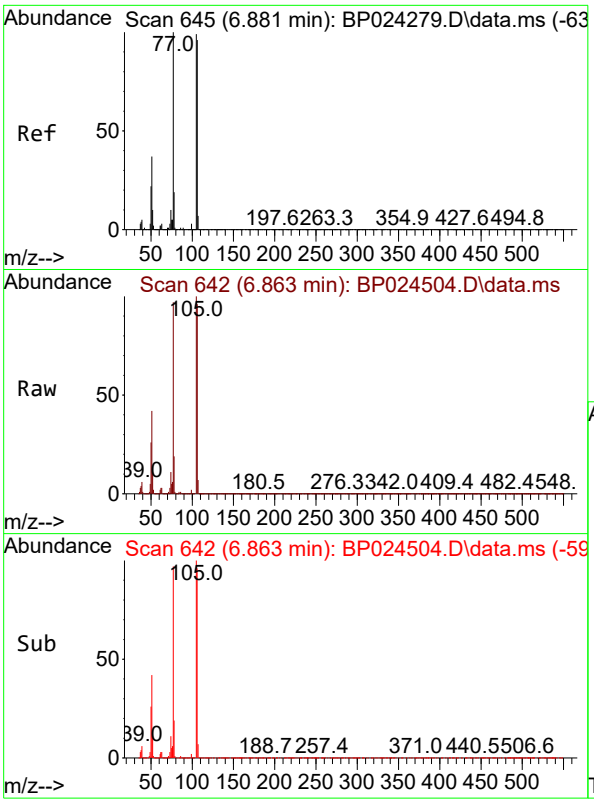


#8
2-Chlorophenol
Concen: 38.415 ng
RT: 7.287 min Scan# 714
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:128 Resp: 336044

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.9	52.9
64	40.3	22.7	62.7



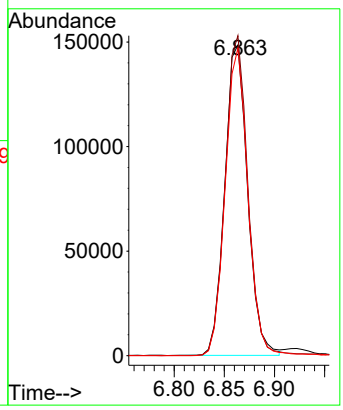


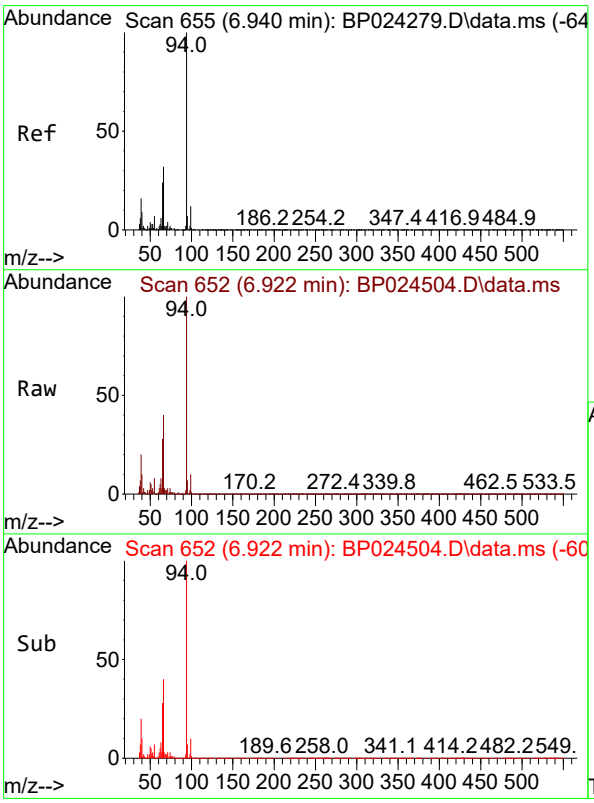
#9
Benzaldehyde
Concen: 44.392 ng
RT: 6.863 min Scan# 64
Delta R.T. -0.018 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 235587

Ion	Ratio	Lower	Upper
77	100		
105	103.0	79.2	119.2
106	99.0	76.2	116.2

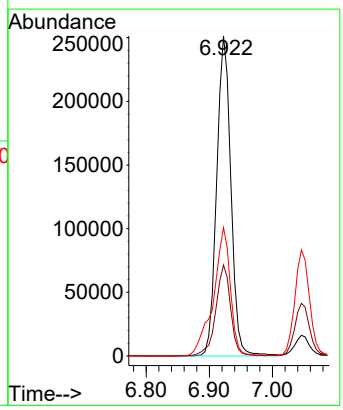


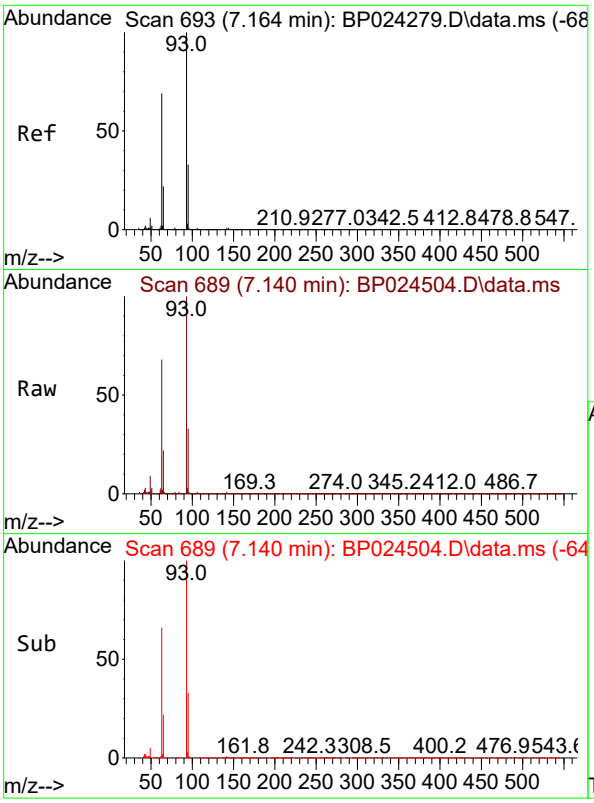


#10
Phenol
Concen: 36.518 ng
RT: 6.922 min Scan# 652
Delta R.T. -0.018 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion: 94 Resp: 393015

Ion	Ratio	Lower	Upper
94	100		
65	28.4	4.5	44.5
66	40.1	12.4	52.4



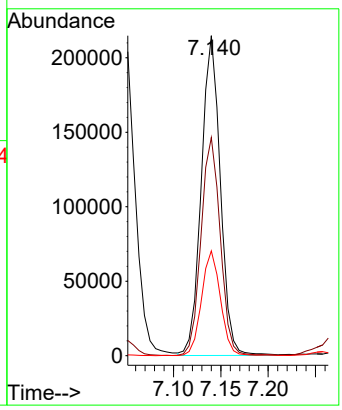


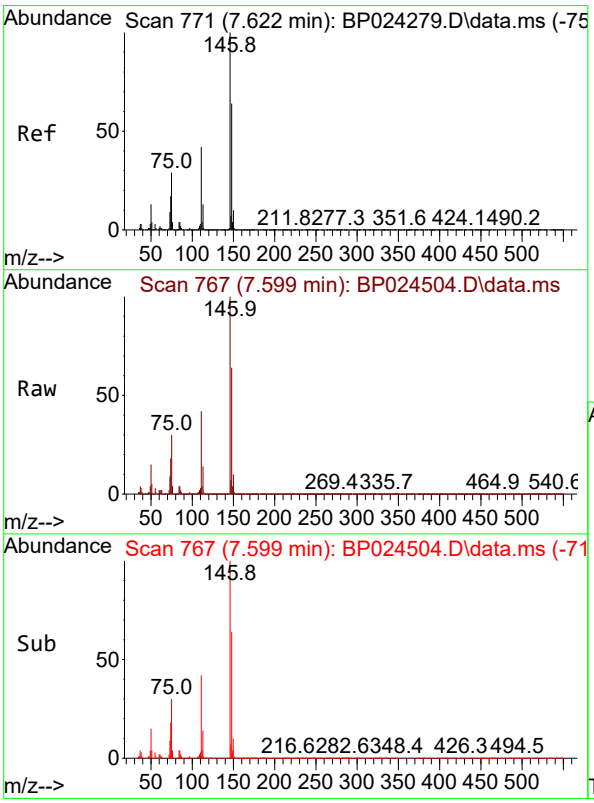
#11
bis(2-Chloroethyl)ether
Concen: 34.679 ng
RT: 7.140 min Scan# 6
Delta R.T. -0.018 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 300708

Ion	Ratio	Lower	Upper
93	100		
63	68.2	48.6	88.6
95	32.8	12.3	52.3

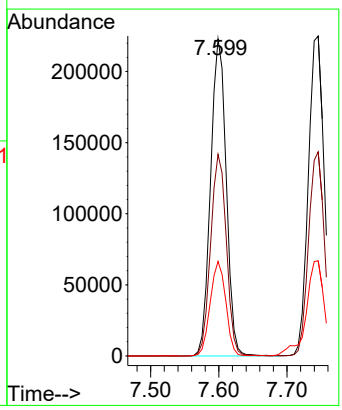


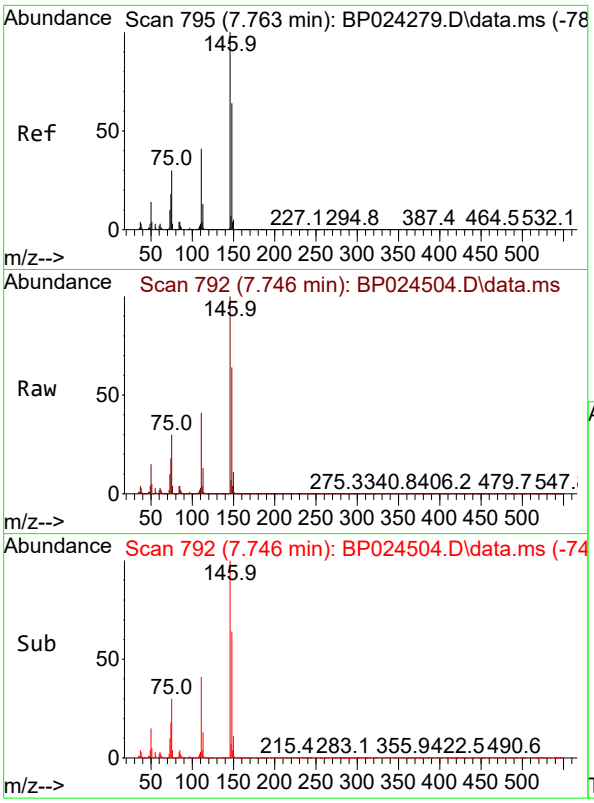


#12
1,3-Dichlorobenzene
Concen: 37.828 ng
RT: 7.599 min Scan# 767
Delta R.T. -0.018 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:146 Resp: 356251

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.0
75	29.8	22.9	34.3



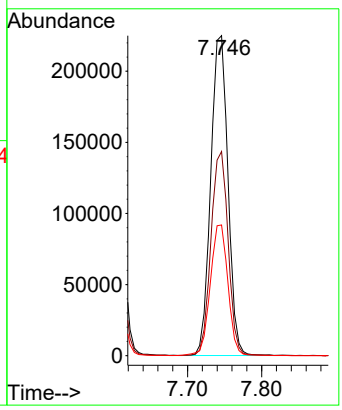


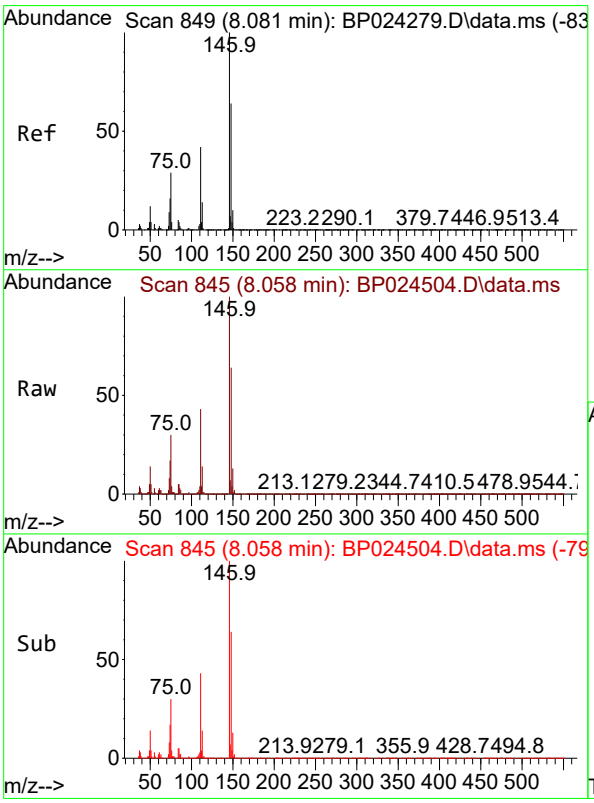
#13
1,4-Dichlorobenzene
Concen: 37.961 ng
RT: 7.746 min Scan# 7
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 362726

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
111	40.9	32.6	48.8

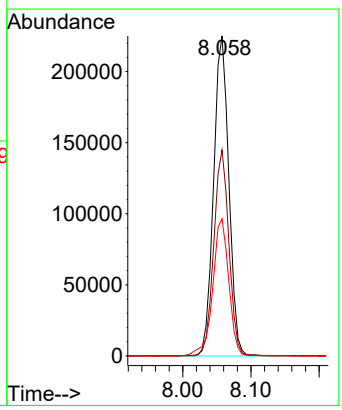


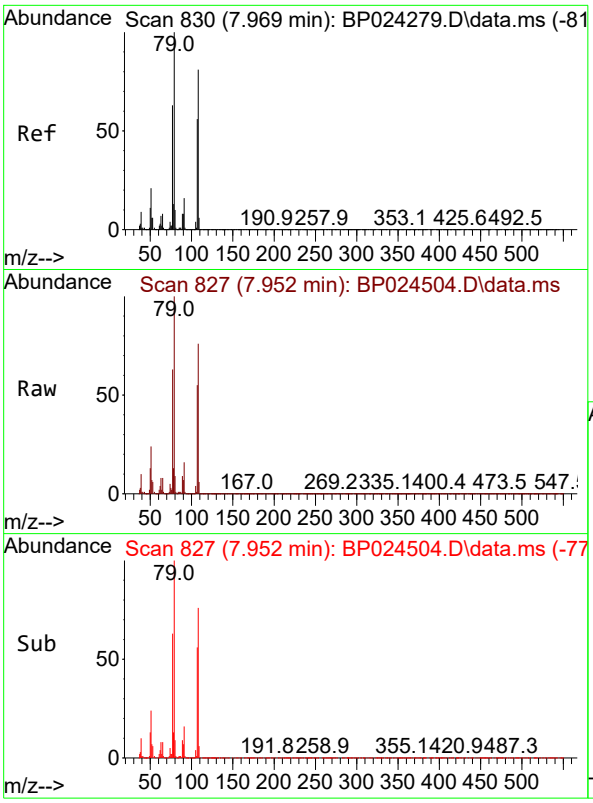


#14
1,2-Dichlorobenzene
Concen: 37.932 ng
RT: 8.058 min Scan# 845
Delta R.T. -0.018 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:146 Resp: 349992

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.0	76.4
111	42.9	33.8	50.8



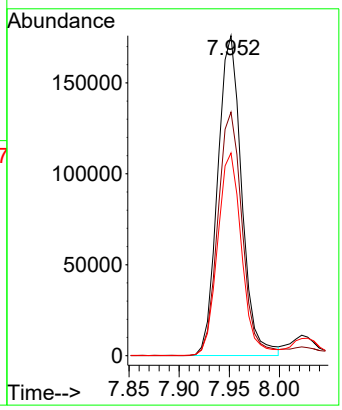


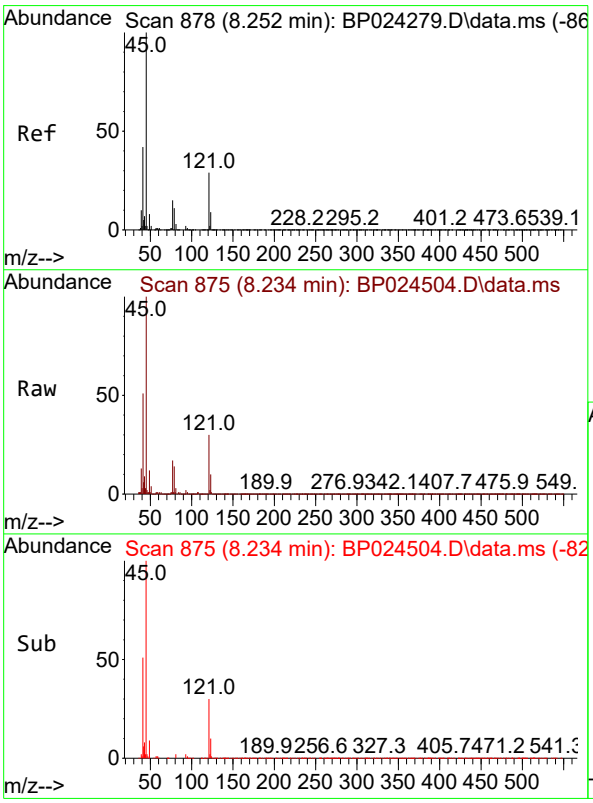
#15
Benzyl Alcohol
Concen: 42.071 ng
RT: 7.952 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 291893

Ion	Ratio	Lower	Upper
79	100		
108	76.1	65.1	97.7
77	63.4	50.7	76.1

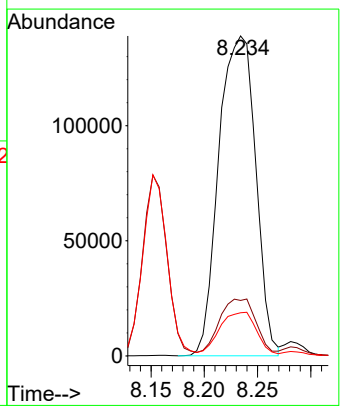


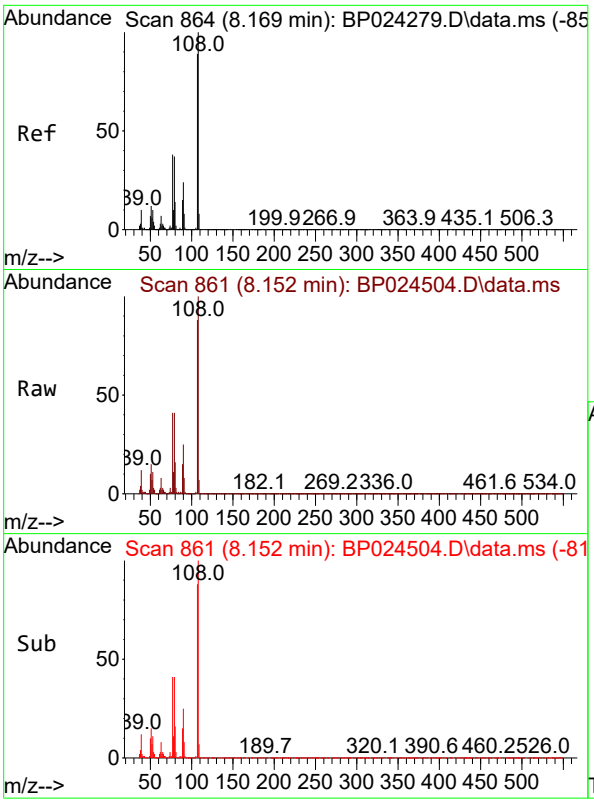


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.601 ng
RT: 8.234 min Scan# 875
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion: 45 Resp: 333682

Ion	Ratio	Lower	Upper
45	100		
77	17.4	0.0	37.7
79	13.5	0.0	33.5



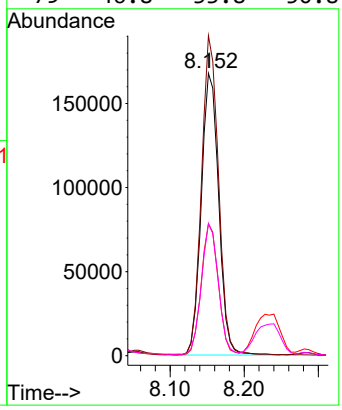


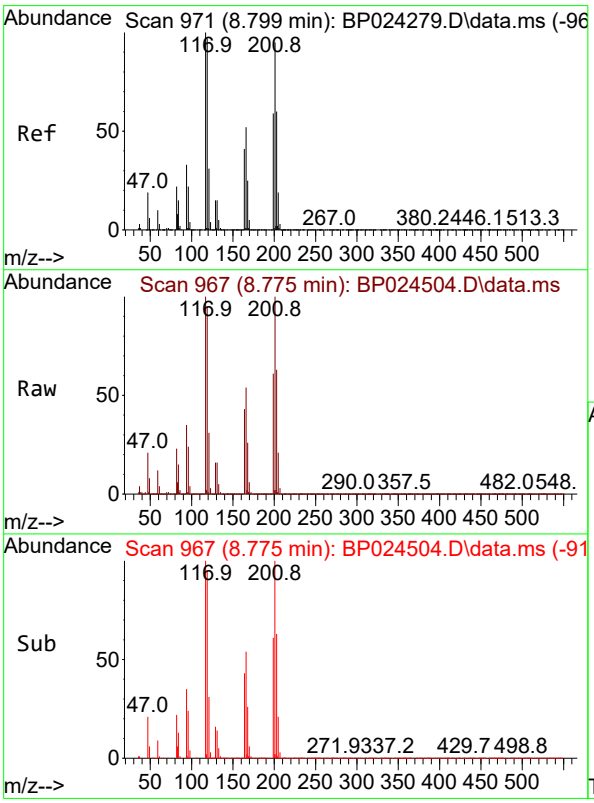
#17
2-Methylphenol
Concen: 39.378 ng
RT: 8.152 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 274158

Ion	Ratio	Lower	Upper
107	100		
108	113.3	89.8	134.6
77	46.7	34.2	51.4
79	46.8	33.8	50.8

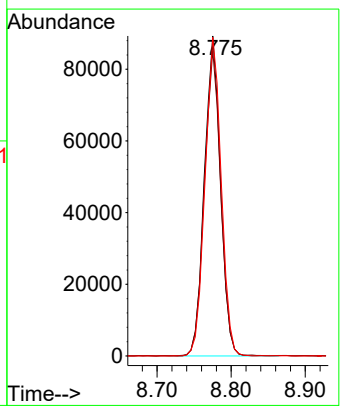


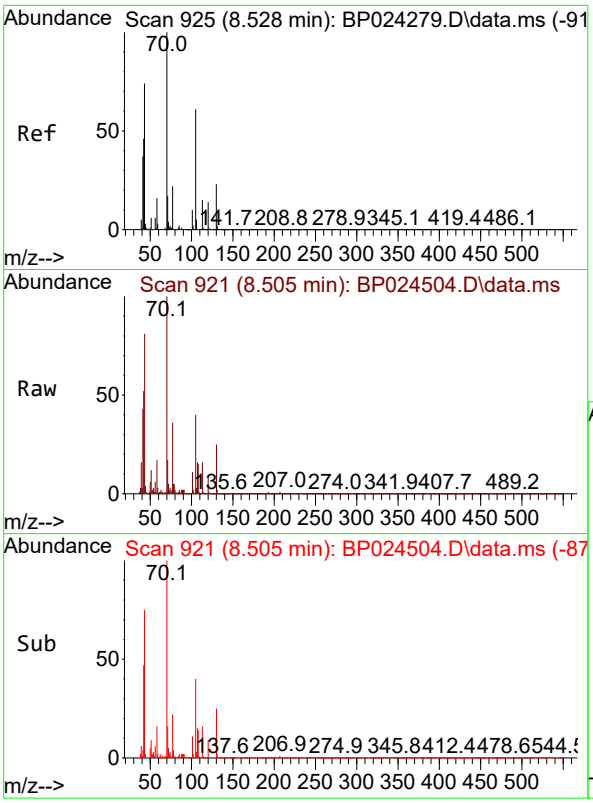


#18
Hexachloroethane
Concen: 39.036 ng
RT: 8.775 min Scan# 967
Delta R.T. -0.018 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:117 Resp: 134801

Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.8	116.6
201	99.6	75.9	113.9



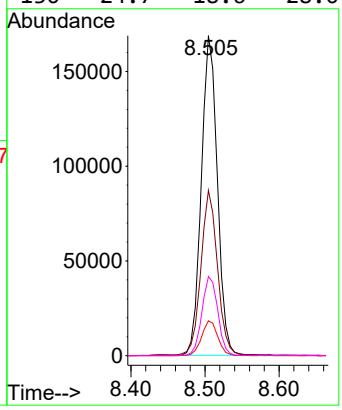


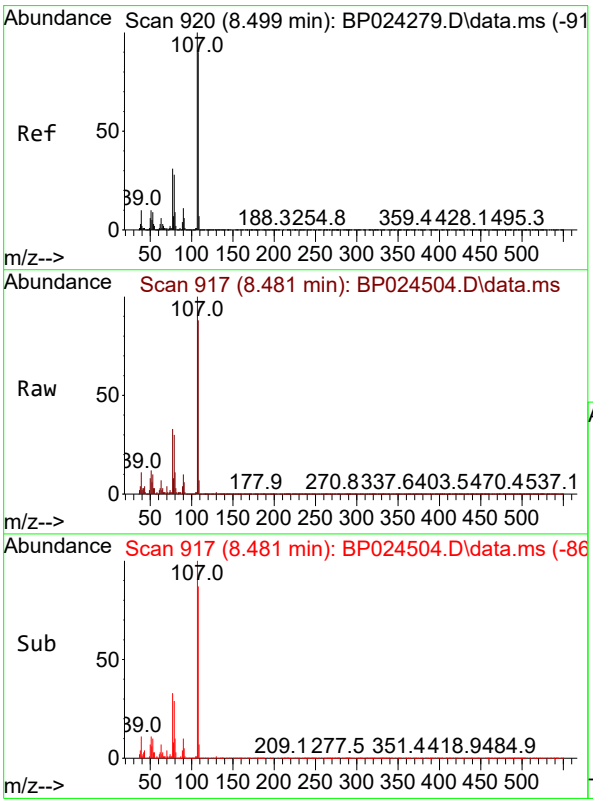
#19
n-Nitroso-di-n-propylamine
Concen: 38.330 ng
RT: 8.505 min Scan# 9
Delta R.T. -0.018 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 254407

Ion	Ratio	Lower	Upper
70	100		
42	51.7	37.3	55.9
101	10.9	8.2	12.4
130	24.7	18.6	28.0

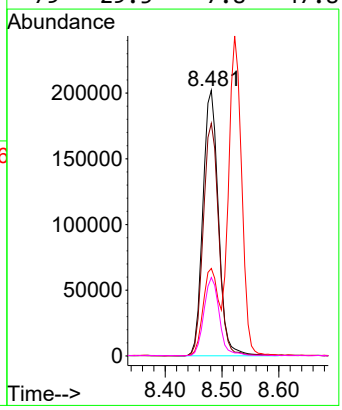


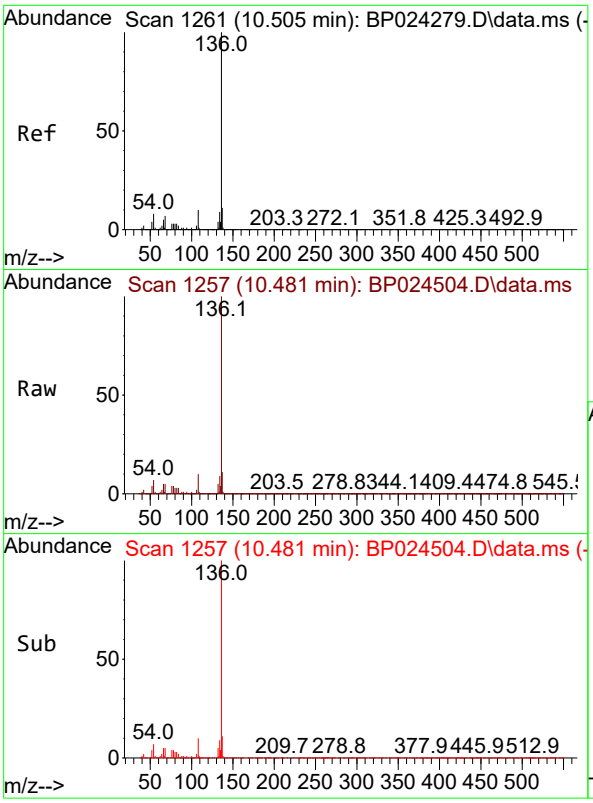


#20
3+4-Methylphenols
Concen: 39.631 ng
RT: 8.481 min Scan# 917
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:107 Resp: 382848

Ion	Ratio	Lower	Upper
107	100		
108	87.6	69.8	109.8
77	33.0	11.5	51.5
79	29.5	7.8	47.8



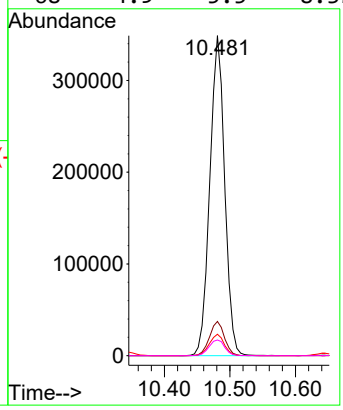


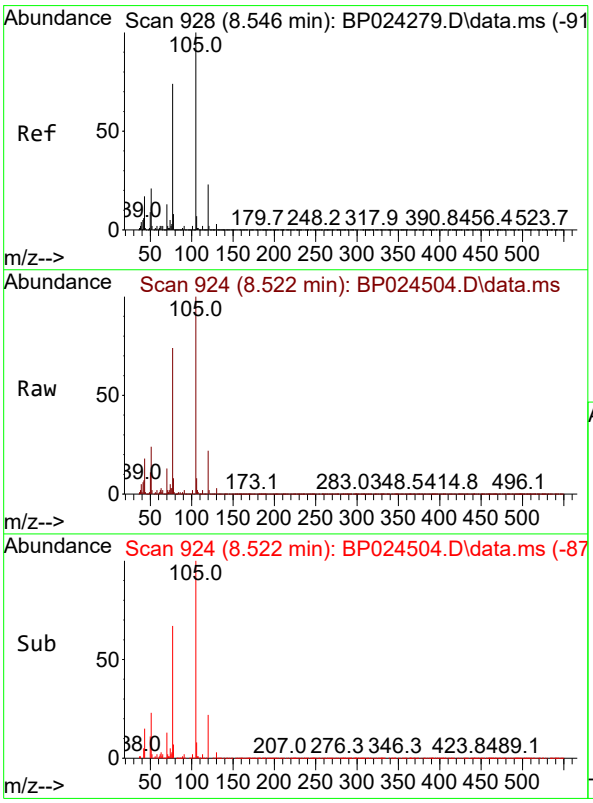
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 549706

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.7	6.0	9.0
68	4.9	5.5	8.3#

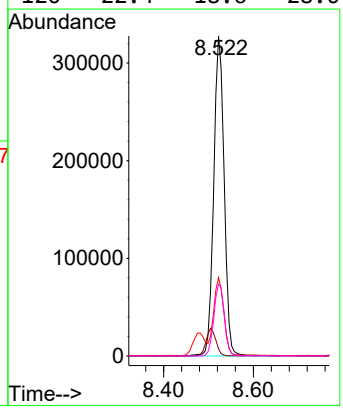


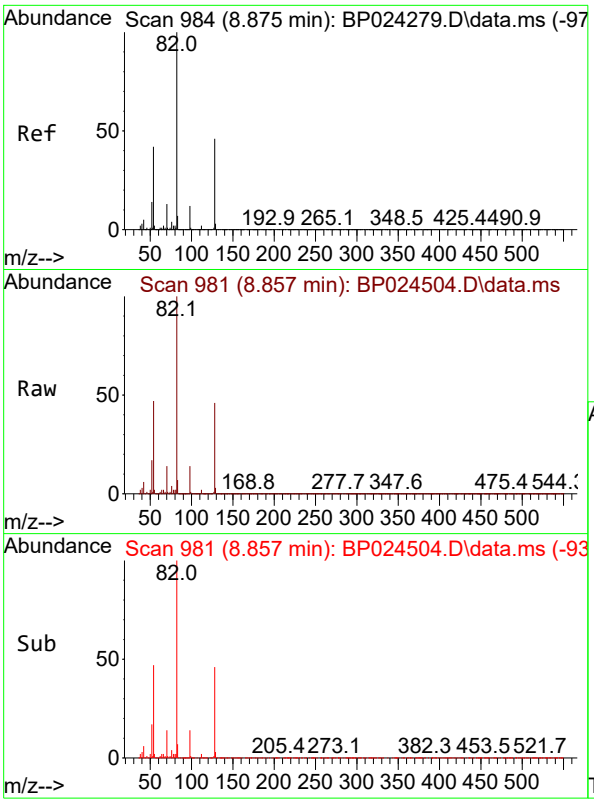


#22
Acetophenone
Concen: 38.912 ng
RT: 8.522 min Scan# 924
Delta R.T. -0.018 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:105 Resp: 529415

Ion	Ratio	Lower	Upper
105	100		
71	2.2	1.7	2.5
51	24.5	16.9	25.3
120	22.4	18.6	28.0



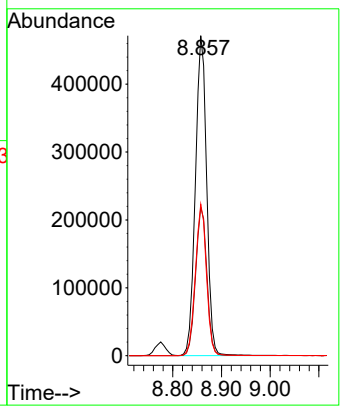


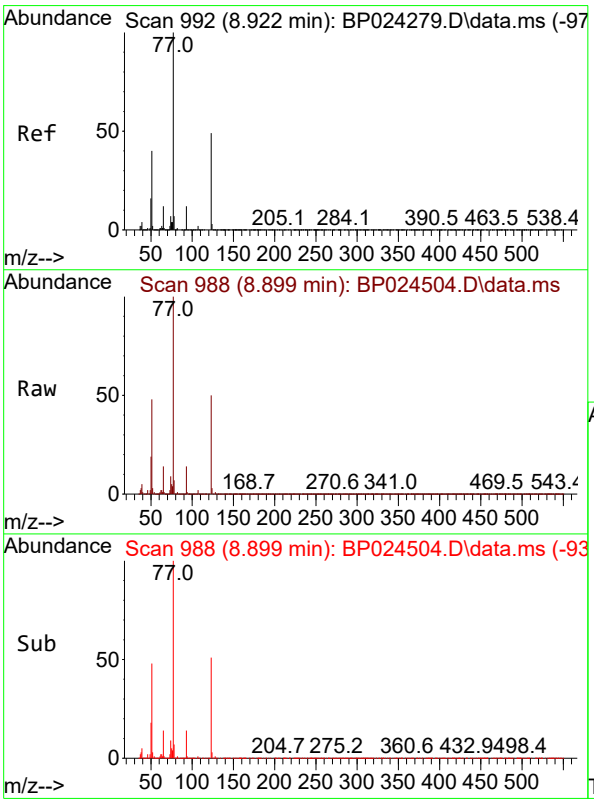
#23
Nitrobenzene-d5
Concen: 78.887 ng
RT: 8.857 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 760502

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.5	54.7
54	47.3	33.4	50.2

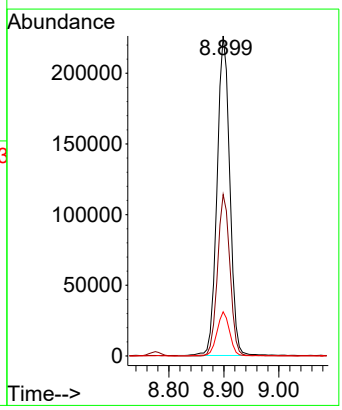


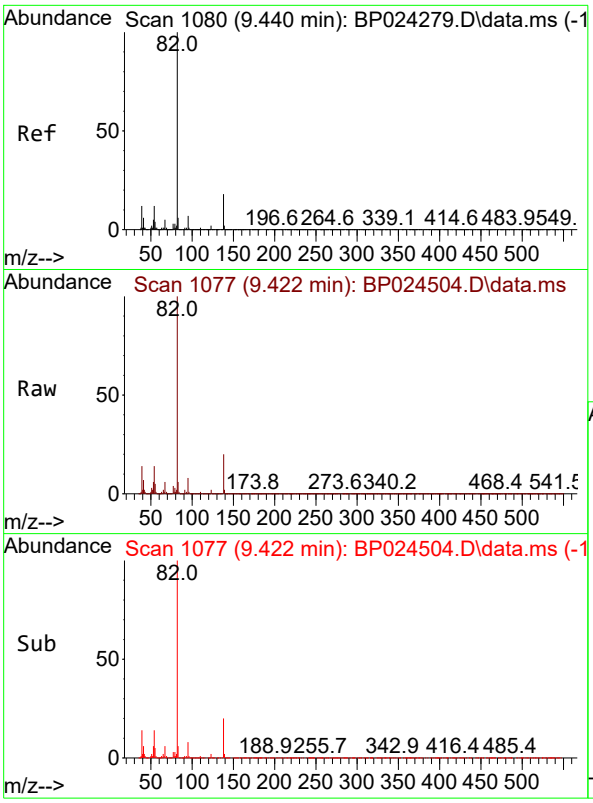


#24
Nitrobenzene
Concen: 38.147 ng
RT: 8.899 min Scan# 988
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion: 77 Resp: 363801

Ion	Ratio	Lower	Upper
77	100		
123	50.4	39.2	58.8
65	13.8	9.8	14.6



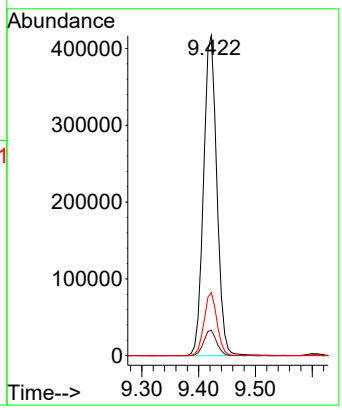


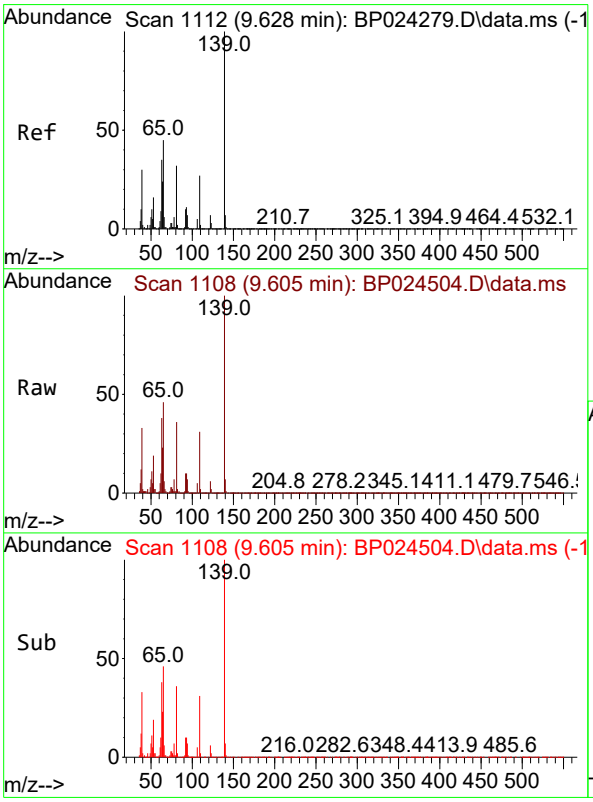
#25
Isophorone
Concen: 38.644 ng
RT: 9.422 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 674324

Ion	Ratio	Lower	Upper
82	100		
95	7.9	5.4	8.2
138	19.7	14.4	21.6

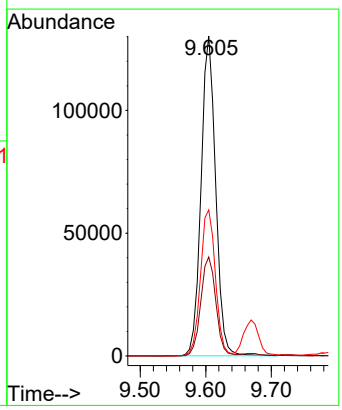


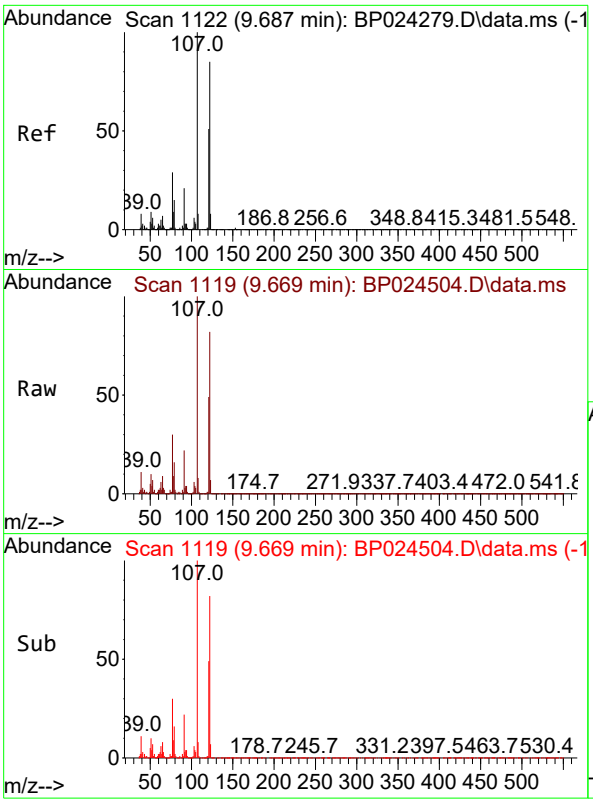


#26
2-Nitrophenol
Concen: 43.264 ng
RT: 9.605 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:139 Resp: 201915

Ion	Ratio	Lower	Upper
139	100		
109	31.0	21.8	32.6
65	45.7	36.2	54.2



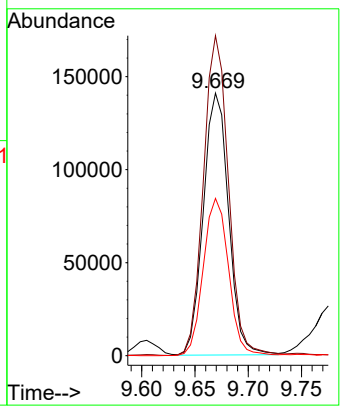


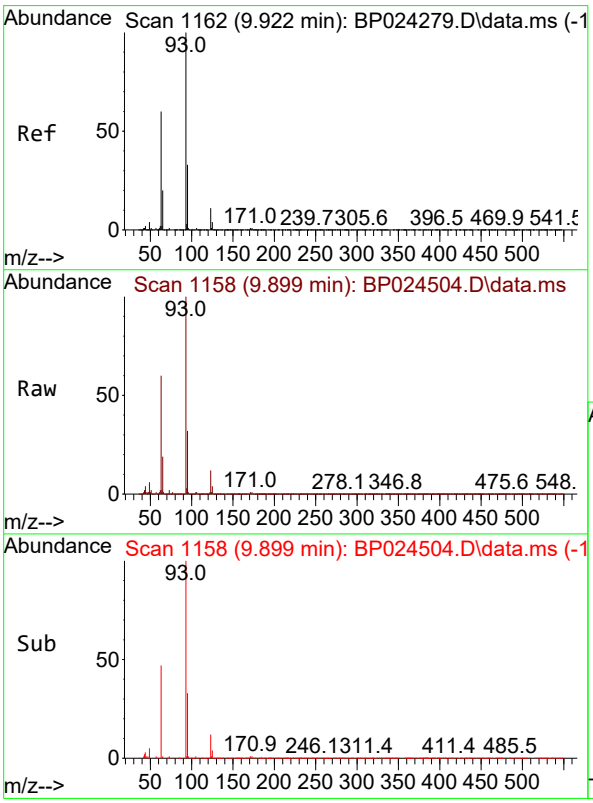
#27
2,4-Dimethylphenol
Concen: 39.697 ng
RT: 9.669 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 232627

Ion	Ratio	Lower	Upper
122	100		
107	121.9	93.7	140.5
121	59.9	48.2	72.2

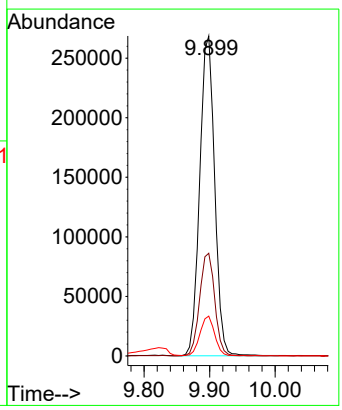


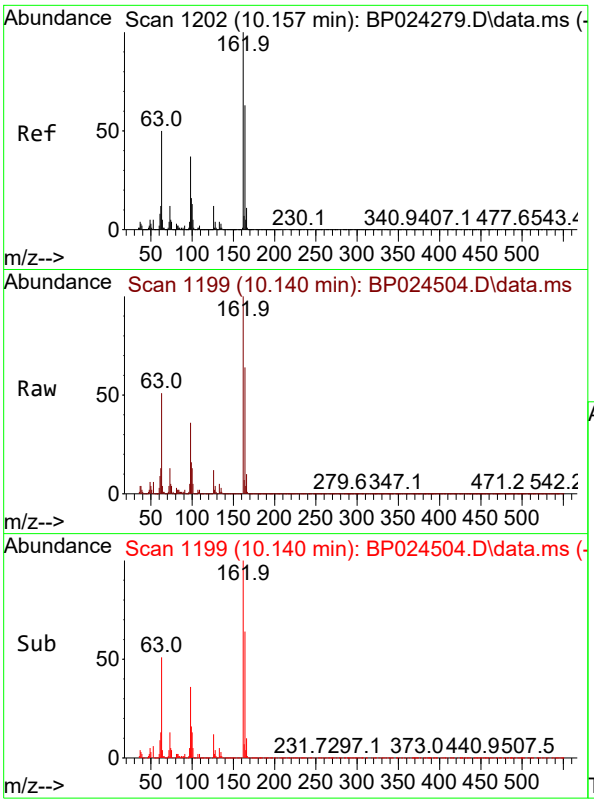


#28
bis(2-Chloroethoxy)methane
Concen: 36.201 ng
RT: 9.899 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion: 93 Resp: 426741

Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.0	39.0
123	12.4	9.1	13.7



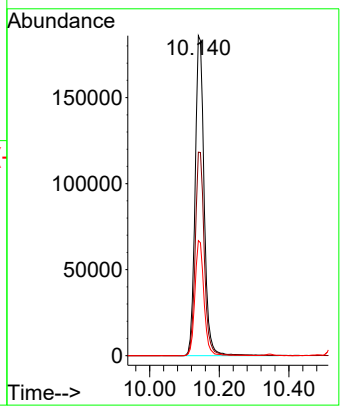


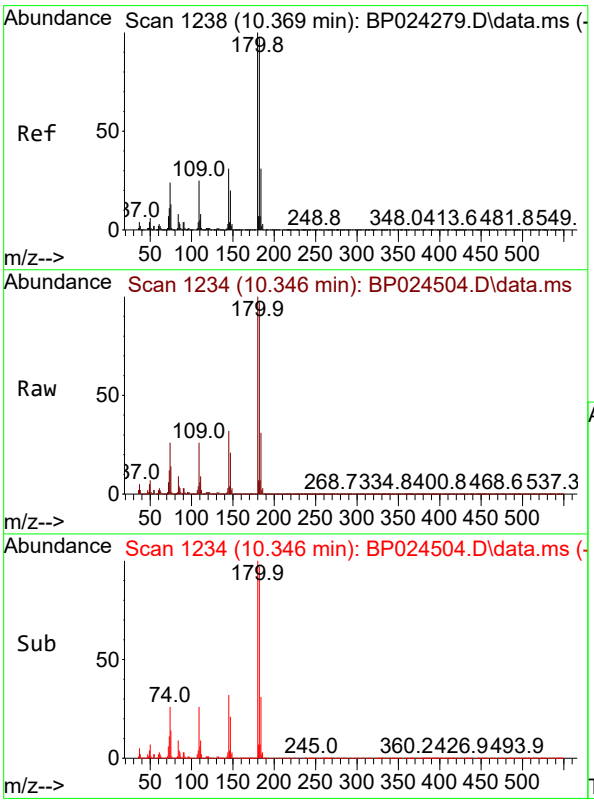
#29
2,4-Dichlorophenol
Concen: 41.885 ng
RT: 10.140 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 334667

Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.3	83.3
98	35.9	16.6	56.6

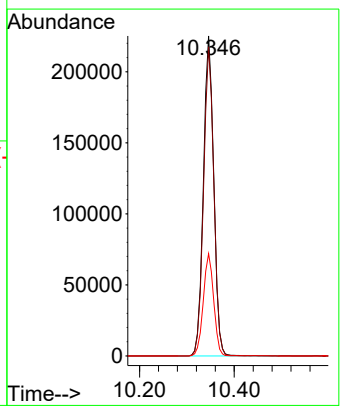


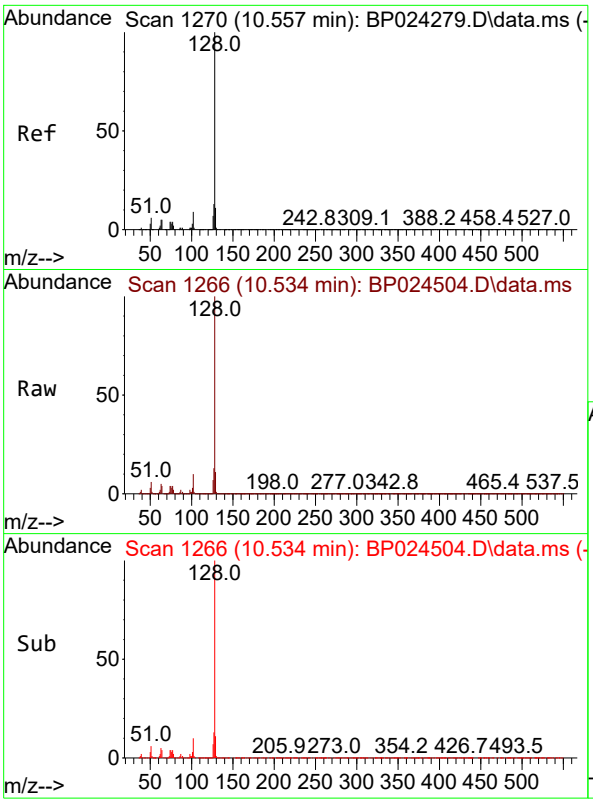


#30
1,2,4-Trichlorobenzene
Concen: 39.892 ng
RT: 10.346 min Scan# 1234
Delta R.T. -0.018 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:180 Resp: 341508

Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.3	115.9
145	31.9	25.1	37.7



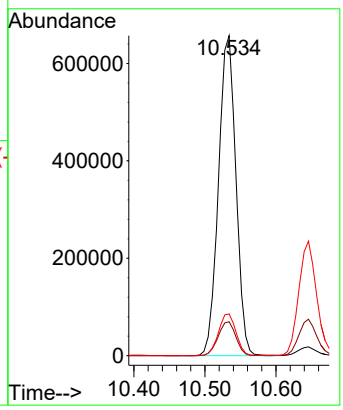


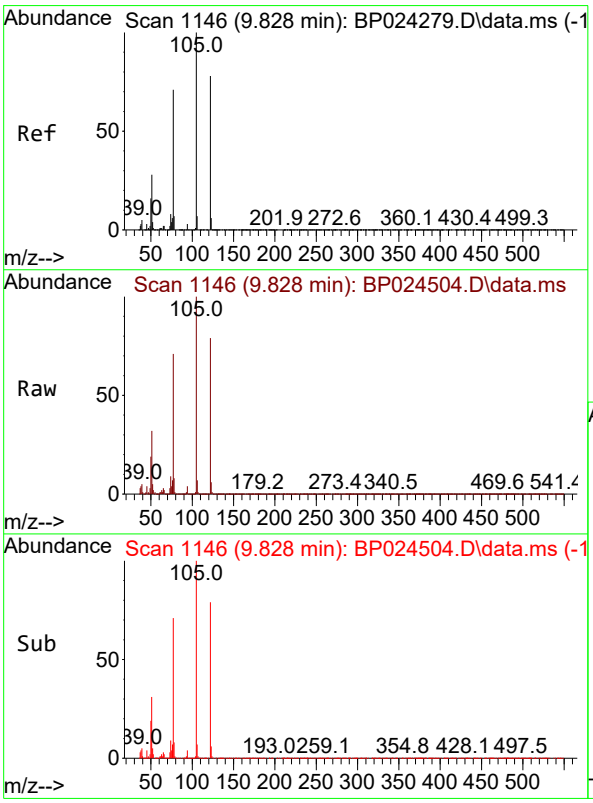
#31
Naphthalene
Concen: 38.570 ng
RT: 10.534 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1116853

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	13.0
127	13.0	10.3	15.5

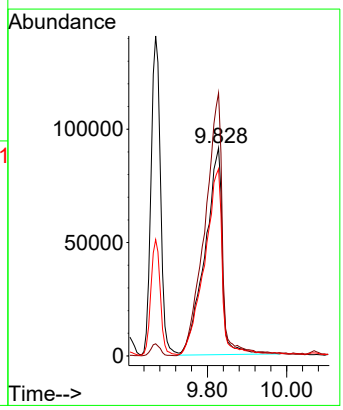


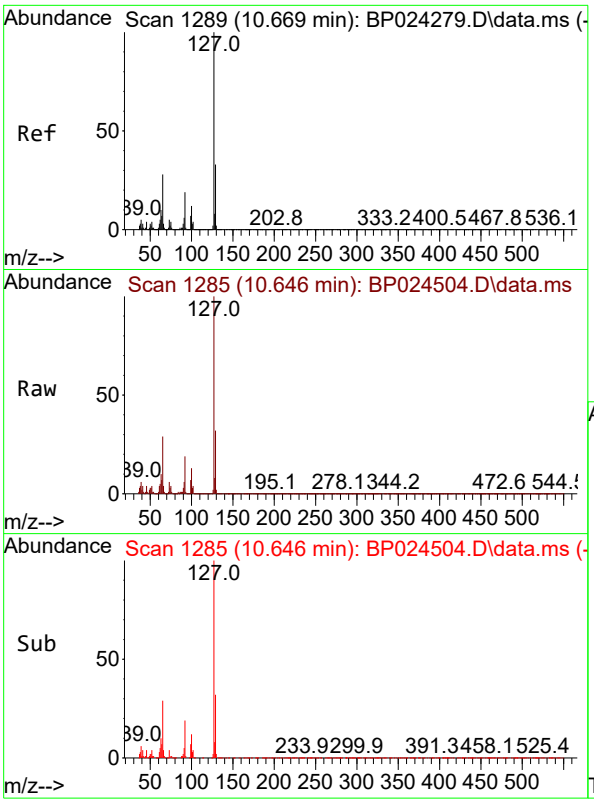


#32
Benzoic acid
Concen: 40.608 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:122 Resp: 277285

Ion	Ratio	Lower	Upper
122	100		
105	126.5	104.8	144.8
77	90.0	69.2	109.2



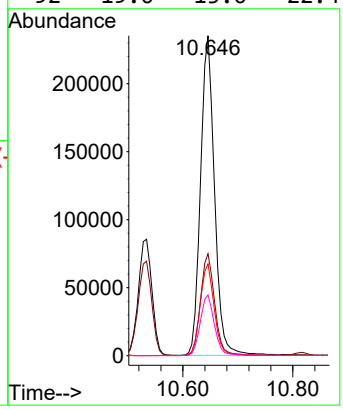


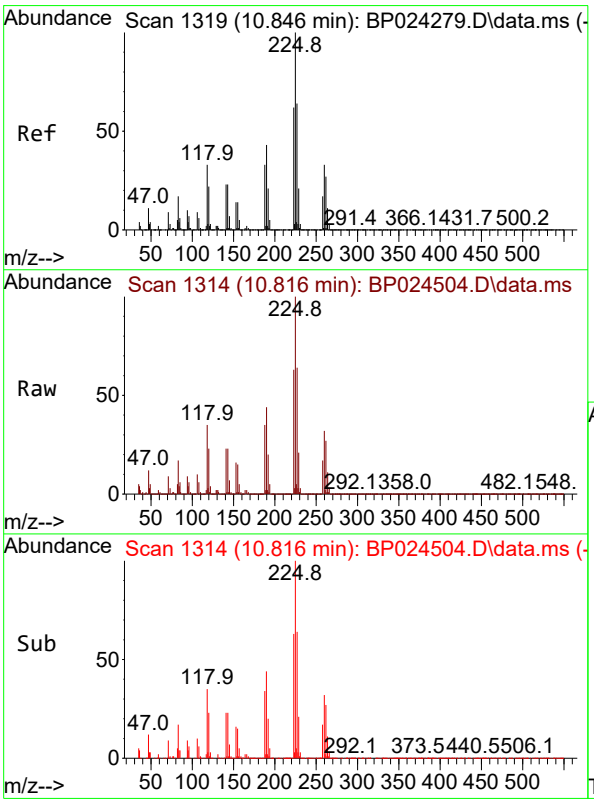
#33
4-Chloroaniline
Concen: 40.796 ng
RT: 10.646 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 416010

Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.1	39.1
65	28.7	22.1	33.1
92	19.0	15.0	22.4

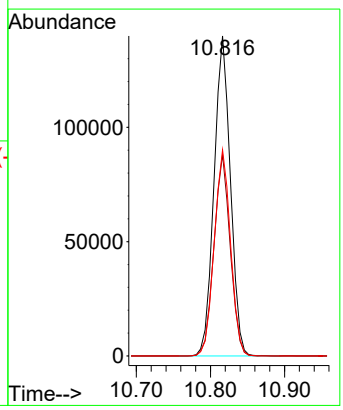


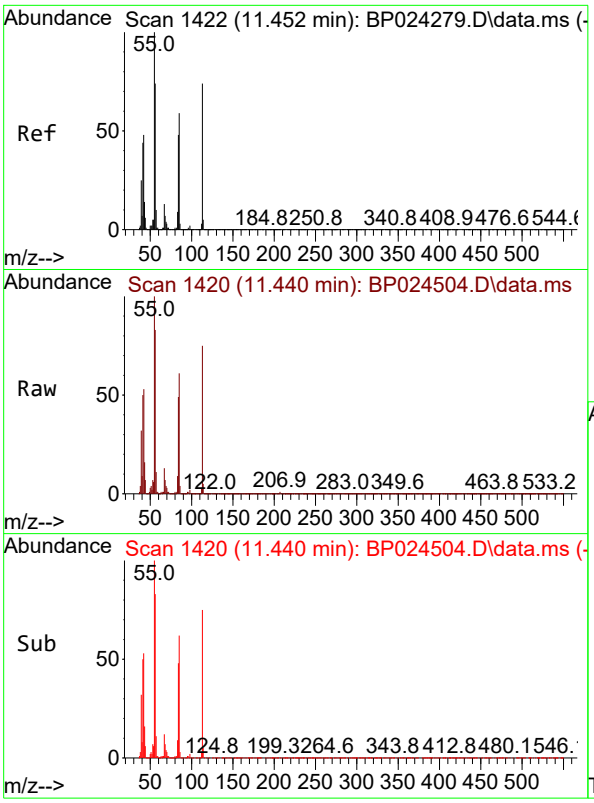


#34
Hexachlorobutadiene
Concen: 42.660 ng
RT: 10.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:225 Resp: 214609

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.5	74.3
227	64.4	50.9	76.3



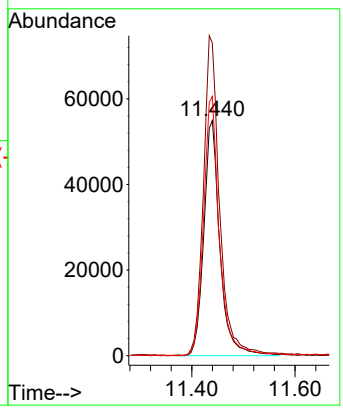


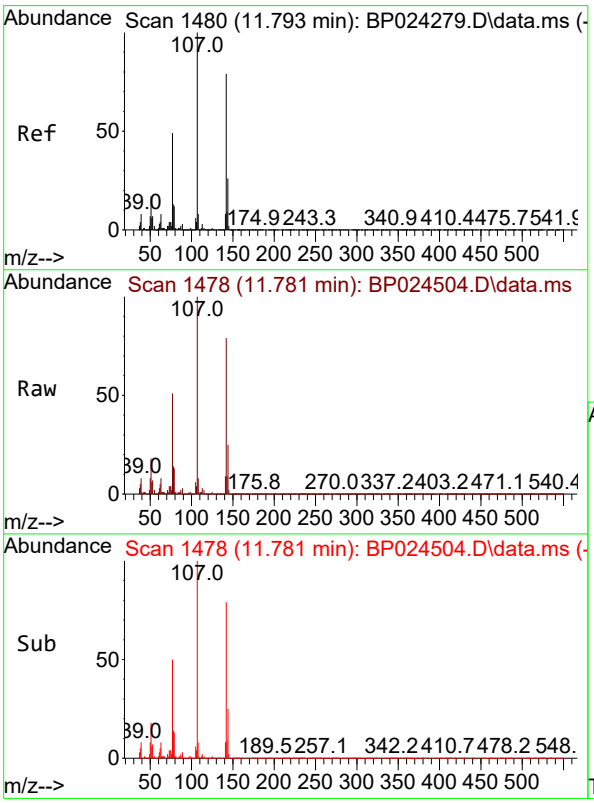
#35
Caprolactam
Concen: 40.086 ng
RT: 11.440 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 118182

Ion	Ratio	Lower	Upper
113	100		
55	133.1	115.9	155.9
56	110.4	81.1	121.1

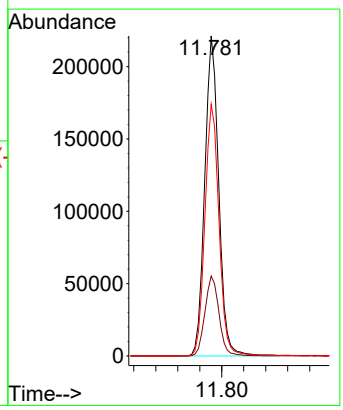


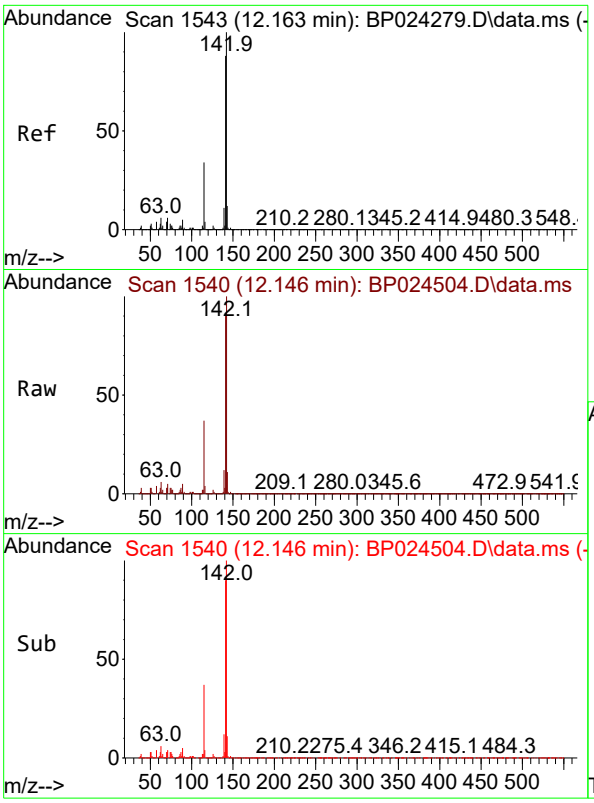


#36
4-Chloro-3-methylphenol
Concen: 41.961 ng
RT: 11.781 min Scan# 1478
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:107 Resp: 390524

Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.5	30.7
142	78.7	63.4	95.2



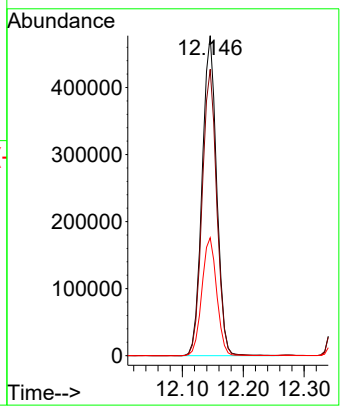


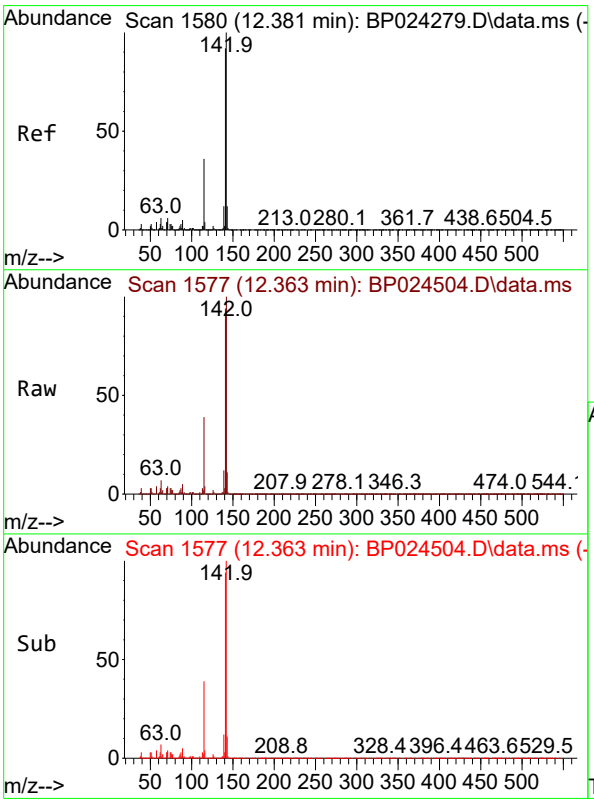
#37
2-Methylnaphthalene
Concen: 39.394 ng
RT: 12.146 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 791105

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.3	105.5
115	36.9	26.9	40.3

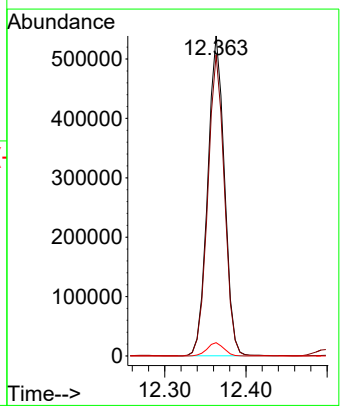


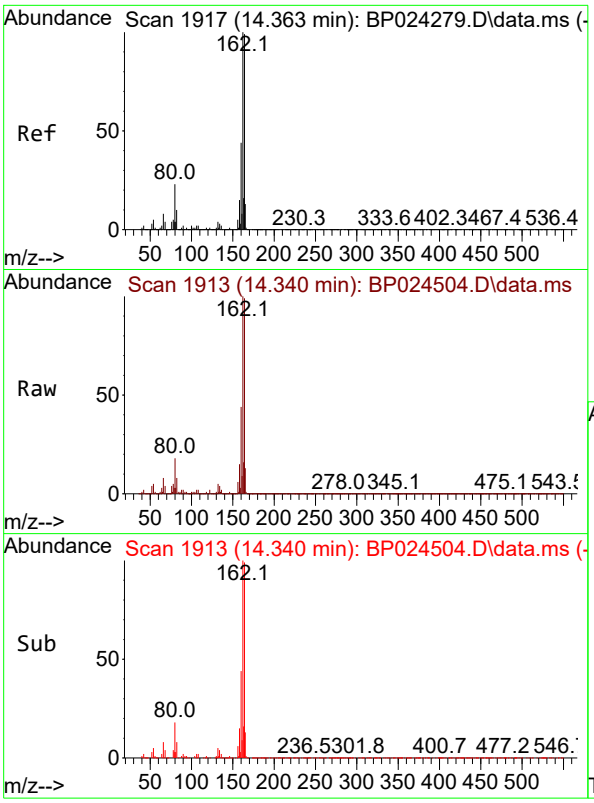


#38
1-Methylnaphthalene
Concen: 39.233 ng
RT: 12.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:142 Resp: 770760

Ion	Ratio	Lower	Upper
142	100		
141	94.1	73.6	110.4
116	4.2	3.0	4.6



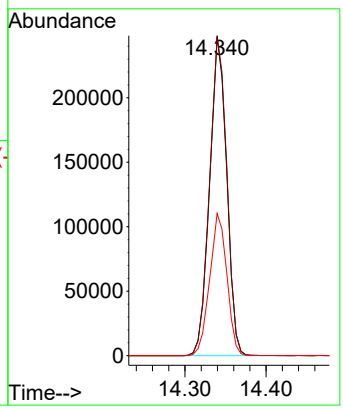


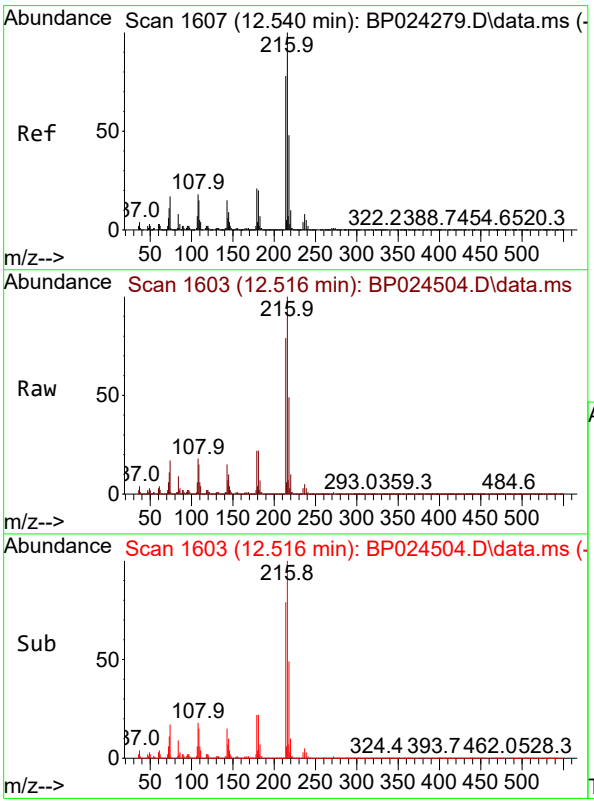
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 360102

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.6	120.8
160	44.7	35.3	52.9

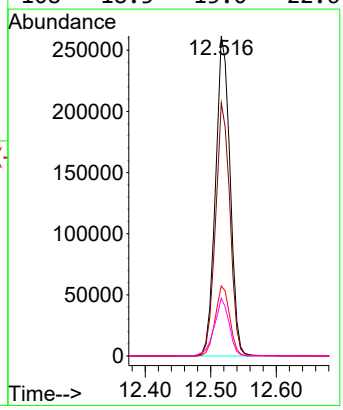


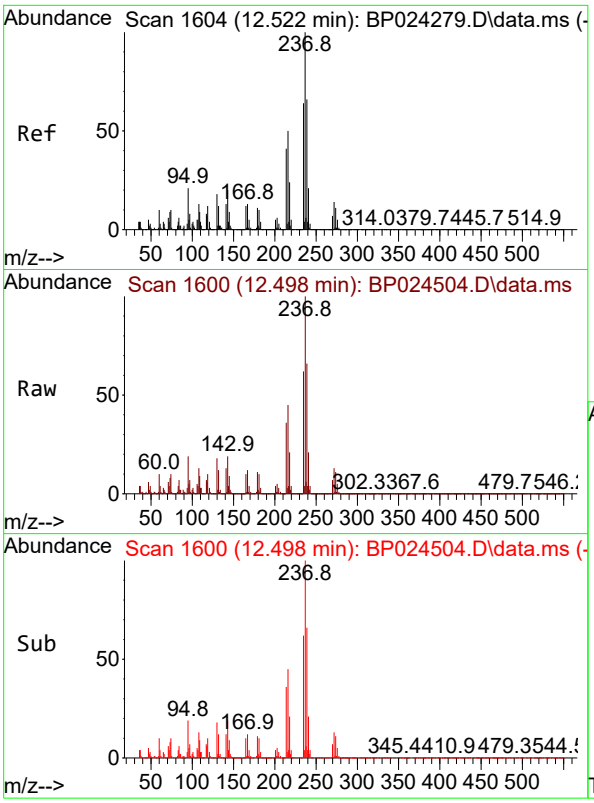


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.512 ng
RT: 12.516 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:216 Resp: 401182

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.6	93.8
179	21.9	17.2	25.8
108	18.5	15.0	22.6



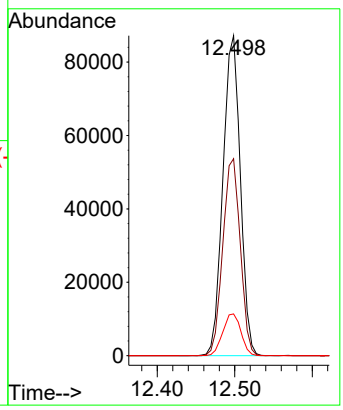


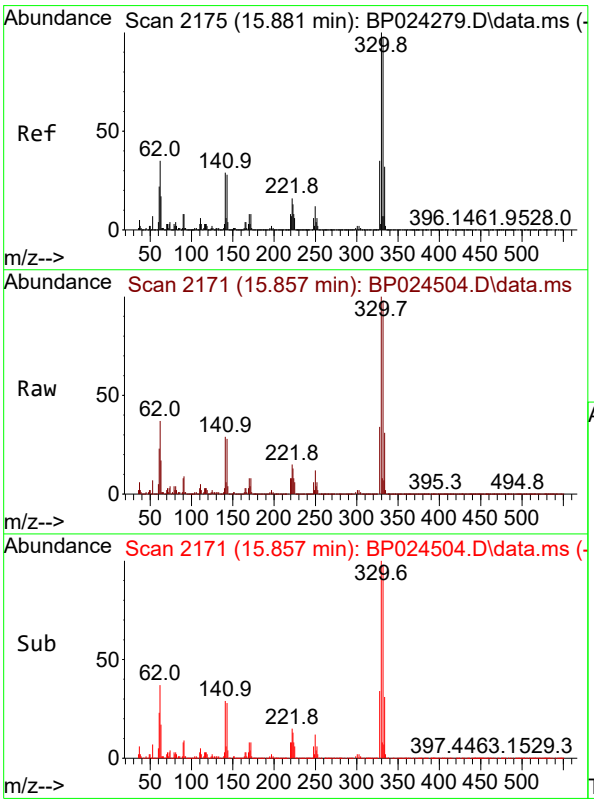
#41
Hexachlorocyclopentadiene
Concen: 38.800 ng
RT: 12.498 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 135891

Ion	Ratio	Lower	Upper
237	100		
235	61.5	43.9	83.9
272	13.1	0.0	33.6

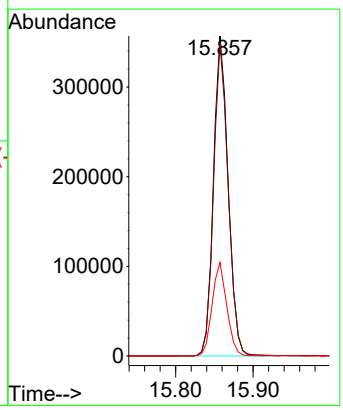


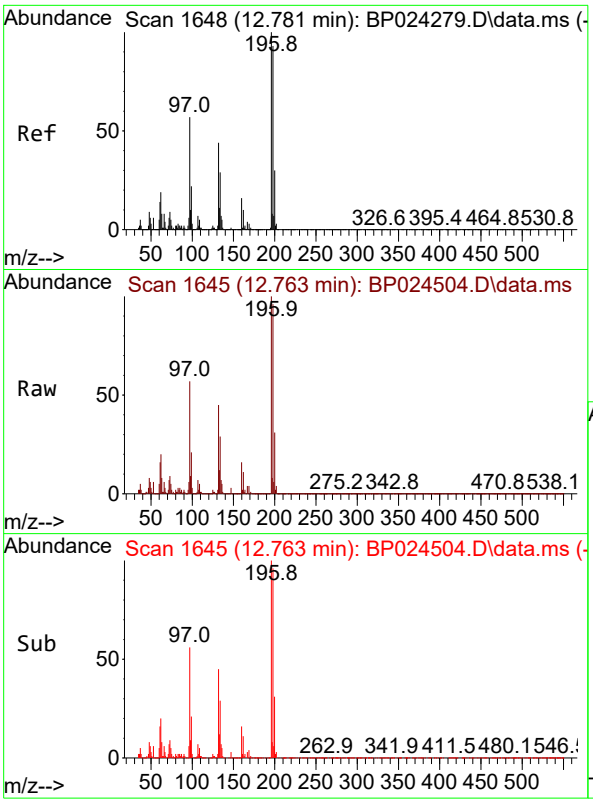


#42
2,4,6-Tribromophenol
Concen: 94.290 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:330 Resp: 469770

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	29.1	24.7	37.1



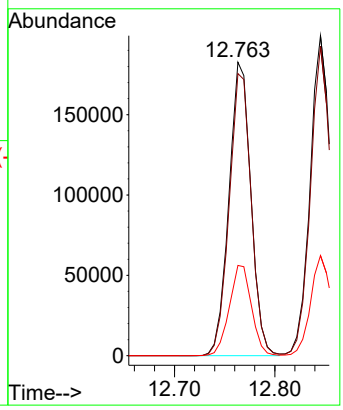


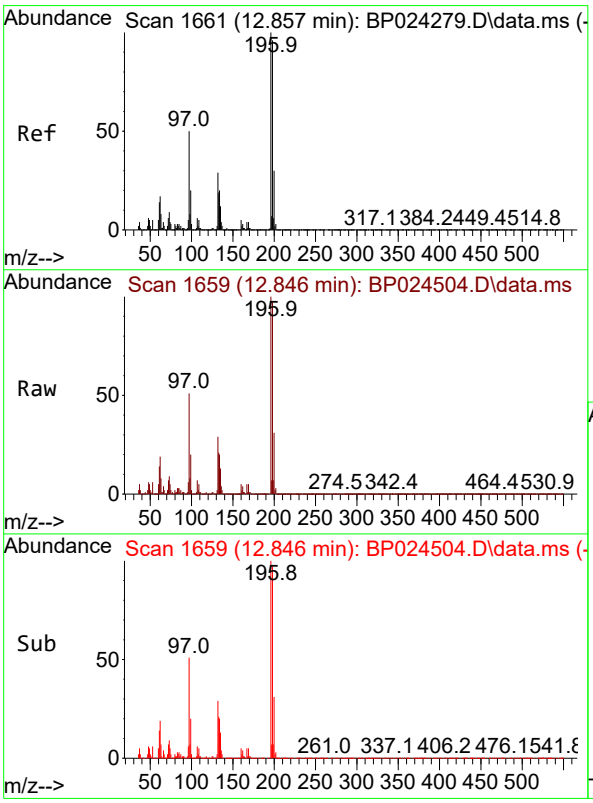
#43
2,4,6-Trichlorophenol
Concen: 42.268 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 278292

Ion	Ratio	Lower	Upper
196	100		
198	96.2	74.3	111.5
200	30.7	24.0	36.0

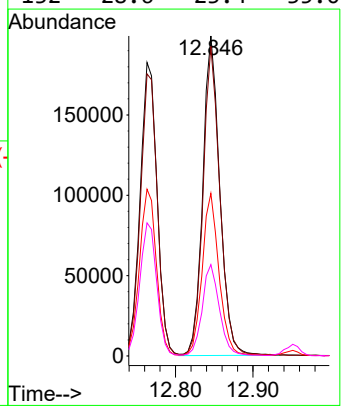


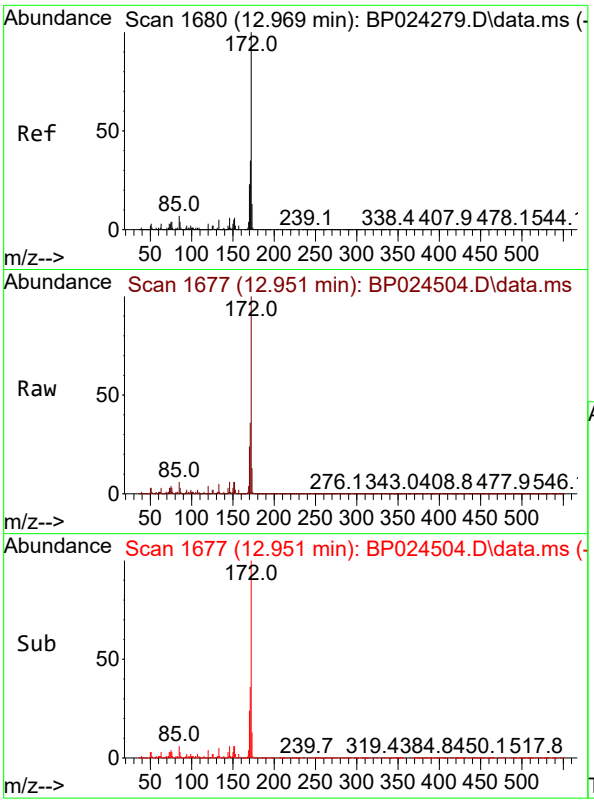


#44
2,4,5-Trichlorophenol
Concen: 41.686 ng
RT: 12.846 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:196 Resp: 303927

Ion	Ratio	Lower	Upper
196	100		
198	96.8	77.3	115.9
97	50.8	40.4	60.6
132	28.6	23.4	35.0



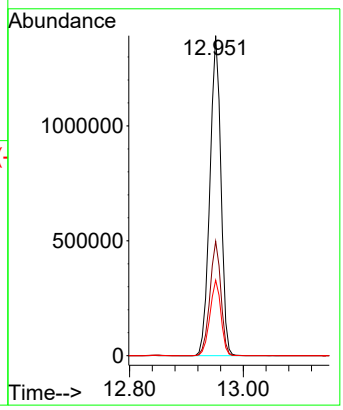


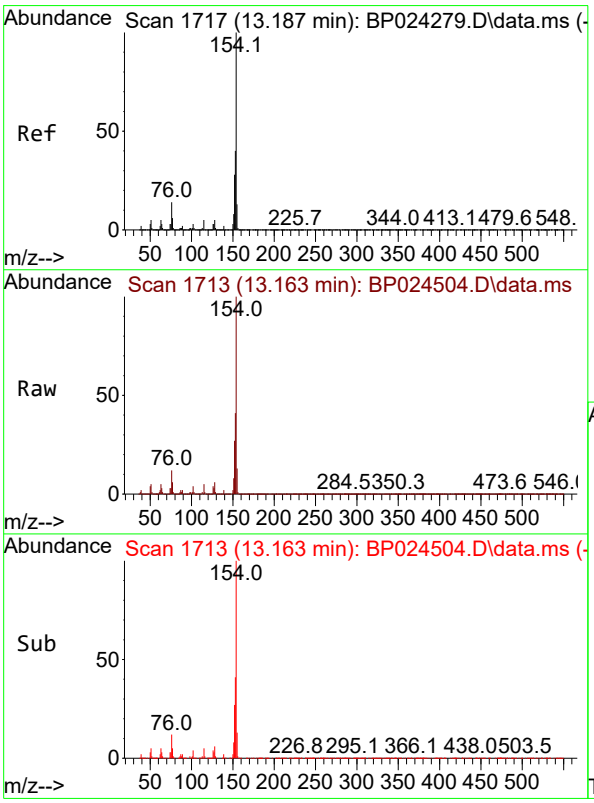
#45
2-Fluorobiphenyl
Concen: 79.274 ng
RT: 12.951 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1864450

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.2
170	23.6	18.6	27.8

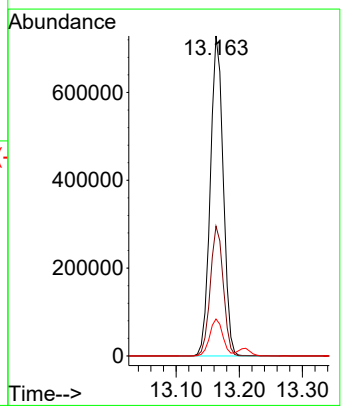


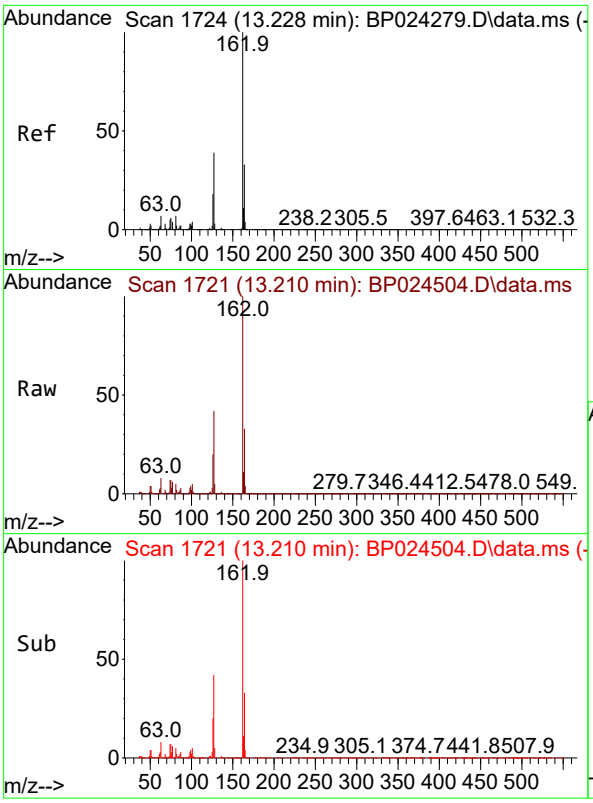


#46
1,1'-Biphenyl
Concen: 39.073 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:154 Resp: 1034228

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.3	60.3
76	11.6	0.0	33.5



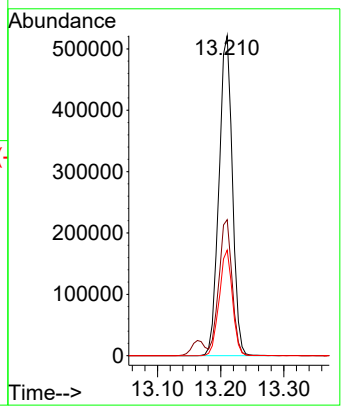


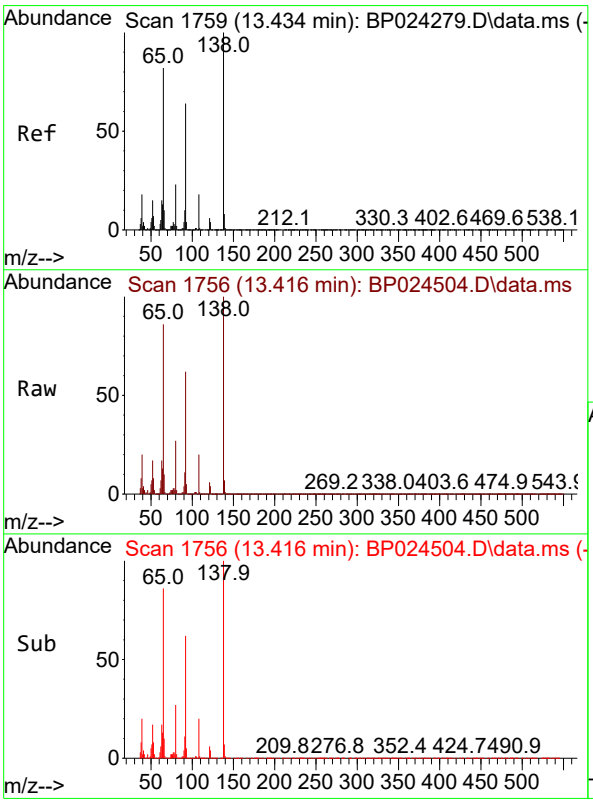
#47
2-Chloronaphthalene
Concen: 39.032 ng
RT: 13.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 772166

Ion	Ratio	Lower	Upper
162	100		
127	42.5	31.9	47.9
164	33.0	26.2	39.4

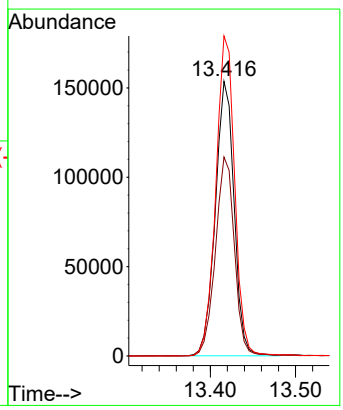


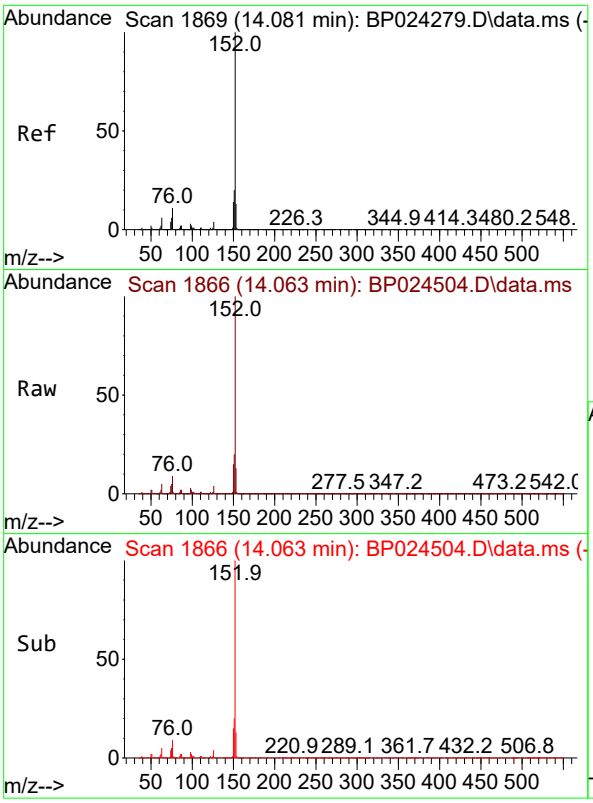


#48
2-Nitroaniline
Concen: 42.491 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion: 65 Resp: 235791

Ion	Ratio	Lower	Upper
65	100		
92	72.4	62.3	93.5
138	116.5	97.2	145.8



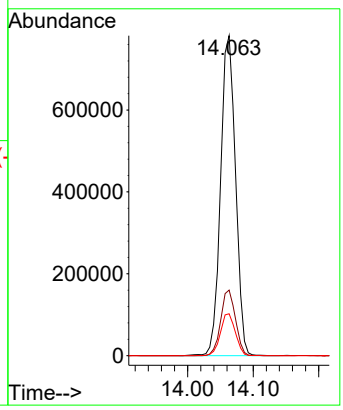


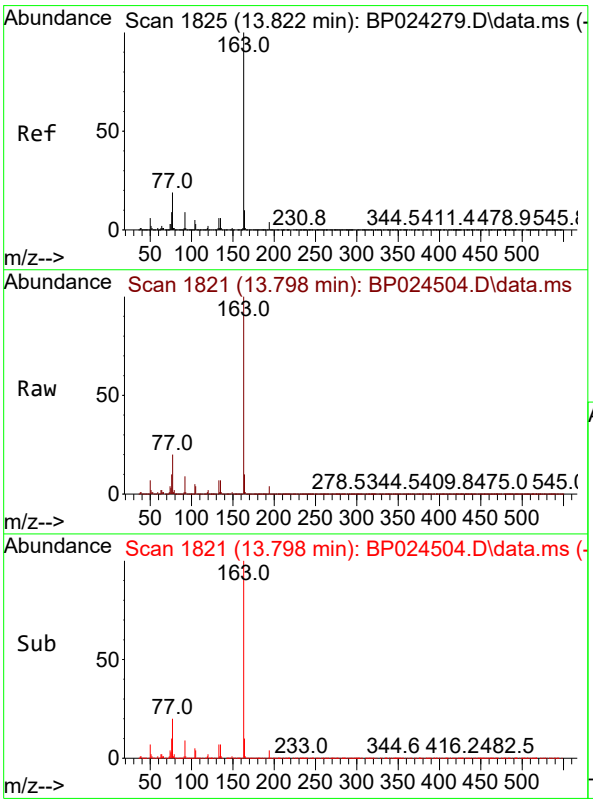
#49
Acenaphthylene
Concen: 39.617 ng
RT: 14.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 1233927

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.9	23.9
153	13.1	10.6	15.8

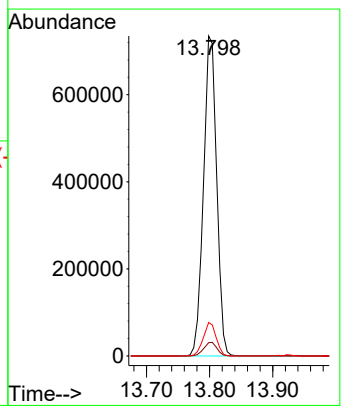


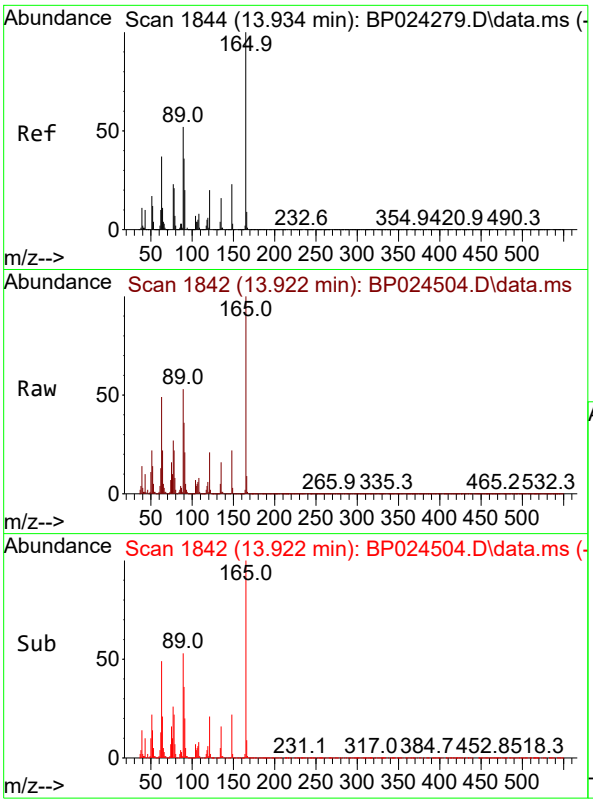


#50
Dimethylphthalate
Concen: 40.659 ng
RT: 13.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:163 Resp: 1064739

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.5	8.0	12.0



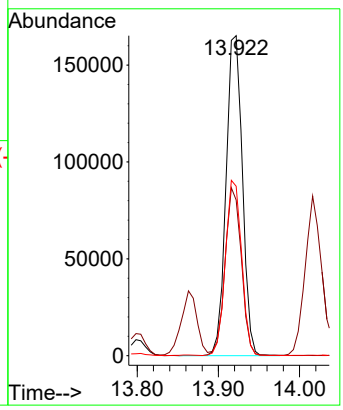


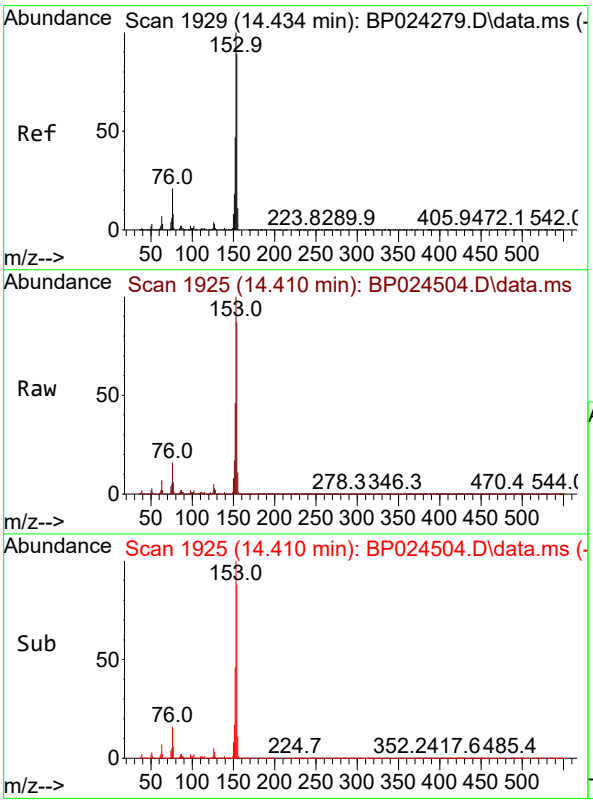
#51
2,6-Dinitrotoluene
Concen: 41.613 ng
RT: 13.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 231402

Ion	Ratio	Lower	Upper
165	100		
63	48.7	38.0	57.0
89	53.0	41.7	62.5

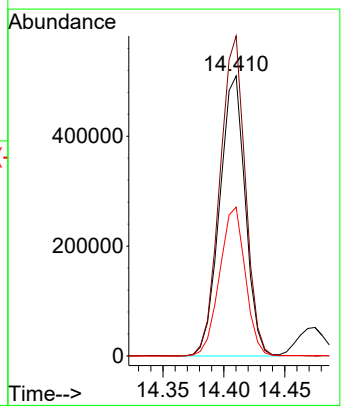


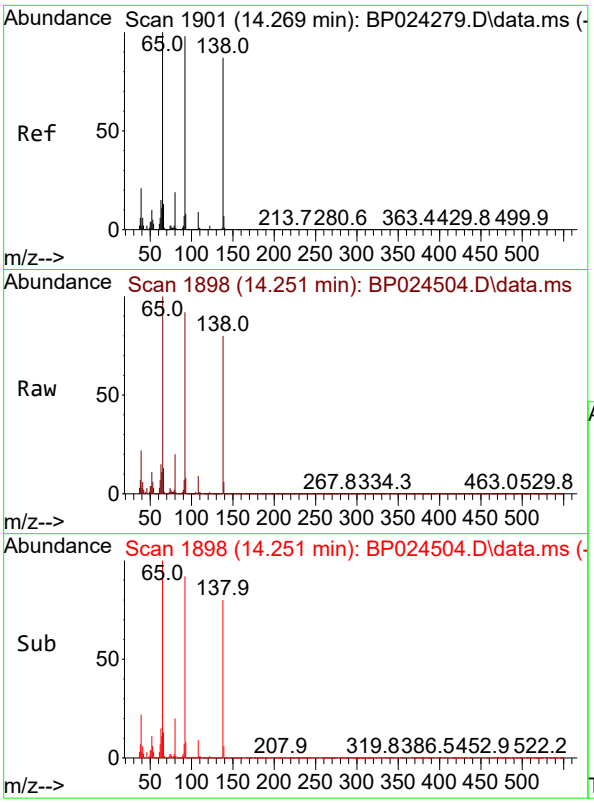


#52
Acenaphthene
Concen: 37.785 ng
RT: 14.410 min Scan# 1925
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:154 Resp: 746098

Ion	Ratio	Lower	Upper
154	100		
153	114.3	89.8	134.6
152	53.1	42.6	63.8



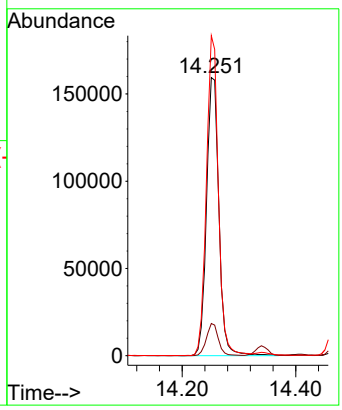


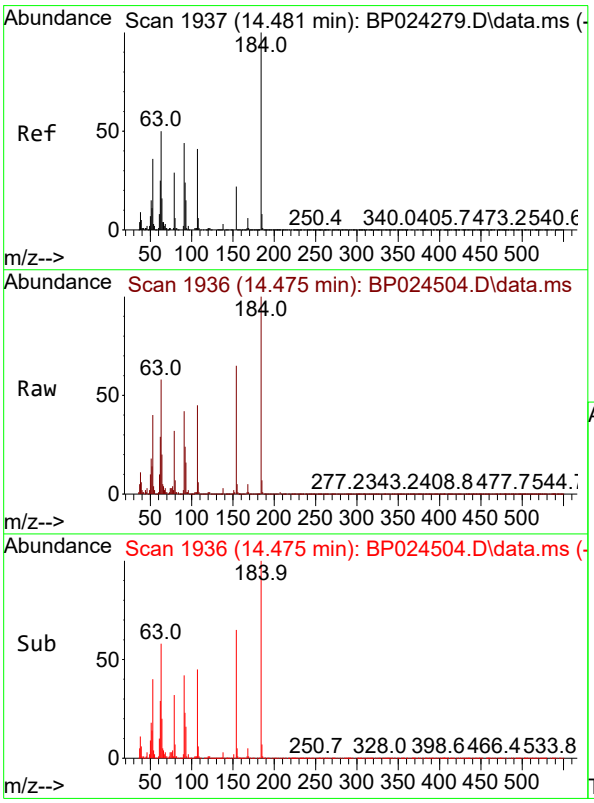
#53
3-Nitroaniline
Concen: 41.159 ng
RT: 14.251 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 240556

Ion	Ratio	Lower	Upper
138	100		
108	11.6	8.3	12.5
92	115.1	89.8	134.8

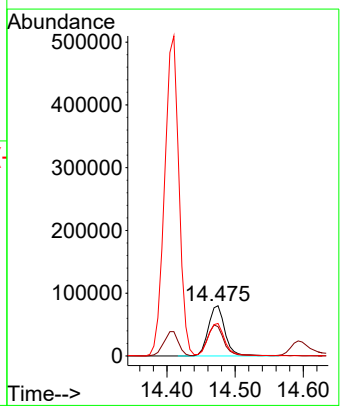


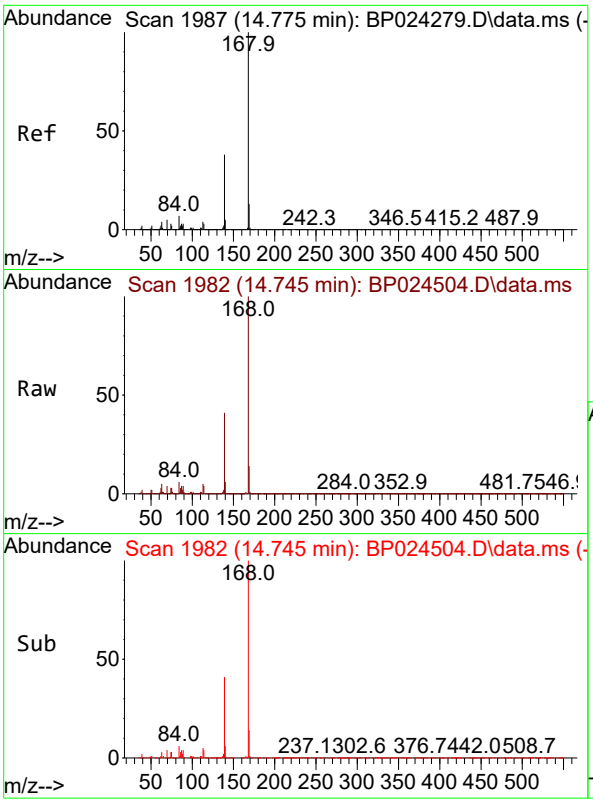


#54
2,4-Dinitrophenol
Concen: 41.496 ng
RT: 14.475 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:184 Resp: 135922

Ion	Ratio	Lower	Upper
184	100		
63	58.3	42.6	64.0
154	64.7	47.2	70.8



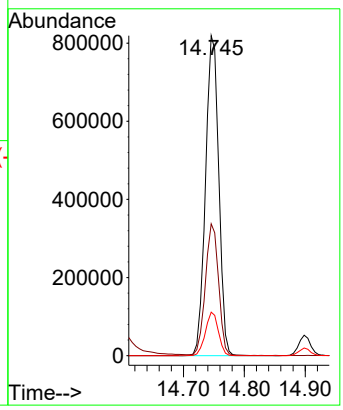


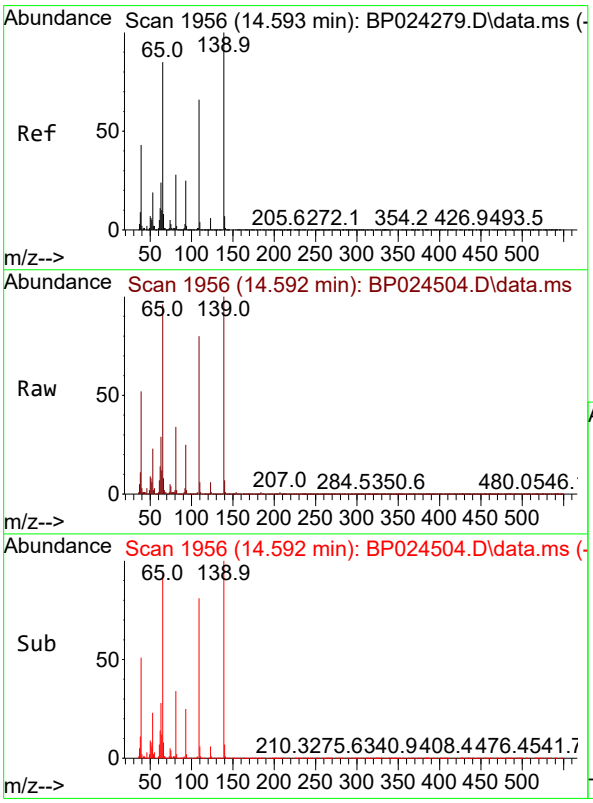
#55
Dibenzofuran
Concen: 38.383 ng
RT: 14.745 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1238864

Ion	Ratio	Lower	Upper
168	100		
139	41.2	30.3	45.5
169	13.6	10.6	16.0

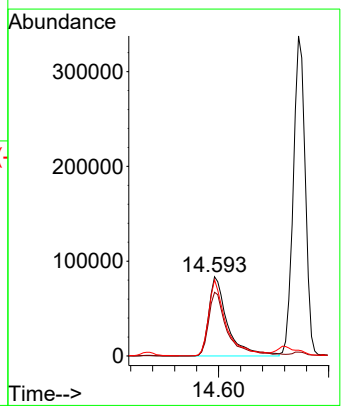


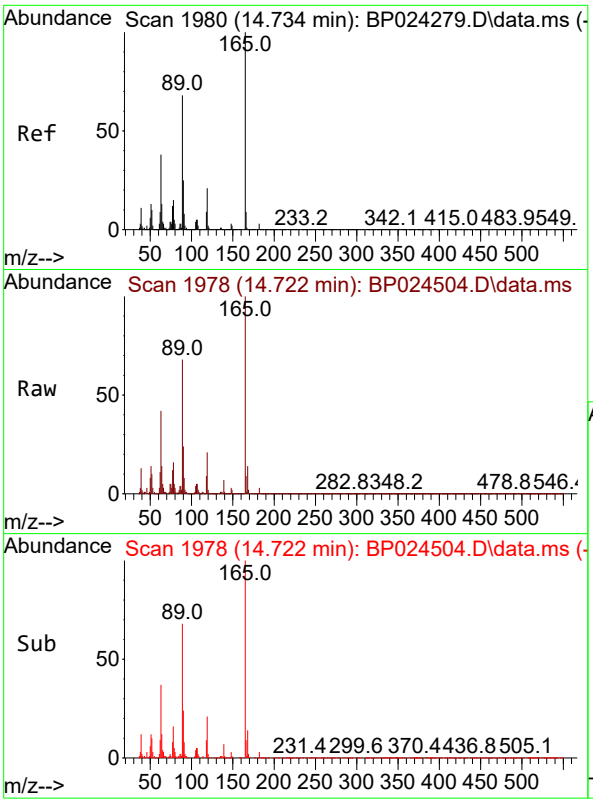


#56
4-Nitrophenol
Concen: 38.721 ng
RT: 14.592 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:139 Resp: 195448

Ion	Ratio	Lower	Upper
139	100		
109	80.4	46.1	86.1
65	96.2	65.0	105.0



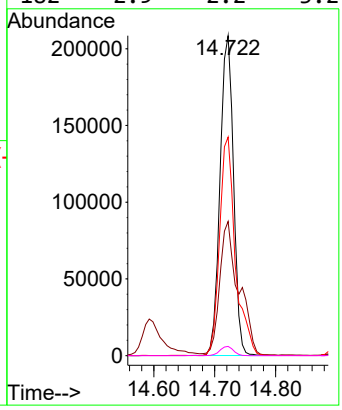


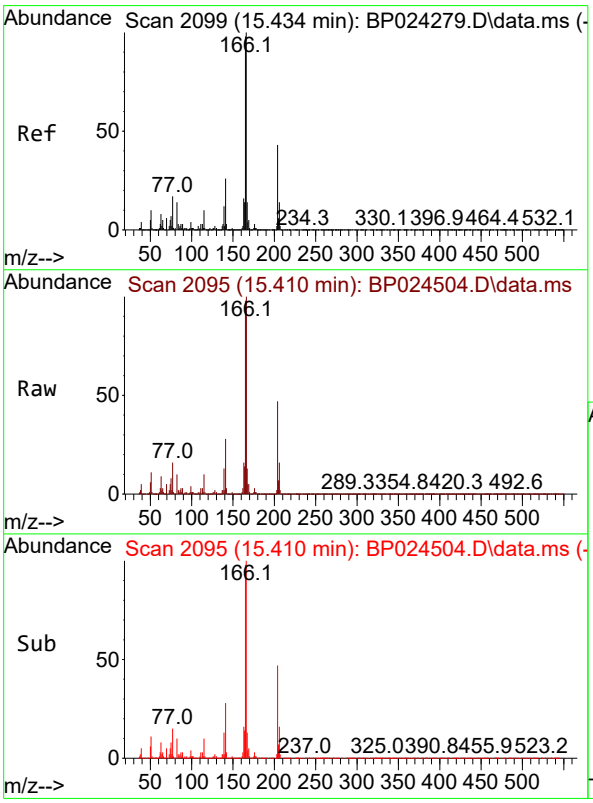
#57
2,4-Dinitrotoluene
Concen: 42.167 ng
RT: 14.722 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 319863

Ion	Ratio	Lower	Upper
165	100		
63	42.0	30.4	45.6
89	68.3	54.6	82.0
182	2.9	2.2	3.2

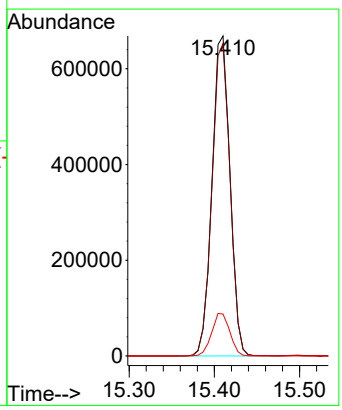


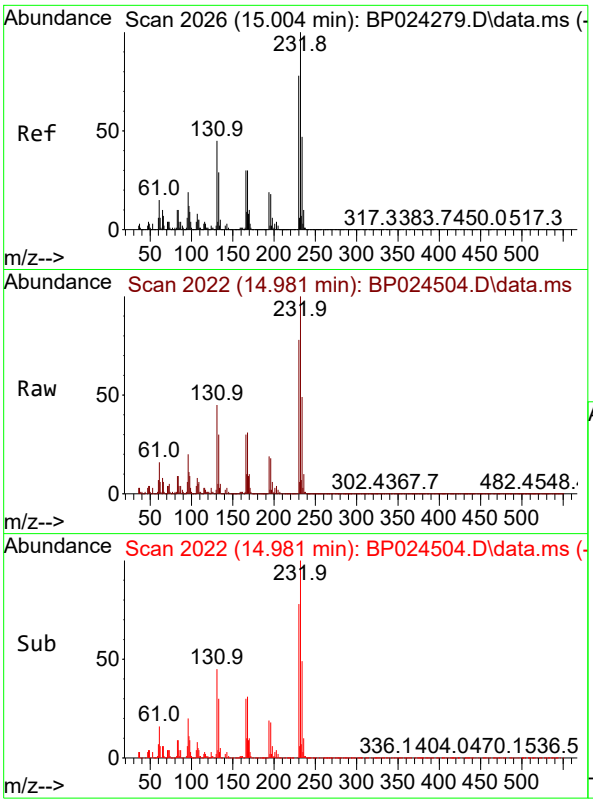


#58
Fluorene
Concen: 39.246 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:166 Resp: 980589

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.1	117.1
167	13.1	10.9	16.3



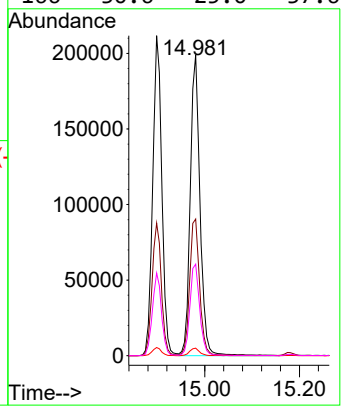


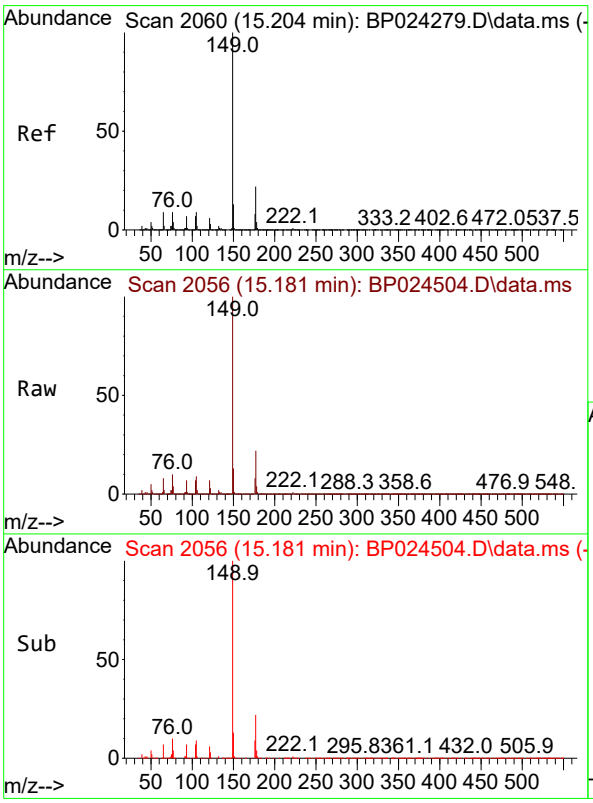
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.362 ng
RT: 14.981 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 284863

Ion	Ratio	Lower	Upper
232	100		
131	45.9	36.8	55.2
130	2.6	1.9	2.9
166	30.6	25.0	37.6

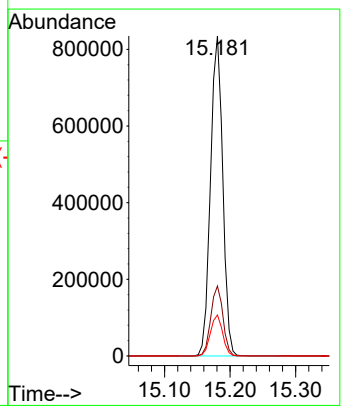


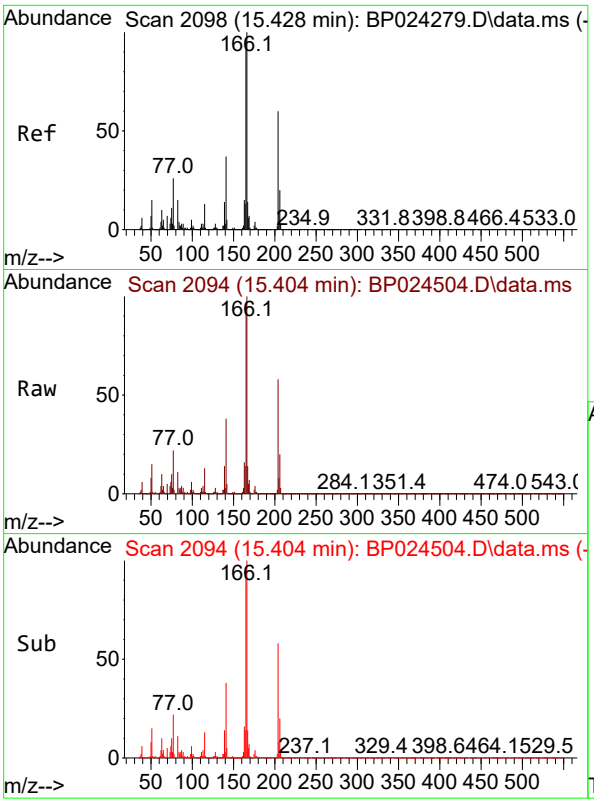


#60
Diethylphthalate
Concen: 40.198 ng
RT: 15.181 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:149 Resp: 1084810

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.4	26.2
150	12.8	10.1	15.1



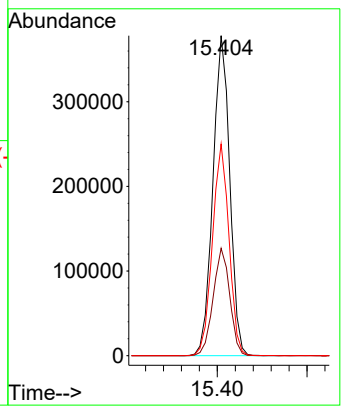


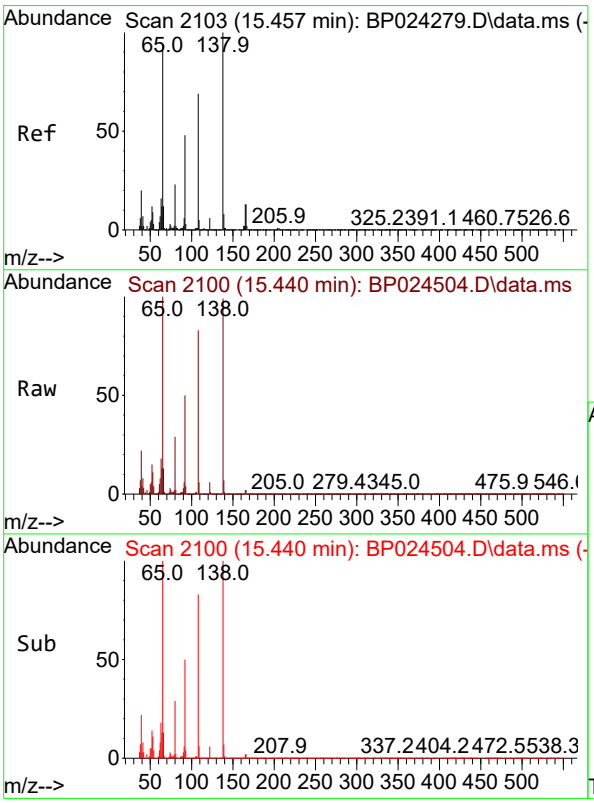
#61
4-Chlorophenyl-phenylether
Concen: 40.522 ng
RT: 15.404 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 491661

Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.5	39.7
141	66.1	49.4	74.0

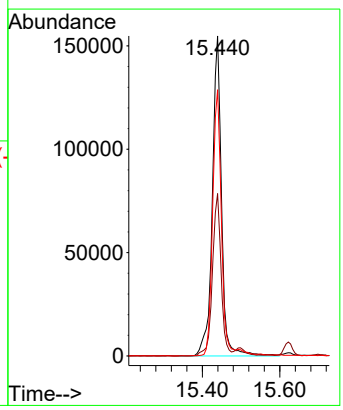


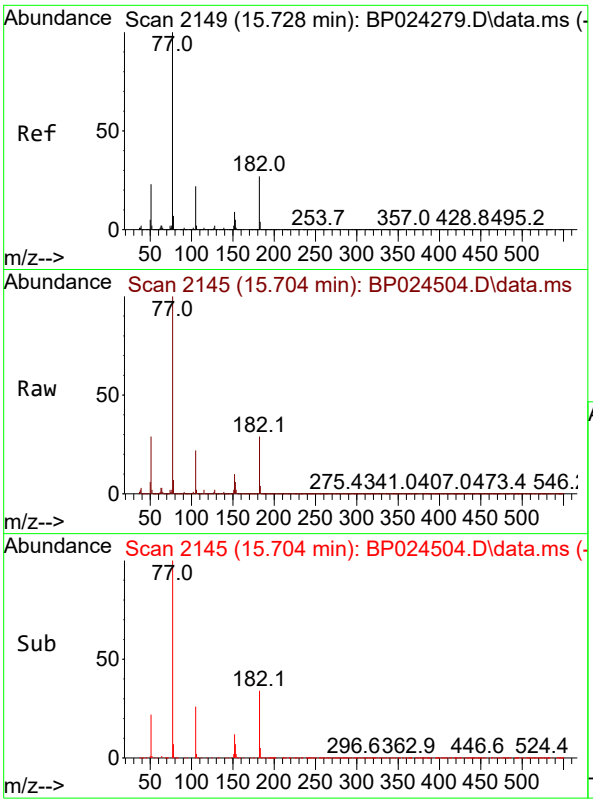


#62
4-Nitroaniline
Concen: 41.441 ng
RT: 15.440 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:138 Resp: 256396

Ion	Ratio	Lower	Upper
138	100		
92	50.7	27.8	67.8
108	83.2	48.9	88.9



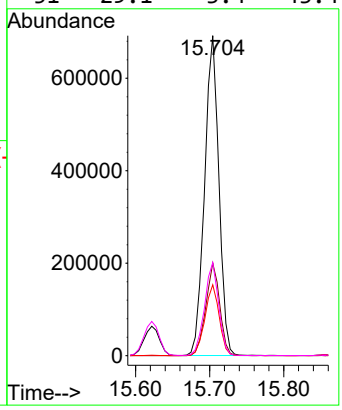


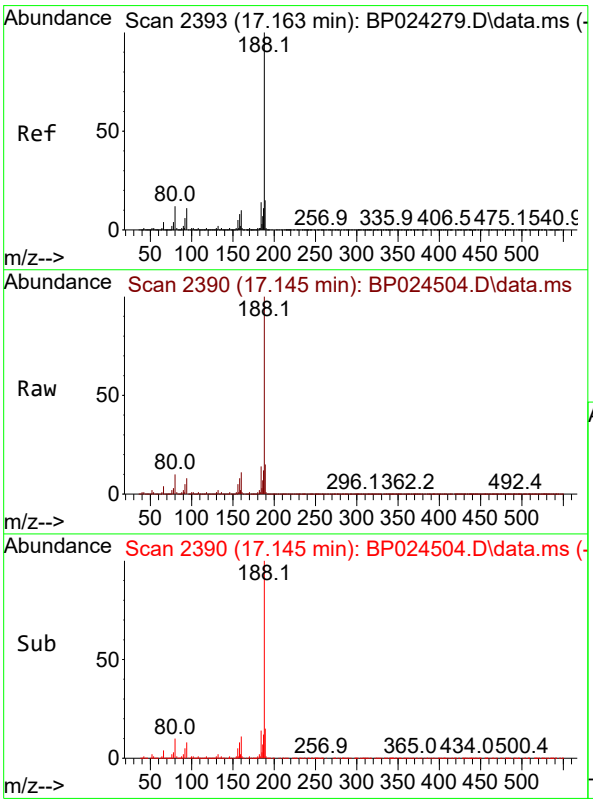
#63
Azobenzene
Concen: 37.356 ng
RT: 15.704 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 926557

Ion	Ratio	Lower	Upper
77	100		
182	28.9	7.3	47.3
105	22.2	2.3	42.3
51	29.1	3.4	43.4

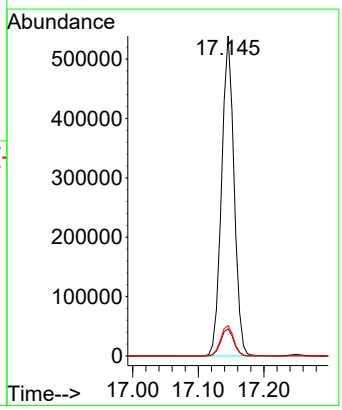


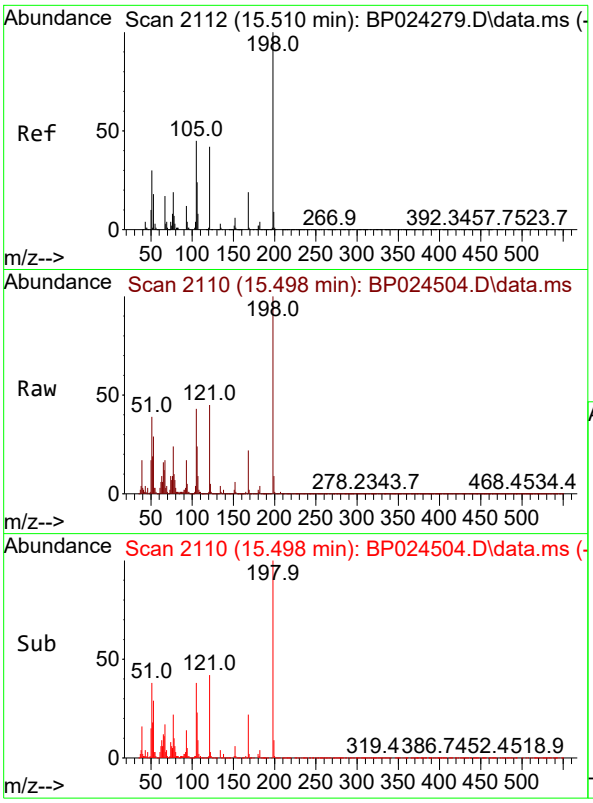


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:188 Resp: 708711

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.6	13.0#
80	9.5	9.8	14.6#



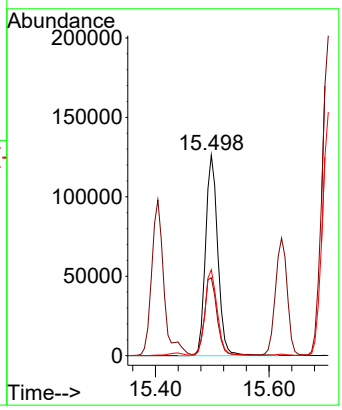


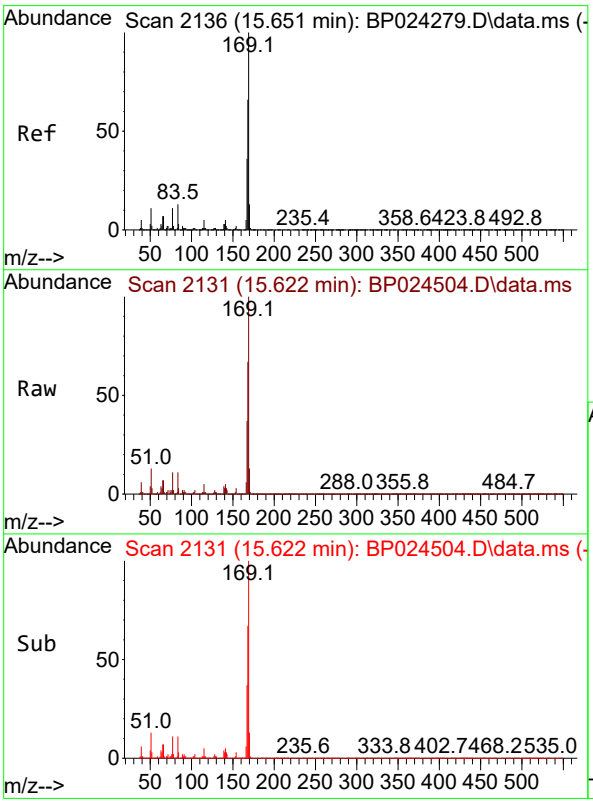
#65
4,6-Dinitro-2-methylphenol
Concen: 42.087 ng
RT: 15.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 188049

Ion	Ratio	Lower	Upper
198	100		
51	38.8	18.4	58.4
105	42.8	26.5	66.5

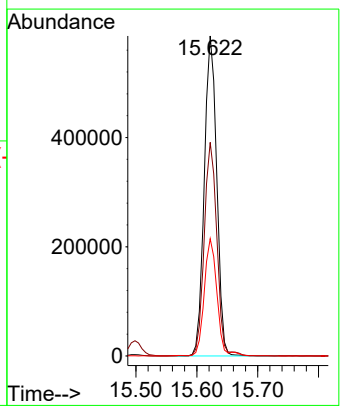


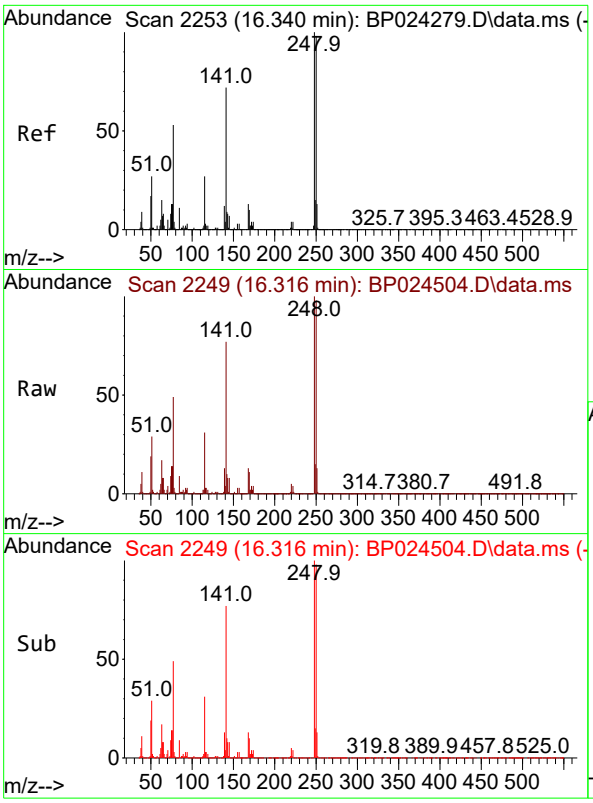


#66
n-Nitrosodiphenylamine
Concen: 39.275 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:169 Resp: 830796

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.0	79.4
167	36.6	28.9	43.3



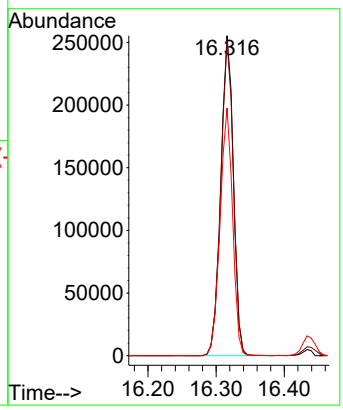


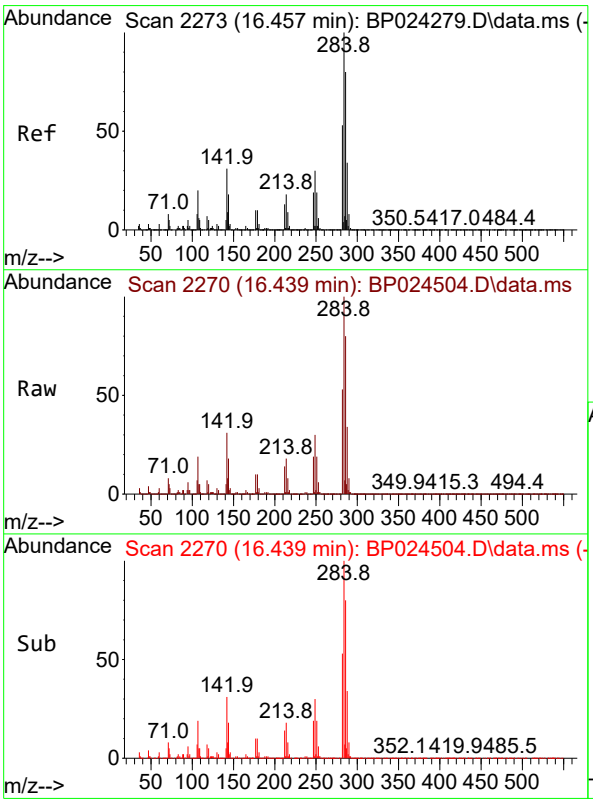
#67
4-Bromophenyl-phenylether
Concen: 42.568 ng
RT: 16.316 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 329947

Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.2	117.4
141	77.4	57.7	86.5

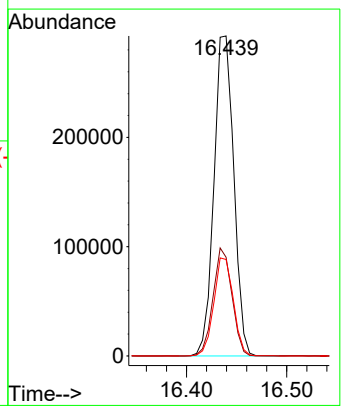


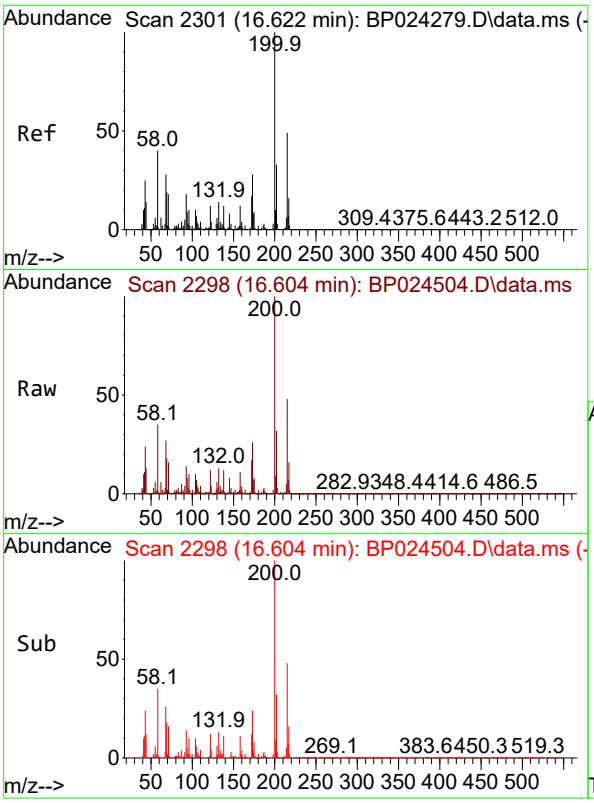


#68
Hexachlorobenzene
Concen: 43.541 ng
RT: 16.439 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:284 Resp: 401030

Ion	Ratio	Lower	Upper
284	100		
142	30.8	24.6	37.0
249	30.2	23.8	35.6



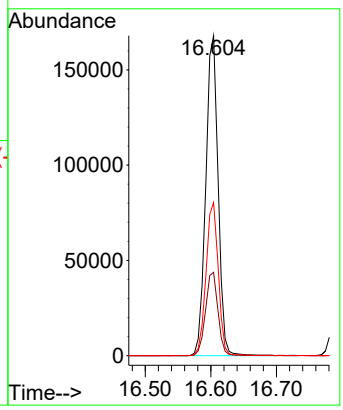


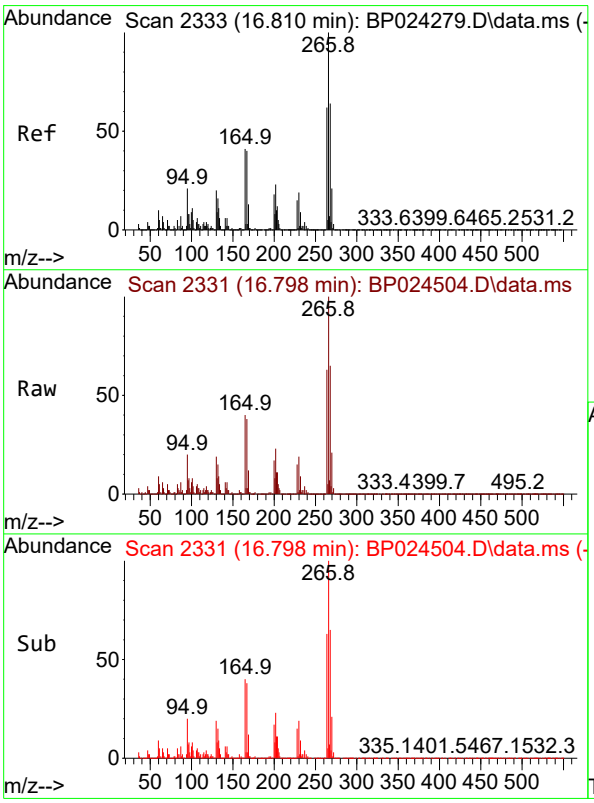
#69
Atrazine
Concen: 40.914 ng
RT: 16.604 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 220429

Ion	Ratio	Lower	Upper
200	100		
173	26.1	7.5	47.5
215	47.8	28.8	68.8

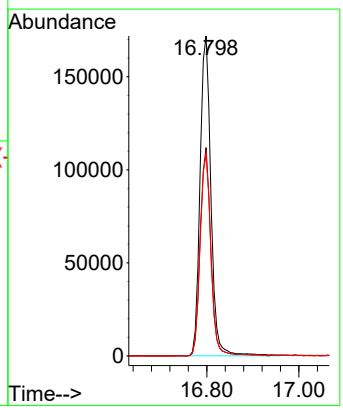


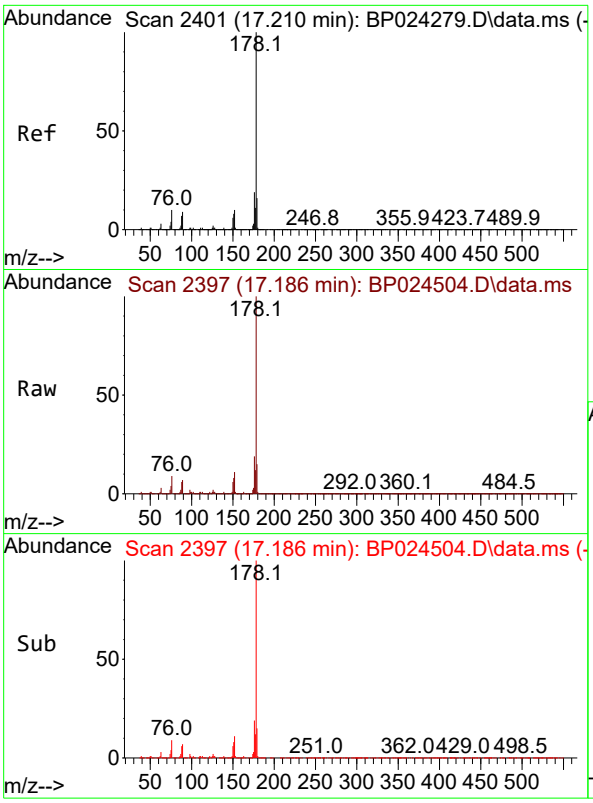


#70
Pentachlorophenol
Concen: 43.981 ng
RT: 16.798 min Scan# 2331
Delta R.T. 0.000 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:266 Resp: 282595

Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.0	76.6
264	62.7	49.8	74.6



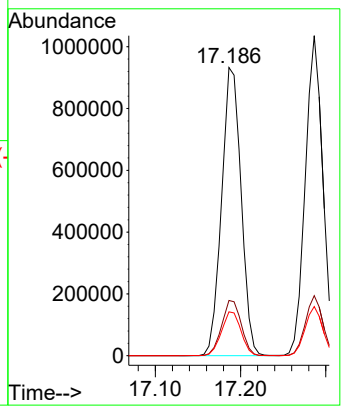


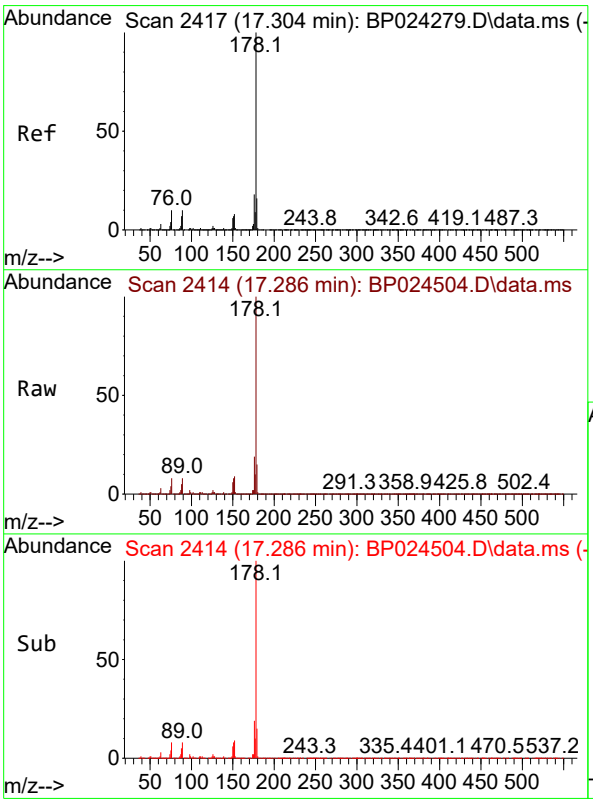
#71
Phenanthrene
Concen: 38.406 ng
RT: 17.186 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1484867

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.2	12.5	18.7

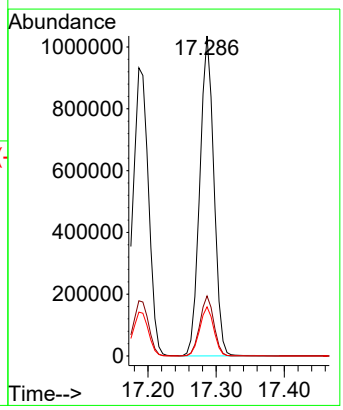


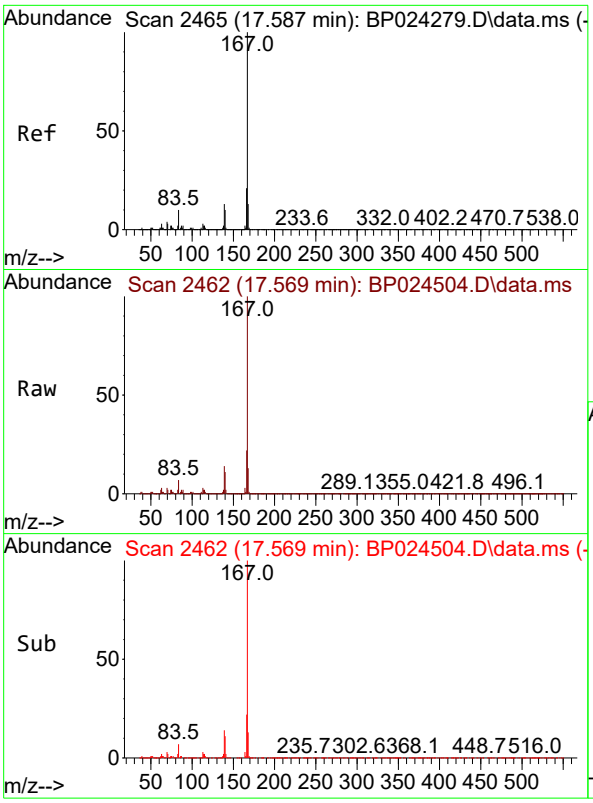


#72
Anthracene
Concen: 39.736 ng
RT: 17.286 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:178 Resp: 1480643

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	15.4	12.4	18.6



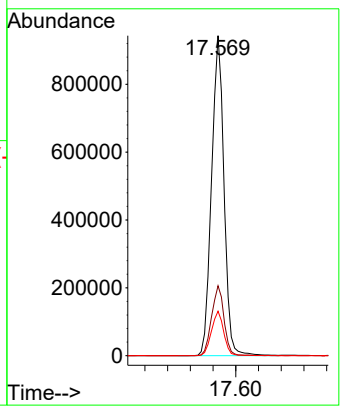


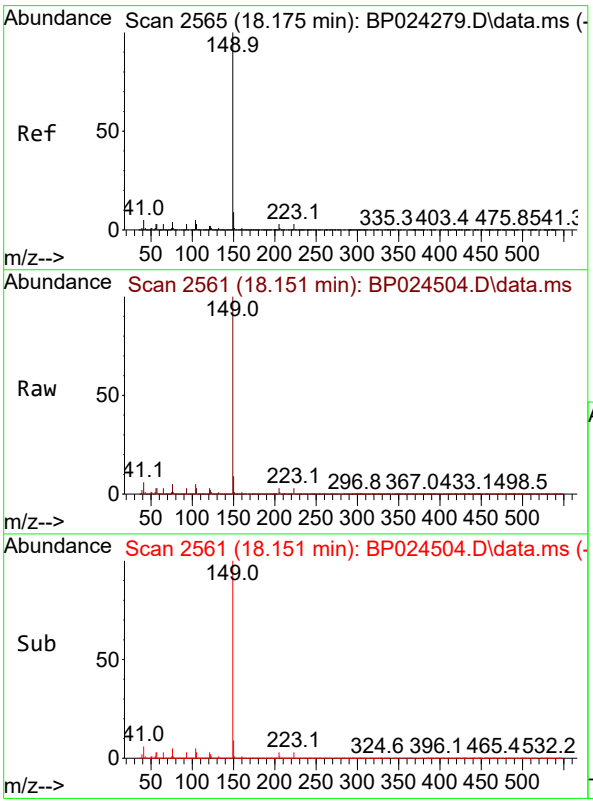
#73
Carbazole
Concen: 39.155 ng
RT: 17.569 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 1425580

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.1	25.7
139	13.9	10.6	16.0

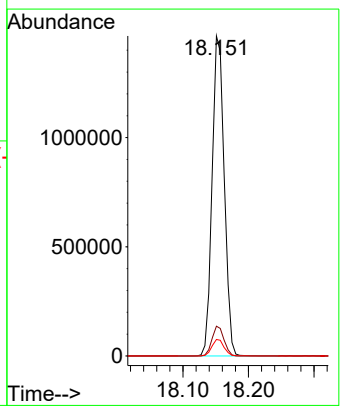


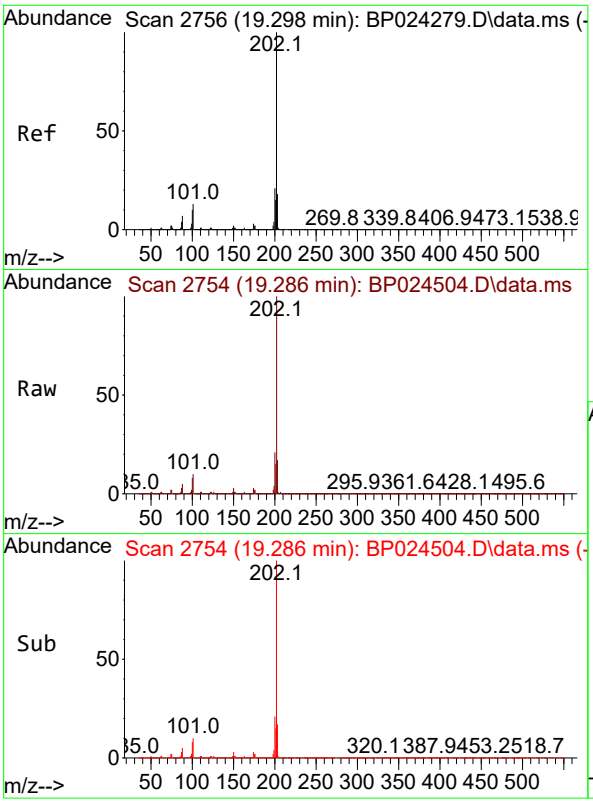


#74
Di-n-butylphthalate
Concen: 41.547 ng
RT: 18.151 min Scan# 2561
Delta R.T. -0.006 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:149 Resp: 1884553

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.2	3.9	5.9



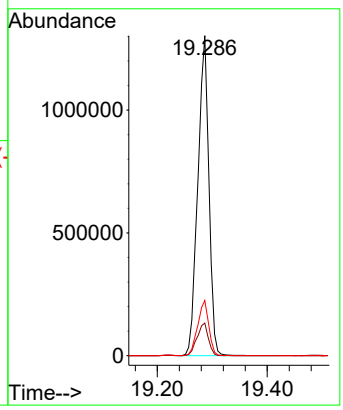


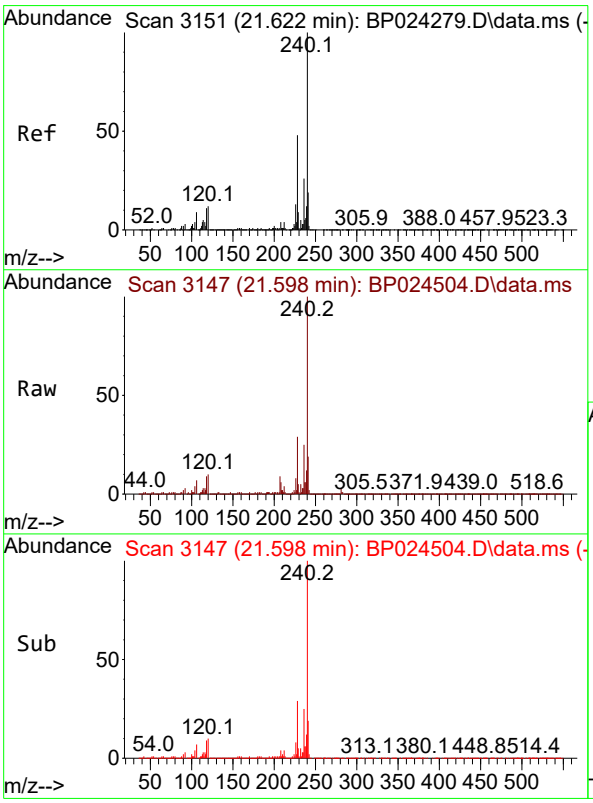
#75
Fluoranthene
Concen: 39.631 ng
RT: 19.286 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 1822300

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	33.2
203	17.2	0.0	37.7

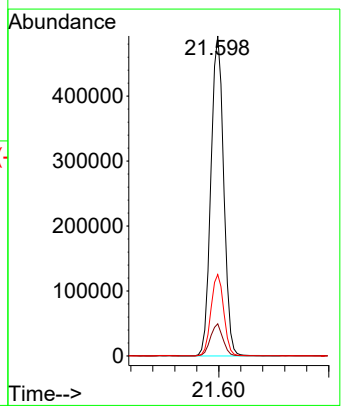


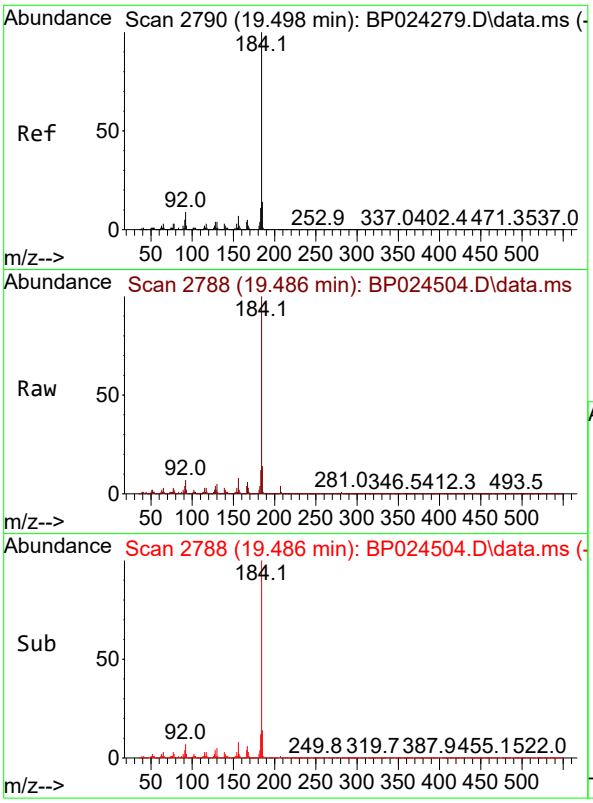


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3147
Delta R.T. 0.006 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:240 Resp: 795052

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.8	14.8
236	25.5	20.9	31.3



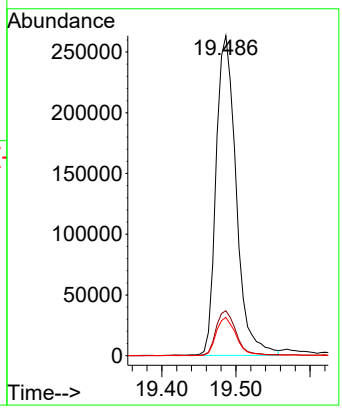


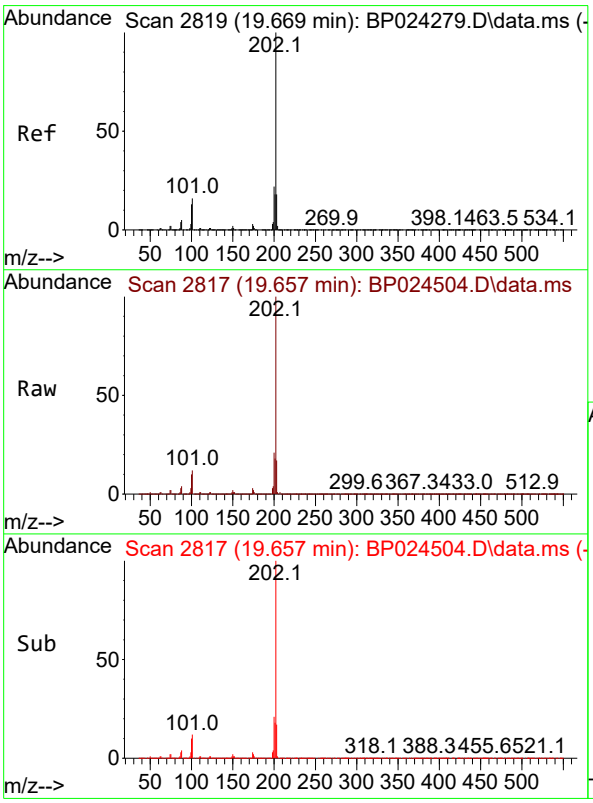
#77
Benzidine
Concen: 49.206 ng
RT: 19.486 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 495896

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.6	17.4
183	11.9	9.2	13.8

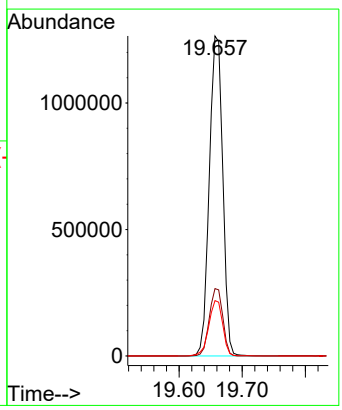


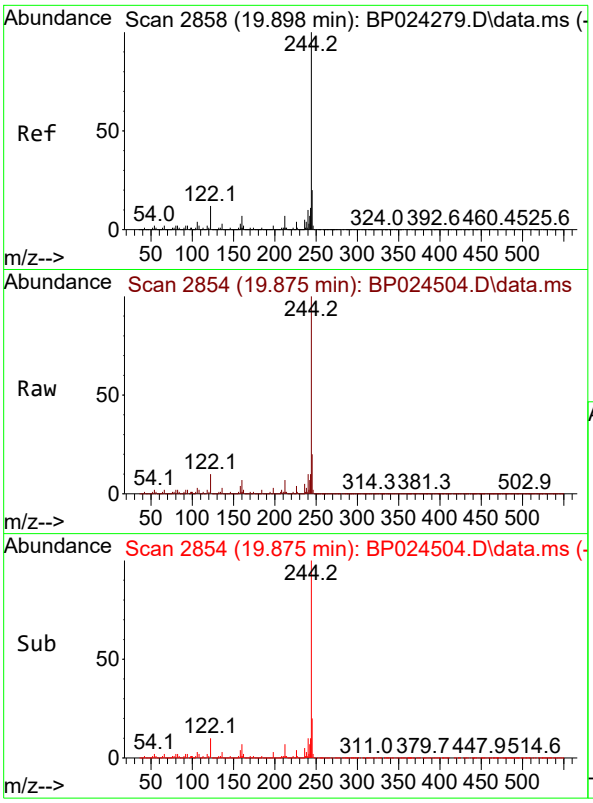


#78
Pyrene
Concen: 37.021 ng
RT: 19.657 min Scan# 2817
Delta R.T. 0.006 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:202 Resp: 1870529

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.2	25.8
203	17.3	14.4	21.6



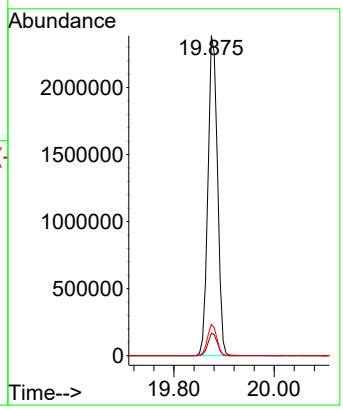


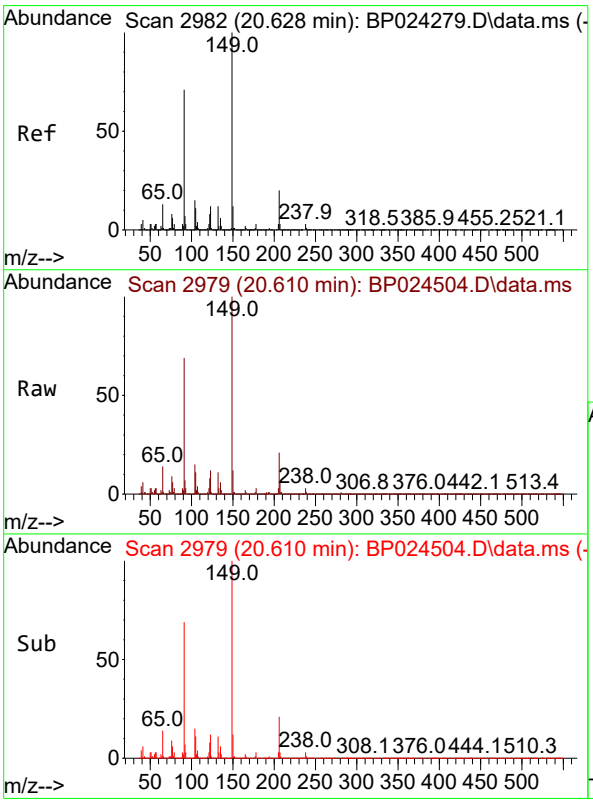
#79
Terphenyl-d14
Concen: 80.126 ng
RT: 19.875 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 3160493

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	9.8	9.4	14.0

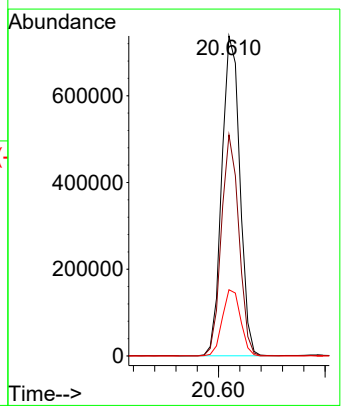


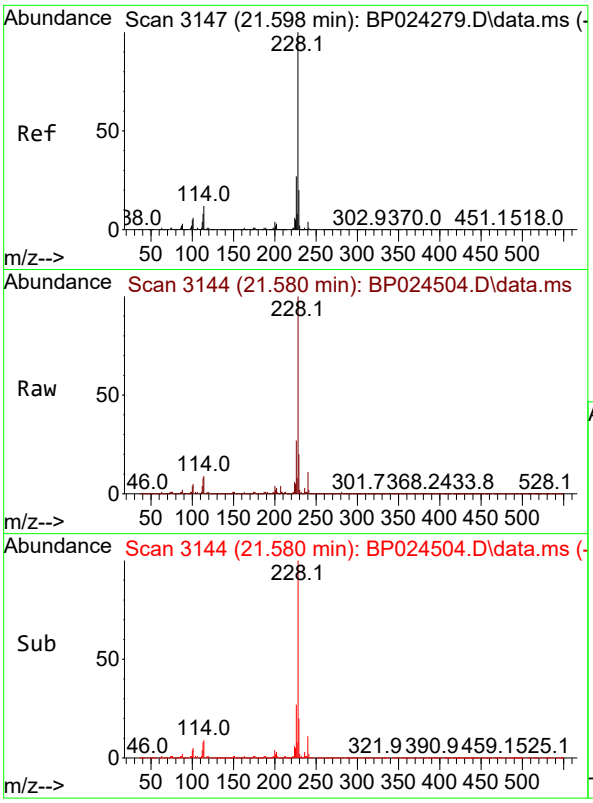


#80
Butylbenzylphthalate
Concen: 39.934 ng
RT: 20.610 min Scan# 2979
Delta R.T. 0.006 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:149 Resp: 864241

Ion	Ratio	Lower	Upper
149	100		
91	69.1	56.4	84.6
206	20.7	16.3	24.5



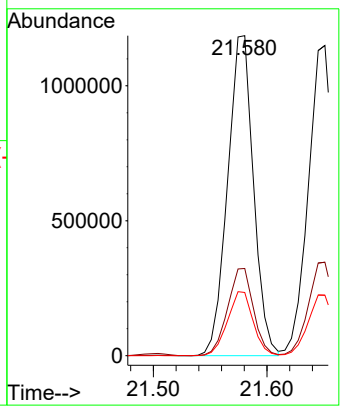


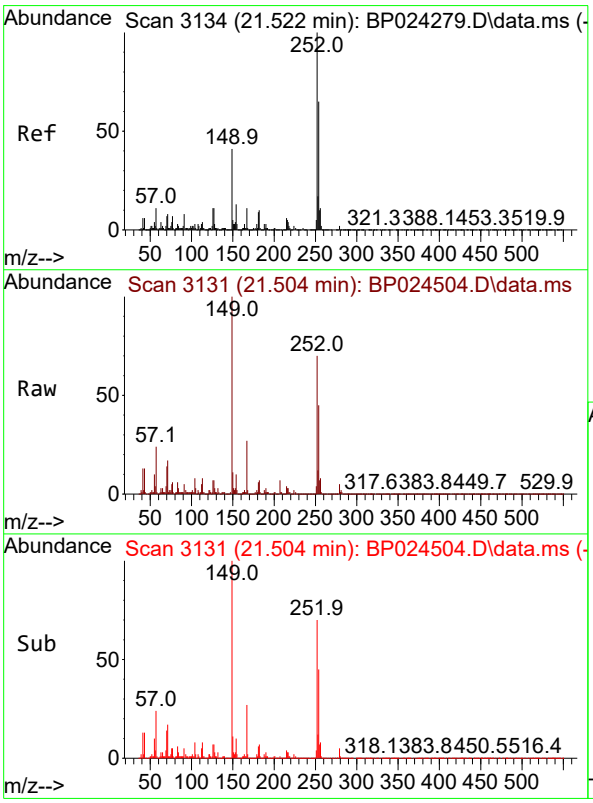
#81
Benzo(a)anthracene
Concen: 38.056 ng
RT: 21.580 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 1880613

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	19.7	15.9	23.9

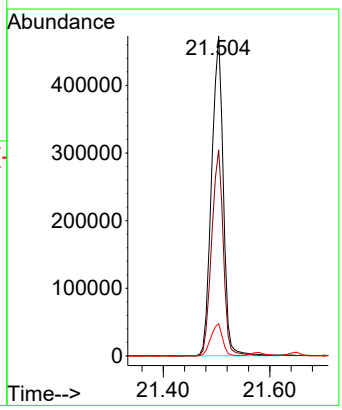


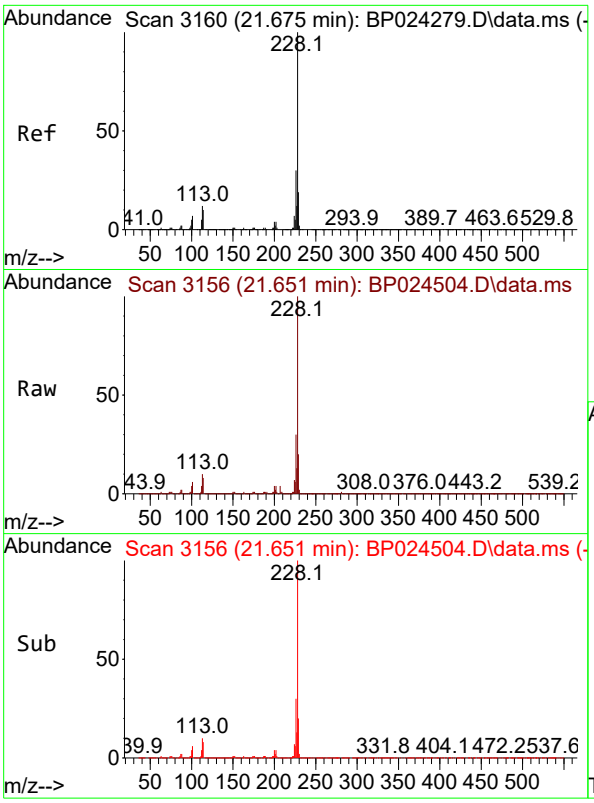


#82
3,3'-Dichlorobenzidine
Concen: 41.580 ng
RT: 21.504 min Scan# 3131
Delta R.T. 0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:252 Resp: 721200

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.7	77.5
126	10.0	8.8	13.2



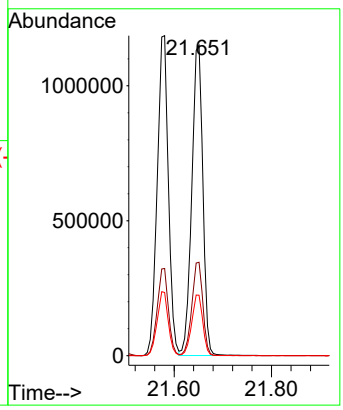


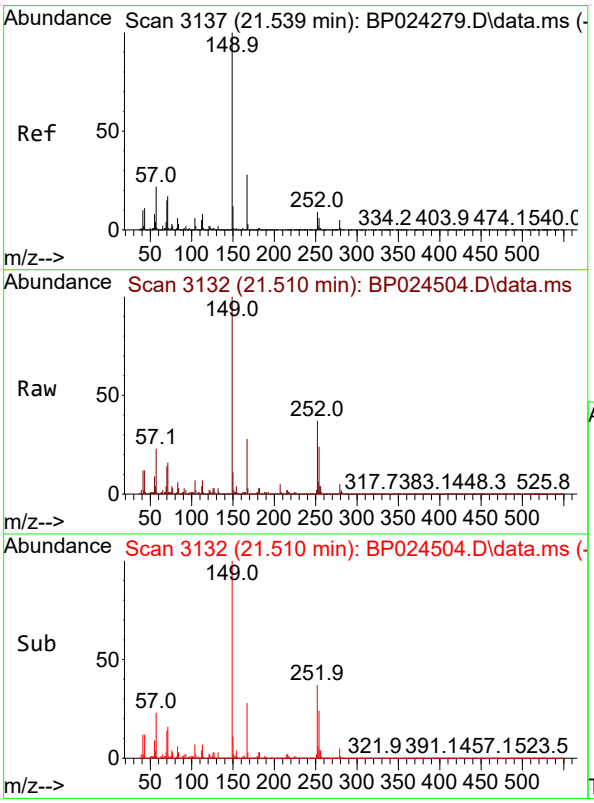
#83
Chrysene
Concen: 38.383 ng
RT: 21.651 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 1817220

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	19.5	15.6	23.4

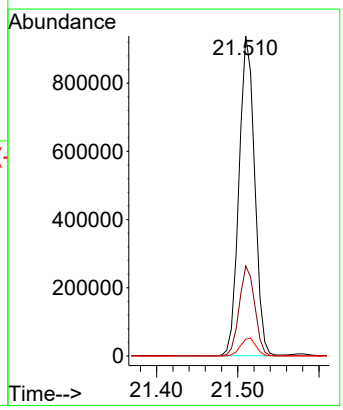


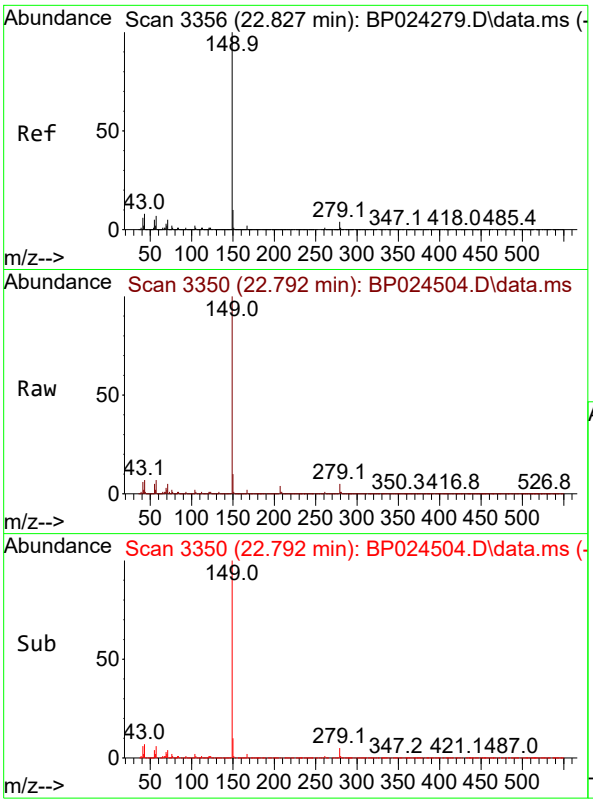


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.415 ng
RT: 21.510 min Scan# 3132
Delta R.T. 0.000 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:149 Resp: 1250474

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.4	33.6
279	5.2	4.0	6.0



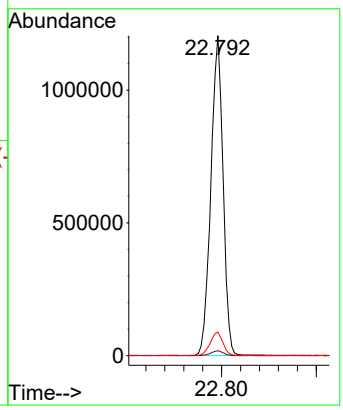


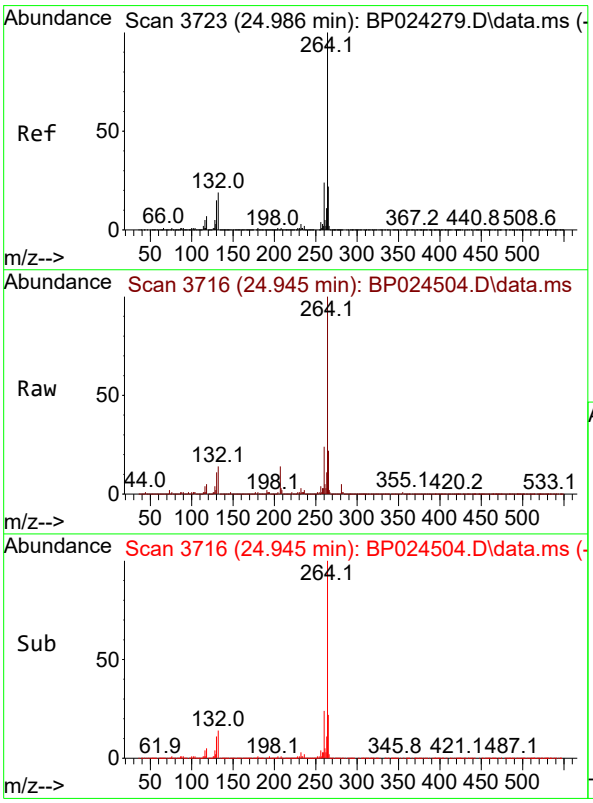
#85
Di-n-octyl phthalate
Concen: 41.641 ng
RT: 22.792 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 2147705

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.6	6.0	9.0

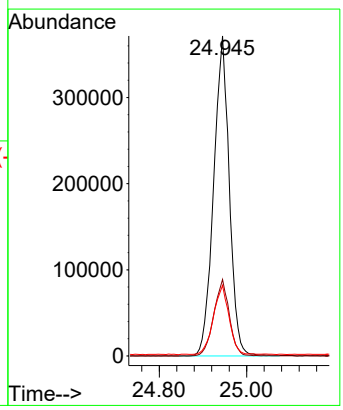


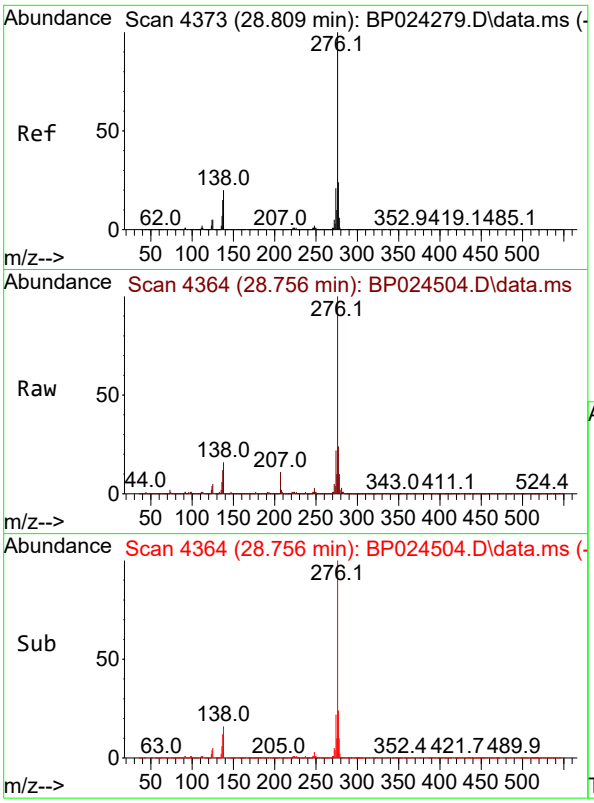


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.945 min Scan# 3716
Delta R.T. 0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:264 Resp: 924354

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	22.1	17.8	26.6



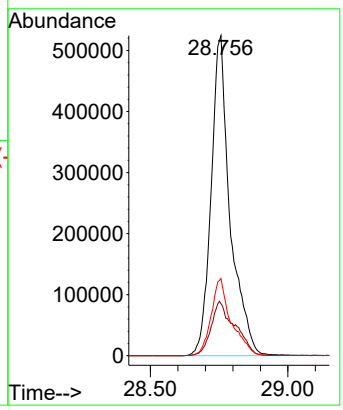


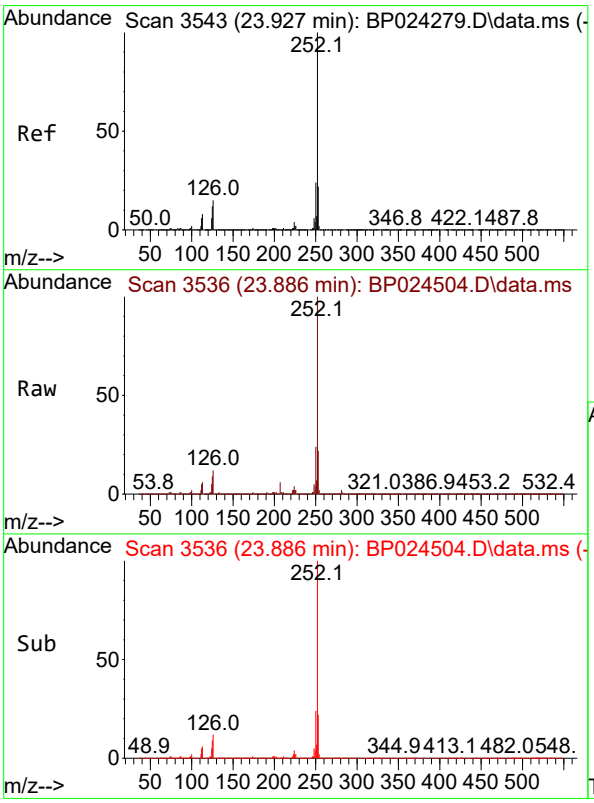
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.203 ng
RT: 28.756 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 2515761

Ion	Ratio	Lower	Upper
276	100		
138	21.2	14.5	21.7
277	25.5	20.2	30.2

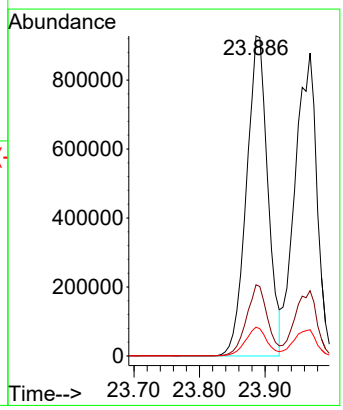


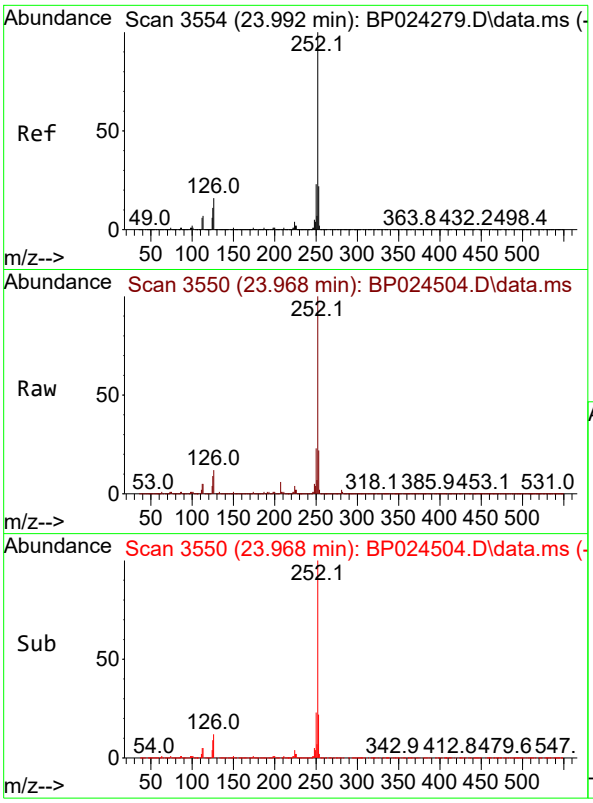


#88
Benzo(b)fluoranthene
Concen: 37.822 ng
RT: 23.886 min Scan# 3536
Delta R.T. 0.000 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:252 Resp: 2095593

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	9.0	9.4	14.0#



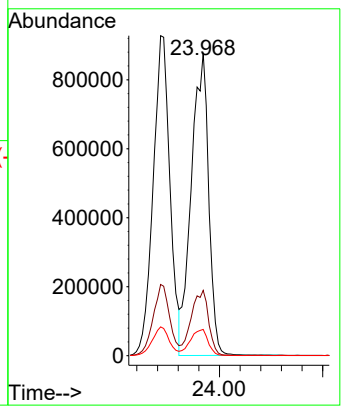


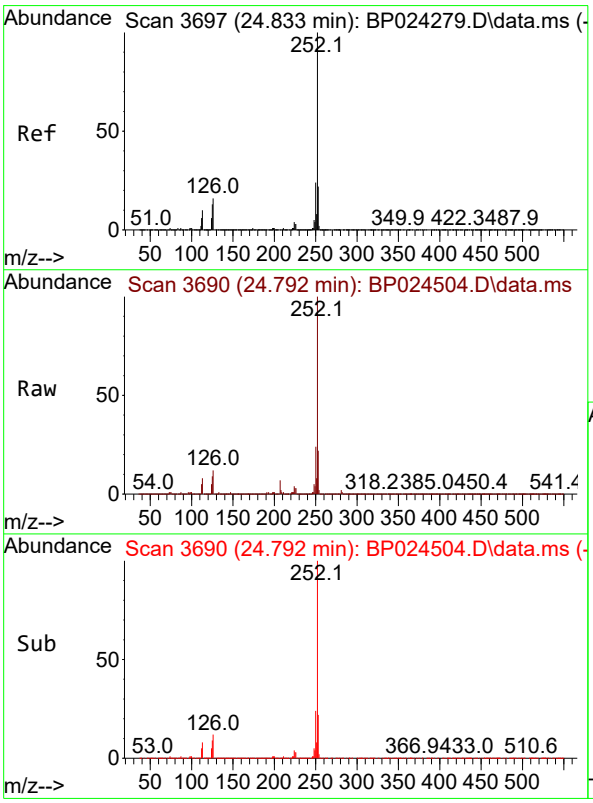
#89
Benzo(k)fluoranthene
Concen: 38.094 ng
RT: 23.968 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 2038754

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.7	26.5
125	8.7	9.1	13.7#

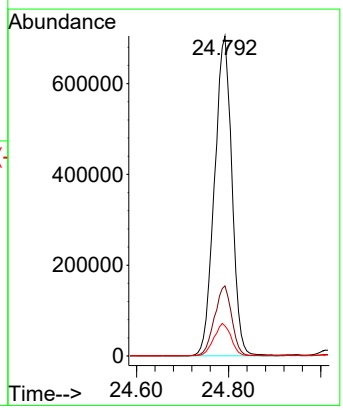


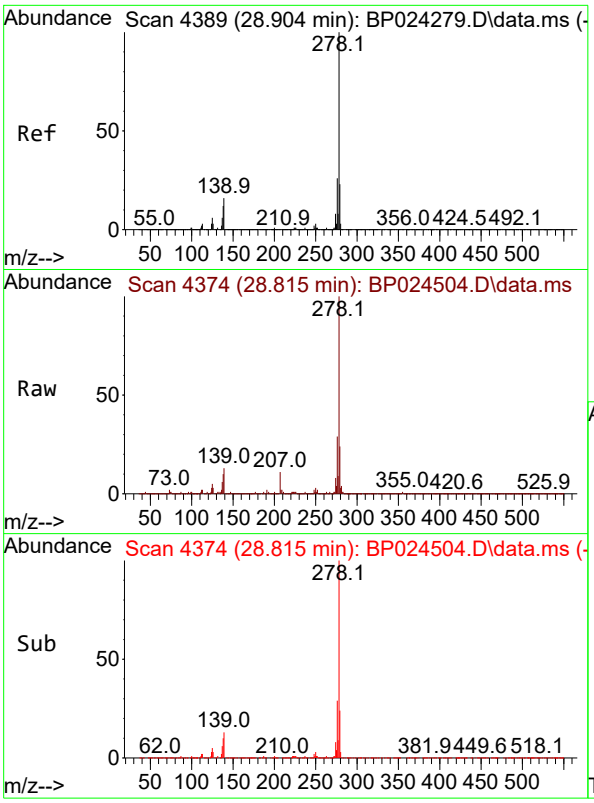


#90
Benzo(a)pyrene
Concen: 38.516 ng
RT: 24.792 min Scan# 3690
Delta R.T. 0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:252 Resp: 1840794

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.4	10.1	15.1#



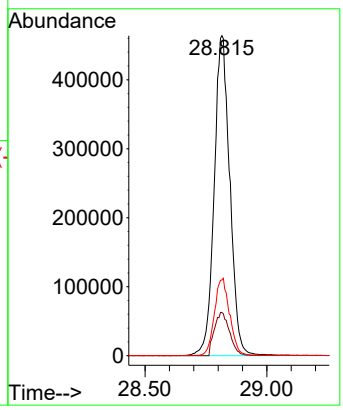


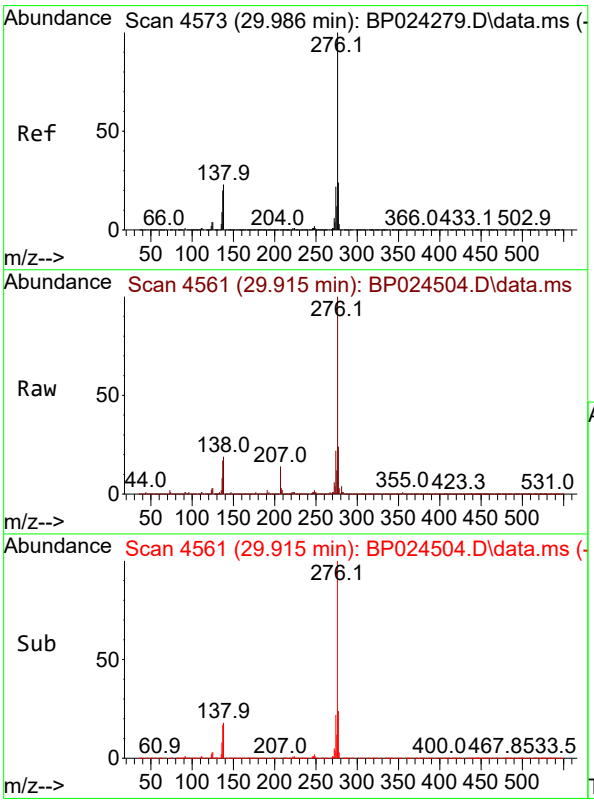
#91
Dibenzo(a,h)anthracene
Concen: 38.871 ng
RT: 28.815 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 2070450

Ion	Ratio	Lower	Upper
278	100		
139	13.5	12.6	19.0
279	23.7	18.5	27.7

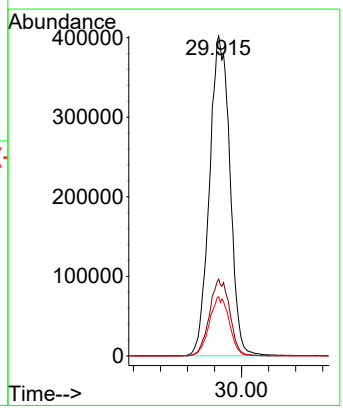




#92
Benzo(g,h,i)perylene
Concen: 38.816 ng
RT: 29.915 min Scan# 4561
Delta R.T. 0.018 min
Lab File: BP024504.D
Acq: 02 May 2025 11:27

Tgt Ion:276 Resp: 2104464

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	18.5	18.7	28.1#



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024504.D
Acq On : 02 May 2025 11:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 02 12:18:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	53	-0.01
2		1,4-Dioxane	0.512	0.426	16.8	44#	-0.01
3		Pyridine	1.351	1.131	16.3	43#	-0.02
4		n-Nitrosodimethylamine	0.448	0.475	-6.0	55	-0.01
5	S	2-Fluorophenol	1.210	1.150	5.0	48#	-0.02
6		Aniline	1.480	1.376	7.0	46#	-0.02
7	S	Phenol-d6	1.656	1.559	5.9	47#	-0.02
8		2-Chlorophenol	1.350	1.297	3.9	49#	-0.01
9		Benzaldehyde	0.819	0.909	-11.0	57	-0.02
10	C	Phenol	1.661	1.517	8.7	46#	-0.02
11		bis(2-Chloroethyl)ether	1.339	1.161	13.3	44#	-0.02
12		1,3-Dichlorobenzene	1.454	1.375	5.4	49#	-0.02
13	C	1,4-Dichlorobenzene	1.475	1.400	5.1	49#	-0.01
14		1,2-Dichlorobenzene	1.424	1.351	5.1	49#	-0.02
15		Benzyl Alcohol	1.071	1.127	-5.2	51	-0.01
16		2,2'-oxybis(1-Chloropropane	1.447	1.288	11.0	45#	-0.01
17		2-Methylphenol	1.075	1.058	1.6	49#	-0.02
18		Hexachloroethane	0.533	0.520	2.4	51	-0.02
19	P	n-Nitroso-di-n-propylamine	1.025	0.982	4.2	48#	-0.02
20		3+4-Methylphenols	1.491	1.478	0.9	49#	-0.01
21	I	Naphthalene-d8	1.000	1.000	0.0	53	-0.02
22		Acetophenone	0.495	0.482	2.6	49#	-0.02
23	S	Nitrobenzene-d5	0.351	0.346	1.4	49#	-0.01
24		Nitrobenzene	0.347	0.331	4.6	48#	-0.01
25		Isophorone	0.635	0.613	3.5	48#	0.00
26	C	2-Nitrophenol	0.170	0.184	-8.2	53	-0.01
27		2,4-Dimethylphenol	0.213	0.212	0.5	49#	-0.01
28		bis(2-Chloroethoxy)methane	0.429	0.388	9.6	45#	-0.01
29	C	2,4-Dichlorophenol	0.291	0.304	-4.5	52	-0.01
30		1,2,4-Trichlorobenzene	0.311	0.311	0.0	51	-0.02
31		Naphthalene	1.054	1.016	3.6	49#	-0.01
32		Benzoic acid	0.248	0.252	-1.6	55	0.00
33		4-Chloroaniline	0.371	0.378	-1.9	50	-0.02
34	C	Hexachlorobutadiene	0.183	0.195	-6.6	54	-0.01
35		Caprolactam	0.107	0.107	0.0	50	0.00
36	C	4-Chloro-3-methylphenol	0.339	0.355	-4.7	52	-0.01
37		2-Methylnaphthalene	0.731	0.720	1.5	50	-0.01
38		1-Methylnaphthalene	0.715	0.701	2.0	50	-0.01
39	I	Acenaphthene-d10	1.000	1.000	0.0	55	-0.01
40		1,2,4,5-Tetrachlorobenzene	0.550	0.557	-1.3	53	-0.01
41	P	Hexachlorocyclopentadiene	0.195	0.189	3.1	47#	-0.01
42	S	2,4,6-Tribromophenol	0.277	0.326	-17.7	62	0.00
43	C	2,4,6-Trichlorophenol	0.366	0.386	-5.5	54	-0.01
44		2,4,5-Trichlorophenol	0.405	0.422	-4.2	54	-0.01
45	S	2-Fluorobiphenyl	1.306	1.294	0.9	52	-0.01
46		1,1'-Biphenyl	1.470	1.436	2.3	51	-0.01
47		2-Chloronaphthalene	1.099	1.072	2.5	52	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024504.D
Acq On : 02 May 2025 11:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 02 12:18:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.308	0.327	-6.2	54	0.00
49		Acenaphthylene	1.730	1.713	1.0	52	0.00
50		Dimethylphthalate	1.454	1.478	-1.7	54	-0.01
51		2,6-Dinitrotoluene	0.309	0.321	-3.9	54	0.00
52	C	Acenaphthene	1.097	1.036	5.6	50	-0.01
53		3-Nitroaniline	0.325	0.334	-2.8	52	-0.01
54	P	2,4-Dinitrophenol	0.182	0.189	-3.8	56	0.00
55		Dibenzofuran	1.793	1.720	4.1	51	-0.01
56	P	4-Nitrophenol	0.280	0.271	3.2	49#	0.00
57		2,4-Dinitrotoluene	0.421	0.444	-5.5	54	0.00
58		Fluorene	1.388	1.362	1.9	53	0.00
59		2,3,4,6-Tetrachlorophenol	0.373	0.396	-6.2	56	-0.01
60		Diethylphthalate	1.499	1.506	-0.5	53	-0.01
61		4-Chlorophenyl-phenylether	0.674	0.683	-1.3	55	0.00
62		4-Nitroaniline	0.344	0.356	-3.5	53	0.00
63		Azobenzene	1.378	1.287	6.6	49#	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	55	0.00
65		4,6-Dinitro-2-methylphenol	0.126	0.133	-5.6	56	0.00
66	c	n-Nitrosodiphenylamine	0.597	0.586	1.8	52	0.00
67		4-Bromophenyl-phenylether	0.219	0.233	-6.4	56	0.00
68		Hexachlorobenzene	0.260	0.283	-8.8	58	0.00
69		Atrazine	0.152	0.156	-2.6	71	0.00
70	C	Pentachlorophenol	0.181	0.199	-9.9	57	0.00
71		Phenanthrene	1.091	1.048	3.9	52	0.00
72		Anthracene	1.052	1.045	0.7	52	0.00
73		Carbazole	1.027	1.006	2.0	51	0.00
74		Di-n-butylphthalate	1.280	1.330	-3.9	53	0.00
75	C	Fluoranthene	1.298	1.286	0.9	53	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	59	0.00
77		Benzidine	0.254	0.312	-22.8	42#	0.00
78		Pyrene	1.271	1.176	7.5	53	0.00
79	S	Terphenyl-d14	0.992	0.994	-0.2	57	0.00
80		Butylbenzylphthalate	0.544	0.544	0.0	54	0.00
81		Benzo(a)anthracene	1.243	1.183	4.8	54	0.01
82		3,3'-Dichlorobenzidine	0.436	0.454	-4.1	55	0.01
83		Chrysene	1.191	1.143	4.0	56	0.01
84		Bis(2-ethylhexyl)phthalate	0.798	0.786	1.5	52	0.00
85	c	Di-n-octyl phthalate	1.297	1.351	-4.2	54	0.00
86	I	Perylene-d12	1.000	1.000	0.0	62	0.01
87		Indeno(1,2,3-cd)pyrene	1.388	1.361	1.9	59	0.02
88		Benzo(b)fluoranthene	1.199	1.134	5.4	56	0.00
89		Benzo(k)fluoranthene	1.158	1.103	4.7	57	0.01
90	C	Benzo(a)pyrene	1.034	0.996	3.7	57	0.01
91		Dibenzo(a,h)anthracene	1.152	1.120	2.8	58	0.01
92		Benzo(g,h,i)perylene	1.173	1.138	3.0	58	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024504.D
Acq On : 02 May 2025 11:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 02 12:18:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024504.D
Acq On : 02 May 2025 11:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 02 12:18:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	53	-0.01
2		1,4-Dioxane	40.000	33.271	16.8	44	-0.01
3		Pyridine	40.000	33.482	16.3	43	-0.02
4		n-Nitrosodimethylamine	40.000	42.409	-6.0	55	-0.01
5	S	2-Fluorophenol	80.000	76.068	4.9	48	-0.02
6		Aniline	40.000	37.175	7.1	46	-0.02
7	S	Phenol-d6	80.000	75.320	5.9	47	-0.02
8		2-Chlorophenol	40.000	38.415	4.0	49	-0.01
9		Benzaldehyde	40.000	44.392	-11.0	57	-0.02
10	C	Phenol	40.000	36.518	8.7	46	-0.02
11		bis(2-Chloroethyl)ether	40.000	34.679	13.3	44	-0.02
12		1,3-Dichlorobenzene	40.000	37.828	5.4	49	-0.02
13	C	1,4-Dichlorobenzene	40.000	37.961	5.1	49	-0.01
14		1,2-Dichlorobenzene	40.000	37.932	5.2	49	-0.02
15		Benzyl Alcohol	40.000	42.071	-5.2	51	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	35.601	11.0	45	-0.01
17		2-Methylphenol	40.000	39.378	1.6	49	-0.02
18		Hexachloroethane	40.000	39.036	2.4	51	-0.02
19	P	n-Nitroso-di-n-propylamine	40.000	38.330	4.2	48	-0.02
20		3+4-Methylphenols	40.000	39.631	0.9	49	-0.01
21	I	Naphthalene-d8	20.000	20.000	0.0	53	-0.02
22		Acetophenone	40.000	38.912	2.7	49	-0.02
23	S	Nitrobenzene-d5	80.000	78.887	1.4	49	-0.01
24		Nitrobenzene	40.000	38.147	4.6	48	-0.01
25		Isophorone	40.000	38.644	3.4	48	0.00
26	C	2-Nitrophenol	40.000	43.264	-8.2	53	-0.01
27		2,4-Dimethylphenol	40.000	39.697	0.8	49	-0.01
28		bis(2-Chloroethoxy)methane	40.000	36.201	9.5	45	-0.01
29	C	2,4-Dichlorophenol	40.000	41.885	-4.7	52	-0.01
30		1,2,4-Trichlorobenzene	40.000	39.892	0.3	51	-0.02
31		Naphthalene	40.000	38.570	3.6	49	-0.01
32		Benzoic acid	40.000	40.608	-1.5	55	0.00
33		4-Chloroaniline	40.000	40.796	-2.0	50	-0.02
34	C	Hexachlorobutadiene	40.000	42.660	-6.6	54	-0.01
35		Caprolactam	40.000	40.086	-0.2	50	0.00
36	C	4-Chloro-3-methylphenol	40.000	41.961	-4.9	52	-0.01
37		2-Methylnaphthalene	40.000	39.394	1.5	50	-0.01
38		1-Methylnaphthalene	40.000	39.233	1.9	50	-0.01
39	I	Acenaphthene-d10	20.000	20.000	0.0	55	-0.01
40		1,2,4,5-Tetrachlorobenzene	40.000	40.512	-1.3	53	-0.01
41	P	Hexachlorocyclopentadiene	40.000	38.800	3.0	47	-0.01
42	S	2,4,6-Tribromophenol	80.000	94.290	-17.9	62	0.00
43	C	2,4,6-Trichlorophenol	40.000	42.268	-5.7	54	-0.01
44		2,4,5-Trichlorophenol	40.000	41.686	-4.2	54	-0.01
45	S	2-Fluorobiphenyl	80.000	79.274	0.9	52	-0.01
46		1,1'-Biphenyl	40.000	39.073	2.3	51	-0.01
47		2-Chloronaphthalene	40.000	39.032	2.4	52	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024504.D
Acq On : 02 May 2025 11:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 02 12:18:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	42.491	-6.2	54	0.00
49		Acenaphthylene	40.000	39.617	1.0	52	0.00
50		Dimethylphthalate	40.000	40.659	-1.6	54	-0.01
51		2,6-Dinitrotoluene	40.000	41.613	-4.0	54	0.00
52	C	Acenaphthene	40.000	37.785	5.5	50	-0.01
53		3-Nitroaniline	40.000	41.159	-2.9	52	-0.01
54	P	2,4-Dinitrophenol	40.000	41.496	-3.7	56	0.00
55		Dibenzofuran	40.000	38.383	4.0	51	-0.01
56	P	4-Nitrophenol	40.000	38.721	3.2	49	0.00
57		2,4-Dinitrotoluene	40.000	42.167	-5.4	54	0.00
58		Fluorene	40.000	39.246	1.9	53	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	42.362	-5.9	56	-0.01
60		Diethylphthalate	40.000	40.198	-0.5	53	-0.01
61		4-Chlorophenyl-phenylether	40.000	40.522	-1.3	55	0.00
62		4-Nitroaniline	40.000	41.441	-3.6	53	0.00
63		Azobenzene	40.000	37.356	6.6	49	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	55	0.00
65		4,6-Dinitro-2-methylphenol	40.000	42.087	-5.2	56	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.275	1.8	52	0.00
67		4-Bromophenyl-phenylether	40.000	42.568	-6.4	56	0.00
68		Hexachlorobenzene	40.000	43.541	-8.9	58	0.00
69		Atrazine	40.000	40.914	-2.3	71	0.00
70	C	Pentachlorophenol	40.000	43.981	-10.0	57	0.00
71		Phenanthrene	40.000	38.406	4.0	52	0.00
72		Anthracene	40.000	39.736	0.7	52	0.00
73		Carbazole	40.000	39.155	2.1	51	0.00
74		Di-n-butylphthalate	40.000	41.547	-3.9	53	0.00
75	C	Fluoranthene	40.000	39.631	0.9	53	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	59	0.00
77		Benzidine	40.000	49.206	-23.0	42	0.00
78		Pyrene	40.000	37.021	7.4	53	0.00
79	S	Terphenyl-d14	80.000	80.126	-0.2	57	0.00
80		Butylbenzylphthalate	40.000	39.934	0.2	54	0.00
81		Benzo(a)anthracene	40.000	38.056	4.9	54	0.01
82		3,3'-Dichlorobenzidine	40.000	41.580	-3.9	55	0.01
83		Chrysene	40.000	38.383	4.0	56	0.01
84		Bis(2-ethylhexyl)phthalate	40.000	39.415	1.5	52	0.00
85	c	Di-n-octyl phthalate	40.000	41.641	-4.1	54	0.00
86	I	Perylene-d12	20.000	20.000	0.0	62	0.01
87		Indeno(1,2,3-cd)pyrene	40.000	39.203	2.0	59	0.02
88		Benzo(b)fluoranthene	40.000	37.822	5.4	56	0.00
89		Benzo(k)fluoranthene	40.000	38.094	4.8	57	0.01
90	C	Benzo(a)pyrene	40.000	38.516	3.7	57	0.01
91		Dibenzo(a,h)anthracene	40.000	38.871	2.8	58	0.01
92		Benzo(g,h,i)perylene	40.000	38.816	3.0	58	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024504.D
Acq On : 02 May 2025 11:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 02 12:18:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

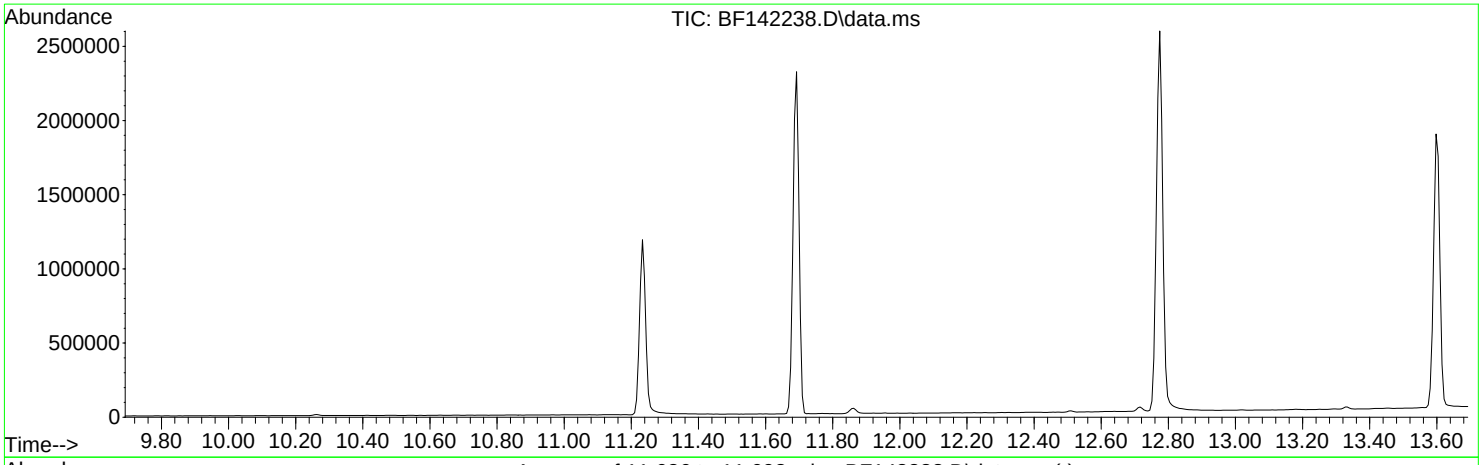
QC SAMPLE DATA

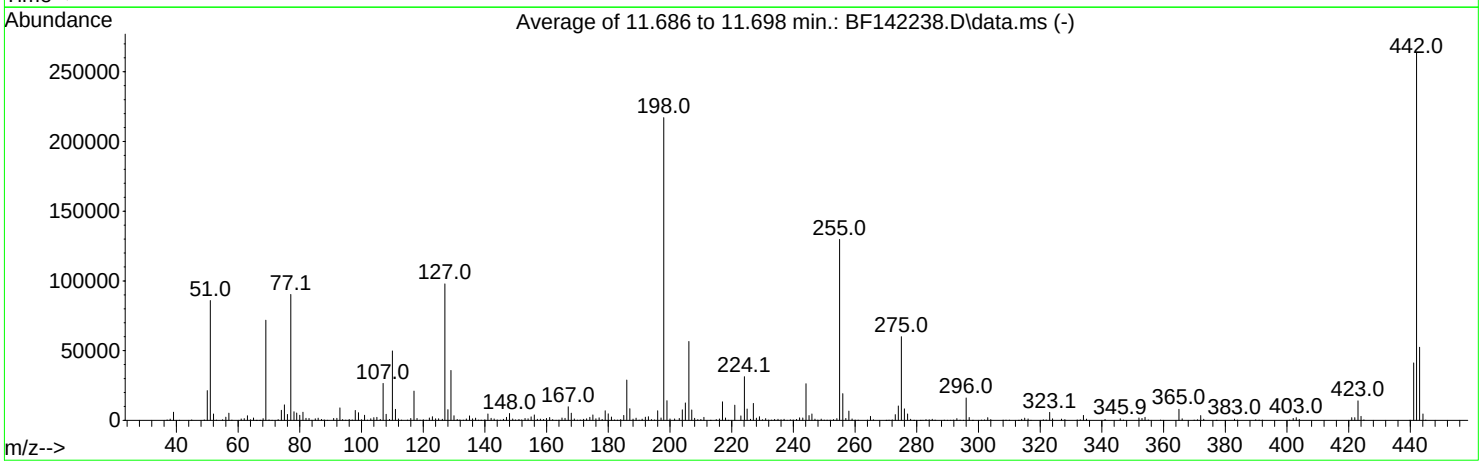
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142238.D
Acq On : 30 Apr 2025 10:55
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Apr 30 16:00:01 2025





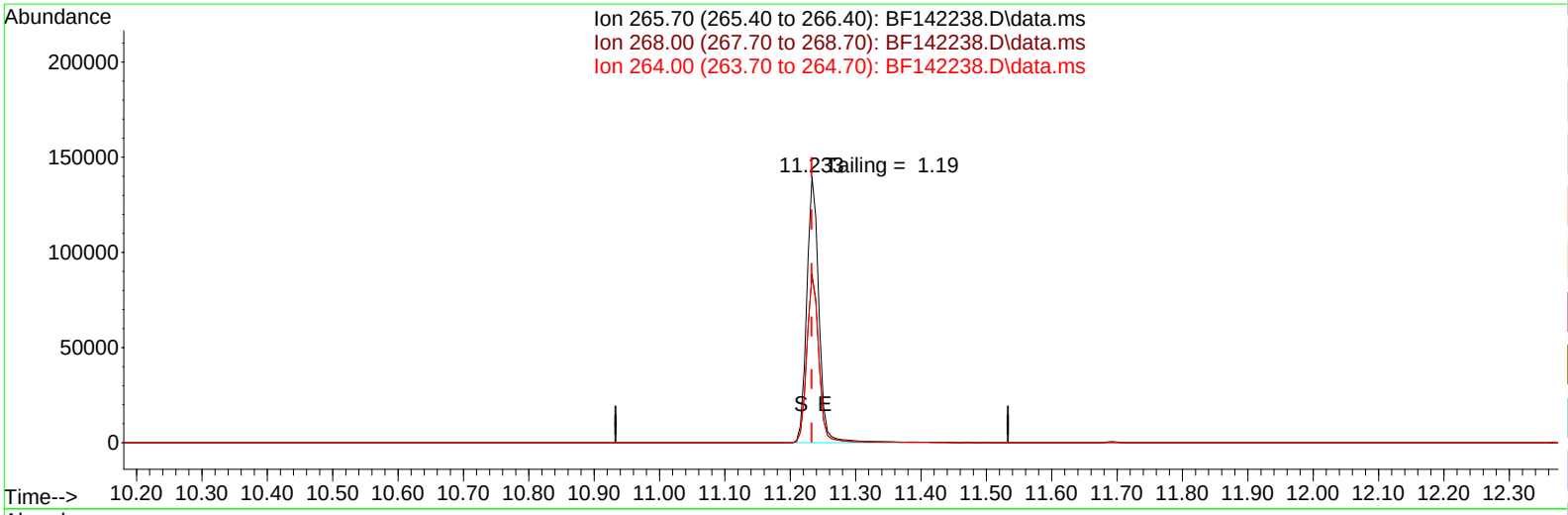
AutoFind: Scans 1614, 1615, 1616; Background Corrected with Scan 1607

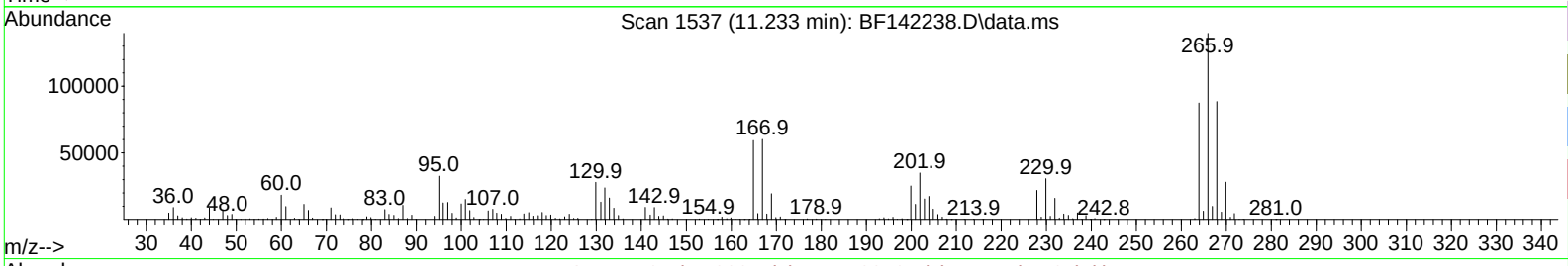
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	39.6	86007	PASS
68	69	0.00	2	1.8	1316	PASS
69	198	0.00	100	33.1	71903	PASS
70	69	0.00	2	0.5	377	PASS
127	198	10	80	45.1	97928	PASS
197	198	0.00	2	0.8	1760	PASS
198	198	100	100	100.0	217131	PASS
199	198	5	9	6.5	14095	PASS
275	198	10	60	27.6	60019	PASS
365	198	1	100	3.7	7976	PASS
441	198	0.01	100	19.0	41171	PASS
442	442	50	100	100.0	263808	PASS
443	442	15	24	19.9	52467	PASS

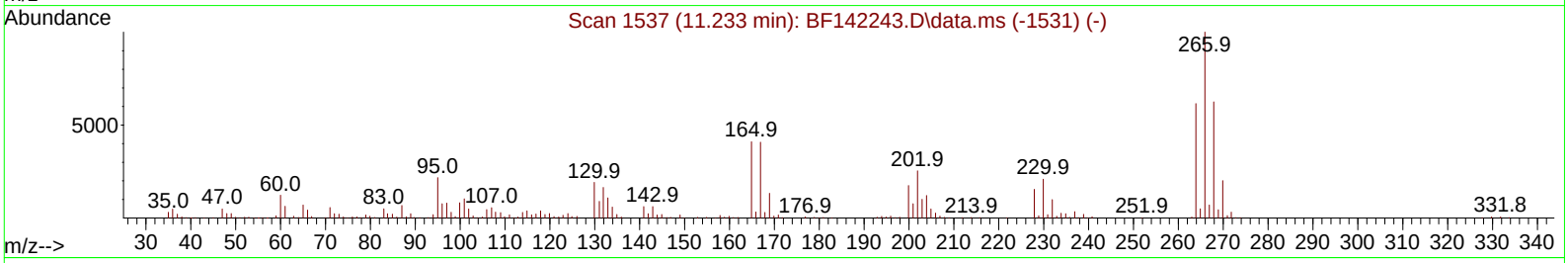
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142238.D
Acq On : 30 Apr 2025 10:55
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Apr 30 16:04:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration







TIC: BF142238.D\data.ms

(70) Pentachlorophenol (C)

11.233min (+ 0.000) 69575.24 ng

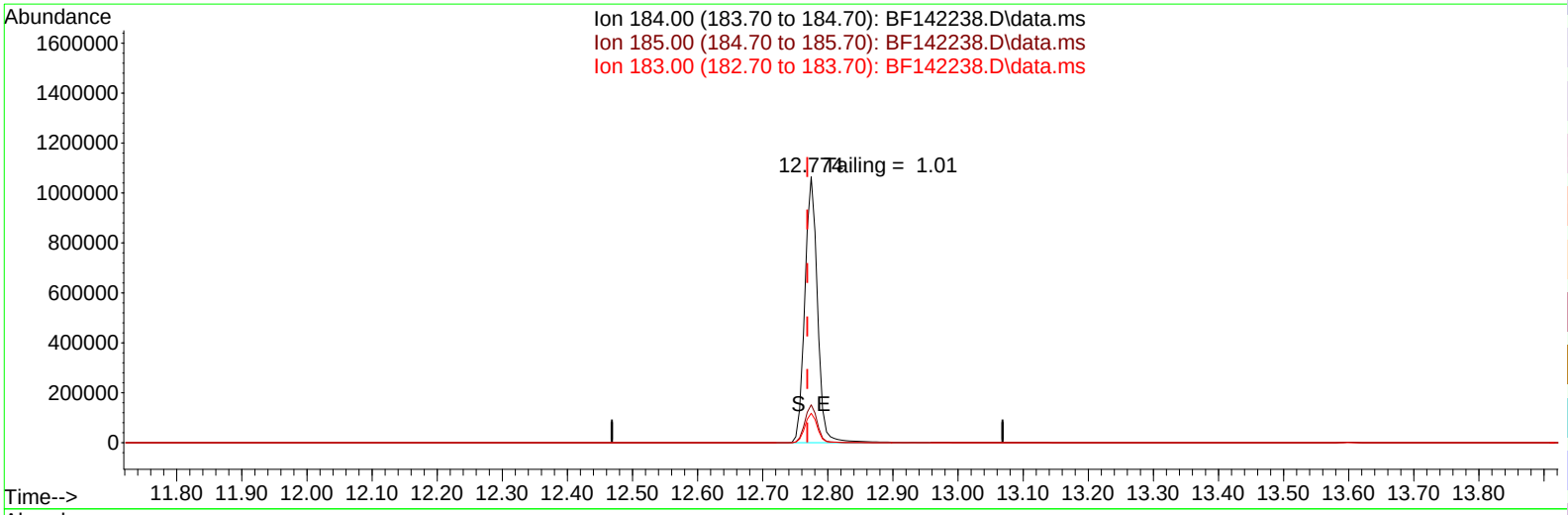
response 180630

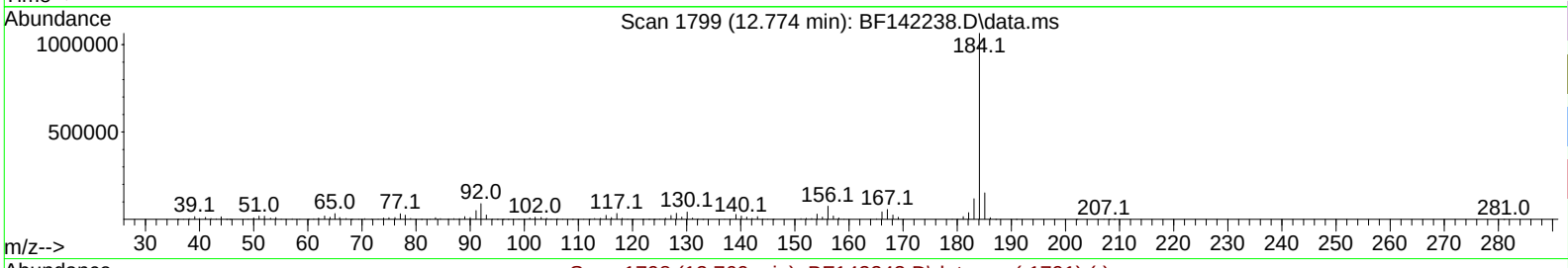
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.50	63.39
264.00	61.60	62.57
0.00	0.00	0.00

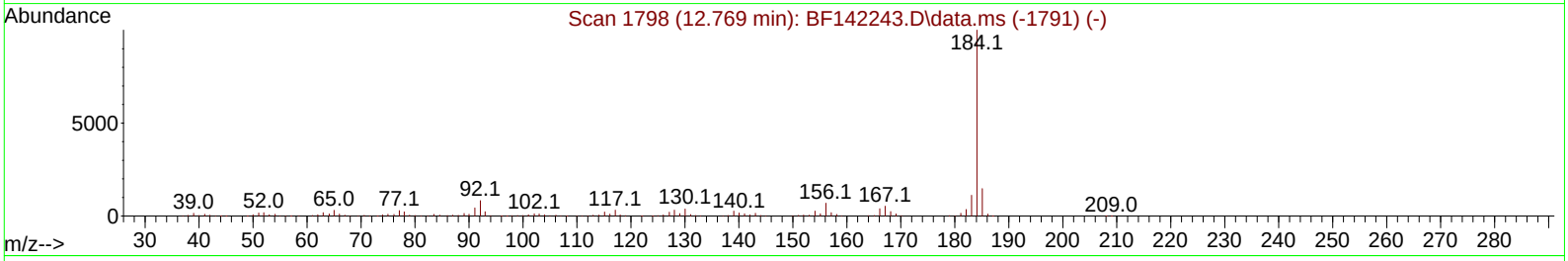
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142238.D
Acq On : 30 Apr 2025 10:55
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Apr 30 16:04:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration







TIC: BF142238.D\data.ms

(77) Benzidine

12.774min (+ 0.006) 97416.22 ng

response 1440496

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.70	14.25
183.00	11.10	11.10
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

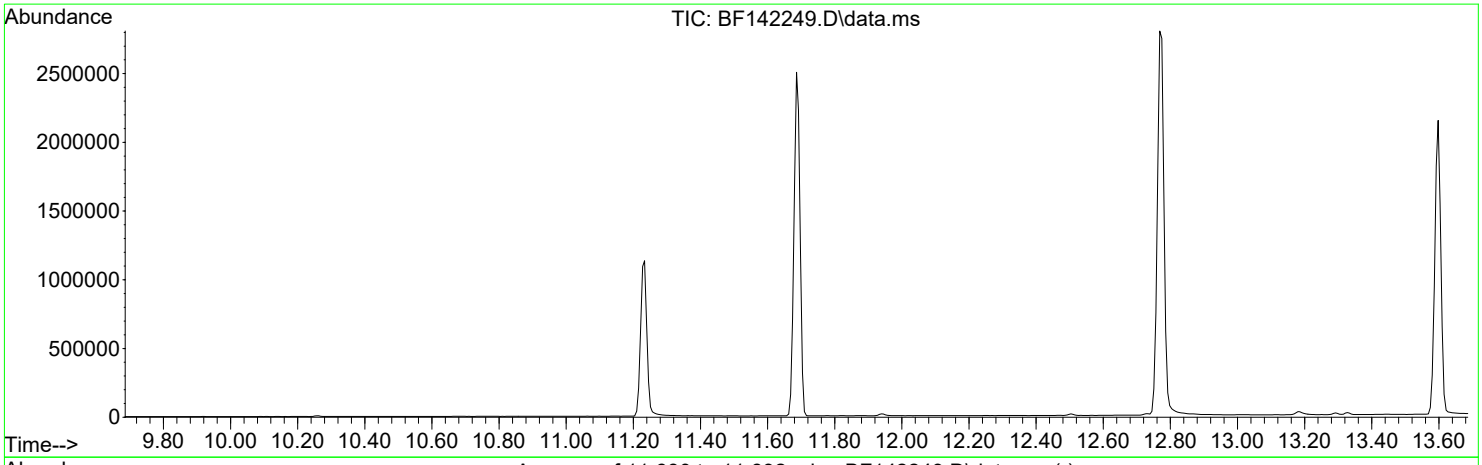
Date	Instrument Name	DFTPP Data File
4/30/2025	BNA_F	BF142238.D
Compound Name	**Response**	**Retention Time**
DDT	378546	13.598
DDD	2841	13.333
DDE	0	12.904
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
2841	381387	0.74

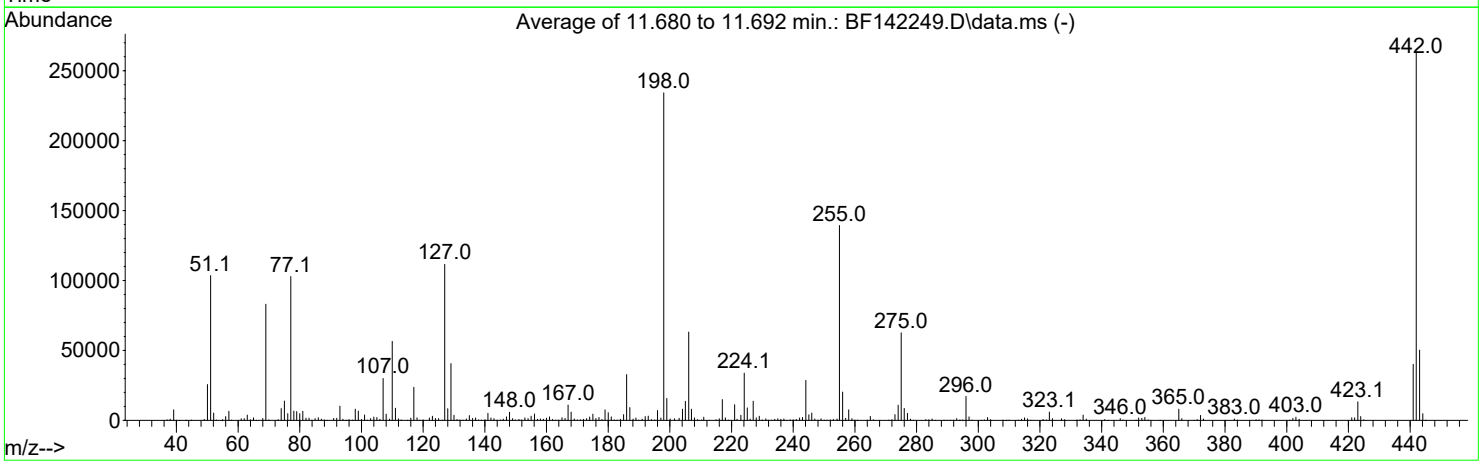
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142249.D
Acq On : 01 May 2025 09:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Apr 30 16:00:01 2025





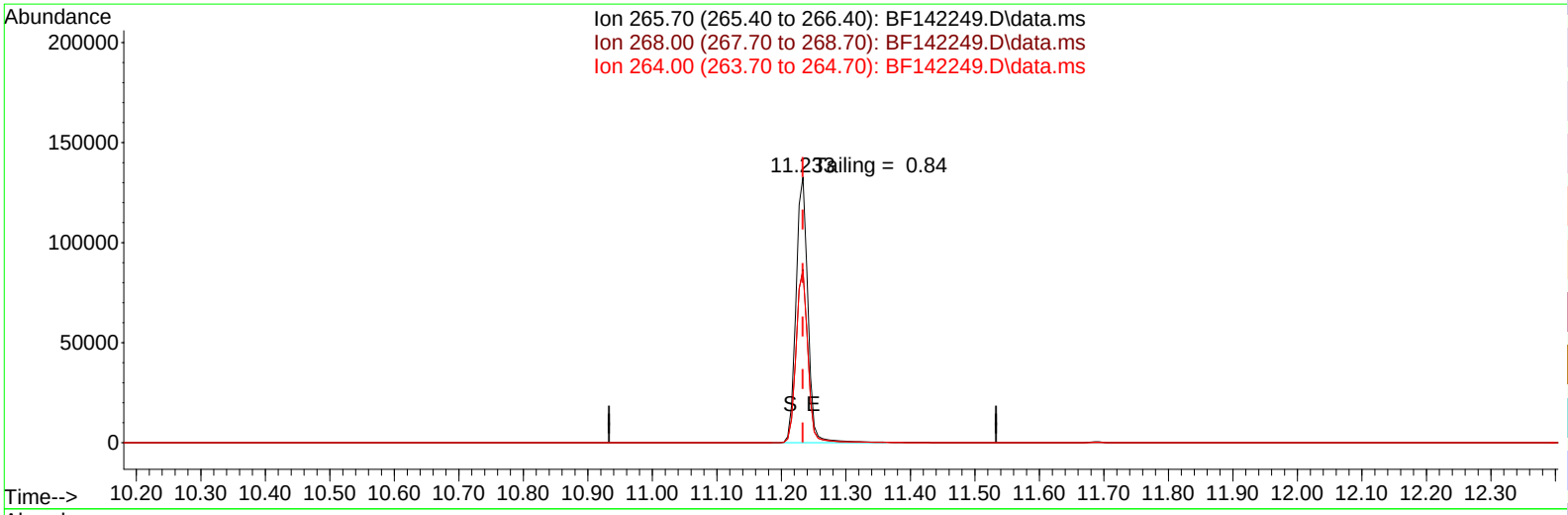
AutoFind: Scans 1613, 1614, 1615; Background Corrected with Scan 1607

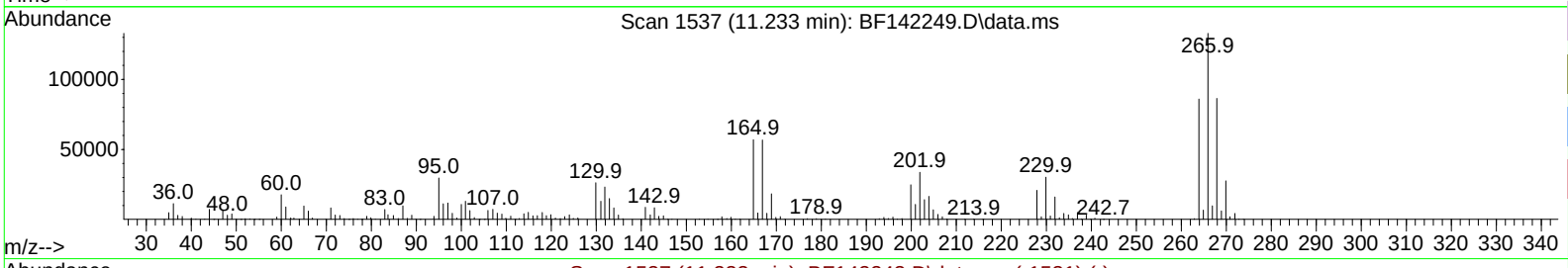
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	44.2	103579	PASS
68	69	0.00	2	1.6	1339	PASS
69	198	0.00	100	35.5	83059	PASS
70	69	0.00	2	0.5	413	PASS
127	198	10	80	47.7	111579	PASS
197	198	0.00	2	0.7	1704	PASS
198	198	100	100	100.0	234155	PASS
199	198	5	9	6.7	15632	PASS
275	198	10	60	26.7	62555	PASS
365	198	1	100	3.4	8074	PASS
441	198	0.01	100	17.1	40008	PASS
442	442	50	100	100.0	263019	PASS
443	442	15	24	19.1	50208	PASS

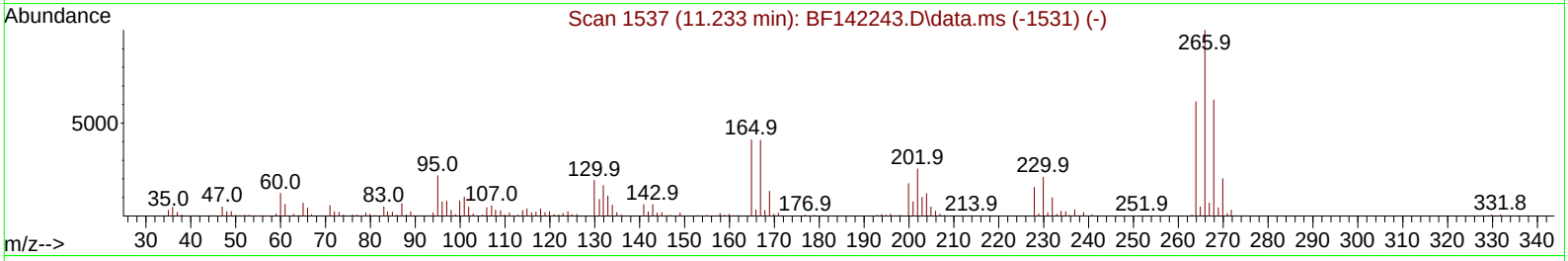
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142249.D
Acq On : 01 May 2025 09:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 01 12:00:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration







TIC: BF142249.D\data.ms

(70) Pentachlorophenol (C)

11.233min (+ 0.000) 113470.87 ng

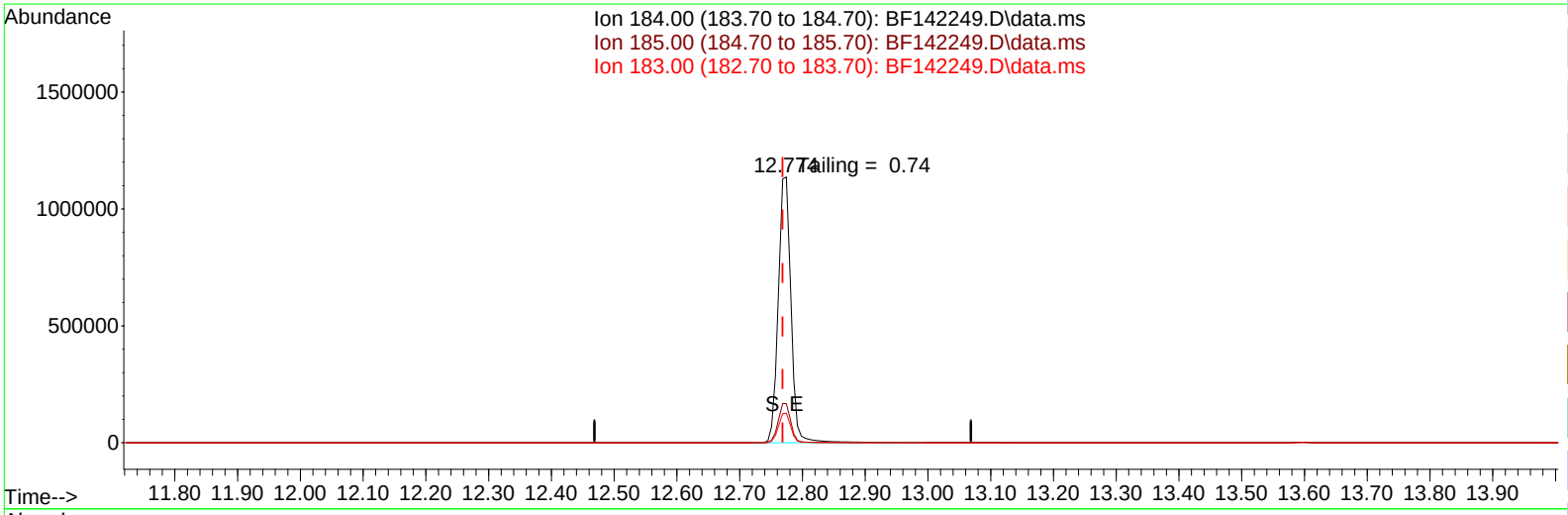
response 170474

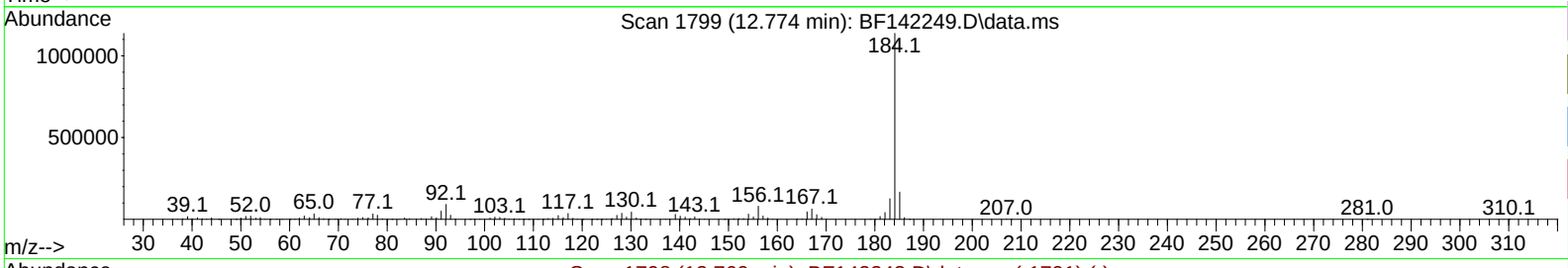
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.50	65.06
264.00	61.60	64.75
0.00	0.00	0.00

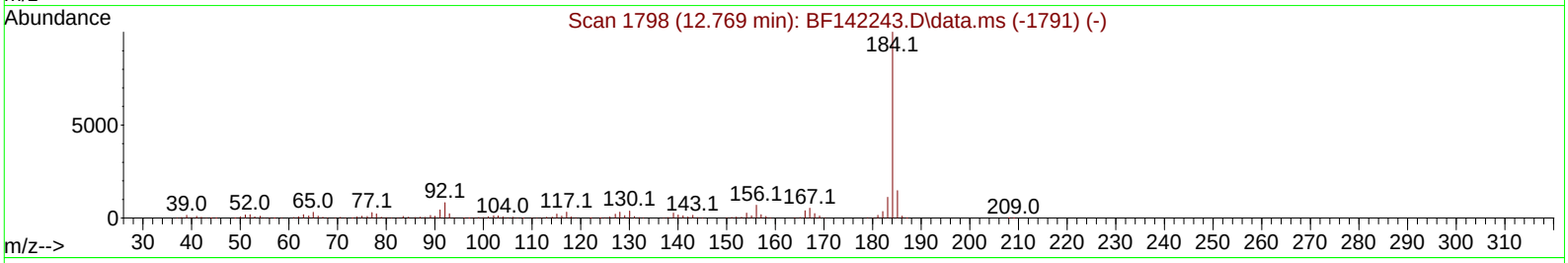
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142249.D
Acq On : 01 May 2025 09:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 01 12:00:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration







TIC: BF142249.D\data.ms

(77) Benzidine

12.774min (+ 0.006) 156734.40 ng

response 1611689

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.70	14.68
183.00	11.10	11.08
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

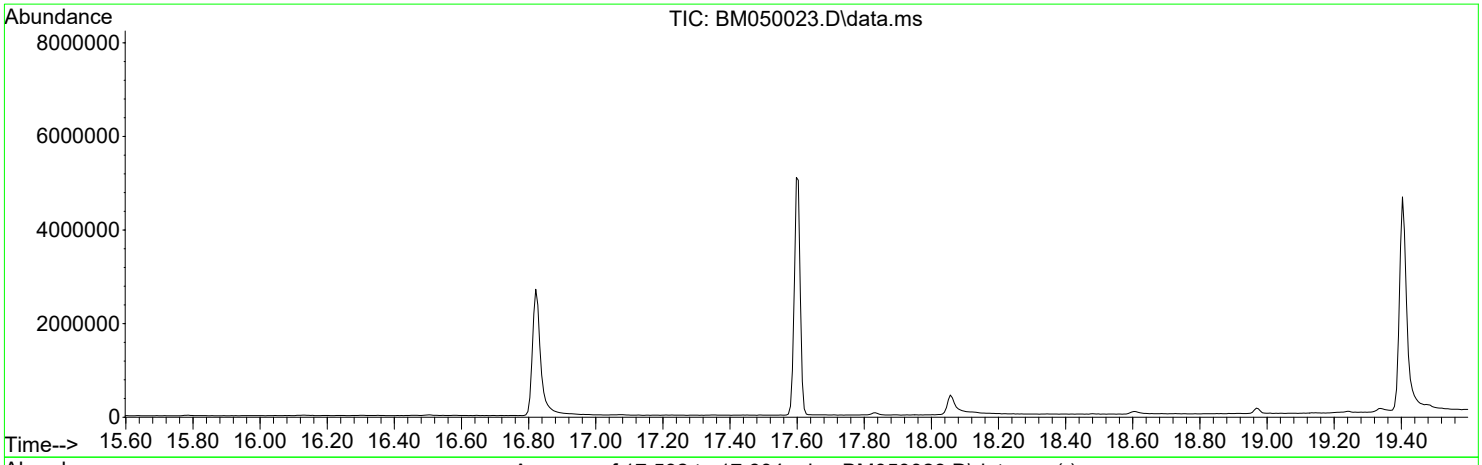
Date	Instrument Name	DFTPP Data File
5/1/2025	BNA_F	BF142249.D
Compound Name	**Response**	**Retention Time**
DDT	427368	13.598
DDD	6172	13.327
DDE	0	12.904
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
6172	433540	1.42

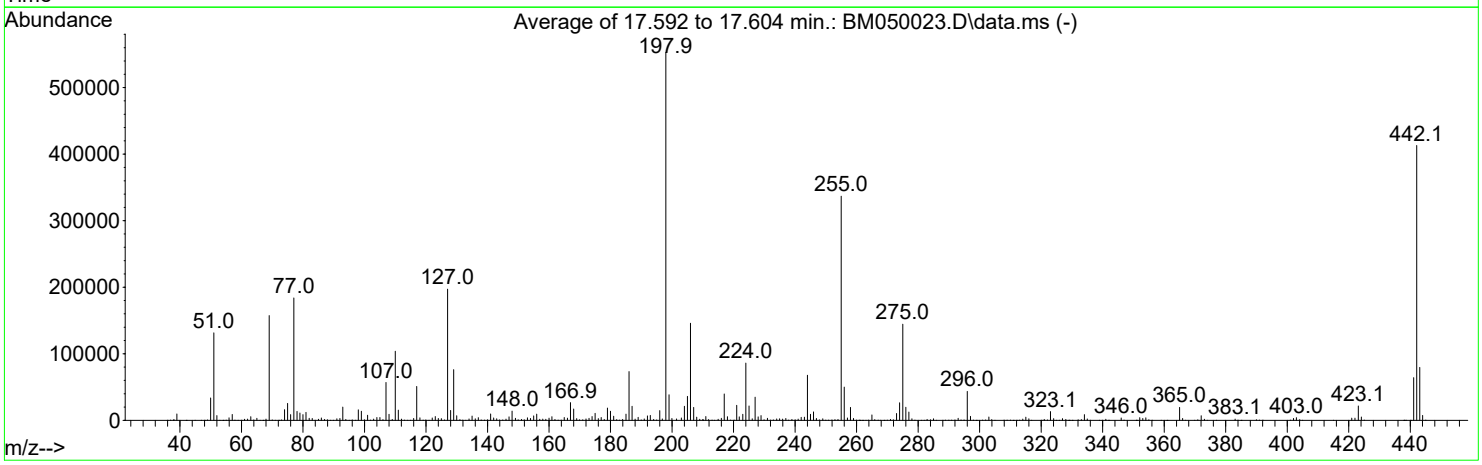
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050023.D
Acq On : 28 Apr 2025 11:46
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 28 18:09:16 2025





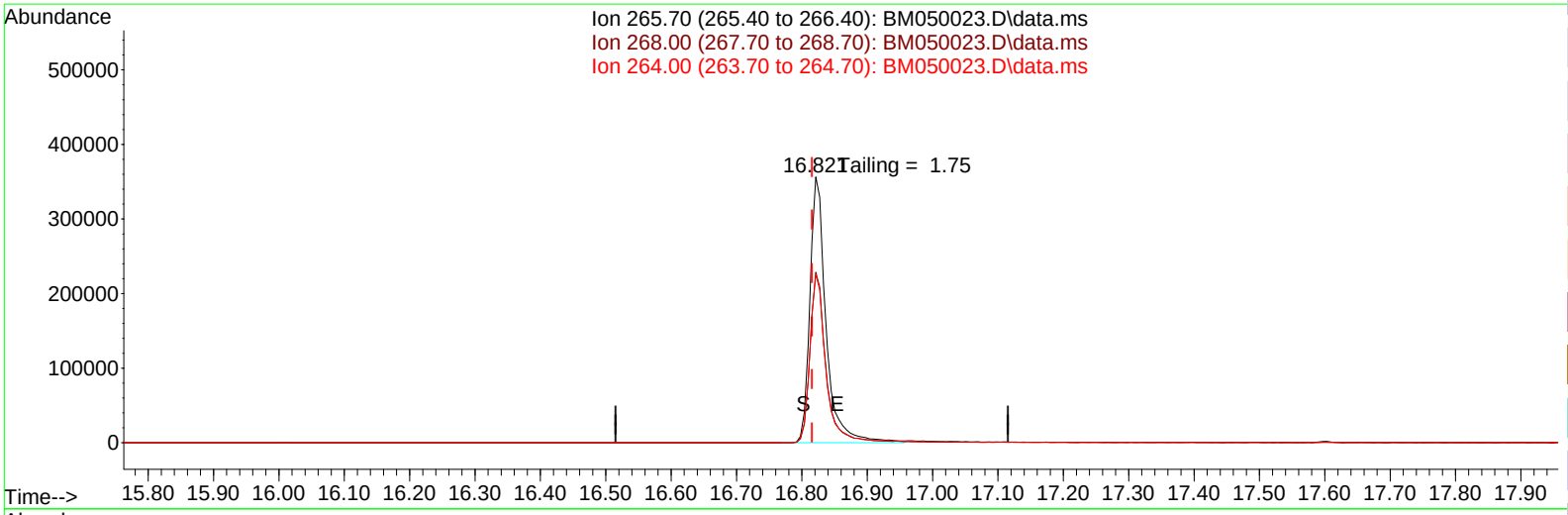
AutoFind: Scans 2483, 2484, 2485; Background Corrected with Scan 2476

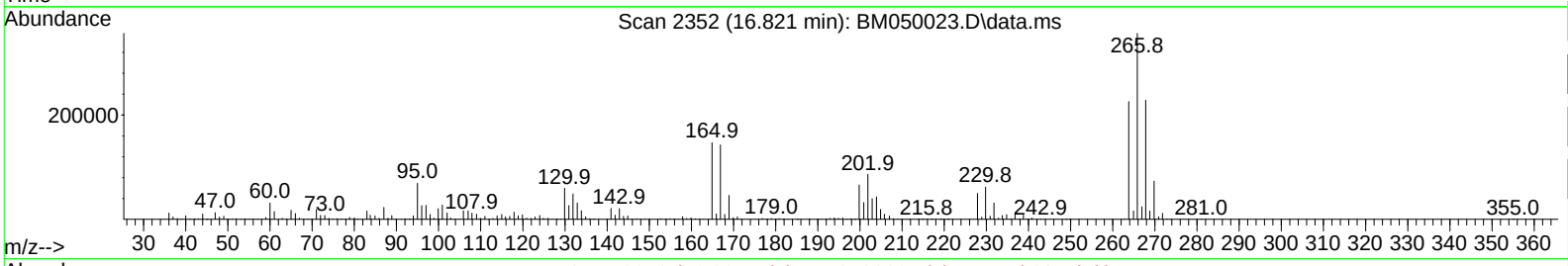
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	23.8	131521	PASS
68	69	0.00	2	1.3	2026	PASS
69	198	0.00	100	28.5	157569	PASS
70	69	0.00	2	0.4	660	PASS
127	198	10	80	35.7	197099	PASS
197	198	0.00	2	0.4	2228	PASS
198	198	100	100	100.0	552704	PASS
199	198	5	9	7.0	38461	PASS
275	198	10	60	26.2	144571	PASS
365	198	1	100	3.5	19537	PASS
441	198	0.01	100	11.6	64259	PASS
442	442	50	100	100.0	413099	PASS
443	442	15	24	19.3	79557	PASS

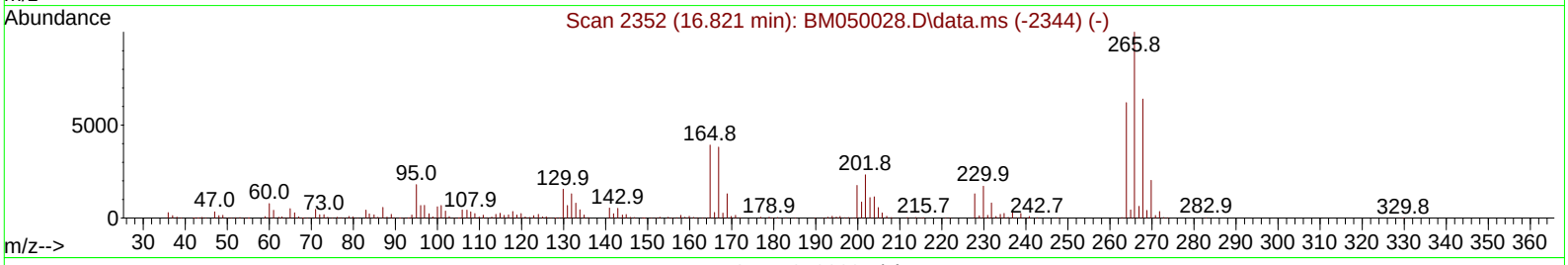
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050023.D
Acq On : 28 Apr 2025 11:46
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Apr 28 15:37:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration







TIC: BM050023.D\data.ms

(70) Pentachlorophenol (C)

16.821min (+ 0.006) 652247.26 ng

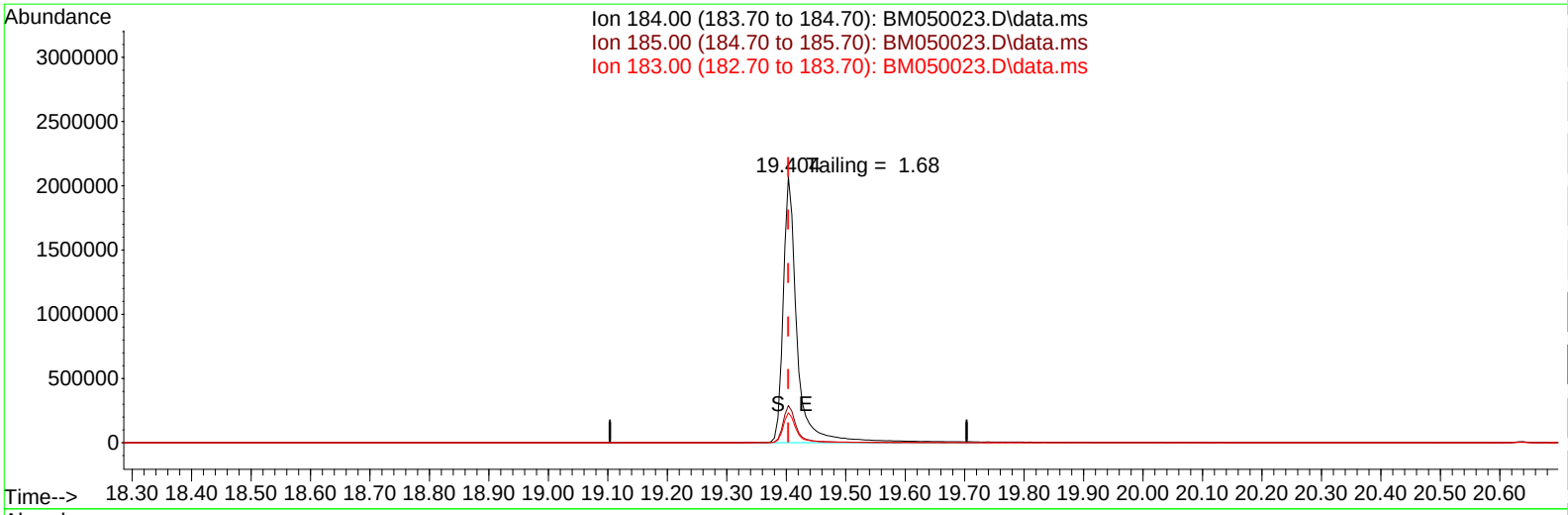
response 613835

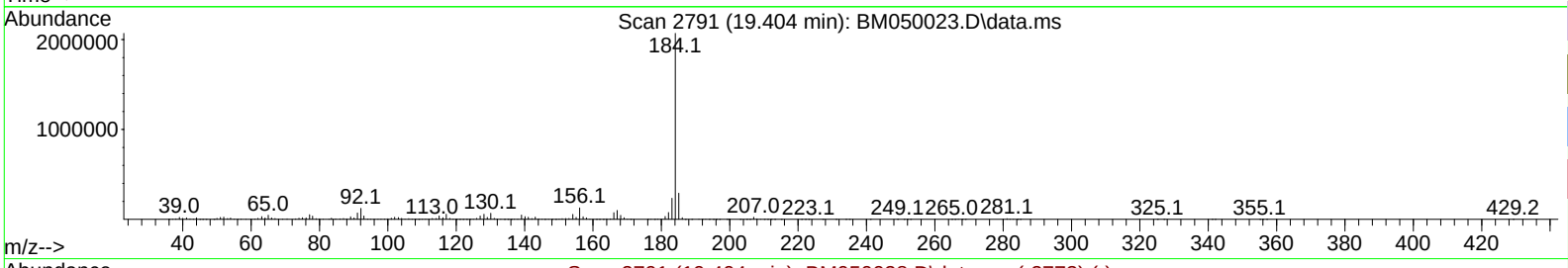
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.30	64.13
264.00	62.30	63.38
0.00	0.00	0.00

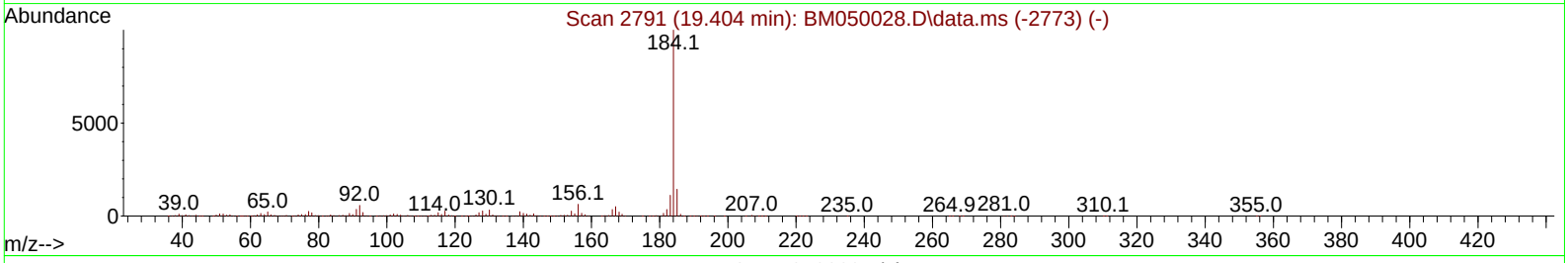
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050023.D
Acq On : 28 Apr 2025 11:46
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Apr 28 15:37:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration







TIC: BM050023.D\data.ms

(77) Benzidine

19.404min (+ 0.000) 1761877.84 ng

response 3412576

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.30	14.06
183.00	11.00	11.29
0.00	0.00	0.00

Instrument :
BNA_M
ClientSampleId :
DFTPP

DDT Breakdown

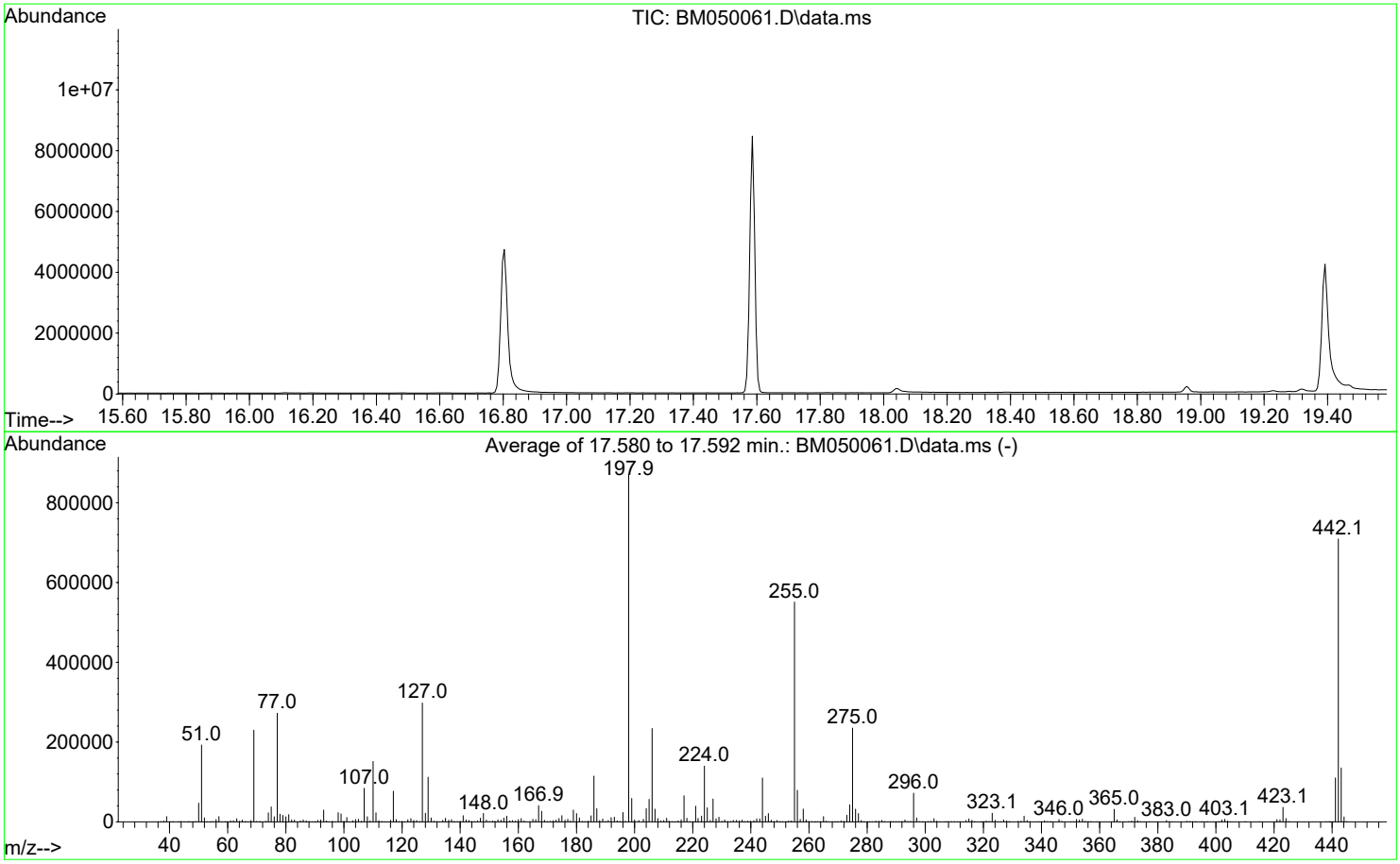
Date	Instrument Name	DFTPP Data File
4/28/2025	BNA_M	BM050023.D
Compound Name	**Response**	**Retention Time**
DDT	1978095	20.639
DDD	17600	20.251
DDE	1351	19.692
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
18951	1997046	0.95

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050061.D
Acq On : 01 May 2025 12:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 28 18:09:16 2025



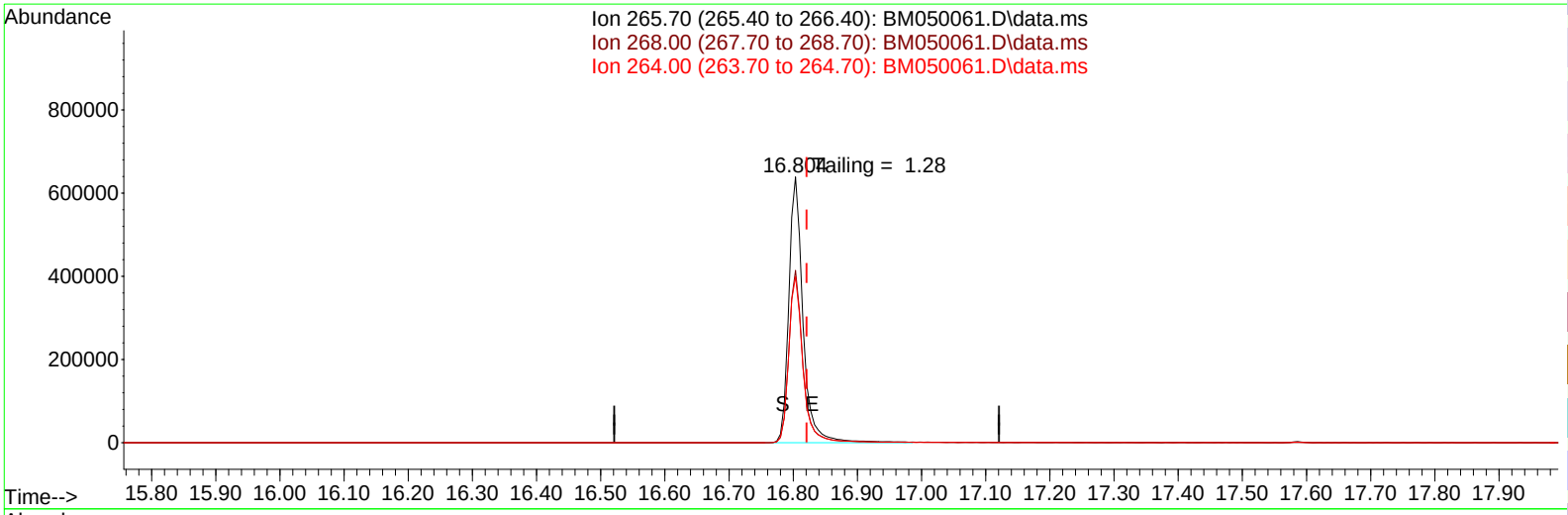
AutoFind: Scans 2481, 2482, 2483; Background Corrected with Scan 2474

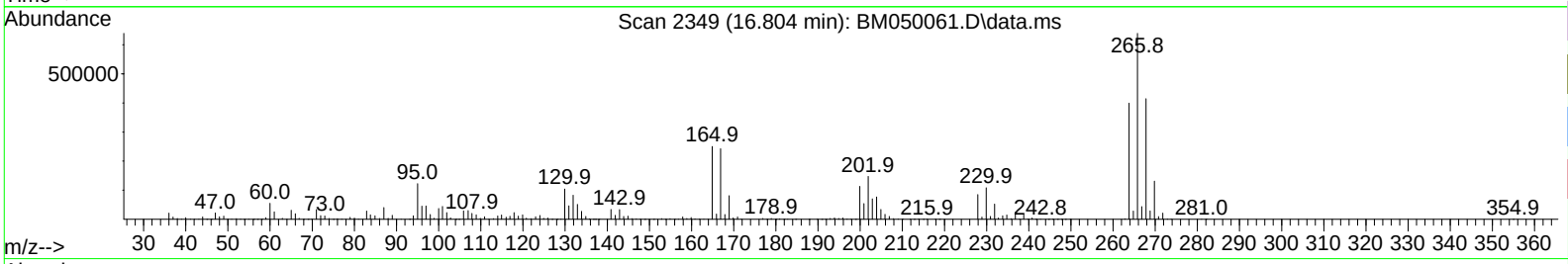
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	22.1	192815	PASS
68	69	0.00	2	1.5	3449	PASS
69	198	0.00	100	26.4	230047	PASS
70	69	0.00	2	0.4	961	PASS
127	198	10	80	34.3	298304	PASS
197	198	0.00	2	0.2	1539	PASS
198	198	100	100	100.0	870933	PASS
199	198	5	9	6.7	58768	PASS
275	198	10	60	27.0	235264	PASS
365	198	1	100	3.6	31597	PASS
441	198	0.01	100	12.6	110144	PASS
442	442	50	100	100.0	709184	PASS
443	442	15	24	19.1	135272	PASS

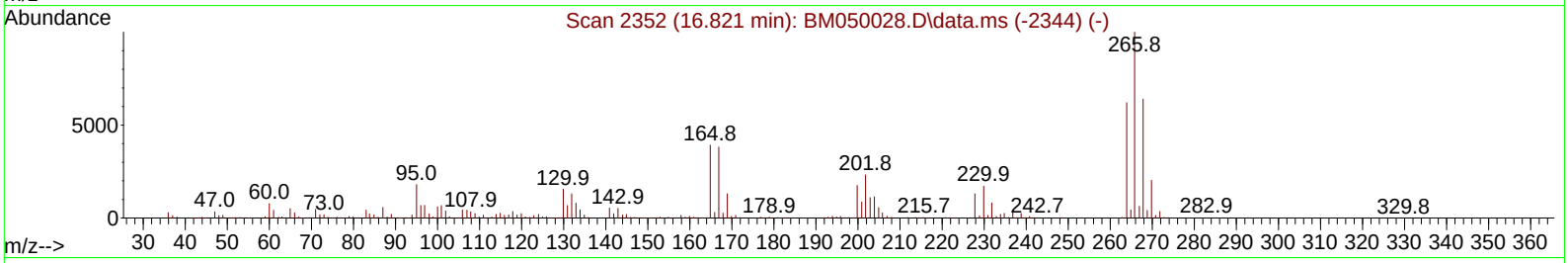
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050061.D
Acq On : 01 May 2025 12:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: May 01 13:23:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration







TIC: BM050061.D\data.ms

(70) Pentachlorophenol (C)

16.804min (-0.017) 298828.62 ng

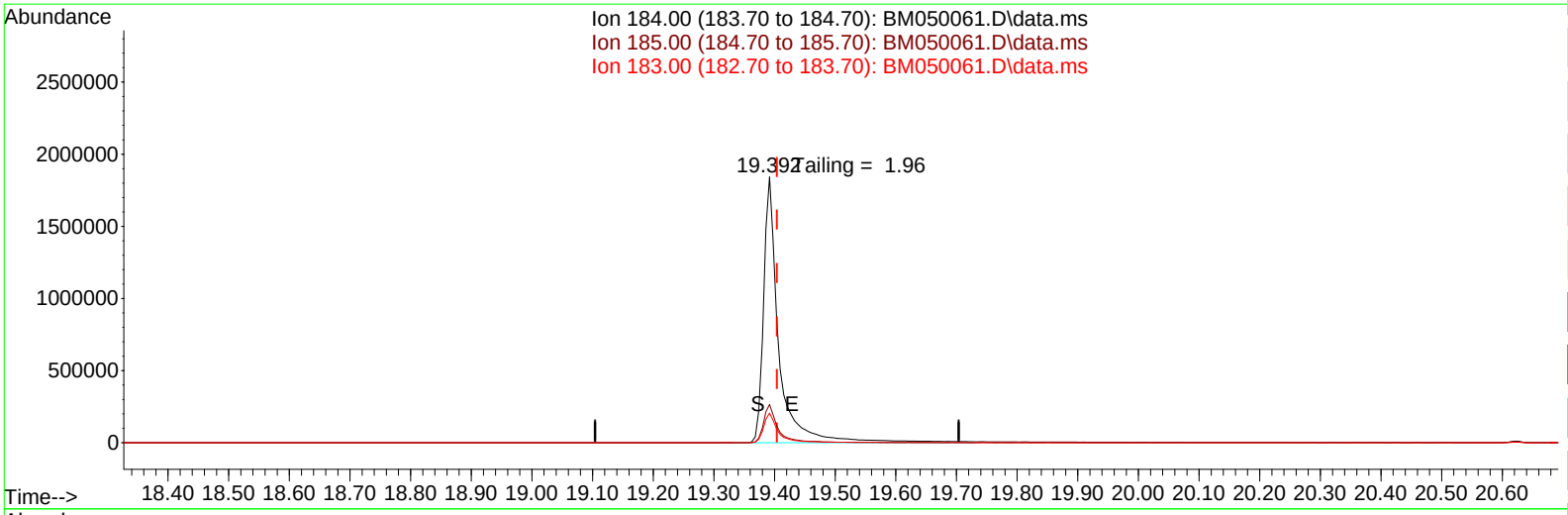
response 984778

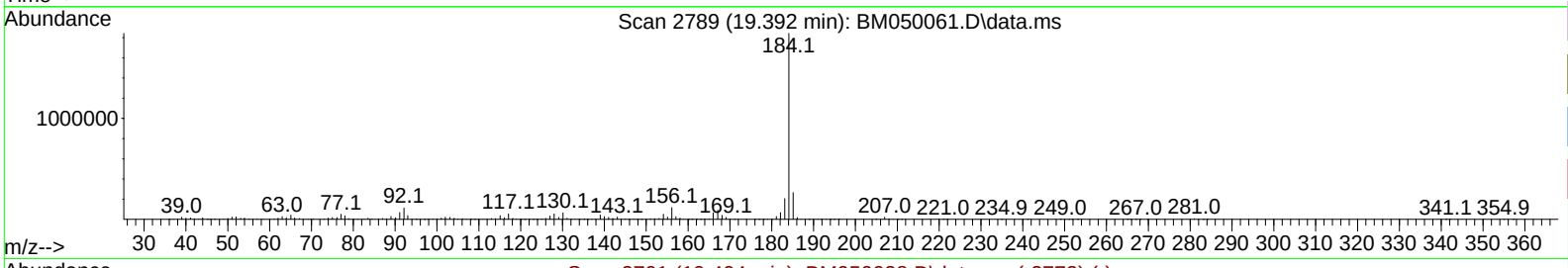
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.00	64.86
264.00	62.00	62.48
0.00	0.00	0.00

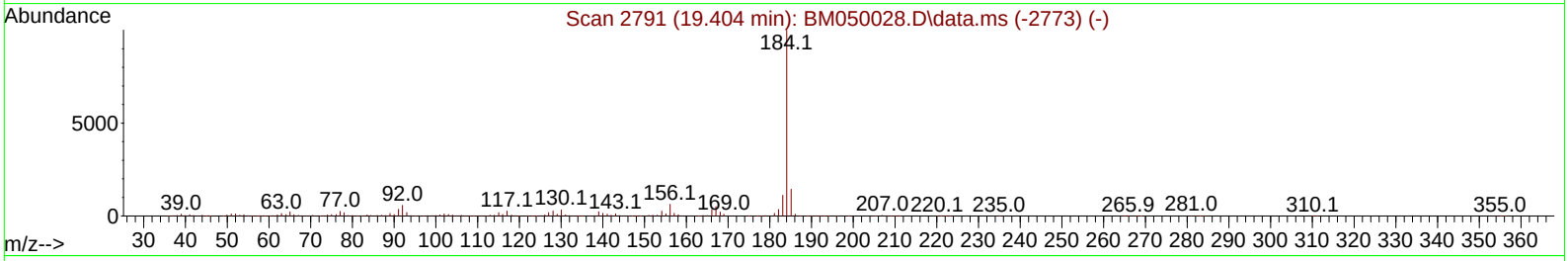
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050061.D
Acq On : 01 May 2025 12:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: May 01 13:23:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration







TIC: BM050061.D\data.ms

(77) Benzidine

19.392min (-0.012) 77464.20 ng

response 3260623

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.41
183.00	11.10	11.16
0.00	0.00	0.00

Instrument :
BNA_M
ClientSampleId :
DFTPP

DDT Breakdown

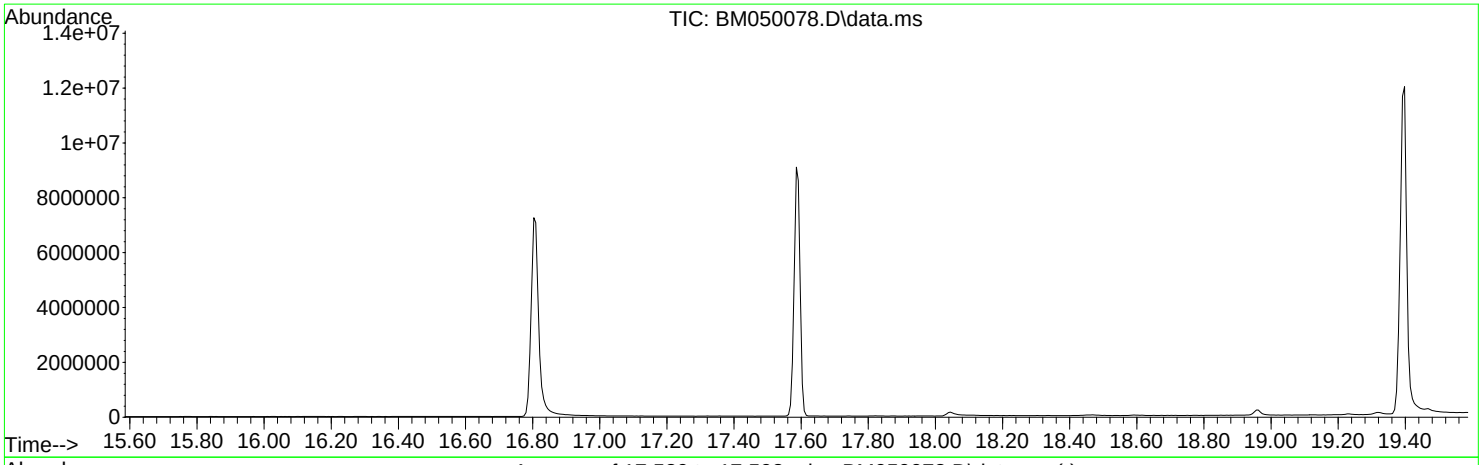
Date	Instrument Name	DFTPP Data File
5/1/2025	BNA_M	BM050061.D
Compound Name	**Response**	**Retention Time**
DDT	2747273	20.621
DDD	53335	20.186
DDE	3538	19.68
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
56873	2804146	2.03

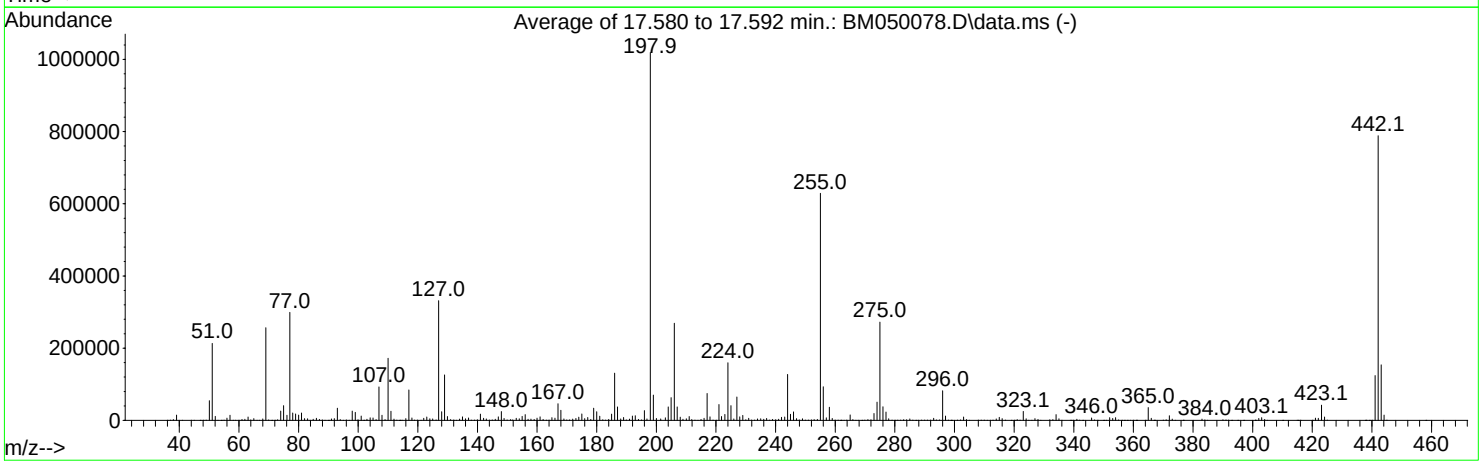
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050078.D
Acq On : 02 May 2025 09:54
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 28 18:09:16 2025





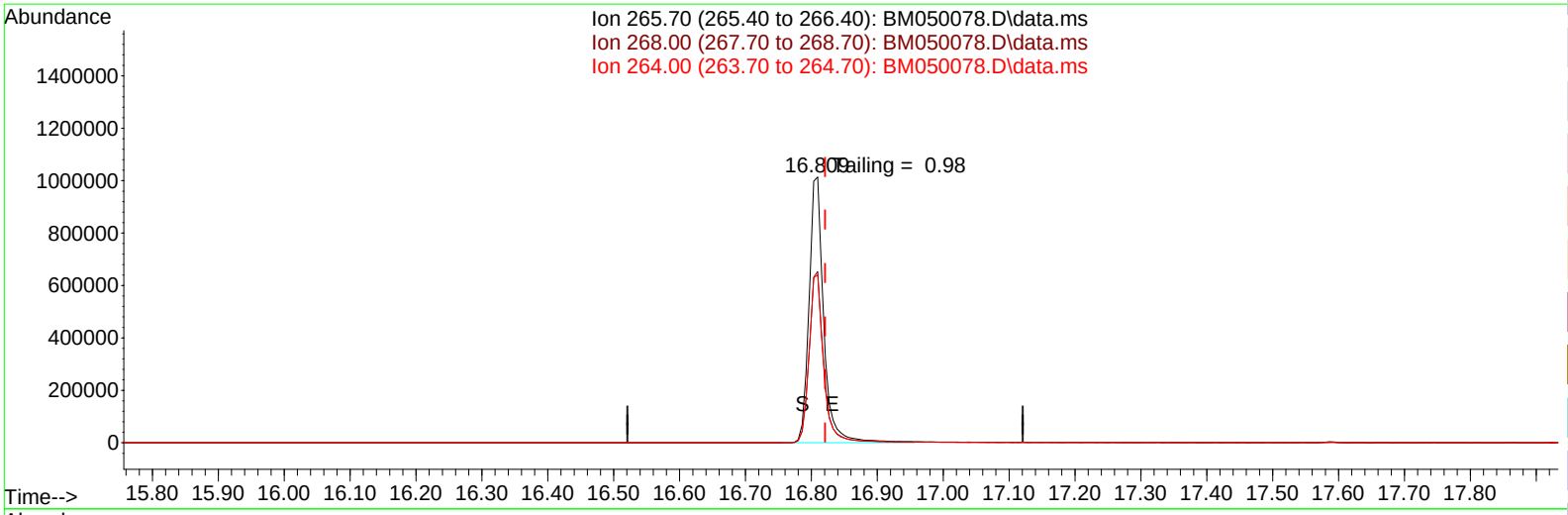
AutoFind: Scans 2481, 2482, 2483; Background Corrected with Scan 2474

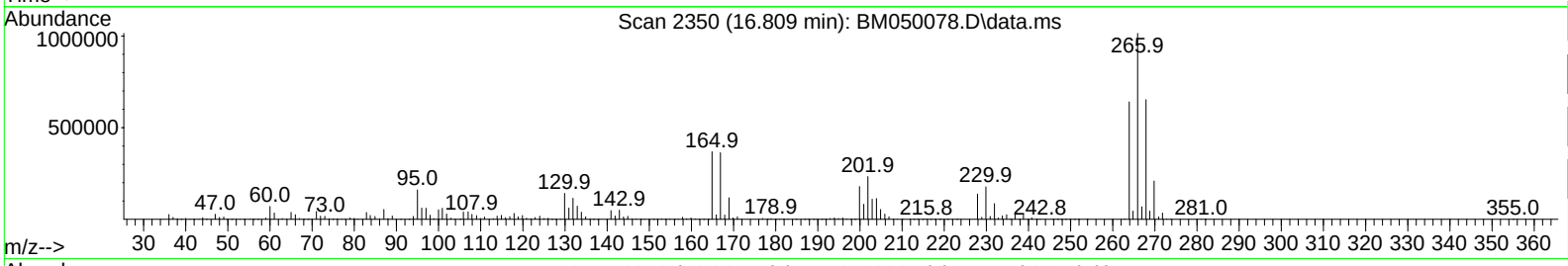
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	20.9	213274	PASS
68	69	0.00	2	1.5	3940	PASS
69	198	0.00	100	25.2	256603	PASS
70	69	0.00	2	0.5	1404	PASS
127	198	10	80	32.5	331392	PASS
197	198	0.00	2	0.4	4038	PASS
198	198	100	100	100.0	1019051	PASS
199	198	5	9	6.9	70171	PASS
275	198	10	60	26.7	272043	PASS
365	198	1	100	3.5	35432	PASS
441	198	0.01	100	12.2	124285	PASS
442	442	50	100	100.0	788395	PASS
443	442	15	24	19.5	153928	PASS

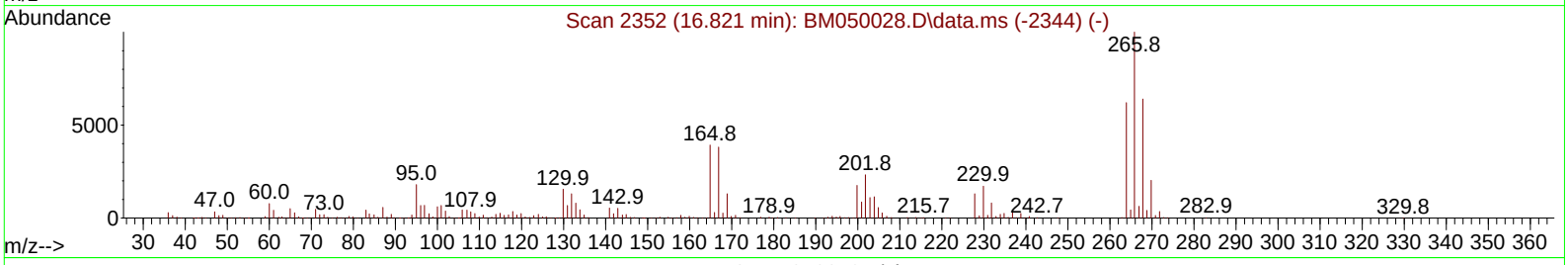
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050078.D
Acq On : 02 May 2025 09:54
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: May 02 11:44:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration







TIC: BM050078.D\data.ms

(70) Pentachlorophenol (C)

16.809min (-0.012) 427399.30 ng

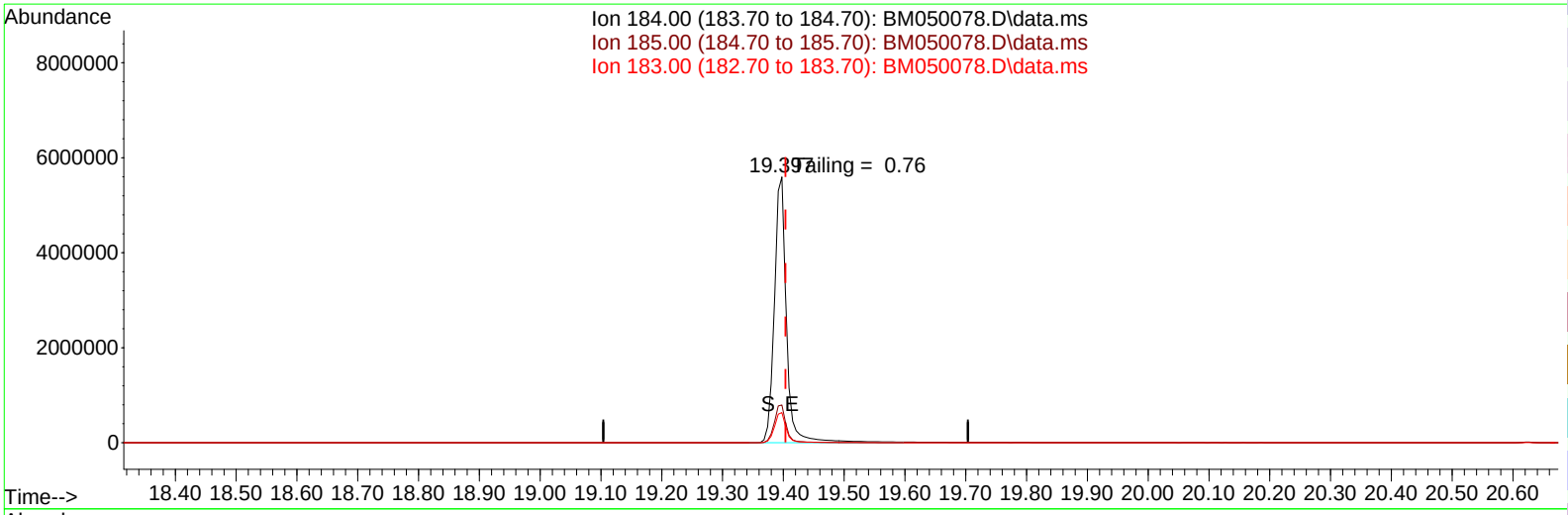
response 1566093

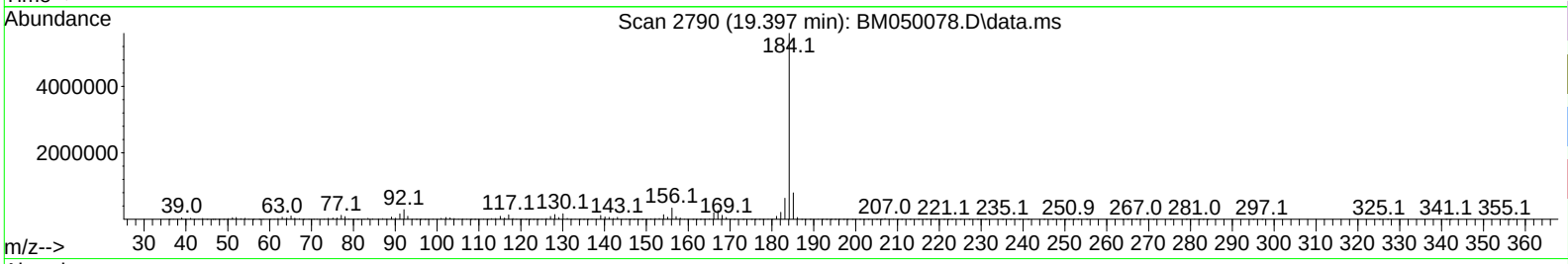
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.00	64.32
264.00	62.00	63.17
0.00	0.00	0.00

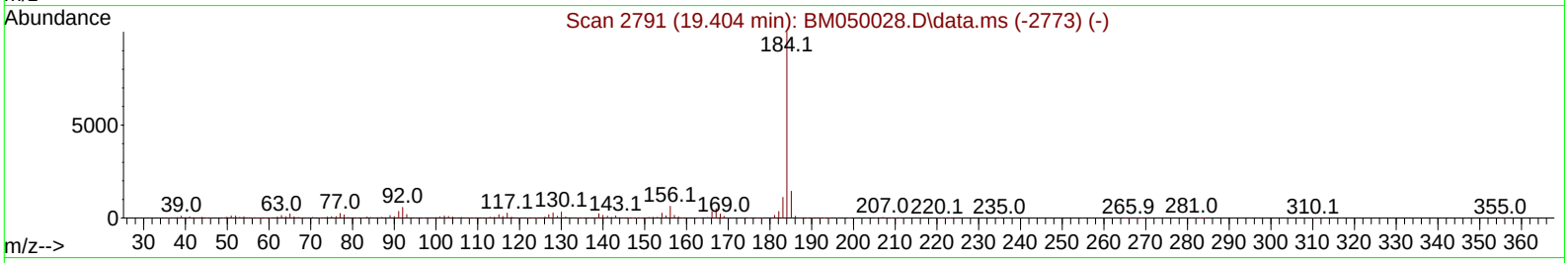
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050078.D
Acq On : 02 May 2025 09:54
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: May 02 11:44:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration







TIC: BM050078.D\data.ms

(77) Benzidine

19.397min (-0.007) 114069.32 ng

response 7848374

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.21
183.00	11.10	11.35
0.00	0.00	0.00

Instrument :
BNA_M
ClientSampleId :
DFTPP

DDT Breakdown

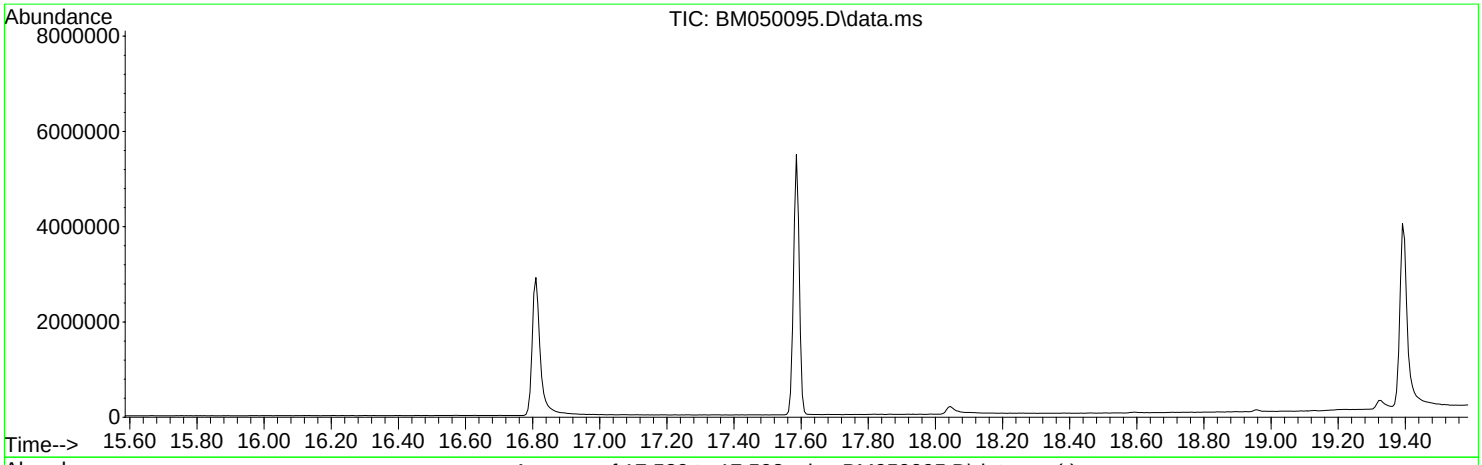
Date	Instrument Name	DFTPP Data File
5/2/2025	BNA_M	BM050078.D
Compound Name	**Response**	**Retention Time**
DDT	3643029	20.627
DDD	45893	20.233
DDE	2791	19.68
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
48684	3691713	1.32

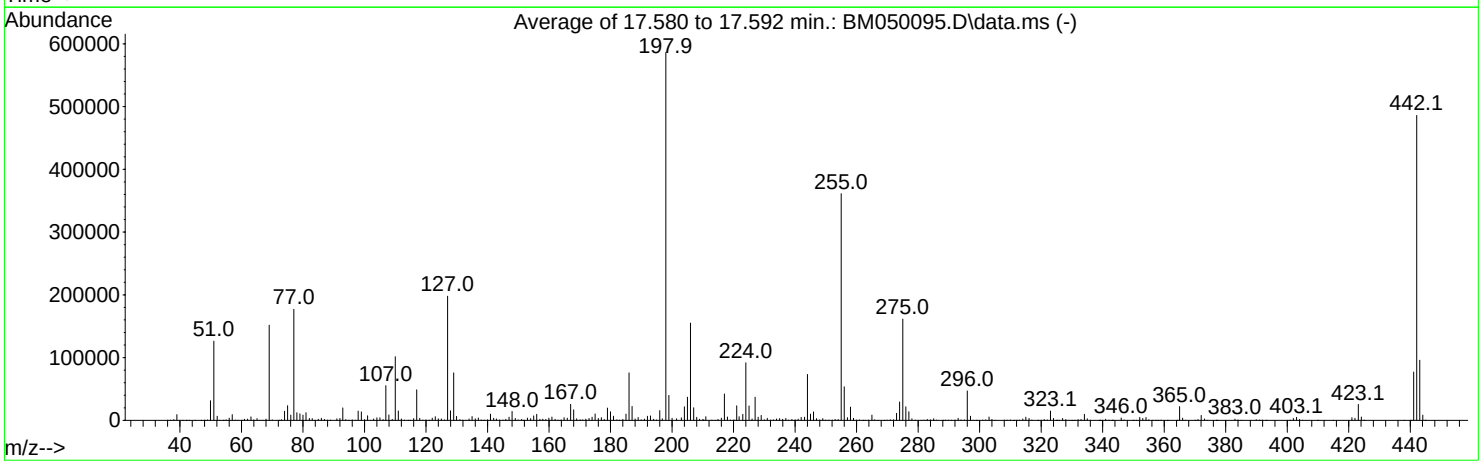
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050095.D
Acq On : 05 May 2025 11:39
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 28 18:09:16 2025





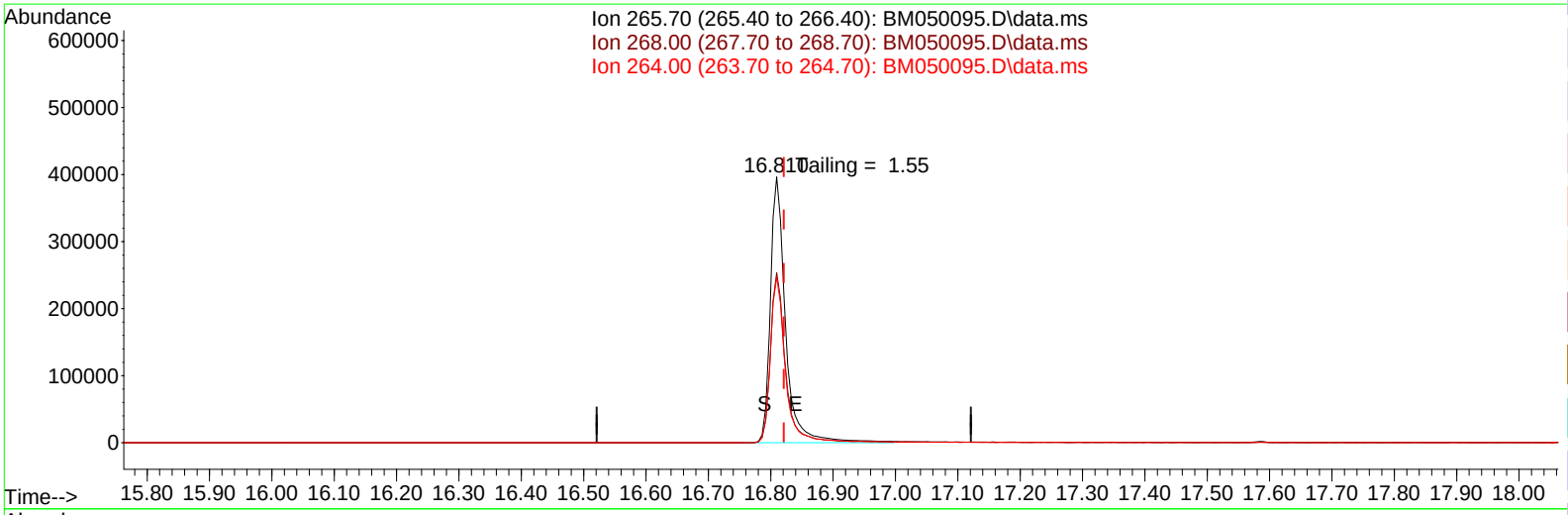
AutoFind: Scans 2481, 2482, 2483; Background Corrected with Scan 2474

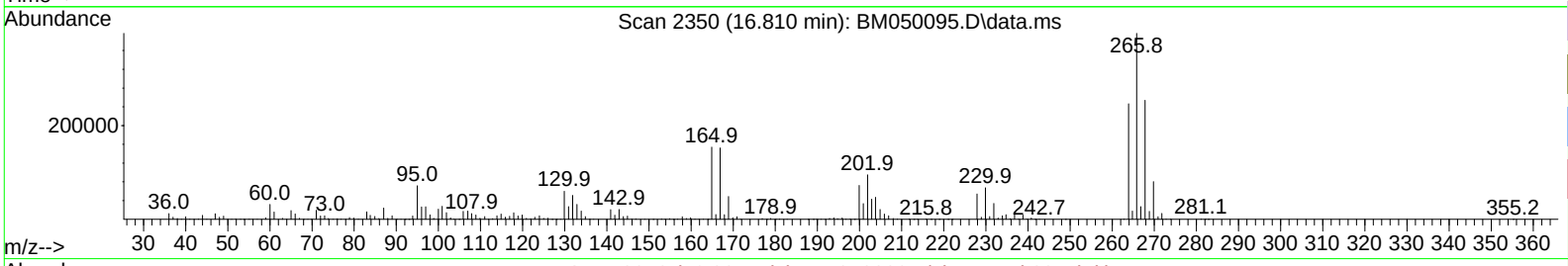
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	21.5	126193	PASS
68	69	0.00	2	1.4	2128	PASS
69	198	0.00	100	25.9	151749	PASS
70	69	0.00	2	0.5	753	PASS
127	198	10	80	33.8	197867	PASS
197	198	0.00	2	0.4	2535	PASS
198	198	100	100	100.0	586155	PASS
199	198	5	9	6.8	39909	PASS
275	198	10	60	27.5	161365	PASS
365	198	1	100	3.8	21988	PASS
441	198	0.01	100	13.2	77099	PASS
442	442	50	100	100.0	485995	PASS
443	442	15	24	19.7	95787	PASS

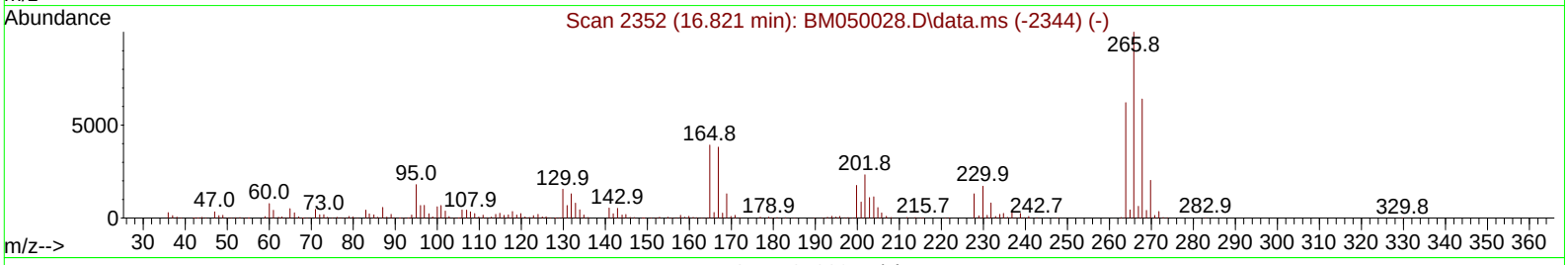
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050095.D
Acq On : 05 May 2025 11:39
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: May 05 12:15:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration







TIC: BM050095.D\data.ms

(70) Pentachlorophenol (C)

16.810min (-0.011) 1373115.00 ng

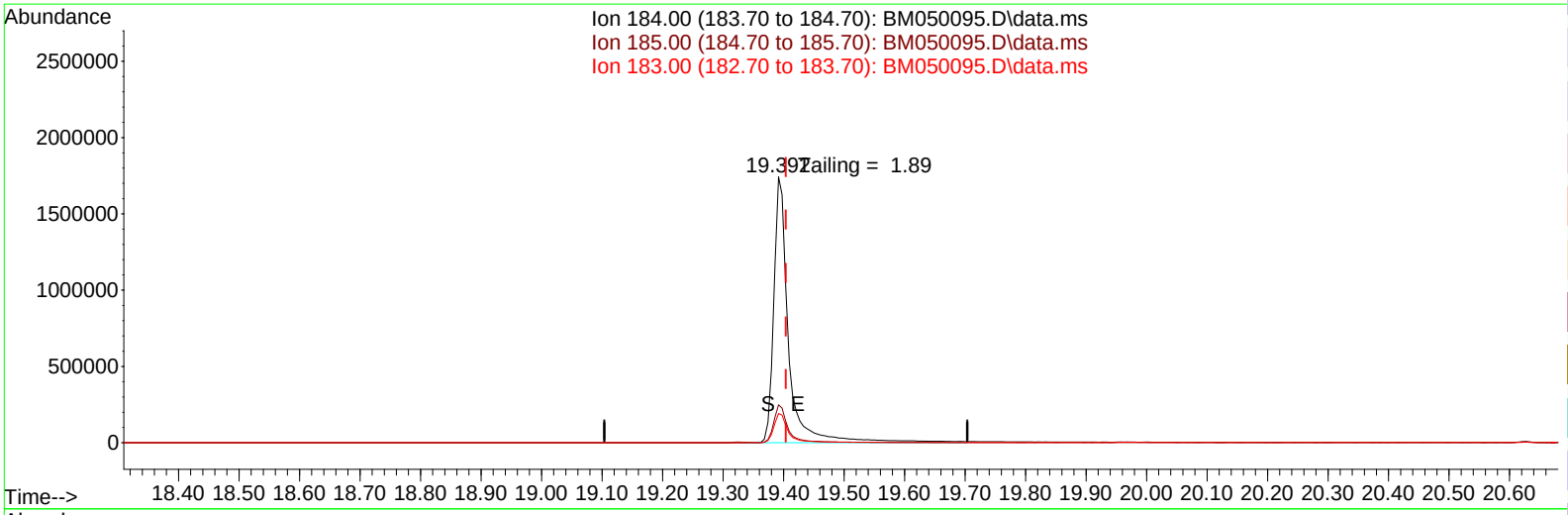
response 678757

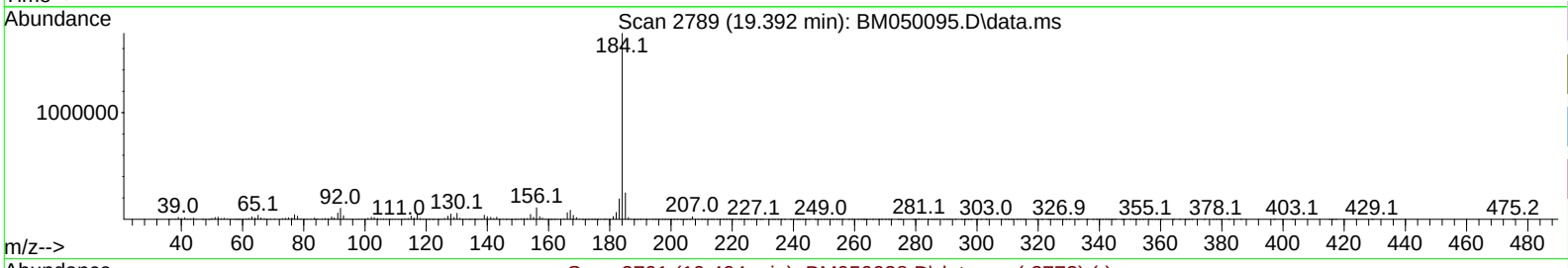
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.00	64.04
264.00	62.00	62.19
0.00	0.00	0.00

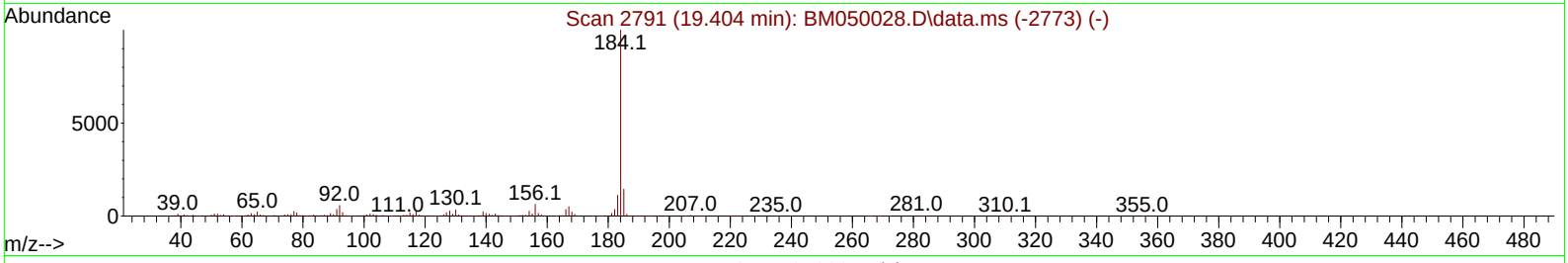
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050095.D
Acq On : 05 May 2025 11:39
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: May 05 12:15:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration







TIC: BM050095.D\data.ms

(77) Benzidine

19.392min (-0.012) 74251.17 ng

response 2996145

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.25
183.00	11.10	11.02
0.00	0.00	0.00

Instrument :
BNA_M
ClientSampleId :
DFTPP

DDT Breakdown

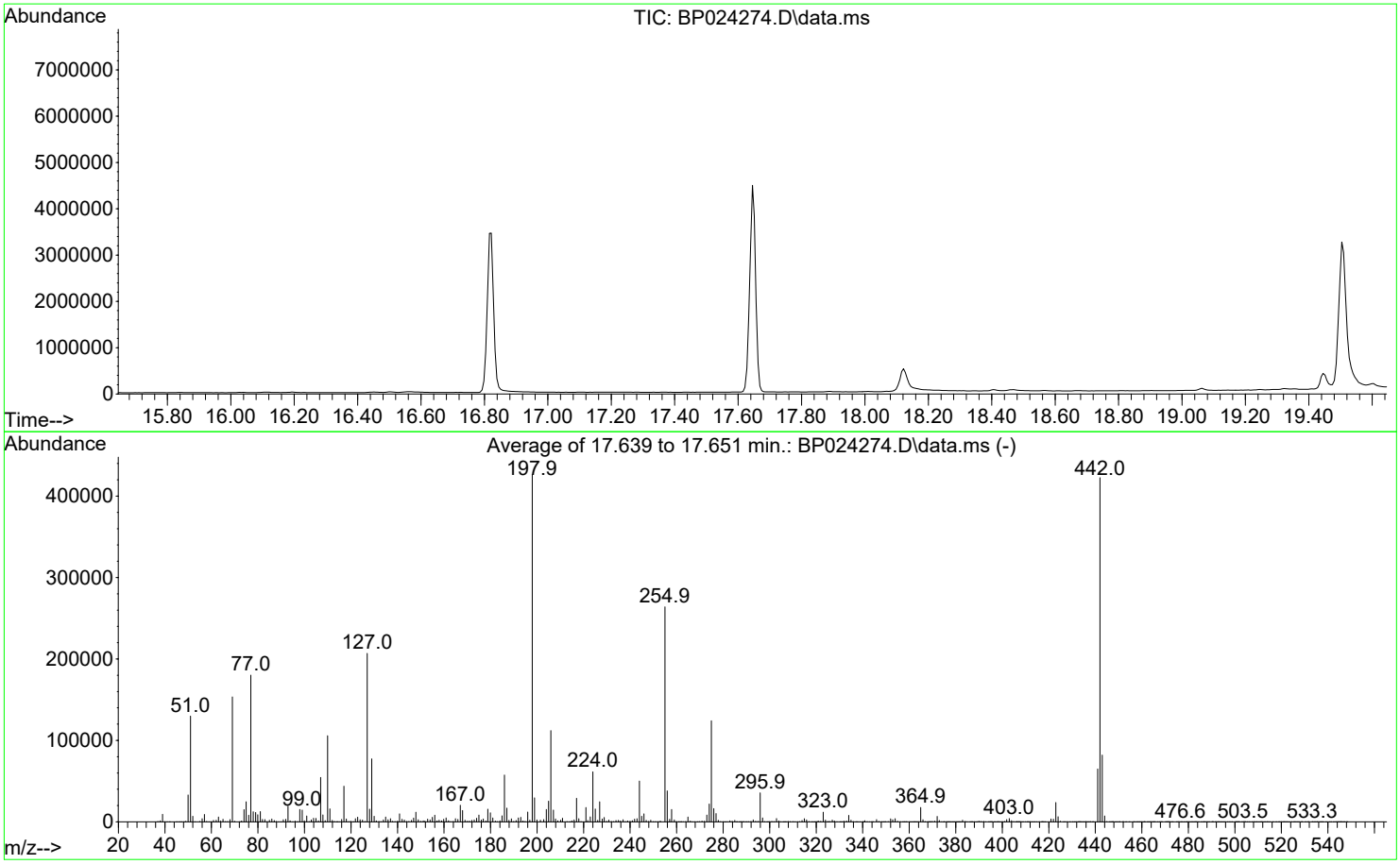
Date	Instrument Name	DFTPP Data File
5/5/2025	BNA_M	BM050095.D
Compound Name	**Response**	**Retention Time**
DDT	1857543	20.627
DDD	41765	20.192
DDE	2860	19.68
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
44625	1902168	2.35

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024274.D
Acq On : 14 Apr 2025 10:25
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Apr 15 04:48:42 2025



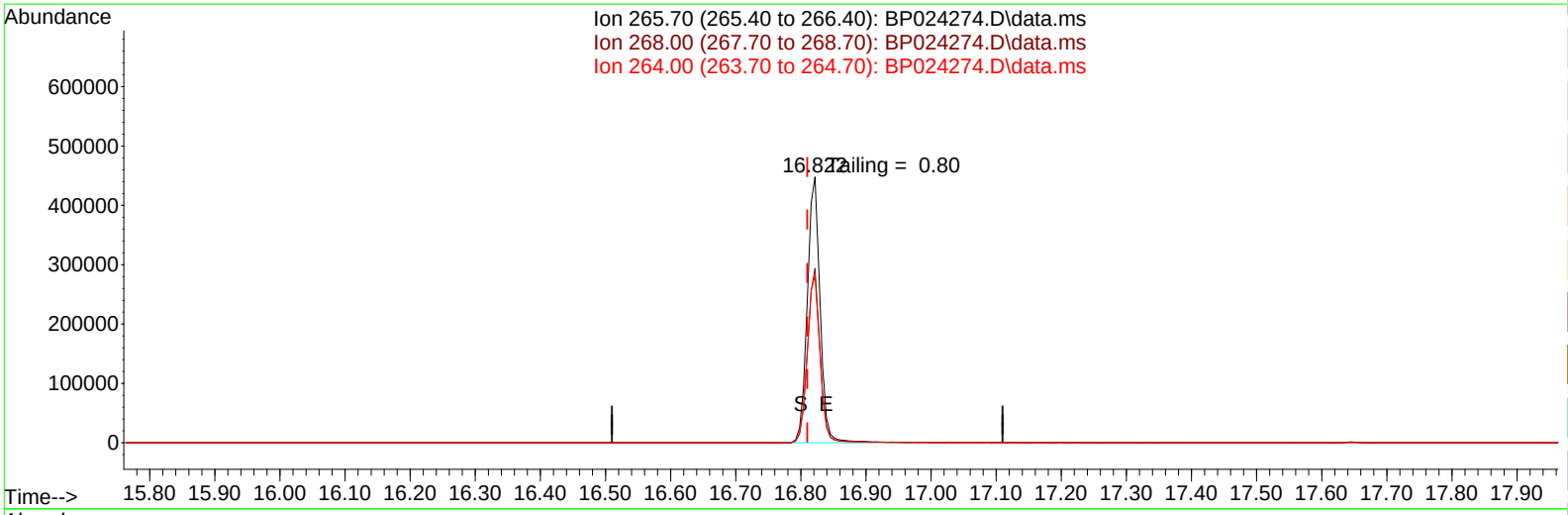
AutoFind: Scans 2474, 2475, 2476; Background Corrected with Scan 2463

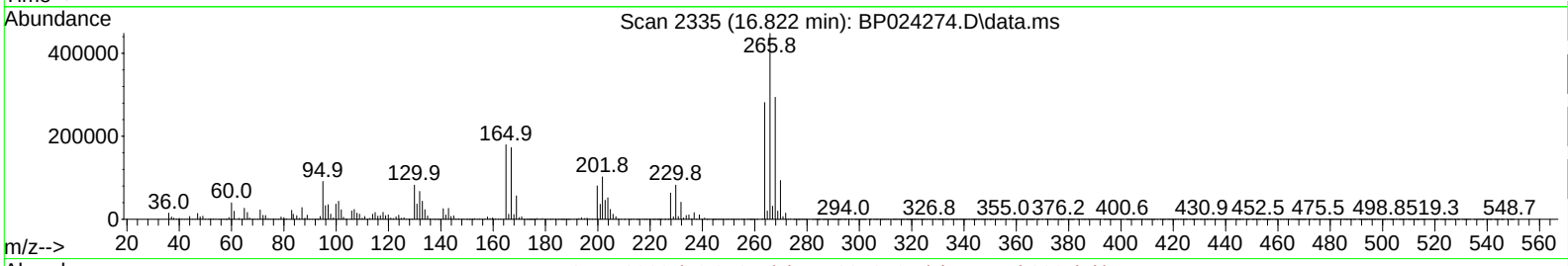
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	30.4	129796	PASS
68	69	0.00	2	1.8	2815	PASS
69	198	0.00	100	36.0	153442	PASS
70	69	0.00	2	0.5	836	PASS
127	198	10	80	48.5	206858	PASS
197	198	0.00	2	0.5	2122	PASS
198	198	100	100	100.0	426527	PASS
199	198	5	9	6.9	29549	PASS
275	198	10	60	29.1	124199	PASS
365	198	1	100	4.1	17663	PASS
441	198	0.01	100	15.2	64862	PASS
442	442	100	100	100.0	422528	PASS
443	442	15	24	19.4	82090	PASS

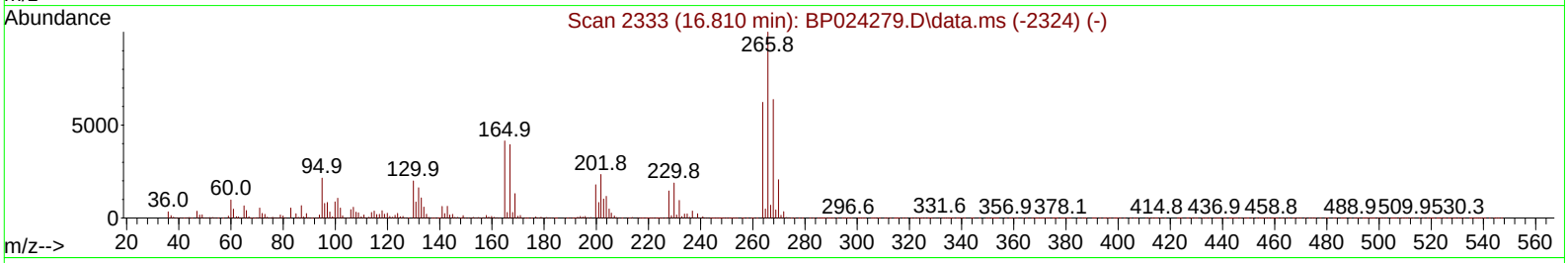
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024274.D
Acq On : 14 Apr 2025 10:25
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Apr 14 15:07:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 15:04:09 2025
Response via : Initial Calibration







TIC: BP024274.D\data.ms

(70) Pentachlorophenol (C)

16.822min (+ 0.012) 3117222.42 ng

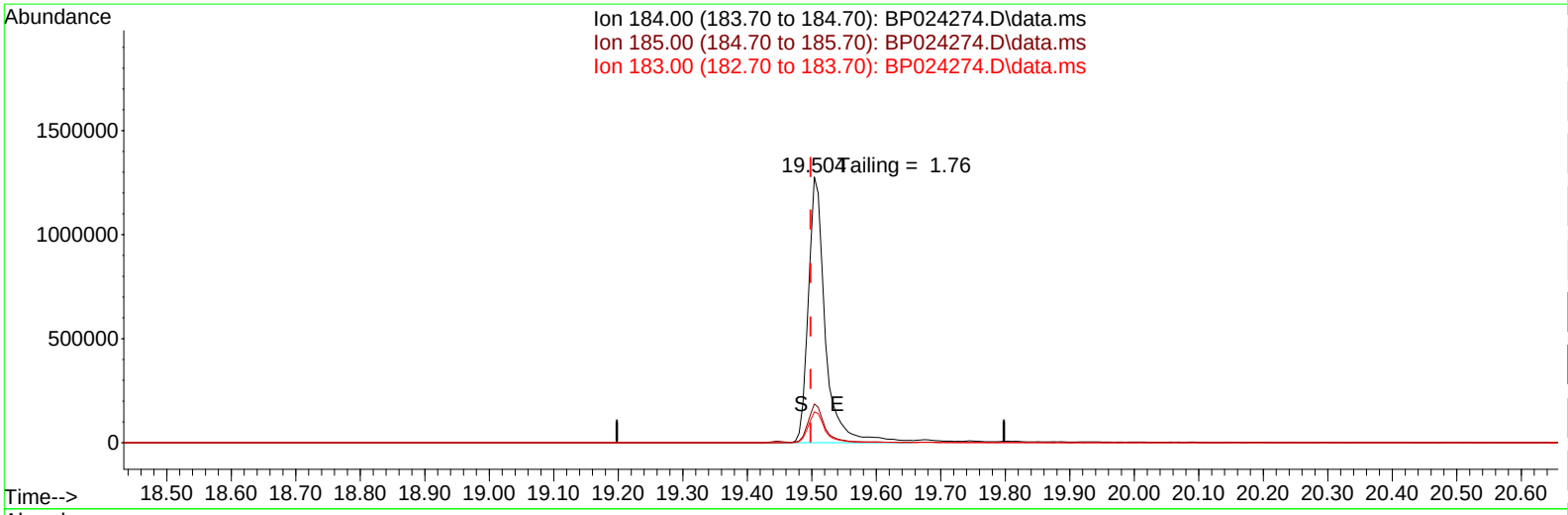
response 611847

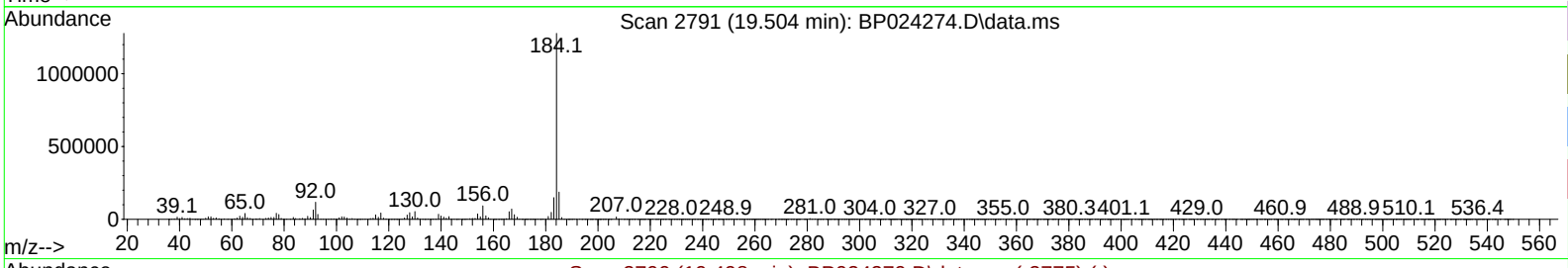
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	65.61
264.00	62.20	62.81
0.00	0.00	0.00

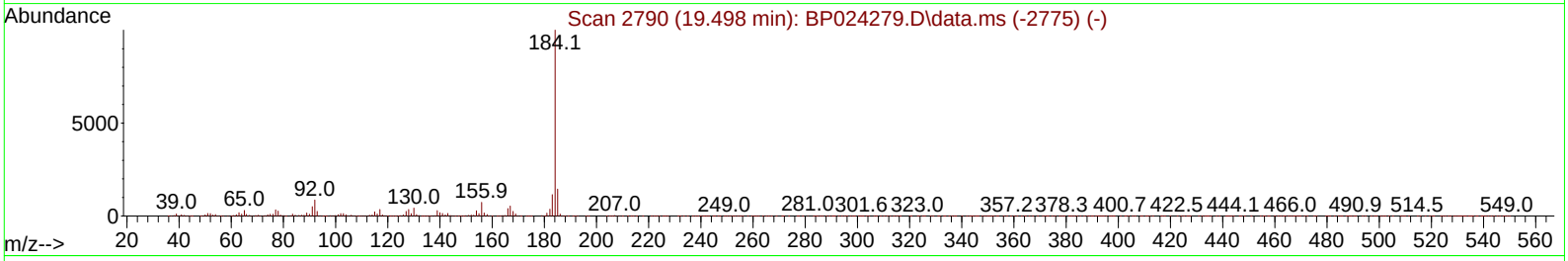
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024274.D
Acq On : 14 Apr 2025 10:25
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Apr 14 15:07:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 15:04:09 2025
Response via : Initial Calibration







TIC: BP024274.D\data.ms

(77) Benzidine

19.504min (+ 0.006) 7415471.13 ng

response 2354373

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	14.60
183.00	11.50	11.64
0.00	0.00	0.00

Instrument :
BNA_P
ClientSampleId :
DFTPP

DDT Breakdown

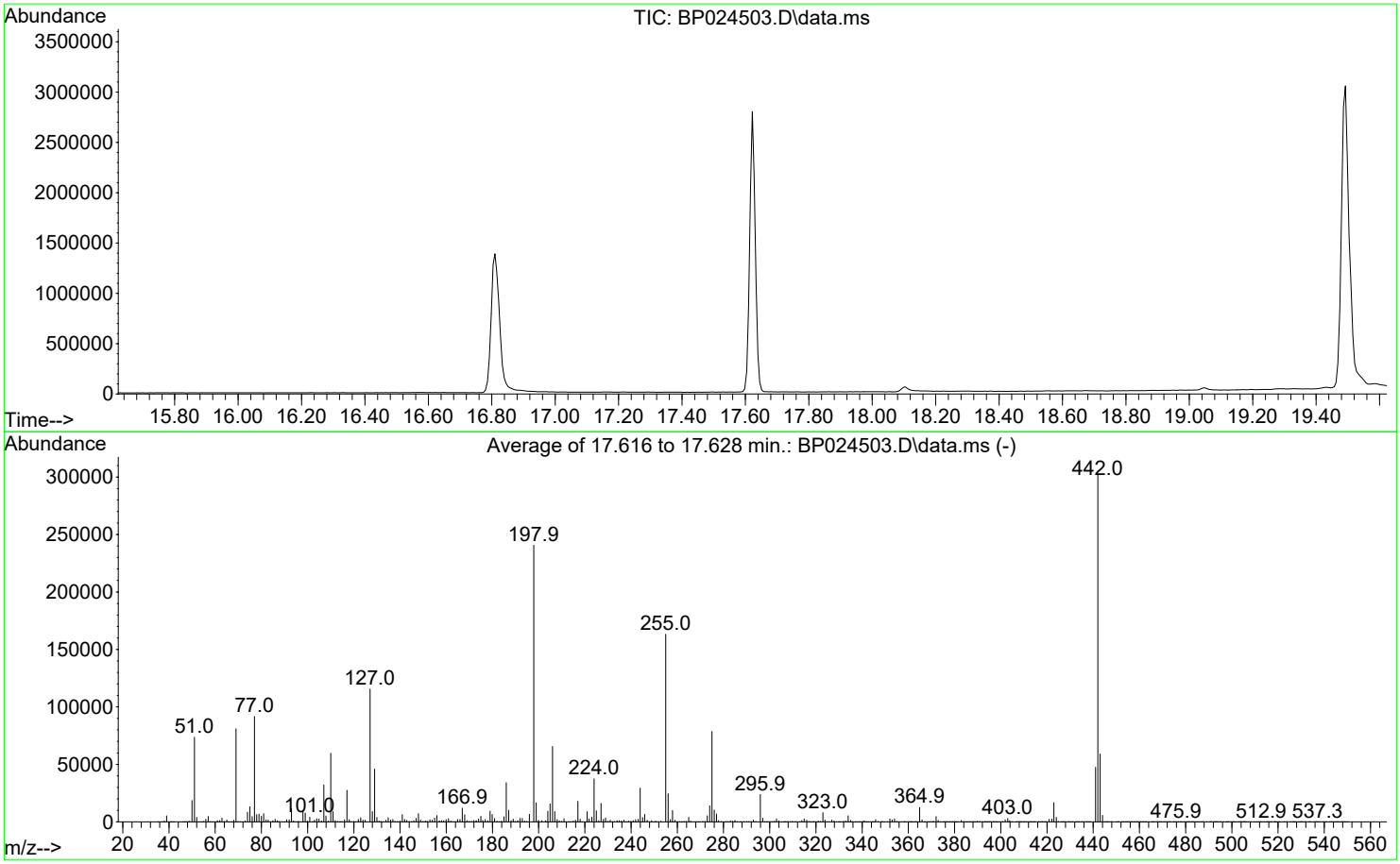
Date	Instrument Name	DFTPP Data File
4/14/2025	BNA_P	BP024274.D
Compound Name	**Response**	**Retention Time**
DDT	1715151	20.798
DDD	26002	20.386
DDE	1572	19.81
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
27574	1742725	1.58

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024503.D
Acq On : 02 May 2025 10:47
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Apr 18 12:04:48 2025



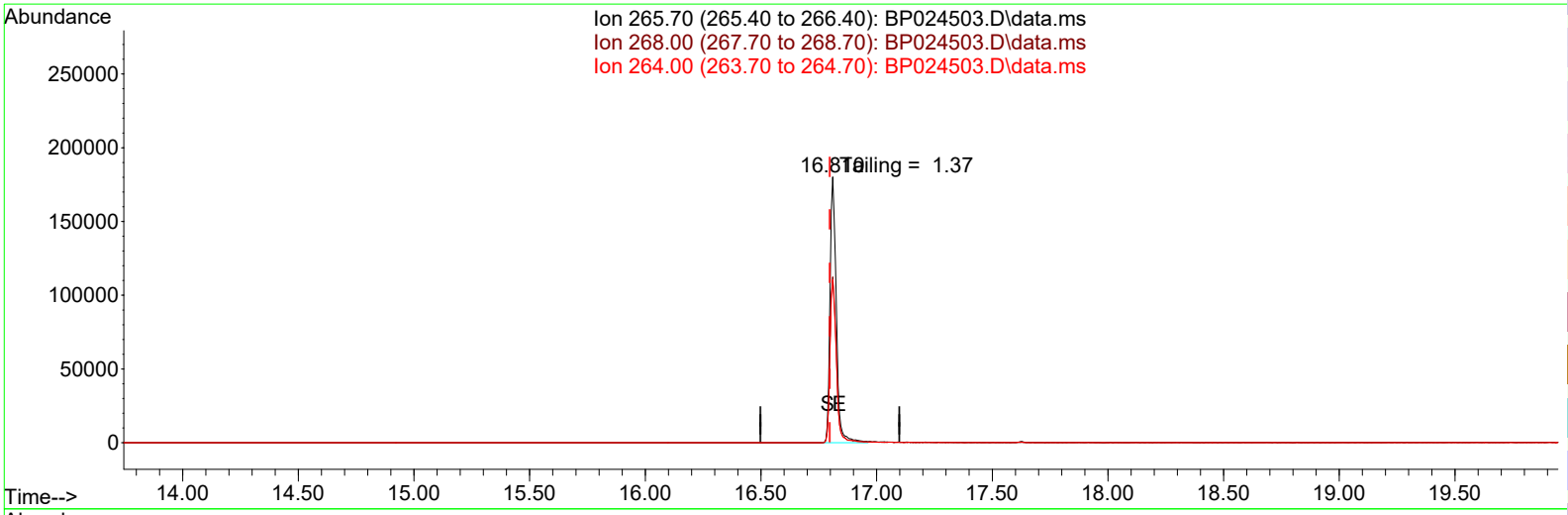
AutoFind: Scans 2470, 2471, 2472; Background Corrected with Scan 2461

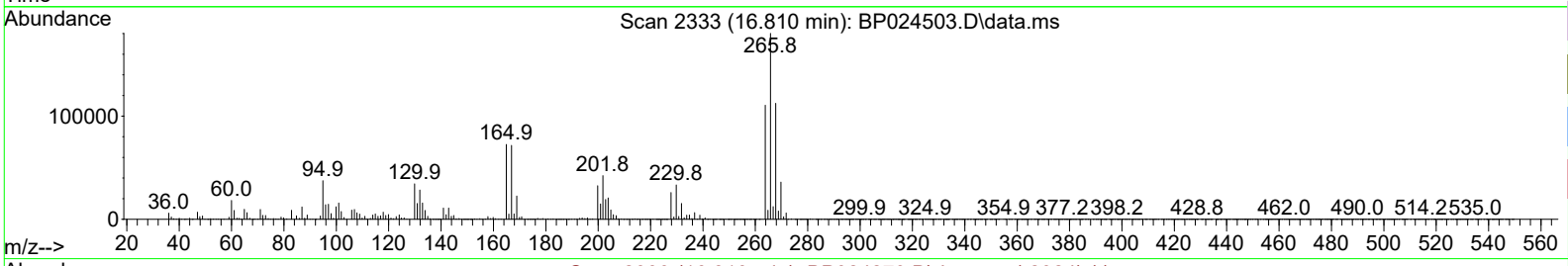
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	30.6	73567	PASS
68	69	0.00	2	1.8	1492	PASS
69	198	0.00	100	33.6	80914	PASS
70	69	0.00	2	0.5	423	PASS
127	198	10	80	48.0	115613	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	240640	PASS
199	198	5	9	6.9	16608	PASS
275	198	10	60	32.7	78648	PASS
365	198	1	100	5.2	12516	PASS
441	198	0.01	100	19.7	47454	PASS
442	442	100	100	100.0	302205	PASS
443	442	15	24	19.5	58966	PASS

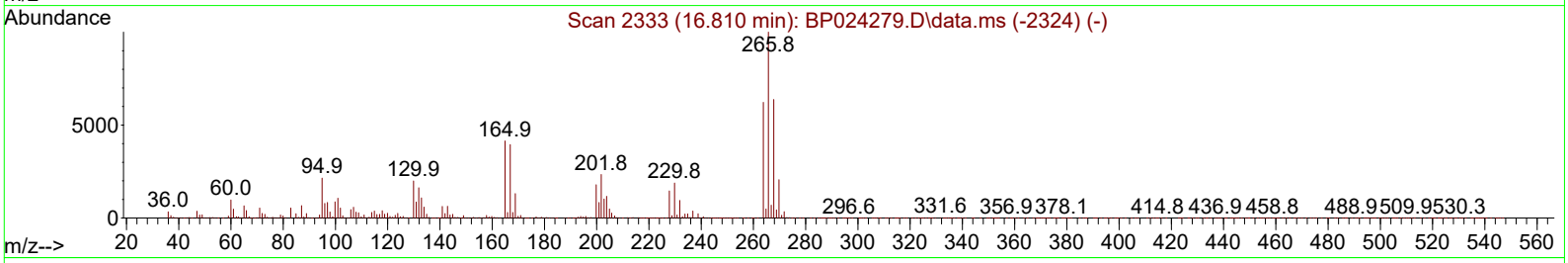
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024503.D
Acq On : 02 May 2025 10:47
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 03 06:17:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration







TIC: BP024503.D\data.ms

(70) Pentachlorophenol (C)

16.810min (+ 0.012) 32777.46 ng m

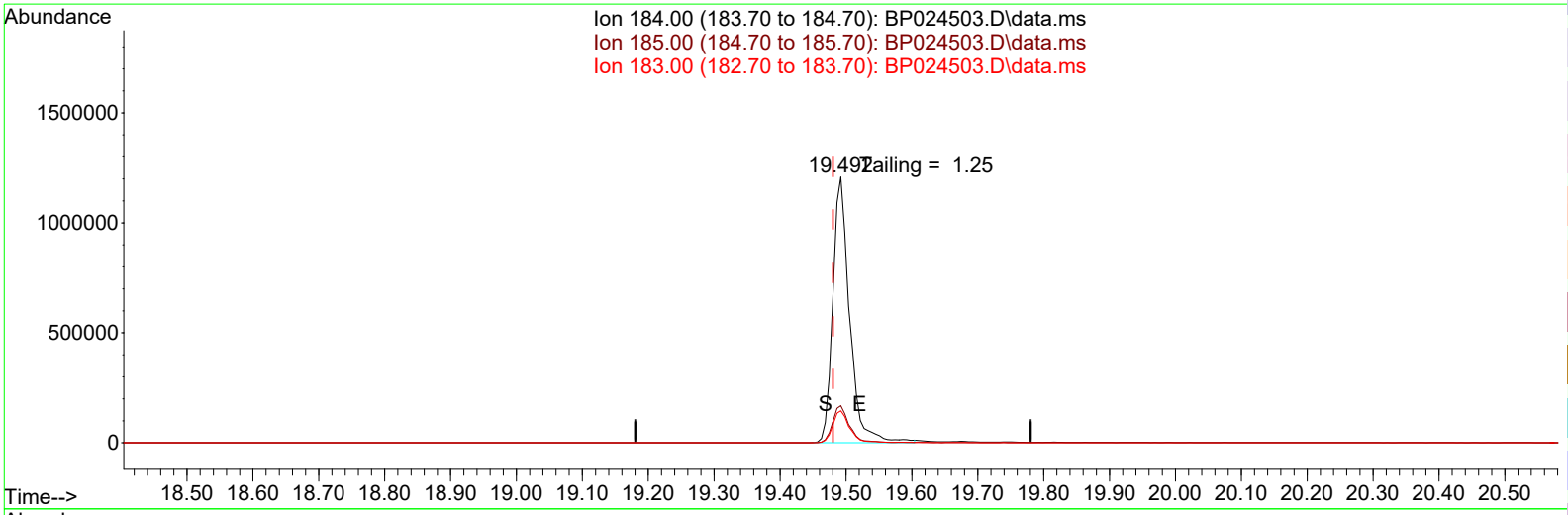
response 339964

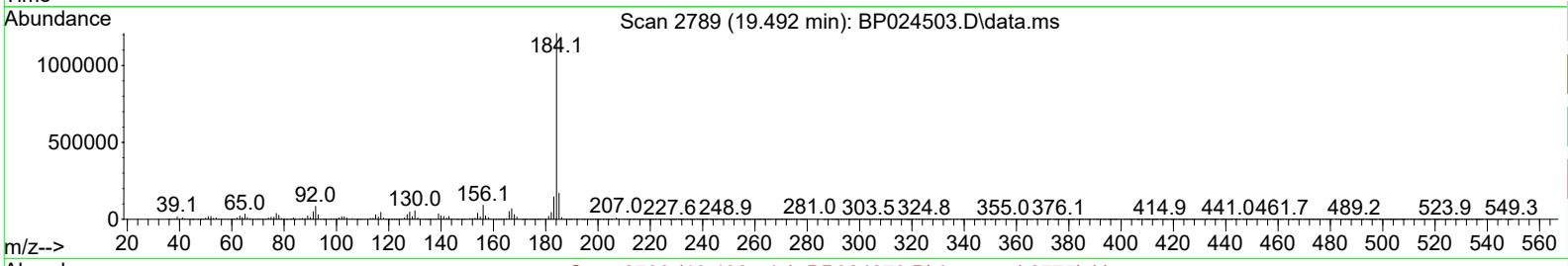
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	62.35
264.00	62.20	61.37
0.00	0.00	0.00

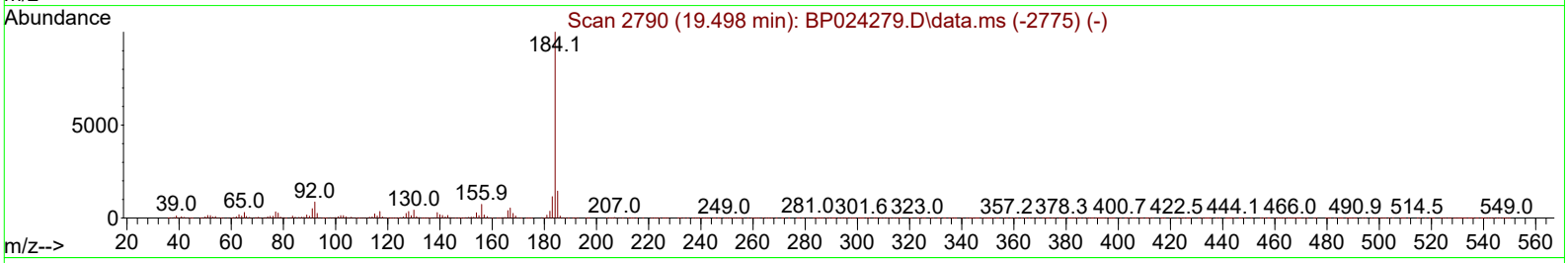
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024503.D
Acq On : 02 May 2025 10:47
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 03 06:17:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration







TIC: BP024503.D\data.ms

(77) Benzidine

19.492min (+ 0.012) 40497.92 ng

response 2137057

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	13.97
183.00	11.50	12.09
0.00	0.00	0.00

Instrument :
BNA_P
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
5/2/2025	BNA_P	BP024503.D
Compound Name	**Response**	**Retention Time**
DDT	933214	20.786
DDD	18421	20.316
DDE	1625	19.786
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
20046	953260	2.10

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	PB167798BL	SDG No.:	Q1914
Lab Sample ID:	PB167798BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142251.D	1	04/30/25 08:35	05/01/25 10:45	PB167798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	5.00	U	0.50	5.00	ug/L
208-96-8	Acenaphthylene	5.00	U	0.75	5.00	ug/L
83-32-9	Acenaphthene	5.00	U	0.55	5.00	ug/L
86-73-7	Fluorene	5.00	U	0.63	5.00	ug/L
85-01-8	Phenanthrene	5.00	U	0.50	5.00	ug/L
120-12-7	Anthracene	5.00	U	0.61	5.00	ug/L
206-44-0	Fluoranthene	5.00	U	0.82	5.00	ug/L
129-00-0	Pyrene	5.00	U	0.50	5.00	ug/L
56-55-3	Benzo(a)anthracene	5.00	U	0.45	5.00	ug/L
218-01-9	Chrysene	5.00	U	0.44	5.00	ug/L
205-99-2	Benzo(b)fluoranthene	5.00	U	0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	5.00	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	5.00	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.00	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.00	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	5.00	U	0.69	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	80.3		49 - 133	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.4		52 - 132	70%	SPK: 100
1718-51-0	Terphenyl-d14	64.3		48 - 125	64%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	228000	6.904			
1146-65-2	Naphthalene-d8	877000	8.187			
15067-26-2	Acenaphthene-d10	467000	9.945			
1517-22-2	Phenanthrene-d10	827000	11.428			
1719-03-5	Chrysene-d12	587000	14.069			
1520-96-3	Perylene-d12	407000	15.563			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY			Date Received:	
Client Sample ID:	PB167798BL			SDG No.:	Q1914
Lab Sample ID:	PB167798BL			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group3
Extraction Type :		Decanted :	N	Level :	LOW
Injection Volume :		GPC Factor :	1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142251.D	1	04/30/25 08:35	05/01/25 10:45	PB167798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142251.D
Acq On : 01 May 2025 10:45
Operator : RC/JU
Sample : PB167798BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167798BL

Quant Time: May 01 11:47:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

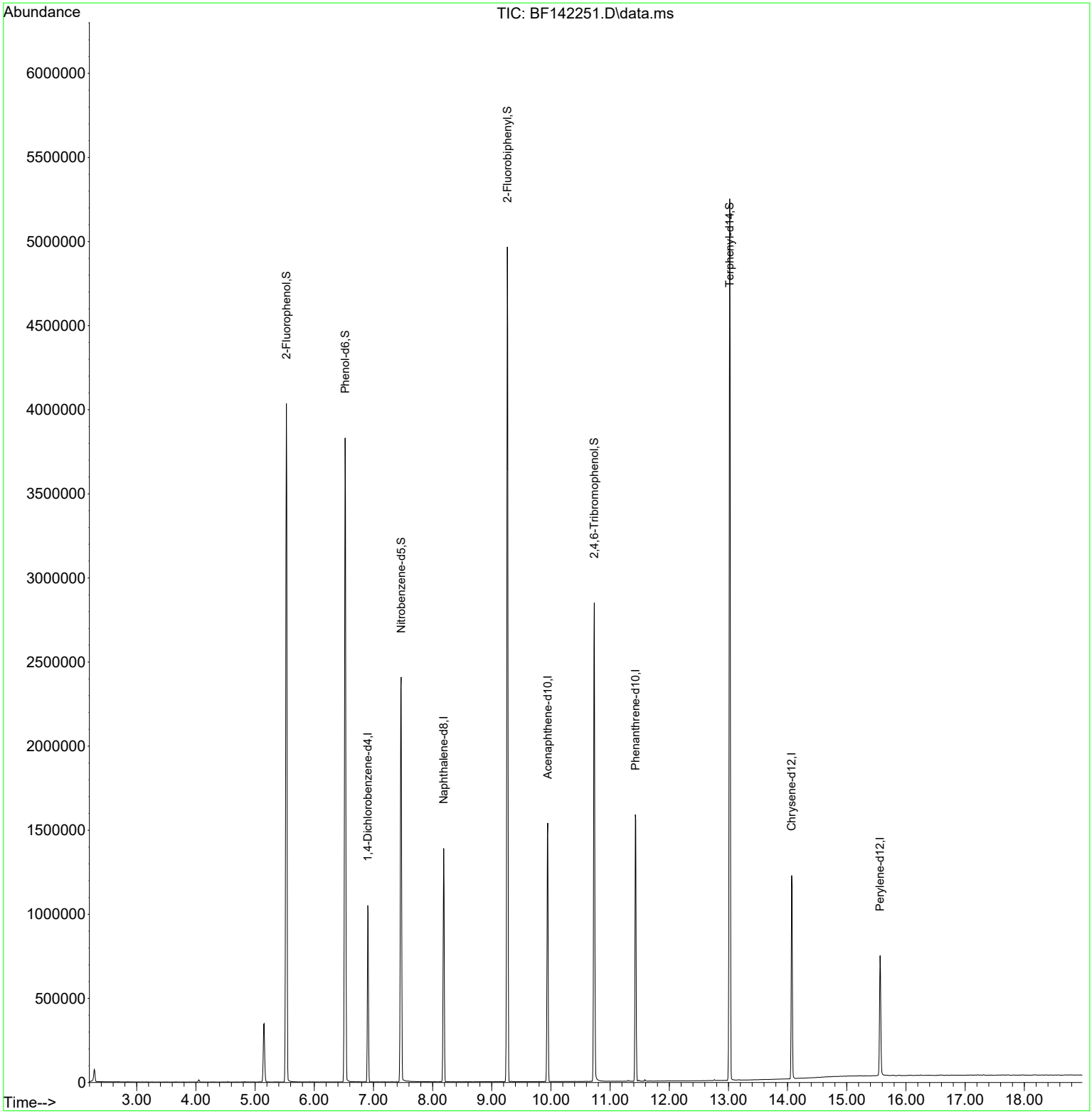
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	227901	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	877397	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	467254	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	826787	20.000	ng	0.00
76) Chrysene-d12	14.069	240	587490	20.000	ng	0.00
86) Perylene-d12	15.563	264	406867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1618858	113.445	ng	0.01
7) Phenol-d6	6.522	99	1952554	113.309	ng	0.00
23) Nitrobenzene-d5	7.469	82	1072746	80.325	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	504593	118.458	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2332756	70.392	ng	0.00
79) Terphenyl-d14	13.022	244	2599136	64.345	ng	0.00
Target Compounds						Qvalue

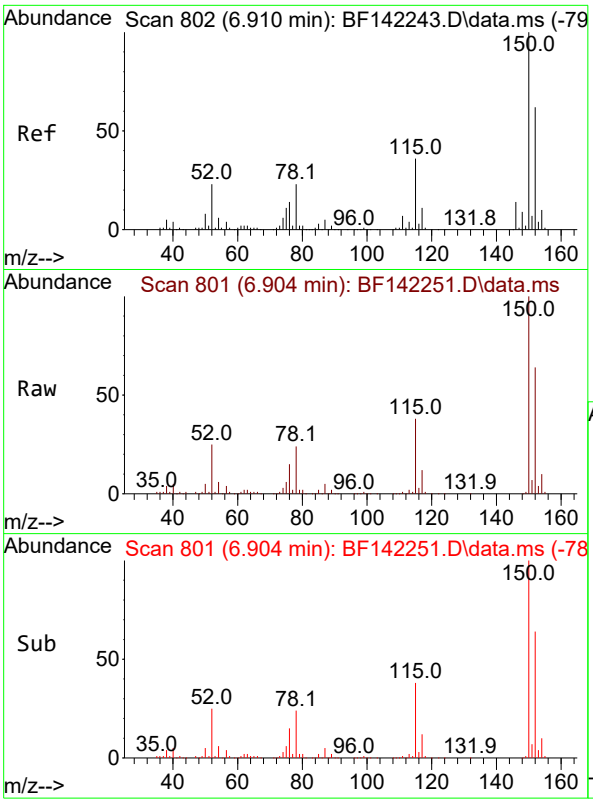
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142251.D
Acq On : 01 May 2025 10:45
Operator : RC/JU
Sample : PB167798BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167798BL

Quant Time: May 01 11:47:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration



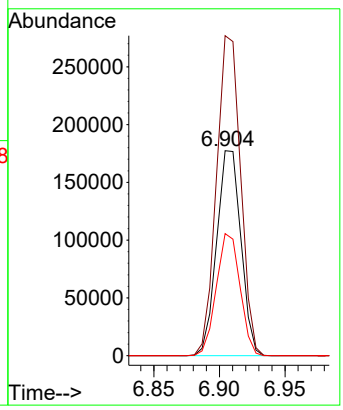


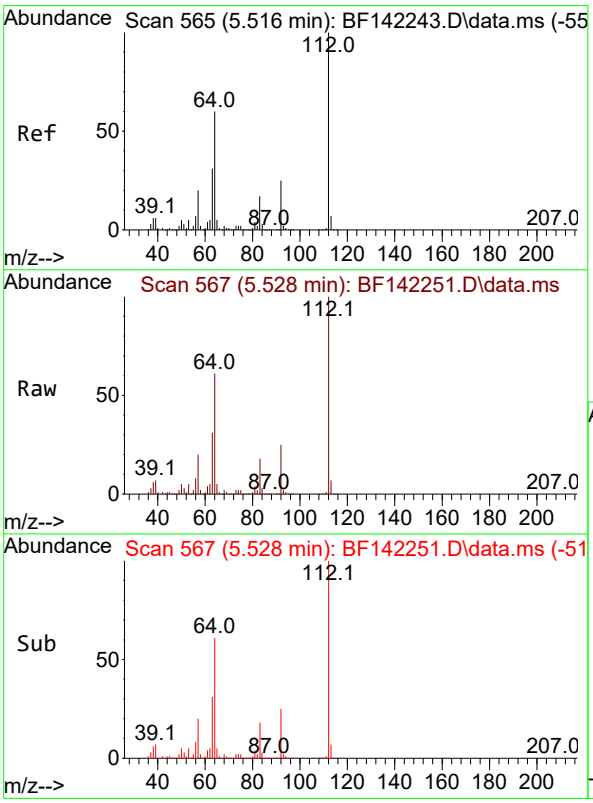
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Instrument :
BNA_F
ClientSampleId :
PB167798BL

Tgt Ion:152 Resp: 227901

Ion	Ratio	Lower	Upper
152	100		
150	156.2	130.2	195.2
115	59.6	47.0	70.4

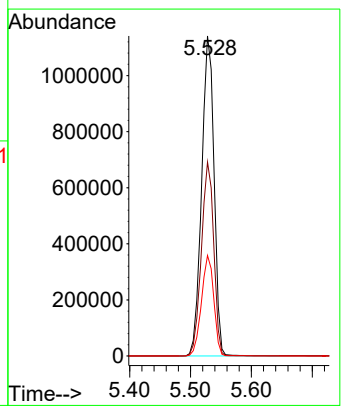


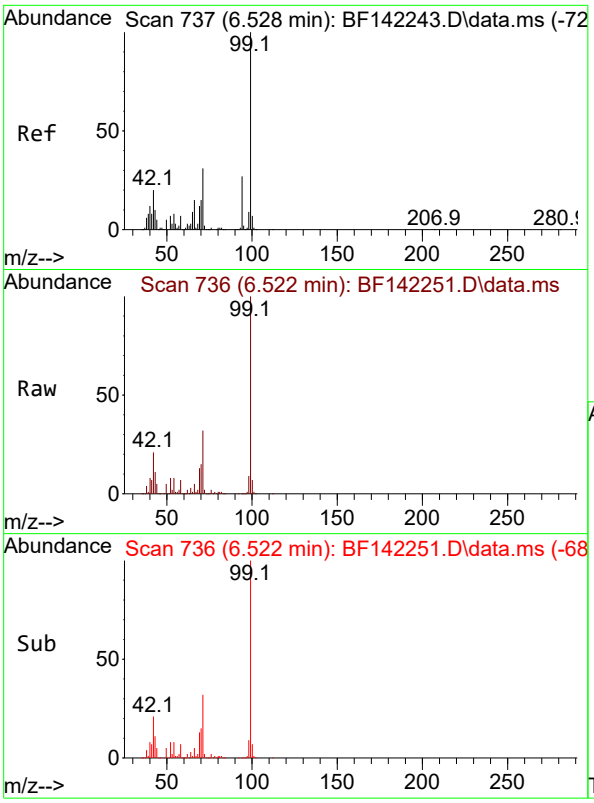


#5
2-Fluorophenol
Concen: 113.445 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Tgt Ion:112 Resp: 1618858

Ion	Ratio	Lower	Upper
112	100		
64	60.6	48.4	72.6
63	31.4	24.8	37.2



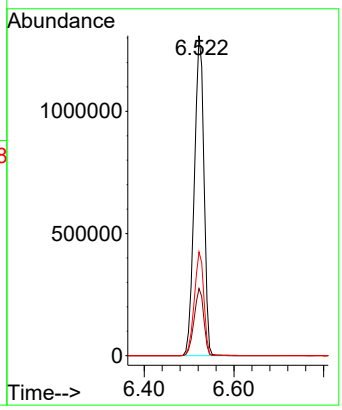


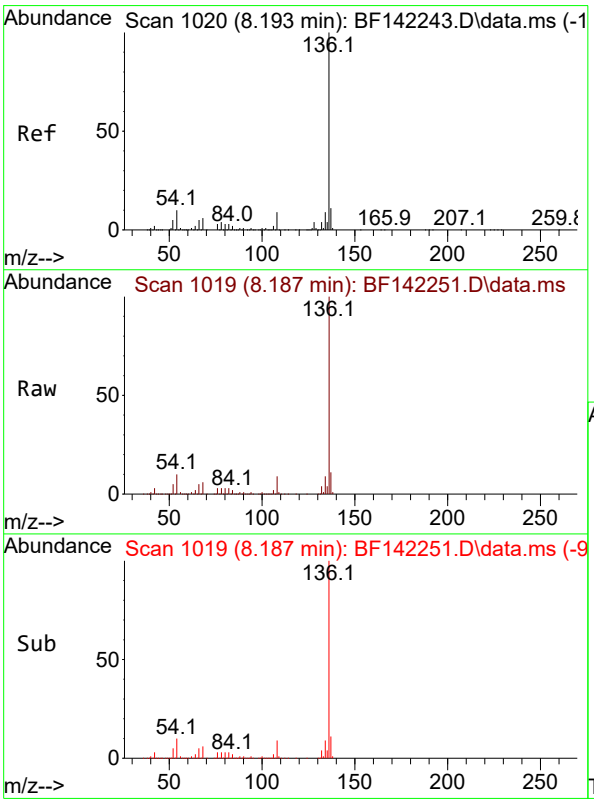
#7
Phenol-d6
Concen: 113.309 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Instrument :
BNA_F
ClientSampleId :
PB167798BL

Tgt Ion: 99 Resp: 1952554

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.3	24.5
71	32.4	25.0	37.4

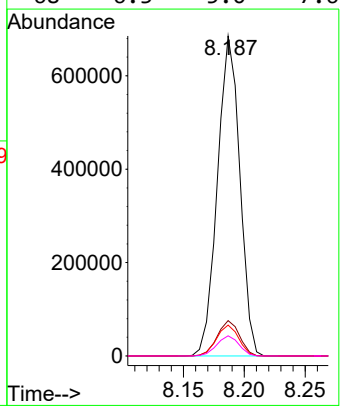


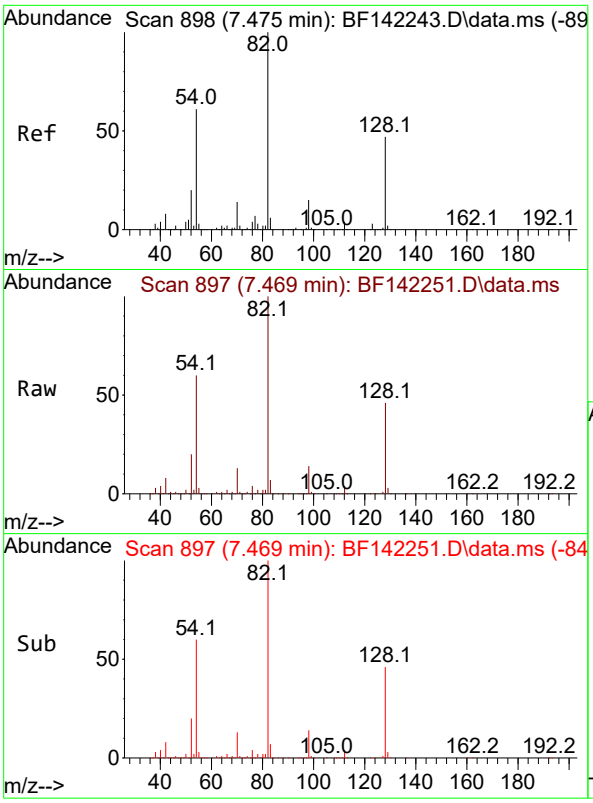


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Tgt Ion:136 Resp: 877397

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.7	7.7	11.5
68	6.3	5.0	7.6



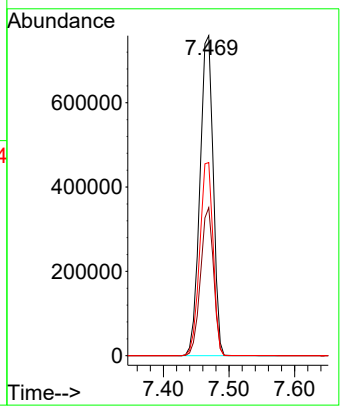


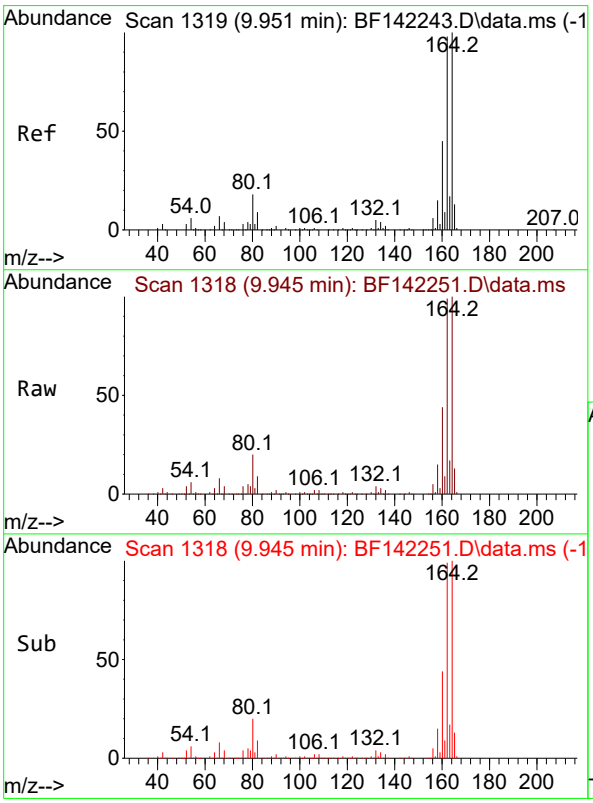
#23
Nitrobenzene-d5
Concen: 80.325 ng
RT: 7.469 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Instrument :
BNA_F
ClientSampleId :
PB167798BL

Tgt Ion: 82 Resp: 1072746

Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.0	55.6
54	60.4	48.0	72.0

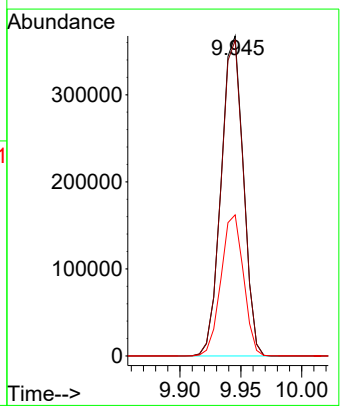


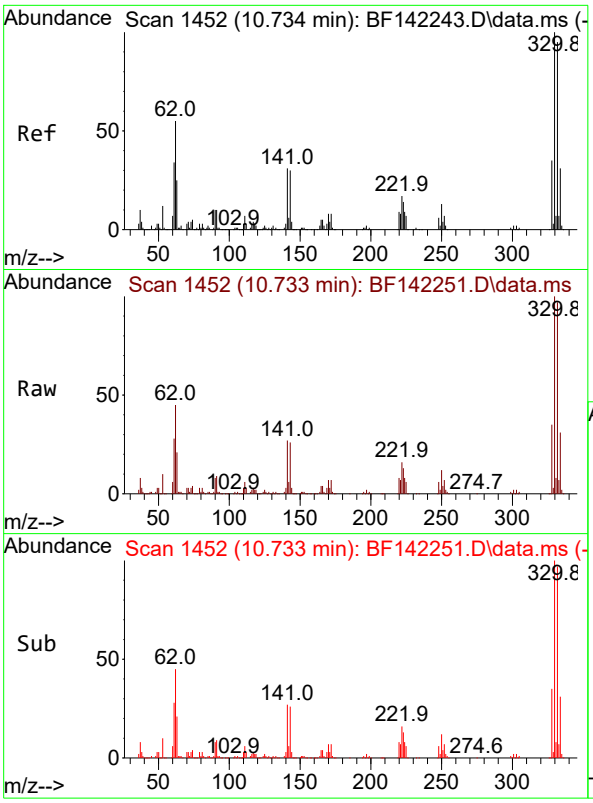


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Tgt Ion:164 Resp: 467254

Ion	Ratio	Lower	Upper
164	100		
162	98.6	78.6	117.8
160	44.1	35.7	53.5



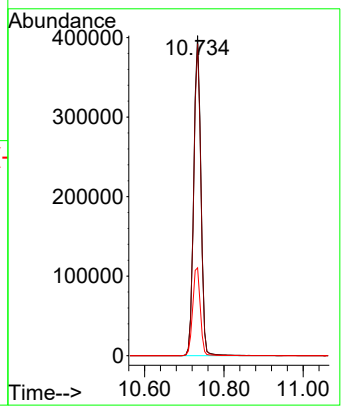


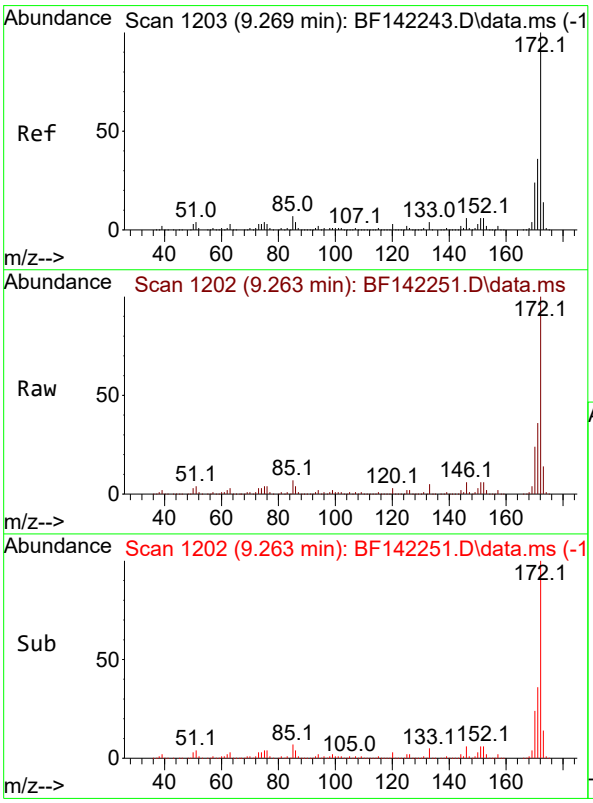
#42
2,4,6-Tribromophenol
Concen: 118.458 ng
RT: 10.733 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Instrument :
BNA_F
ClientSampleId :
PB167798BL

Tgt Ion:330 Resp: 504593

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.5	114.7
141	29.4	24.3	36.5

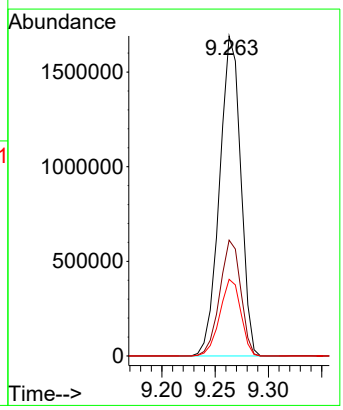


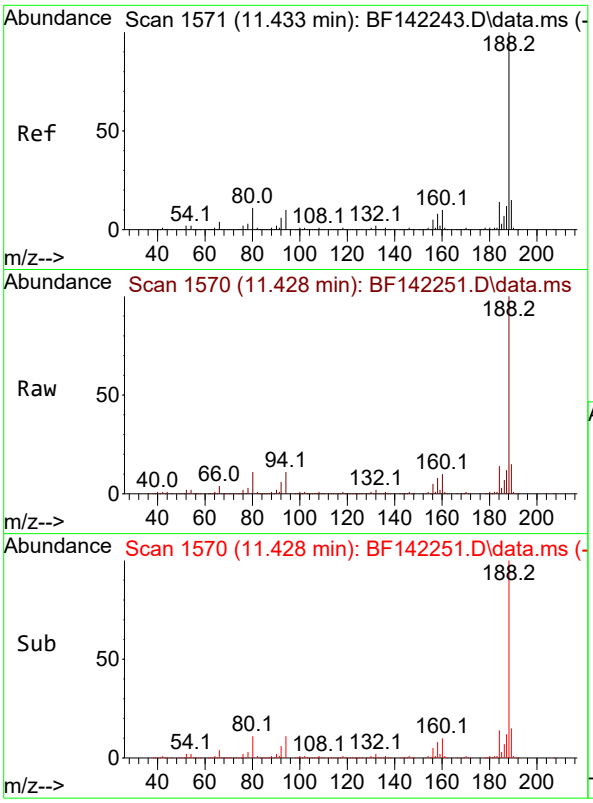


#45
2-Fluorobiphenyl
Concen: 70.392 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Tgt Ion:172 Resp: 2332756

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	23.9	19.4	29.0



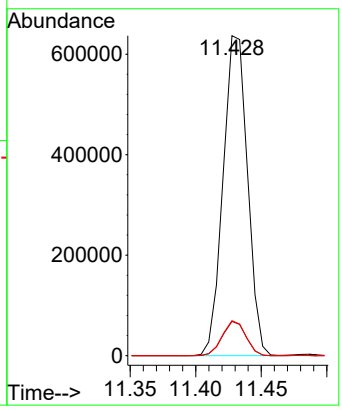


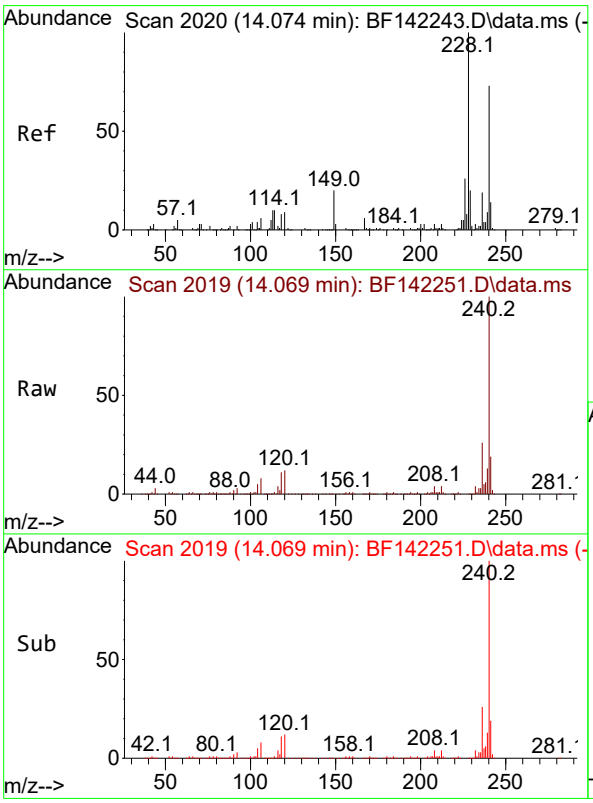
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Instrument :
BNA_F
ClientSampleId :
PB167798BL

Tgt Ion:188 Resp: 826787

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.2	12.2
80	11.0	8.6	12.8

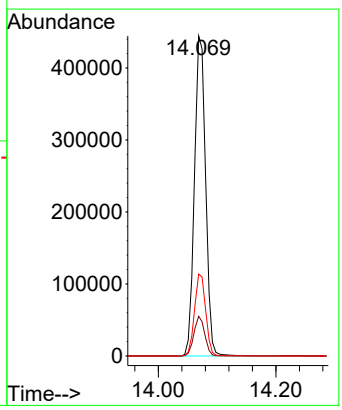


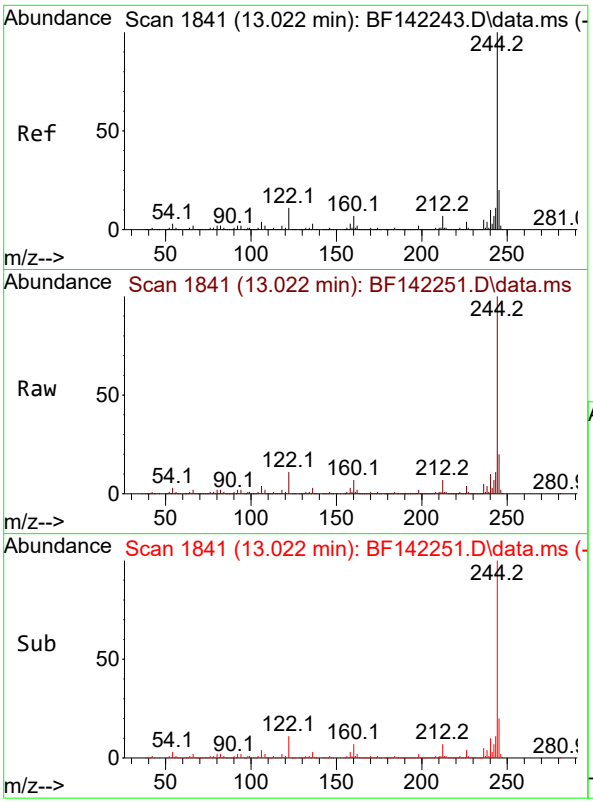


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Tgt Ion:240 Resp: 587490

Ion	Ratio	Lower	Upper
240	100		
120	12.4	10.1	15.1
236	25.6	20.5	30.7



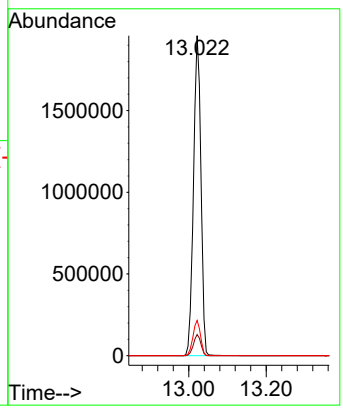


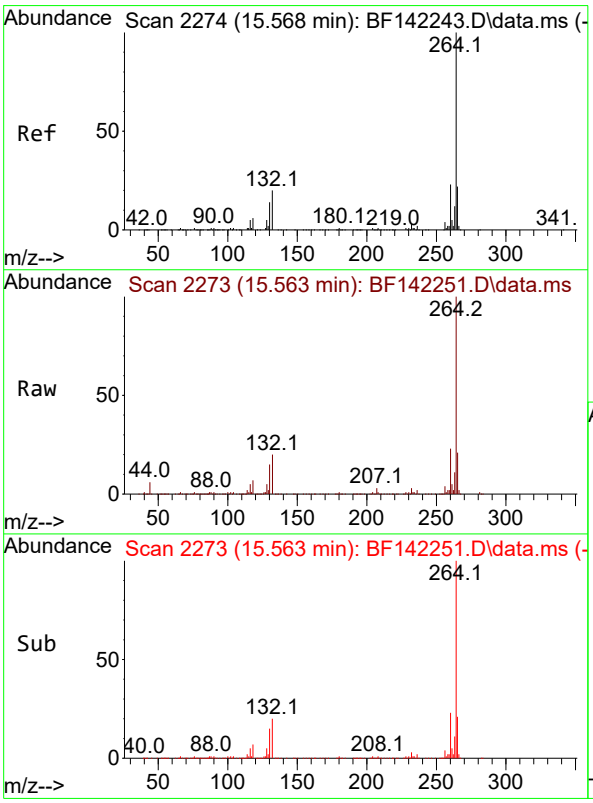
#79
Terphenyl-d14
Concen: 64.345 ng
RT: 13.022 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Instrument :
BNA_F
ClientSampleId :
PB167798BL

Tgt Ion:244 Resp: 2599136

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.3	7.9
122	11.0	9.1	13.7

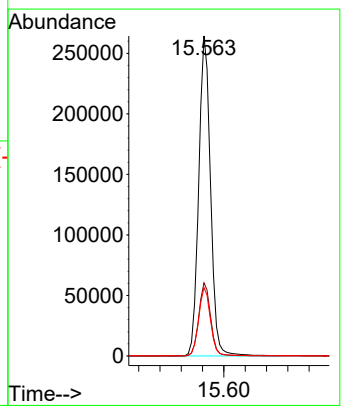




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Tgt Ion:264 Resp: 406867

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	21.3	17.3	25.9



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	PB167803BL	SDG No.:	Q1914
Lab Sample ID:	PB167803BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050080.D	1	04/30/25 11:00	05/02/25 11:13	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	170	U	22.7	170	ug/Kg
208-96-8	Acenaphthylene	170	U	28.9	170	ug/Kg
83-32-9	Acenaphthene	170	U	21.3	170	ug/Kg
86-73-7	Fluorene	170	U	25.3	170	ug/Kg
85-01-8	Phenanthrene	170	U	20.9	170	ug/Kg
120-12-7	Anthracene	170	U	33.3	170	ug/Kg
206-44-0	Fluoranthene	170	U	30.0	170	ug/Kg
129-00-0	Pyrene	170	U	36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	170	U	23.0	170	ug/Kg
218-01-9	Chrysene	170	U	19.9	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	U	19.0	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	170	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	U	25.7	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	85.9		18 - 107	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.7		20 - 109	83%	SPK: 100
1718-51-0	Terphenyl-d14	96.4		10 - 105	96%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	227000	7.751			
1146-65-2	Naphthalene-d8	771000	10.545			
15067-26-2	Acenaphthene-d10	506000	14.398			
1517-22-2	Phenanthrene-d10	1030000	17.145			
1719-03-5	Chrysene-d12	950000	21.386			
1520-96-3	Perylene-d12	1030000	24.374			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY			Date Received:	
Client Sample ID:	PB167803BL			SDG No.:	Q1914
Lab Sample ID:	PB167803BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group3
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050080.D	1	04/30/25 11:00	05/02/25 11:13	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050080.D
Acq On : 02 May 2025 11:13
Operator : RC/JU
Sample : PB167803BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167803BL

Quant Time: May 02 12:13:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

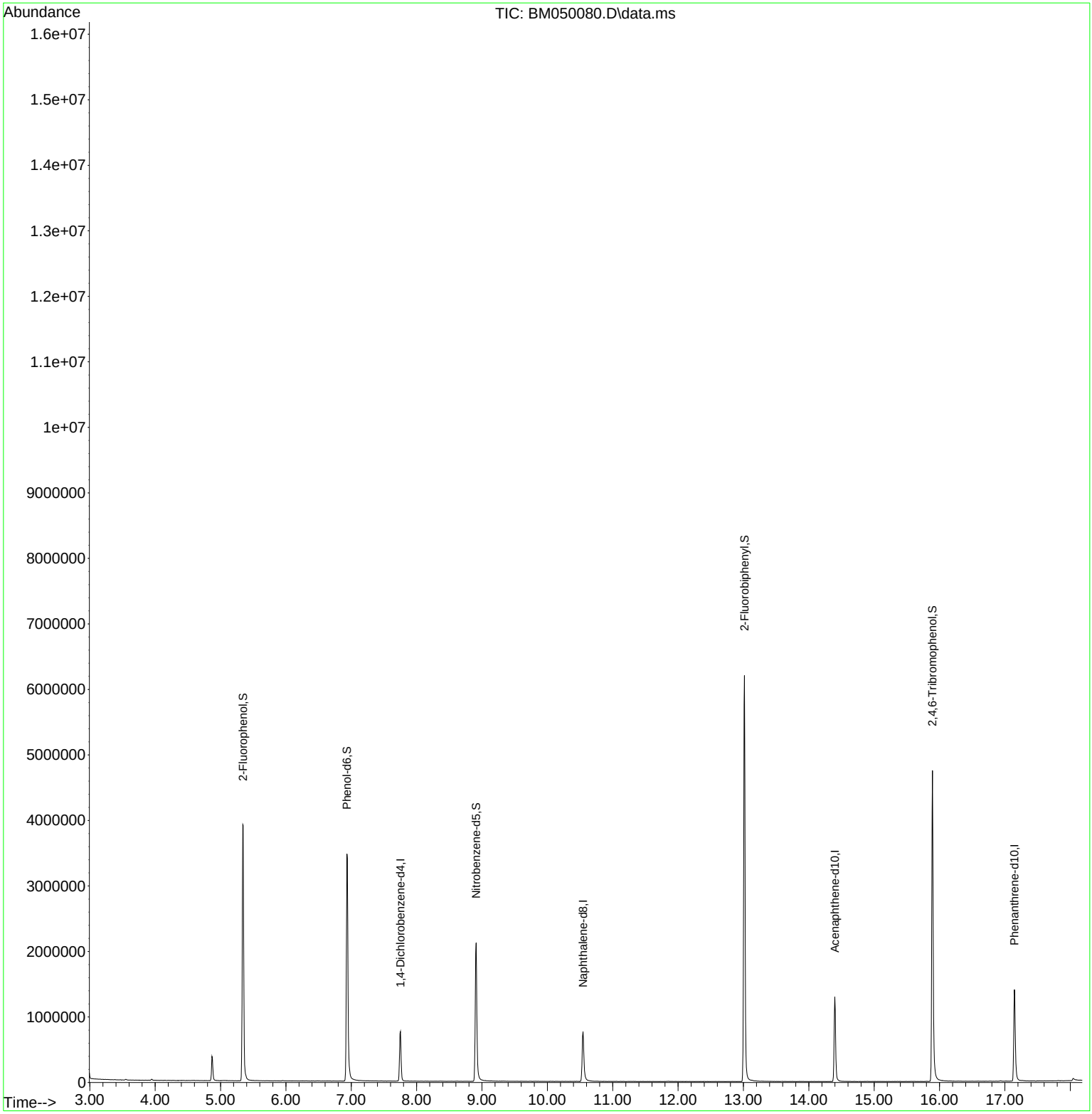
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.751	152	227359	20.000	ng	-0.02
21) Naphthalene-d8	10.545	136	771197	20.000	ng	-0.02
39) Acenaphthene-d10	14.398	164	505614	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	1028817	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	949846	20.000	ng	-0.01
86) Perylene-d12	24.374	264	1027399	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1888957	145.484	ng	-0.01
7) Phenol-d6	6.934	99	2274901	139.400	ng	-0.02
23) Nitrobenzene-d5	8.910	82	1344435	85.904	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1060240	141.816	ng	-0.01
45) 2-Fluorobiphenyl	13.016	172	3535203	82.713	ng	-0.02
79) Terphenyl-d14	19.768	244	6190324	96.438	ng	-0.01
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050080.D
Acq On : 02 May 2025 11:13
Operator : RC/JU
Sample : PB167803BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167803BL

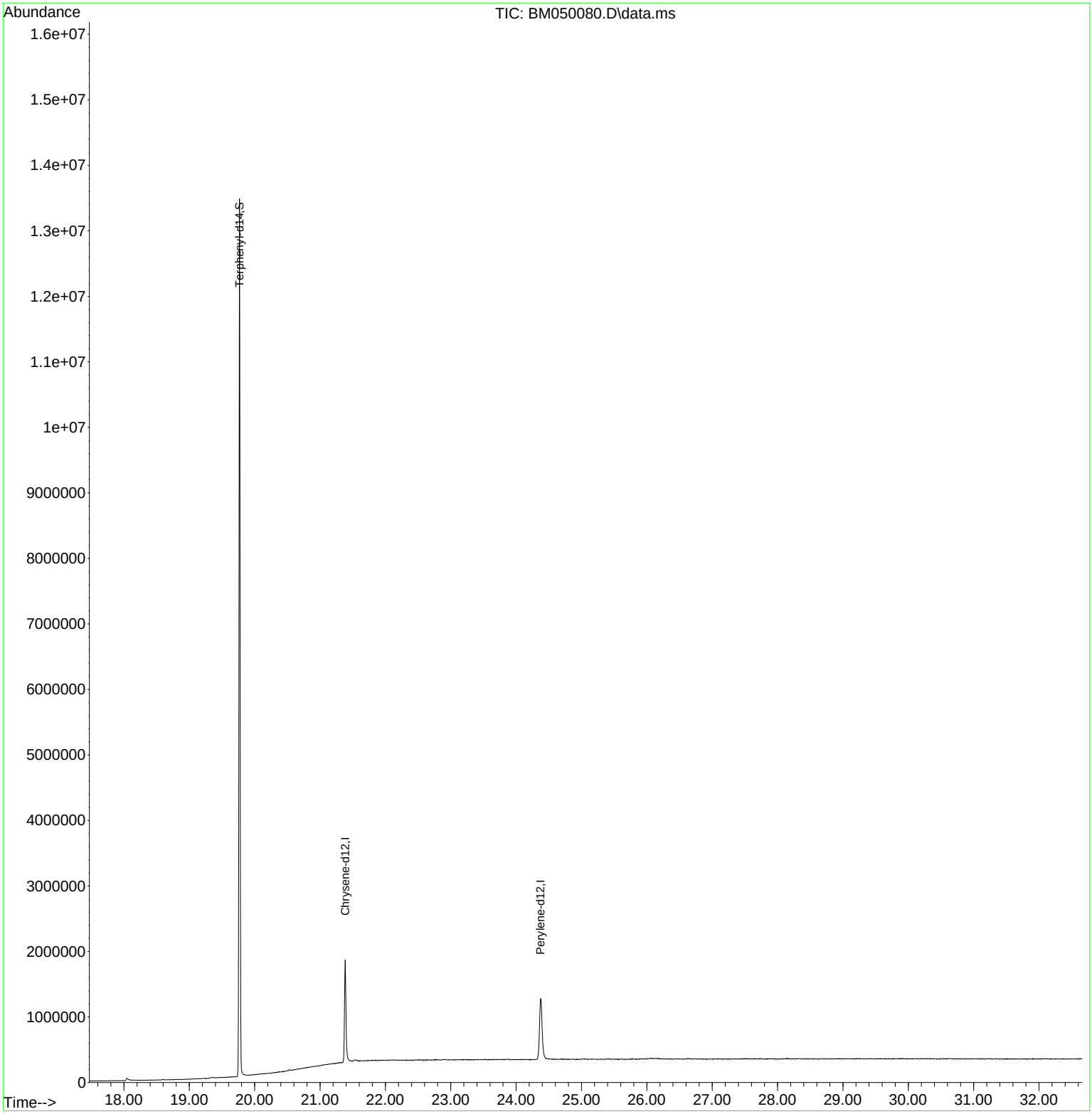
Quant Time: May 02 12:13:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

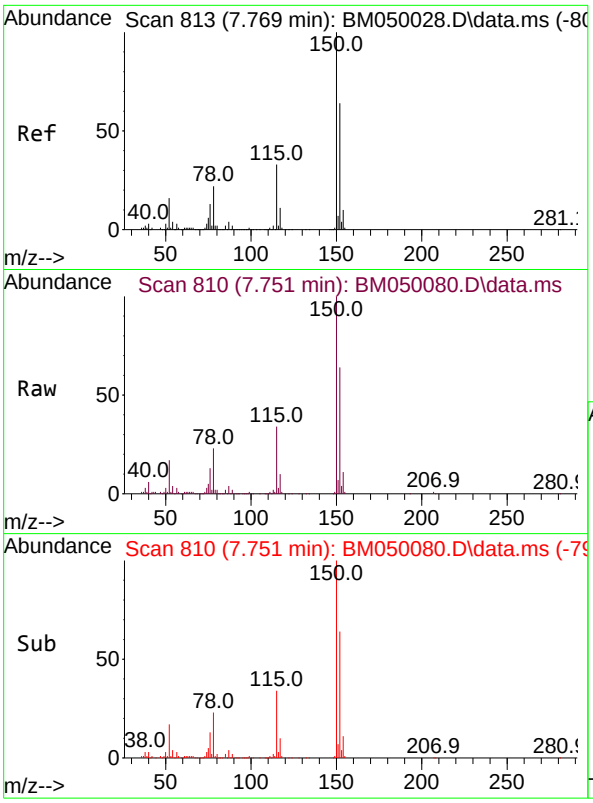


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050080.D
Acq On : 02 May 2025 11:13
Operator : RC/JU
Sample : PB167803BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167803BL

Quant Time: May 02 12:13:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



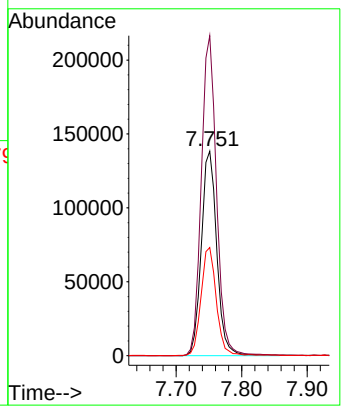


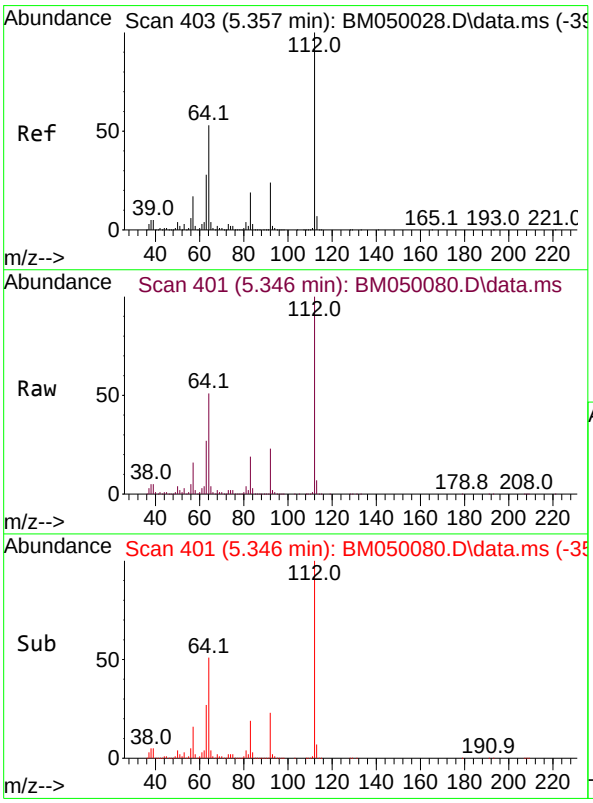
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.751 min Scan# 8
Delta R.T. -0.018 min
Lab File: BM050080.D
Acq: 02 May 2025 11:13

Instrument :
BNA_M
ClientSampleId :
PB167803BL

Tgt Ion:152 Resp: 227359

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.1	186.1
115	52.9	41.2	61.8

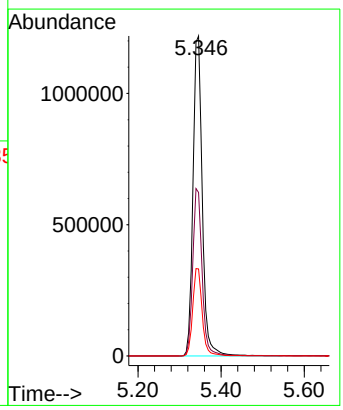


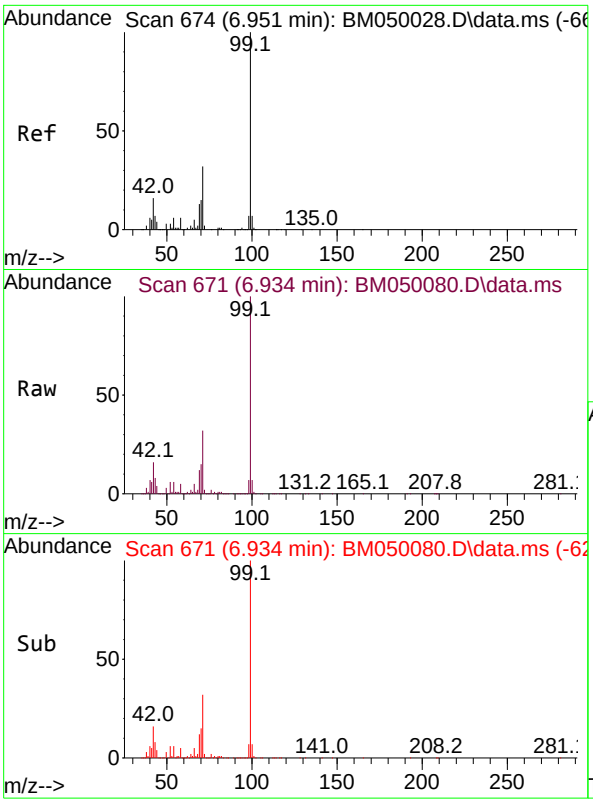


#5
2-Fluorophenol
Concen: 145.484 ng
RT: 5.346 min Scan# 401
Delta R.T. -0.012 min
Lab File: BM050080.D
Acq: 02 May 2025 11:13

Tgt Ion:112 Resp: 1888957

Ion	Ratio	Lower	Upper
112	100		
64	51.1	42.6	64.0
63	27.2	22.2	33.4



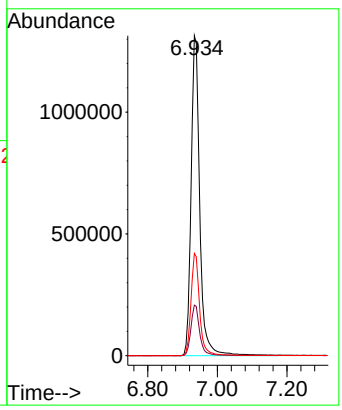


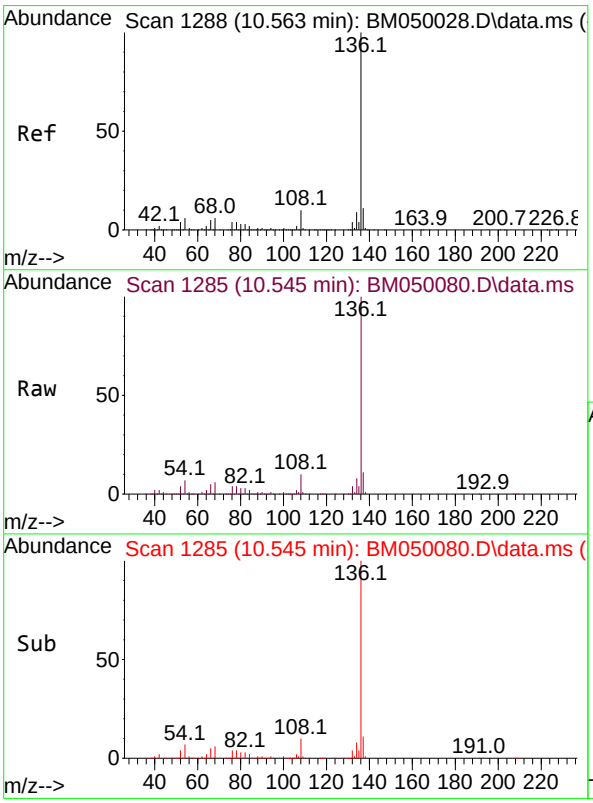
#7
Phenol-d6
Concen: 139.400 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050080.D
Acq: 02 May 2025 11:13

Instrument :
BNA_M
ClientSampleId :
PB167803BL

Tgt Ion: 99 Resp: 2274901

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.0	19.4
71	31.9	25.6	38.4

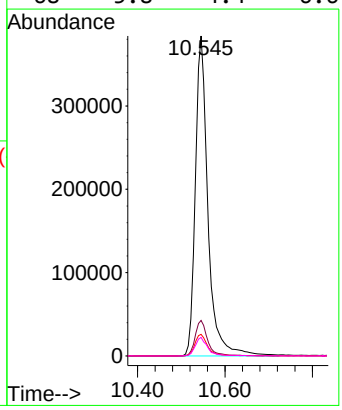


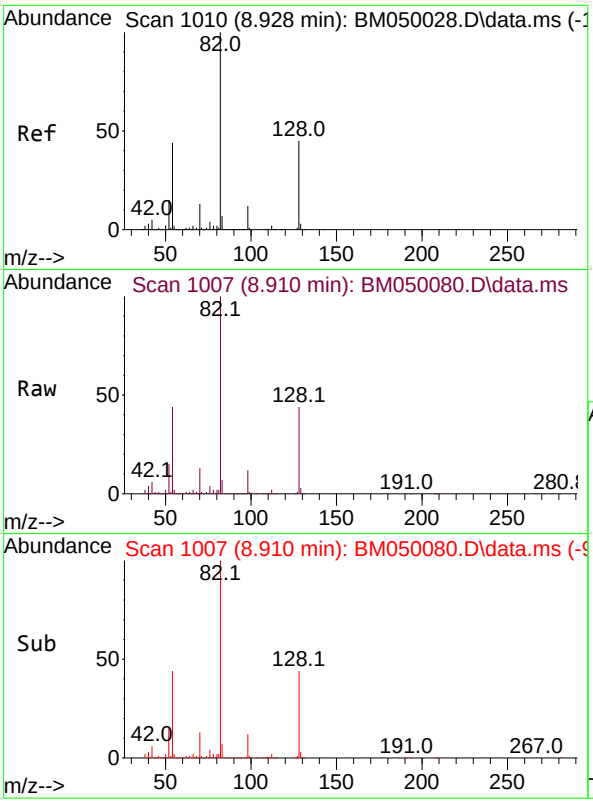


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.545 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BM050080.D
Acq: 02 May 2025 11:13

Tgt Ion:136 Resp: 771197

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.8	5.1	7.7
68	5.8	4.4	6.6



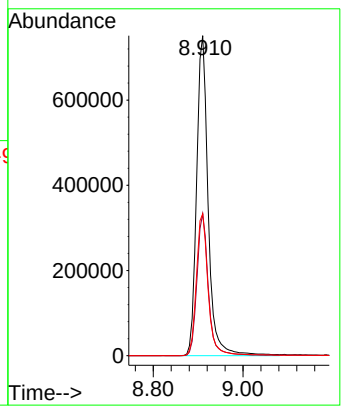


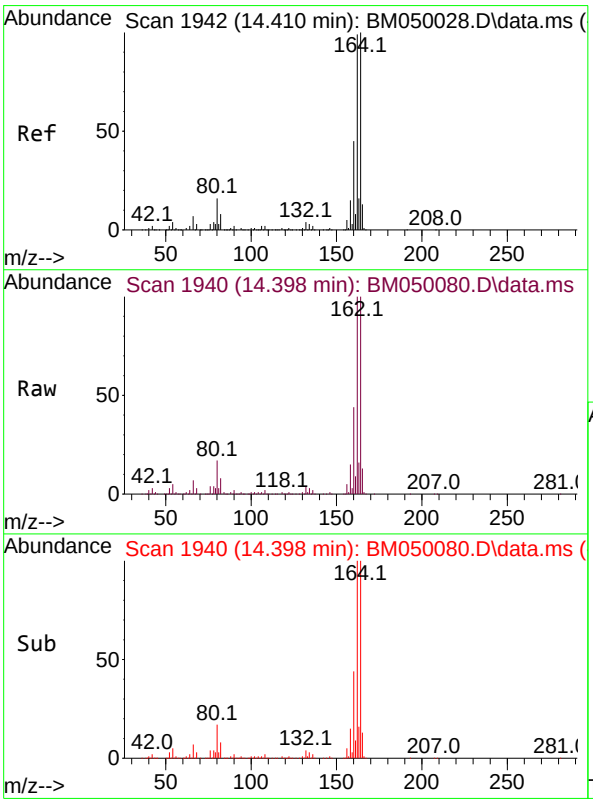
#23
Nitrobenzene-d5
Concen: 85.904 ng
RT: 8.910 min Scan# 1(
Delta R.T. -0.018 min
Lab File: BM050080.D
Acq: 02 May 2025 11:13

Instrument :
BNA_M
ClientSampleId :
PB167803BL

Tgt Ion: 82 Resp: 1344435

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.7	53.5
54	44.4	35.4	53.2

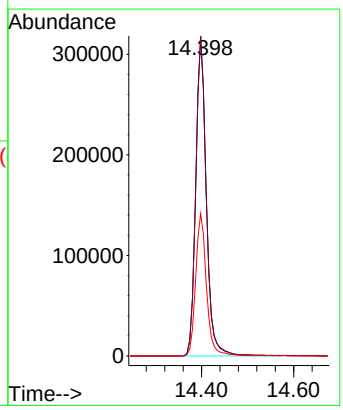


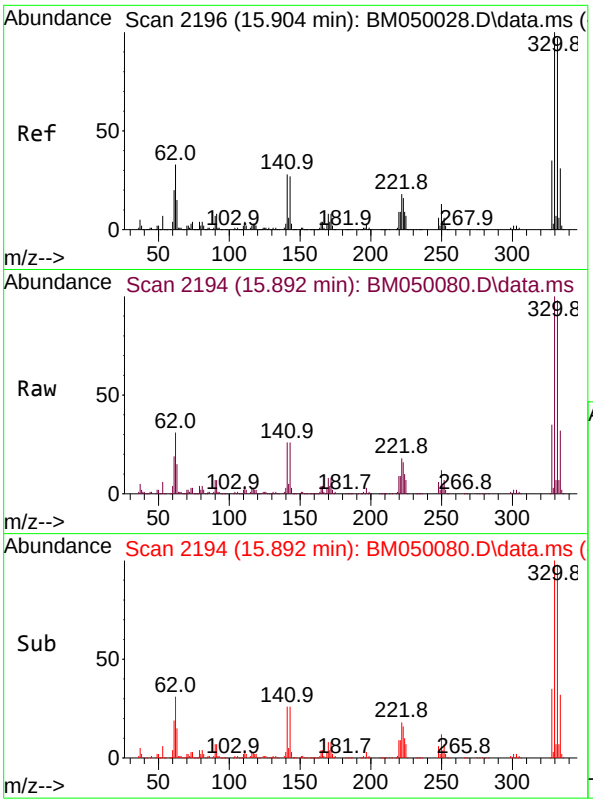


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. -0.012 min
Lab File: BM050080.D
Acq: 02 May 2025 11:13

Tgt Ion:164 Resp: 505614

Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.4	119.0
160	44.5	36.2	54.4



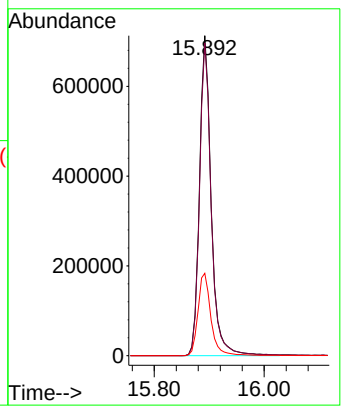


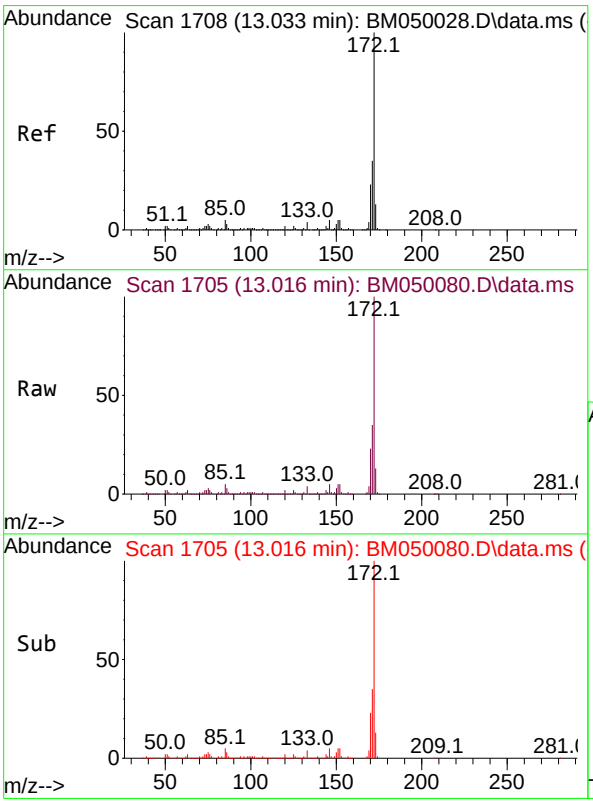
#42
2,4,6-Tribromophenol
Concen: 141.816 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050080.D
Acq: 02 May 2025 11:13

Instrument :
BNA_M
ClientSampleId :
PB167803BL

Tgt Ion:330 Resp: 1060240

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	28.3	22.5	33.7

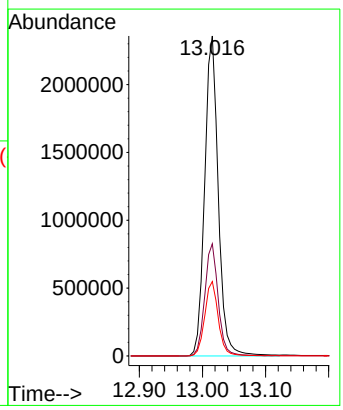


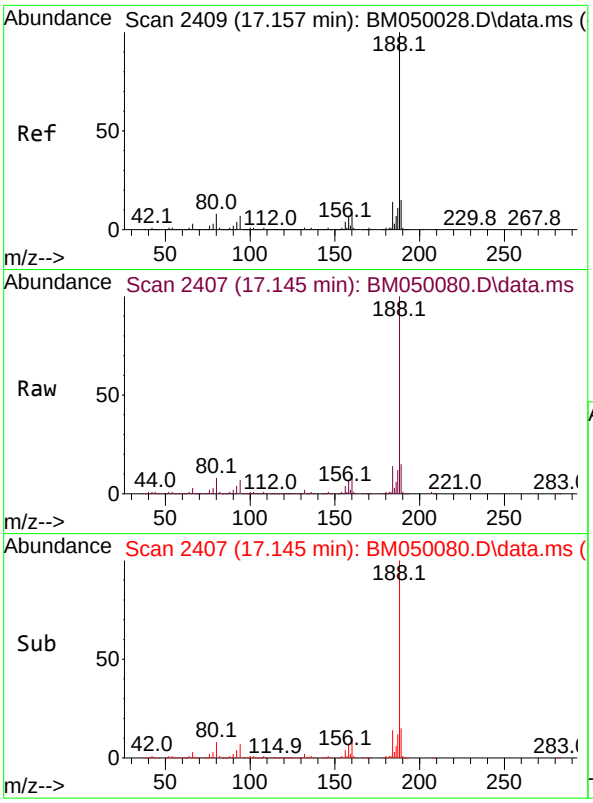


#45
2-Fluorobiphenyl
Concen: 82.713 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.018 min
Lab File: BM050080.D
Acq: 02 May 2025 11:13

Tgt Ion:172 Resp: 3535203

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	23.3	18.6	28.0



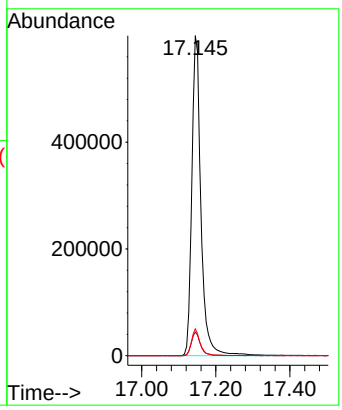


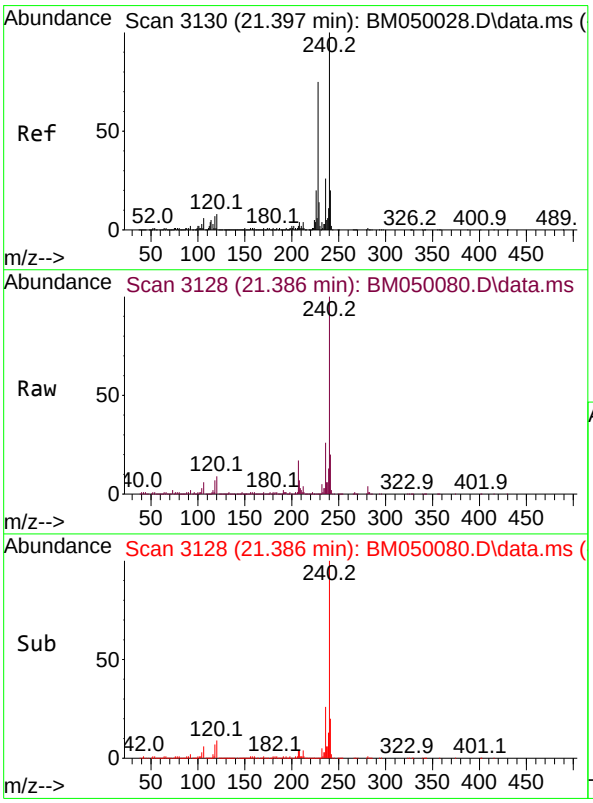
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050080.D
Acq: 02 May 2025 11:13

Instrument :
BNA_M
ClientSampleId :
PB167803BL

Tgt Ion:188 Resp: 1028817

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.7	8.5
80	8.4	6.2	9.4

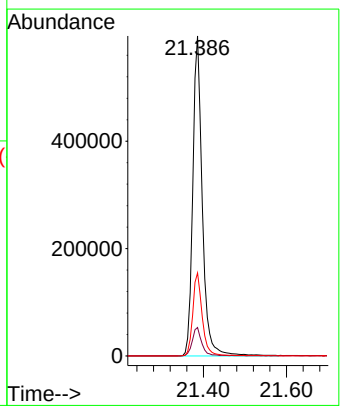


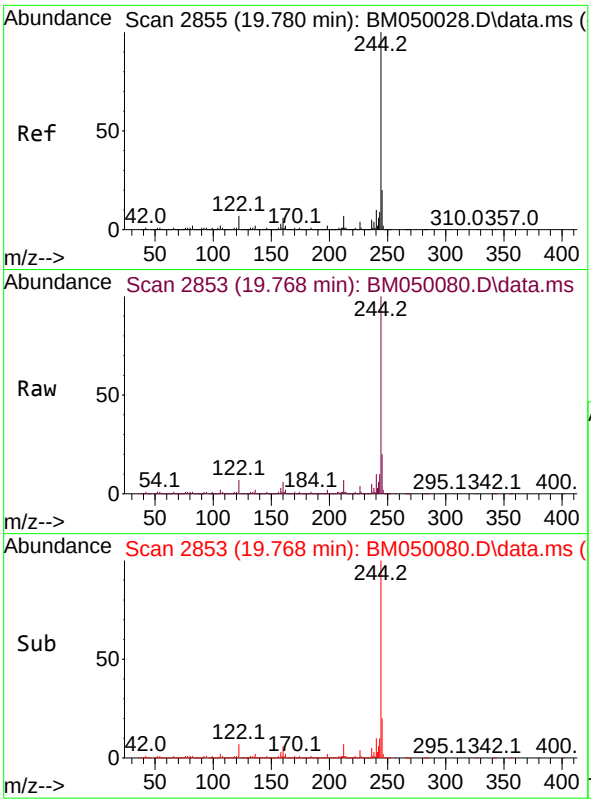


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050080.D
Acq: 02 May 2025 11:13

Tgt Ion:240 Resp: 949846

Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.5	9.7
236	26.0	20.9	31.3



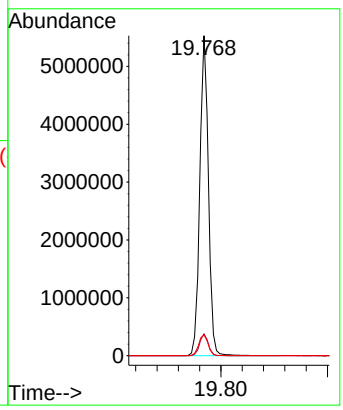


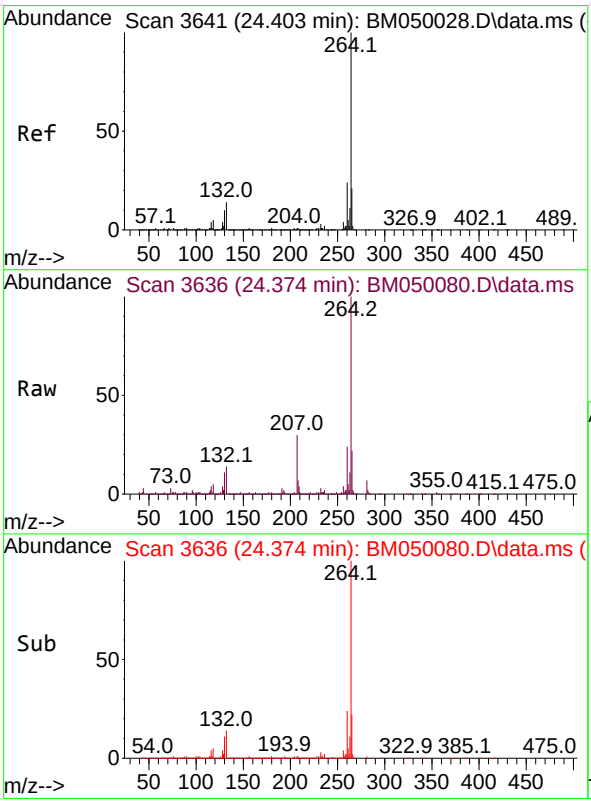
#79
Terphenyl-d14
Concen: 96.438 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050080.D
Acq: 02 May 2025 11:13

Instrument :
BNA_M
ClientSampleId :
PB167803BL

Tgt Ion:244 Resp: 6190324

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	6.6	5.6	8.4

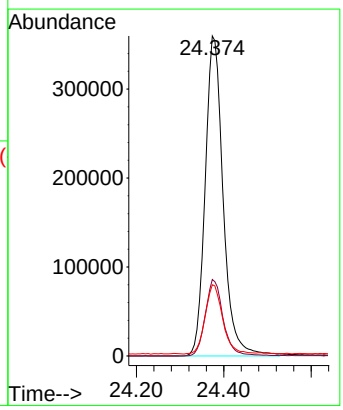




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.029 min
Lab File: BM050080.D
Acq: 02 May 2025 11:13

Tgt Ion:264 Resp: 1027399

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	22.2	17.0	25.4



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	PB167798BS	SDG No.:	Q1914
Lab Sample ID:	PB167798BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142252.D	1	04/30/25 08:35	05/01/25 11:13	PB167798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	40.4		0.50	5.00	ug/L
208-96-8	Acenaphthylene	41.2		0.75	5.00	ug/L
83-32-9	Acenaphthene	43.9		0.55	5.00	ug/L
86-73-7	Fluorene	41.1		0.63	5.00	ug/L
85-01-8	Phenanthrene	40.0		0.50	5.00	ug/L
120-12-7	Anthracene	40.9		0.61	5.00	ug/L
206-44-0	Fluoranthene	41.9		0.82	5.00	ug/L
129-00-0	Pyrene	42.9		0.50	5.00	ug/L
56-55-3	Benzo(a)anthracene	41.2		0.45	5.00	ug/L
218-01-9	Chrysene	43.6		0.44	5.00	ug/L
205-99-2	Benzo(b)fluoranthene	44.1		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	39.7		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	42.5		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42.2		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	42.3		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	42.0		0.69	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	78.7		49 - 133	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	69.2		52 - 132	69%	SPK: 100
1718-51-0	Terphenyl-d14	73.5		48 - 125	74%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	226000	6.91			
1146-65-2	Naphthalene-d8	889000	8.192			
15067-26-2	Acenaphthene-d10	464000	9.945			
1517-22-2	Phenanthrene-d10	801000	11.433			
1719-03-5	Chrysene-d12	447000	14.074			
1520-96-3	Perylene-d12	449000	15.563			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY			Date Received:	
Client Sample ID:	PB167798BS			SDG No.:	Q1914
Lab Sample ID:	PB167798BS			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group3
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142252.D	1	04/30/25 08:35	05/01/25 11:13	PB167798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142252.D
Acq On : 01 May 2025 11:13
Operator : RC/JU
Sample : PB167798BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 01 12:23:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB167798BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	225762	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	889454	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	464234	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	800889	20.000	ng	0.00
76) Chrysene-d12	14.074	240	447227	20.000	ng	0.00
86) Perylene-d12	15.563	264	448663	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1573800	111.332	ng	0.02
7) Phenol-d6	6.528	99	1923984	112.709	ng	0.00
23) Nitrobenzene-d5	7.469	82	1064921	78.658	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	553053	130.679	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2279117	69.221	ng	0.00
79) Terphenyl-d14	13.022	244	2260338	73.507	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.799	88	214857	34.032	ng	99
3) Pyridine	3.546	79	612102	37.305	ng	99
4) n-Nitrosodimethylamine	3.499	42	354189	41.713	ng	99
6) Aniline	6.569	93	595232	24.635	ng	99
8) 2-Chlorophenol	6.693	128	621899	42.575	ng	100
9) Benzaldehyde	6.457	77	303059	25.401	ng	99
10) Phenol	6.546	94	757157m	41.200	ng	
11) bis(2-Chloroethyl)ether	6.646	93	582688	40.916	ng	100
12) 1,3-Dichlorobenzene	6.851	146	670657	40.585	ng	100
13) 1,4-Dichlorobenzene	6.928	146	672151	40.372	ng	99
14) 1,2-Dichlorobenzene	7.081	146	647246	40.722	ng	100
15) Benzyl Alcohol	7.045	79	513138	42.384	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1068891	41.566	ng	99
17) 2-Methylphenol	7.151	107	501113	41.877	ng	98
18) Hexachloroethane	7.422	117	228628	41.957	ng	96
19) n-Nitroso-di-n-propyla...	7.322	70	430394	40.801	ng	99
20) 3+4-Methylphenols	7.304	107	621160	41.509	ng	94
22) Acetophenone	7.316	105	826074	40.145	ng	100
24) Nitrobenzene	7.493	77	591218	44.506	ng	100
25) Isophorone	7.728	82	1178770	41.486	ng	100
26) 2-Nitrophenol	7.804	139	225734	41.847	ng	99
27) 2,4-Dimethylphenol	7.840	122	602922	42.086	ng	99
28) bis(2-Chloroethoxy)met...	7.940	93	734626	40.995	ng	99
29) 2,4-Dichlorophenol	8.040	162	512350	42.777	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	547350	40.953	ng	100
31) Naphthalene	8.216	128	1792007	40.399	ng	100
32) Benzoic acid	7.945	122	282191m	42.883	ng	
33) 4-Chloroaniline	8.251	127	121514	6.579	ng	99
34) Hexachlorobutadiene	8.328	225	323243	41.453	ng	99
35) Caprolactam	8.622	113	164045m	45.568	ng	
36) 4-Chloro-3-methylphenol	8.734	107	532722	43.315	ng	98
37) 2-Methylnaphthalene	8.904	142	1105725	40.544	ng	99
38) 1-Methylnaphthalene	9.004	142	1159466	41.039	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	523019	40.032	ng	99
41) Hexachlorocyclopentadiene	9.057	237	659241	88.906	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	354948	43.843	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142252.D
Acq On : 01 May 2025 11:13
Operator : RC/JU
Sample : PB167798BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 01 12:23:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB167798BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	386474	45.404	ng		98
46) 1,1'-Biphenyl	9.369	154	1475397	40.881	ng		100
47) 2-Chloronaphthalene	9.392	162	1092692	40.695	ng		99
48) 2-Nitroaniline	9.487	65	301543	43.124	ng		99
49) Acenaphthylene	9.810	152	1868315	41.234	ng		100
50) Dimethylphthalate	9.669	163	1278203	43.038	ng		100
51) 2,6-Dinitrotoluene	9.728	165	247512	43.832	ng		98
52) Acenaphthene	9.981	154	1161277	43.895	ng		100
53) 3-Nitroaniline	9.892	138	120832	19.467	ng		97
54) 2,4-Dinitrophenol	9.998	184	173600	84.535	ng	#	23
55) Dibenzofuran	10.157	168	1619144	40.827	ng		100
56) 4-Nitrophenol	10.045	139	471700	101.045	ng		98
57) 2,4-Dinitrotoluene	10.134	165	334335	48.433	ng		99
58) Fluorene	10.498	166	1240639	41.143	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	316821	44.934	ng		99
60) Diethylphthalate	10.369	149	1280368	43.657	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	583485	40.745	ng		99
62) 4-Nitroaniline	10.510	138	278877	44.489	ng		99
63) Azobenzene	10.651	77	1225283	42.308	ng		100
65) 4,6-Dinitro-2-methylph...	10.539	198	114521	44.424	ng		95
66) n-Nitrosodiphenylamine	10.610	169	1120137	40.934	ng		100
67) 4-Bromophenyl-phenylether	10.981	248	374442	41.981	ng		99
68) Hexachlorobenzene	11.045	284	416999	41.744	ng		99
69) Atrazine	11.133	200	327822	45.449	ng		98
70) Pentachlorophenol	11.233	266	491588	93.152	ng		98
71) Phenanthrene	11.463	178	1729683	39.983	ng		99
72) Anthracene	11.510	178	1809920	40.920	ng		100
73) Carbazole	11.663	167	1673738	41.482	ng		100
74) Di-n-butylphthalate	11.998	149	1832830	45.166	ng		100
75) Fluoranthene	12.645	202	1790811	41.876	ng		99
77) Benzidine	12.769	184	427420	22.492	ng		98
78) Pyrene	12.875	202	1769704	42.897	ng		99
80) Butylbenzylphthalate	13.498	149	508489	45.305	ng		98
81) Benzo(a)anthracene	14.063	228	1236291	41.178	ng		100
82) 3,3'-Dichlorobenzidine	14.027	252	102802	11.657	ng		99
83) Chrysene	14.104	228	1191462	43.597	ng		100
84) Bis(2-ethylhexyl)phtha...	14.057	149	629446	40.842	ng		100
85) Di-n-octyl phthalate	14.674	149	1146731	41.045	ng		100
87) Indeno(1,2,3-cd)pyrene	17.080	276	1385292	42.153	ng		100
88) Benzo(b)fluoranthene	15.127	252	1230162	44.141	ng		99
89) Benzo(k)fluoranthene	15.157	252	1011794	39.692	ng		99
90) Benzo(a)pyrene	15.504	252	1085464	42.542	ng		100
91) Dibenzo(a,h)anthracene	17.098	278	1127475	42.272	ng		100
92) Benzo(g,h,i)perylene	17.539	276	1126050	41.996	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142252.D
Acq On : 01 May 2025 11:13
Operator : RC/JU
Sample : PB167798BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 01 12:23:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
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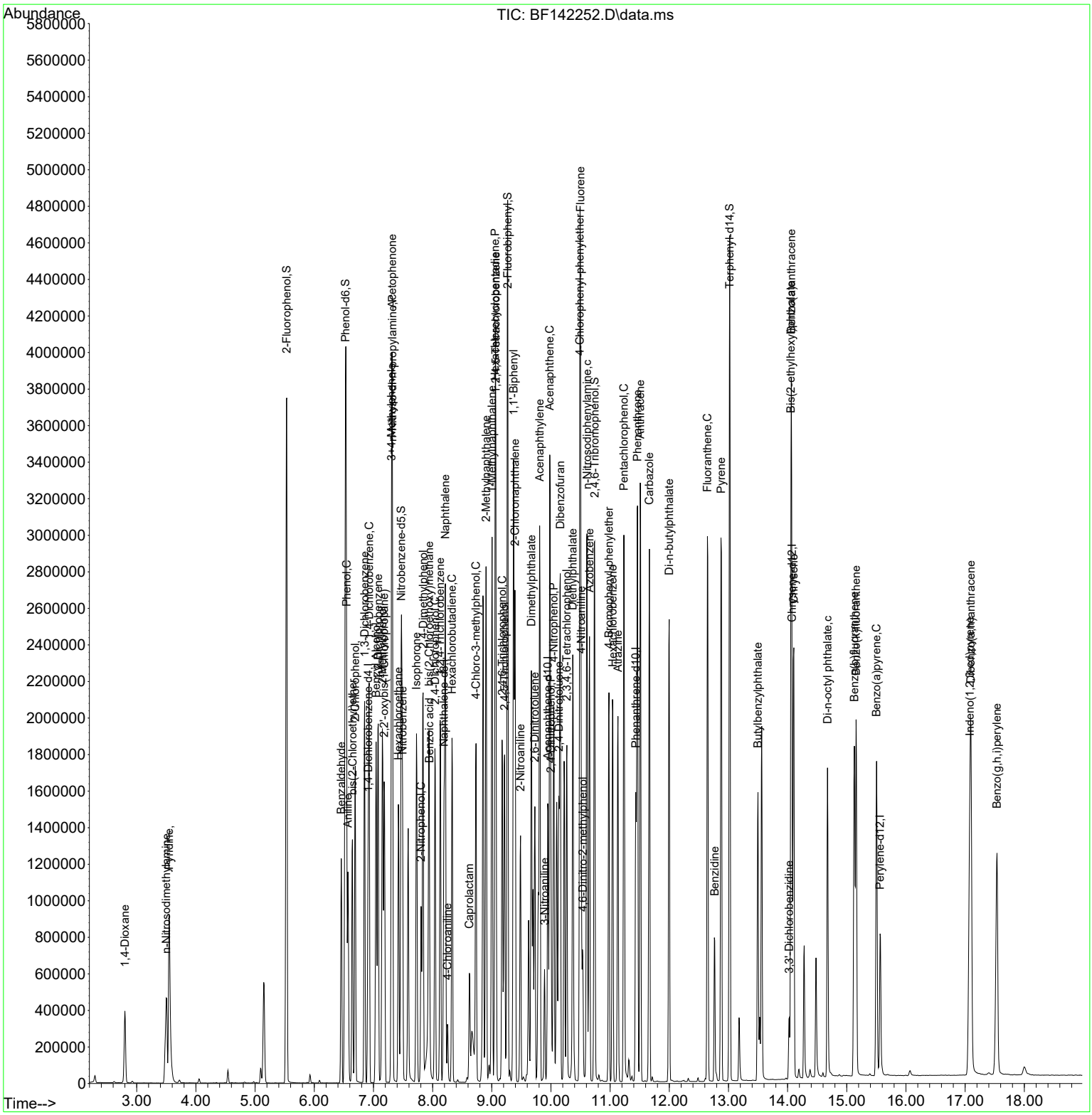
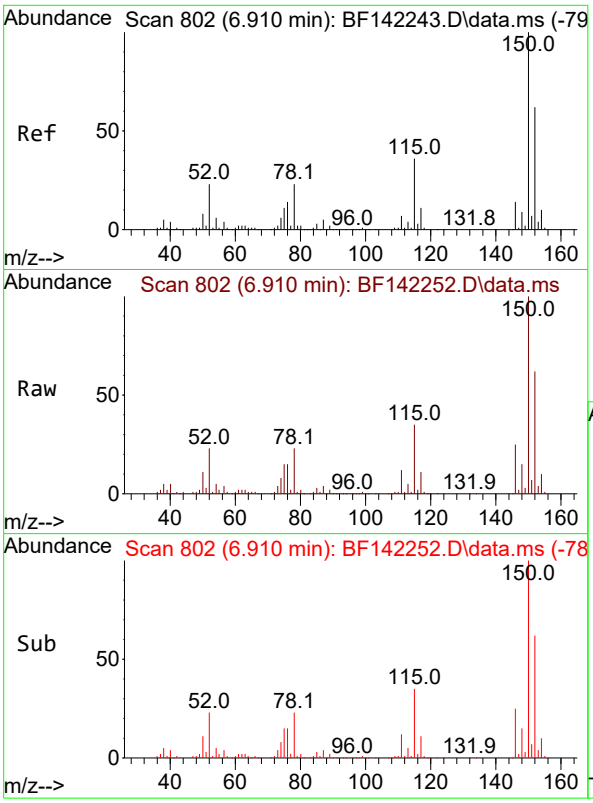
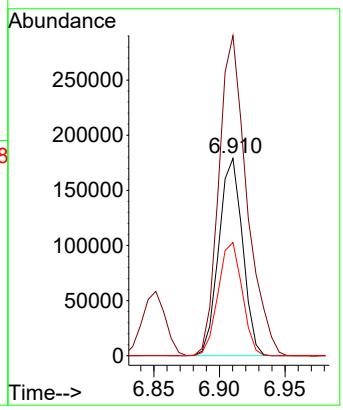




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:152 Resp: 22576

Ion	Ratio	Lower	Upper
152	100		
150	162.2	130.2	195.2
115	57.4	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
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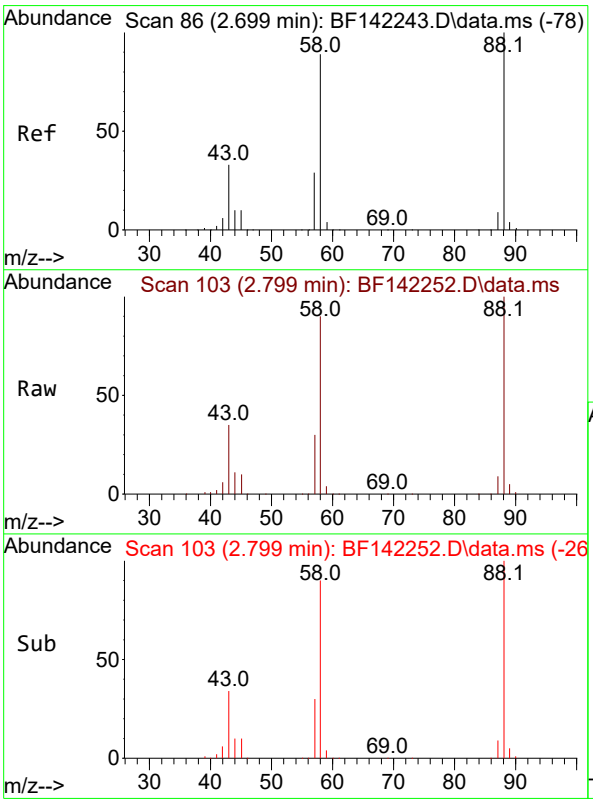
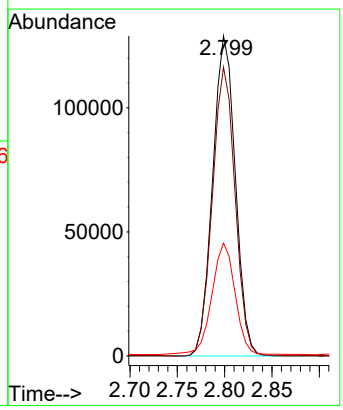
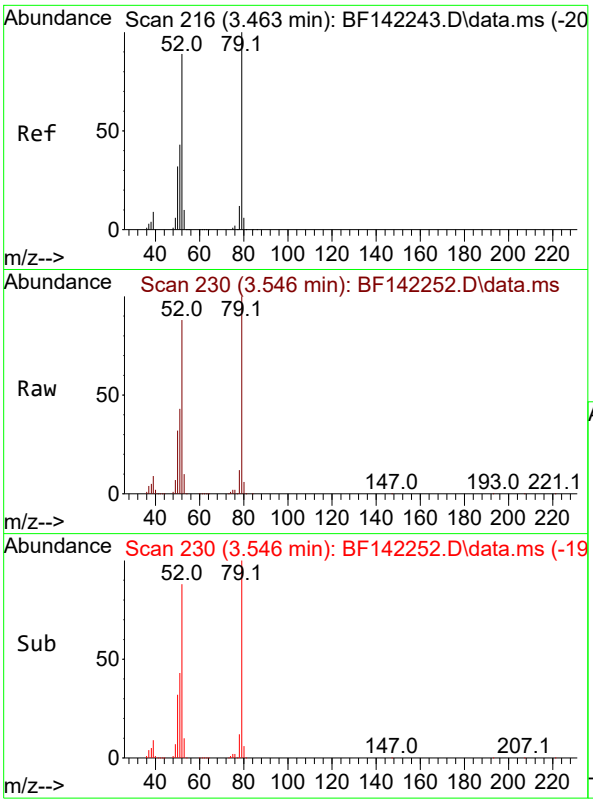


#2
1,4-Dioxane
Concen: 34.032 ng
RT: 2.799 min Scan# 103
Delta R.T. 0.100 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion: 88 Resp: 214857

Ion	Ratio	Lower	Upper
88	100		
58	90.3	72.2	108.2
43	35.8	27.0	40.6

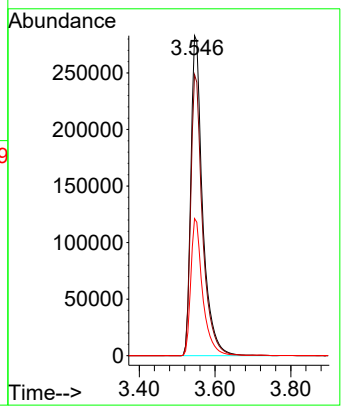




#3
Pyridine
Concen: 37.305 ng
RT: 3.546 min Scan# 2
Delta R.T. 0.082 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion: 79 Resp: 61210

Ion	Ratio	Lower	Upper
79	100		
52	87.8	71.5	107.3
51	42.9	34.5	51.7



Instrument :
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ClientSampleId :
PB167798BS

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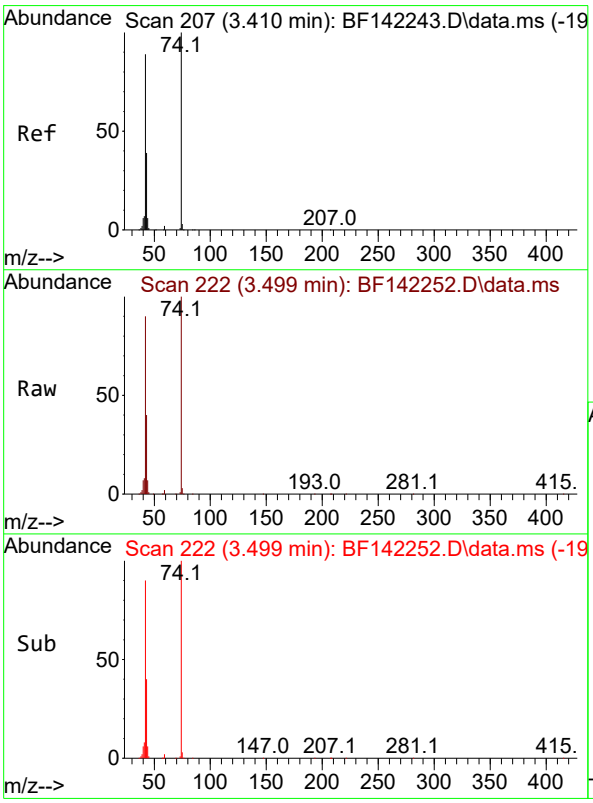
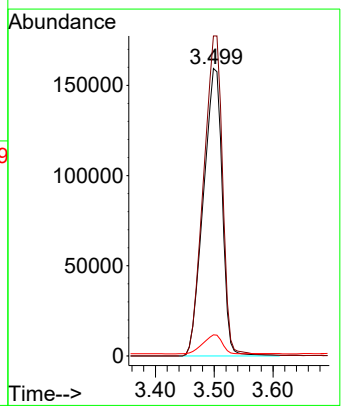
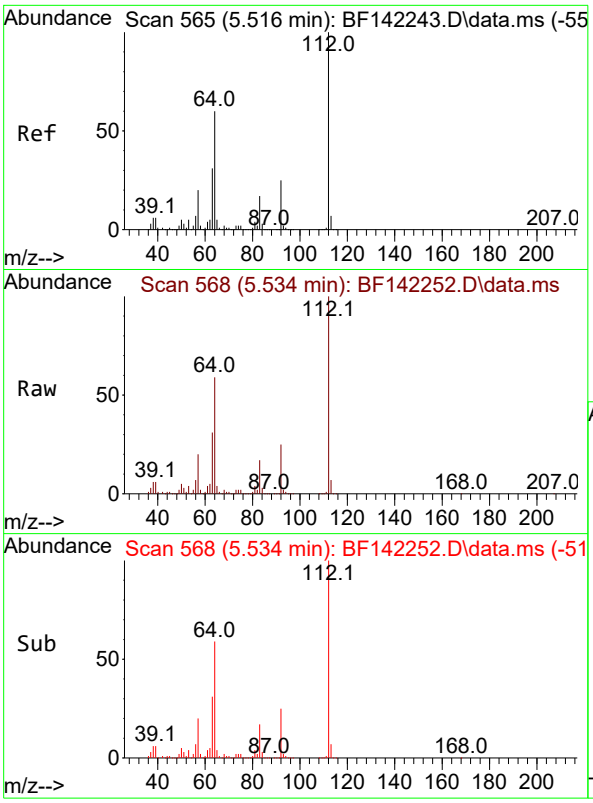


#4
n-Nitrosodimethylamine
Concen: 41.713 ng
RT: 3.499 min Scan# 222
Delta R.T. 0.088 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion: 42 Resp: 354189

Ion	Ratio	Lower	Upper
42	100		
74	111.3	89.5	134.3
44	7.4	6.6	9.8

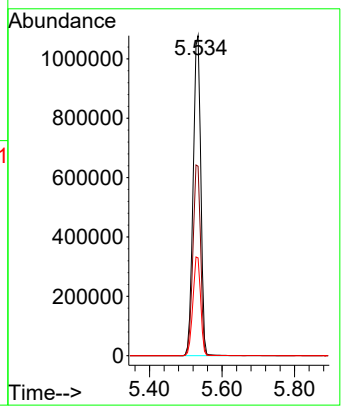




#5
2-Fluorophenol
Concen: 111.332 ng
RT: 5.534 min Scan# 5
Delta R.T. 0.018 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:112 Resp: 157380

Ion	Ratio	Lower	Upper
112	100		
64	59.2	48.4	72.6
63	30.5	24.8	37.2



Instrument :
BNA_F
ClientSampleId :
PB167798BS

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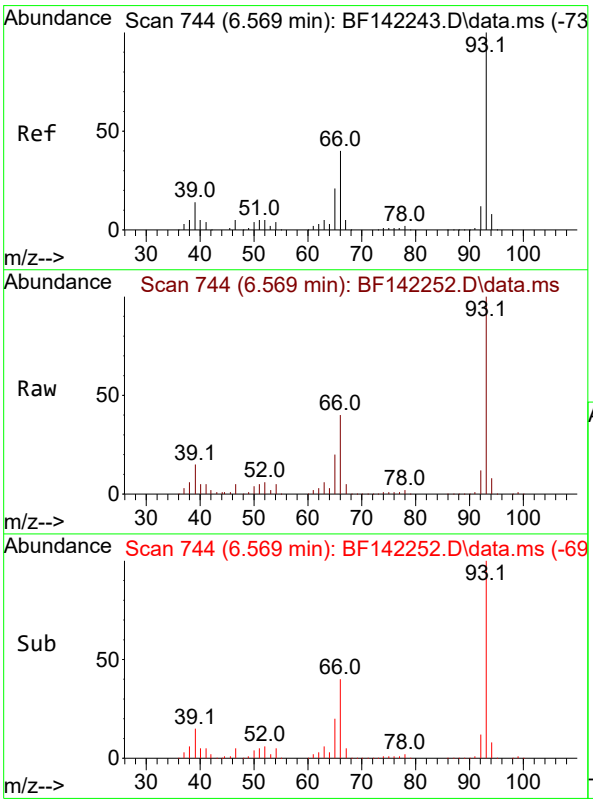
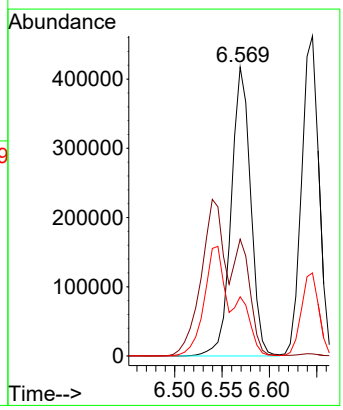
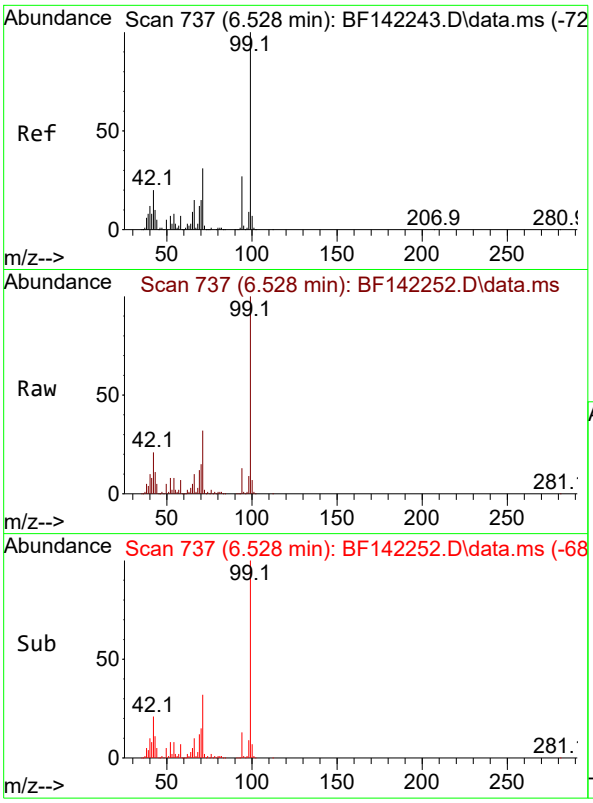


#6
Aniline
Concen: 24.635 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion: 93 Resp: 595232

Ion	Ratio	Lower	Upper
93	100		
66	40.4	32.1	48.1
65	20.5	16.6	24.8

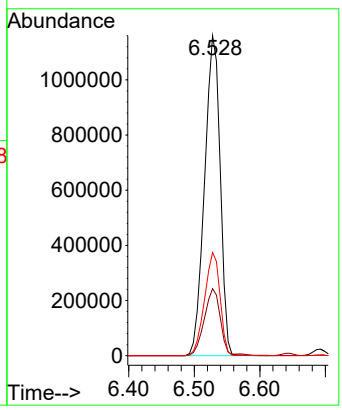




#7
Phenol-d6
Concen: 112.709 ng
RT: 6.528 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion: 99 Resp: 192398

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.3	24.5
71	32.3	25.0	37.4



Instrument :
BNA_F
ClientSampleId :
PB167798BS

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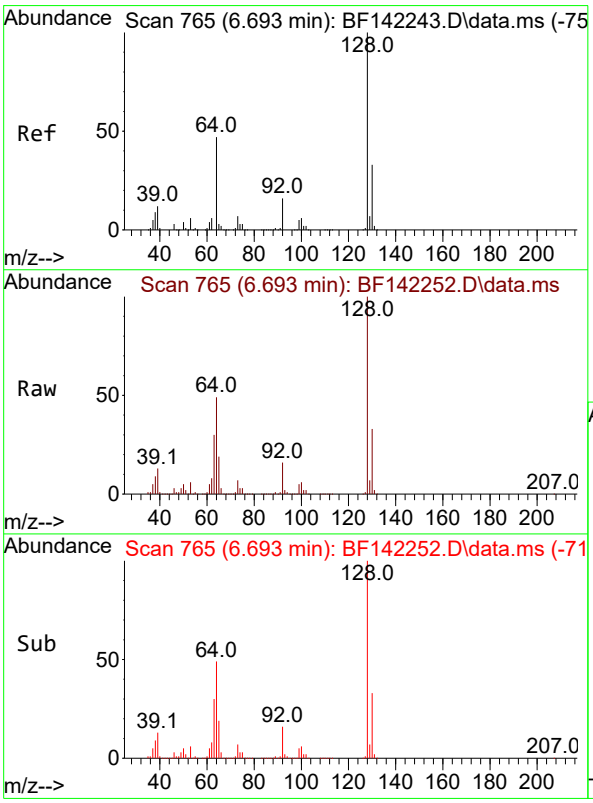
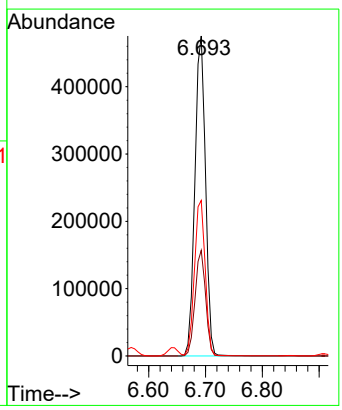
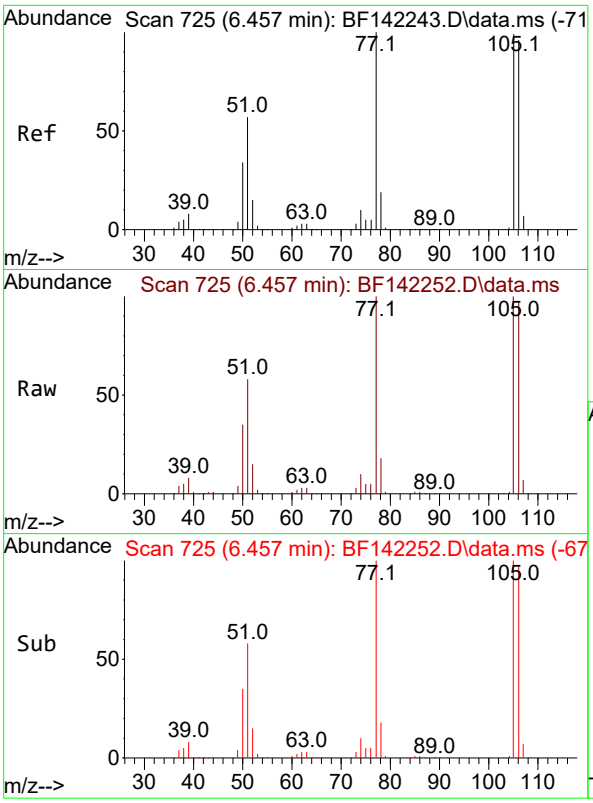


#8
2-Chlorophenol
Concen: 42.575 ng
RT: 6.693 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:128 Resp: 621899

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.1	53.1
64	48.6	28.6	68.6

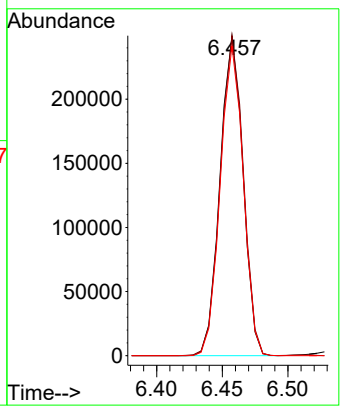




#9
Benzaldehyde
Concen: 25.401 ng
RT: 6.457 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion: 77 Resp: 30305

Ion	Ratio	Lower	Upper
77	100		
105	100.1	79.1	119.1
106	96.9	76.0	116.0



Instrument :
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ClientSampleId :
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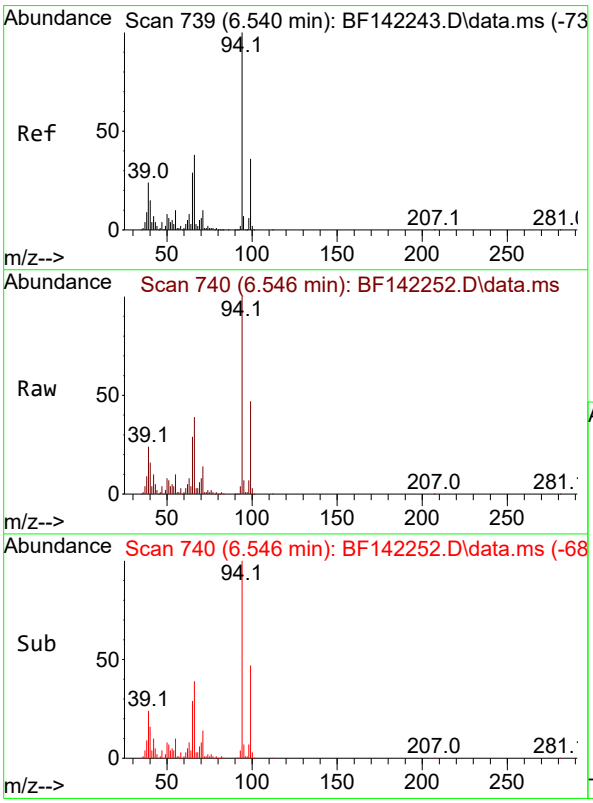
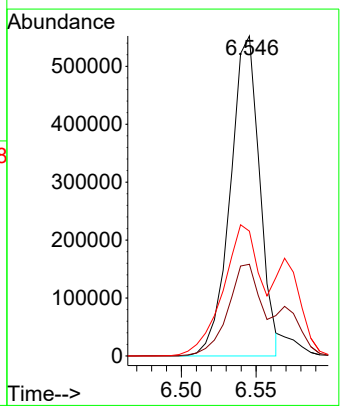
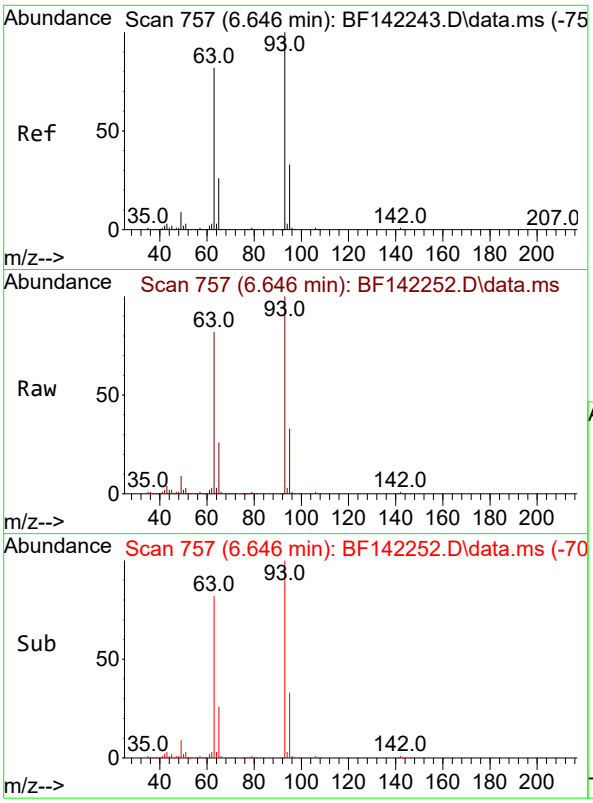


#10
Phenol
Concen: 41.200 ng m
RT: 6.546 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion: 94 Resp: 757157

Ion	Ratio	Lower	Upper
94	100		
65	28.7	8.9	48.9
66	39.0	18.7	58.7





#11
bis(2-Chloroethyl)ether
Concen: 40.916 ng
RT: 6.646 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion: 93 Resp: 58268

Ion	Ratio	Lower	Upper
93	100		
63	82.4	62.2	102.2
95	32.6	12.7	52.7

Instrument :
BNA_F
ClientSampleId :
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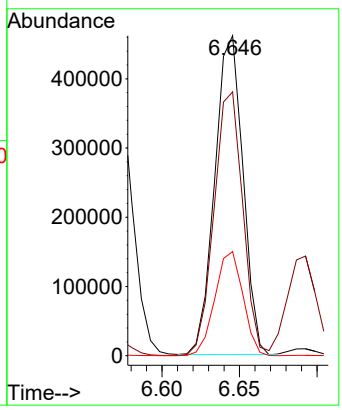
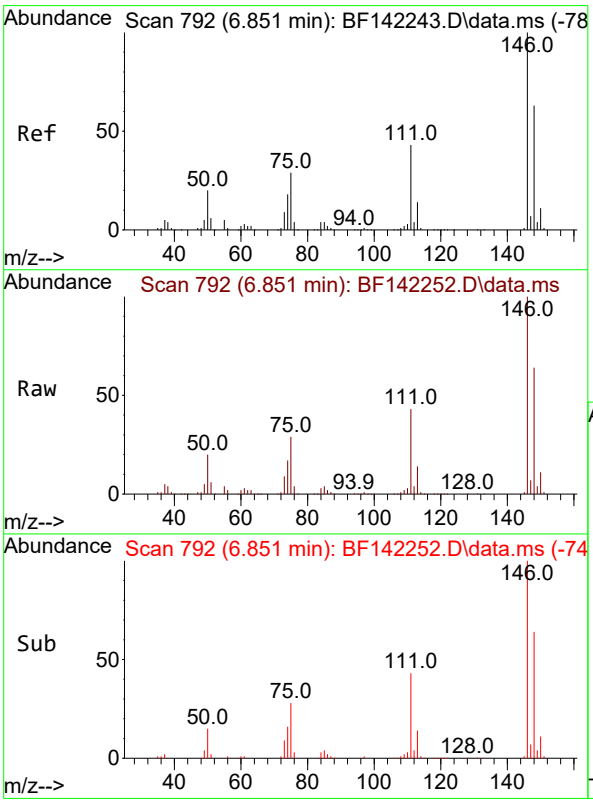
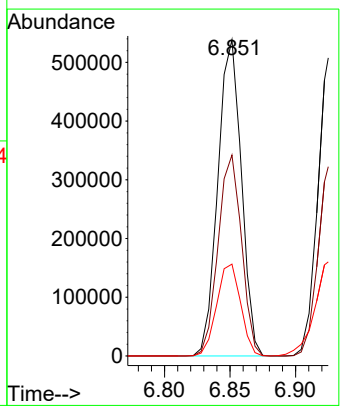


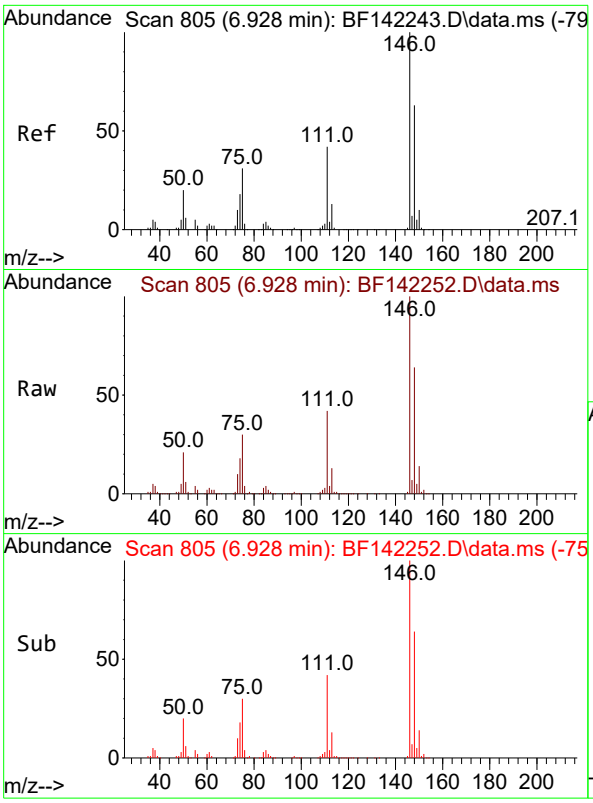


#12
1,3-Dichlorobenzene
Concen: 40.585 ng
RT: 6.851 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:146 Resp: 670657

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.5	75.7
75	29.1	23.2	34.8

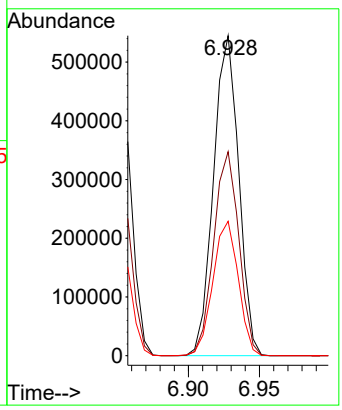




#13
1,4-Dichlorobenzene
Concen: 40.372 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:146 Resp: 67215

Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	76.0
111	42.0	33.4	50.0



Instrument :
BNA_F
ClientSampleId :
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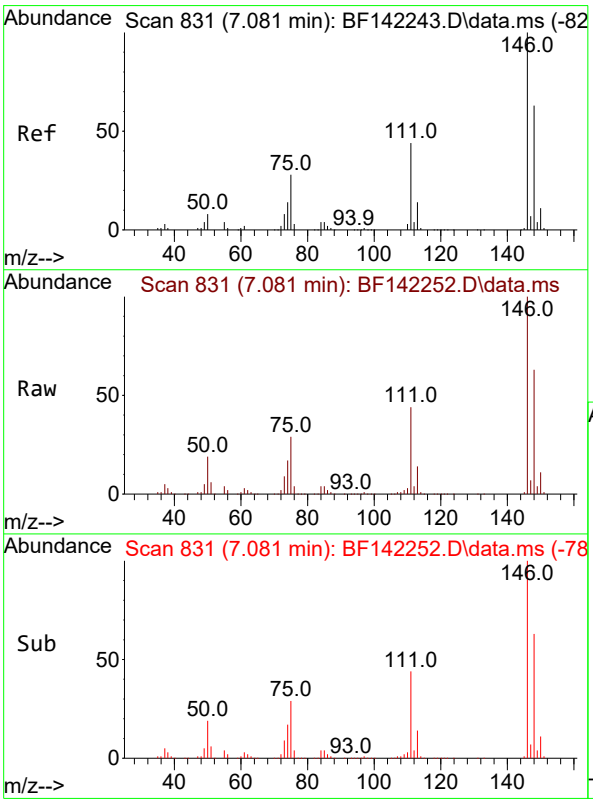
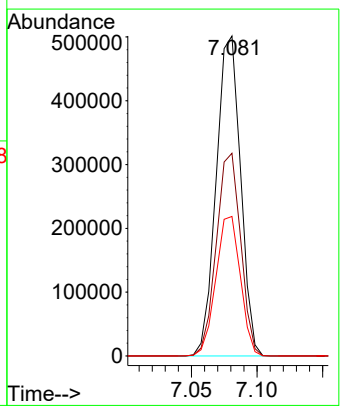
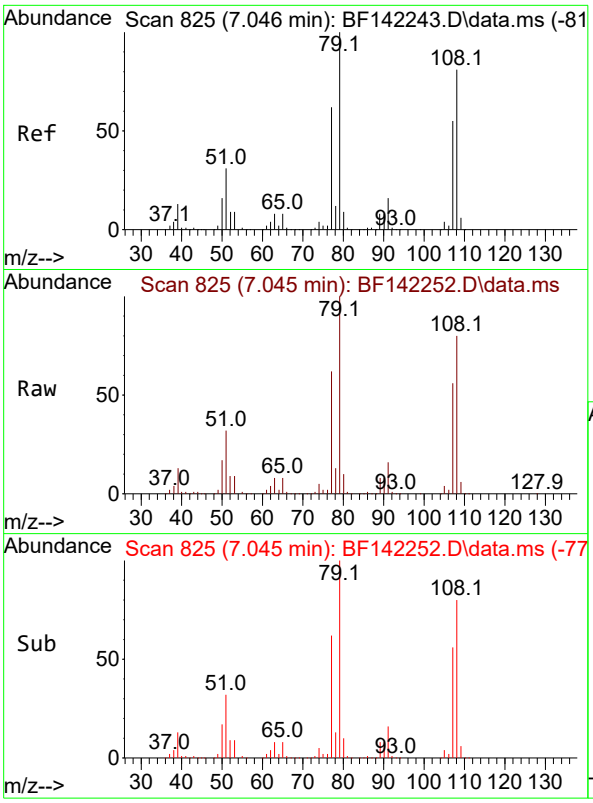


#14
1,2-Dichlorobenzene
Concen: 40.722 ng
RT: 7.081 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:146 Resp: 647246

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.5	75.7
111	43.6	34.9	52.3





#15
Benzyl Alcohol
Concen: 42.384 ng
RT: 7.045 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion: 79 Resp: 51313

Ion	Ratio	Lower	Upper
79	100		
108	80.3	64.5	96.7
77	62.5	49.2	73.8

Instrument :
BNA_F
ClientSampleId :
PB167798BS

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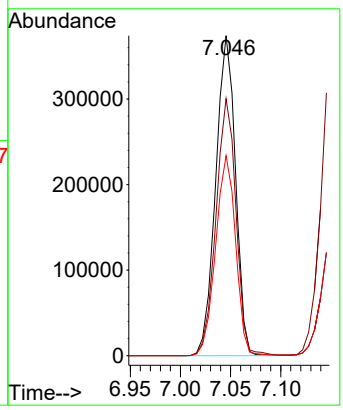
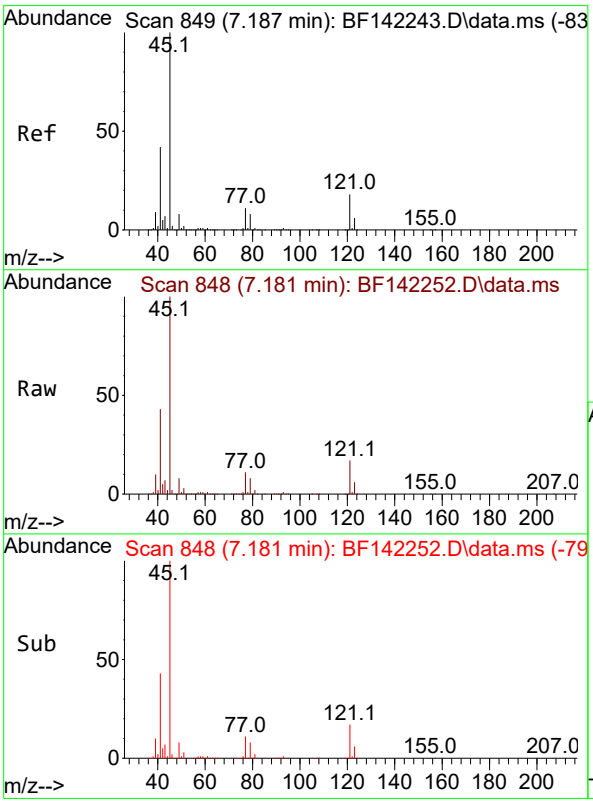
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

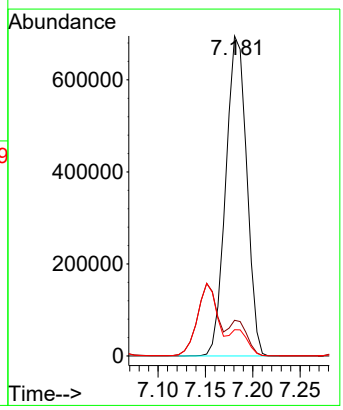


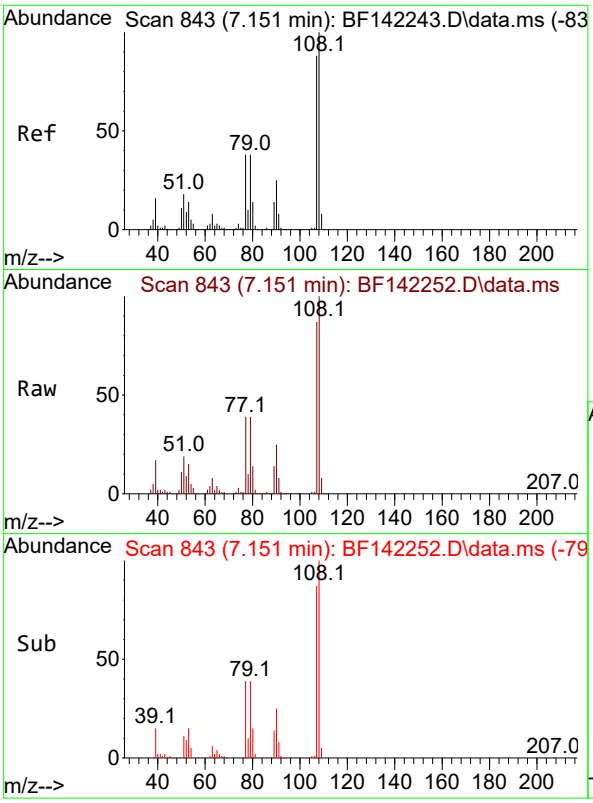


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.566 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion: 45 Resp: 1068891

Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	31.3
79	8.2	0.0	28.5

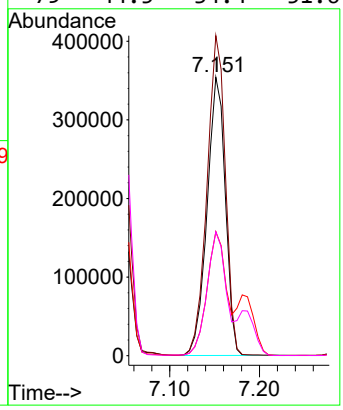




#17
2-Methylphenol
Concen: 41.877 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:107 Resp: 50111

Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.0	136.4
77	44.6	34.4	51.6
79	44.5	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
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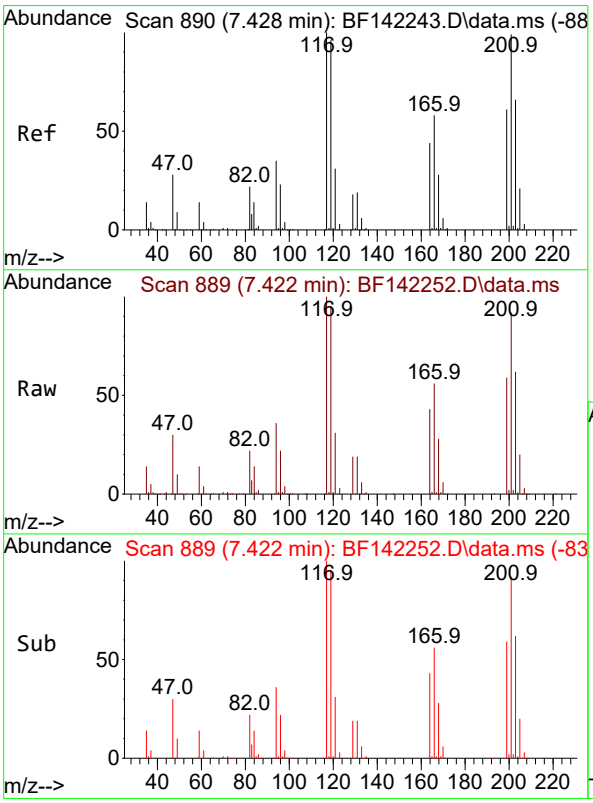
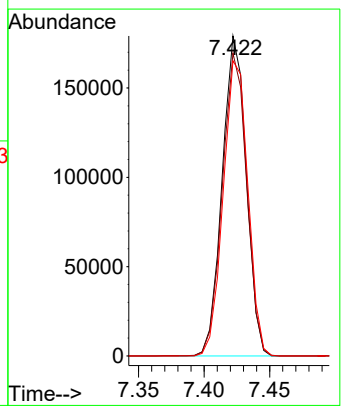
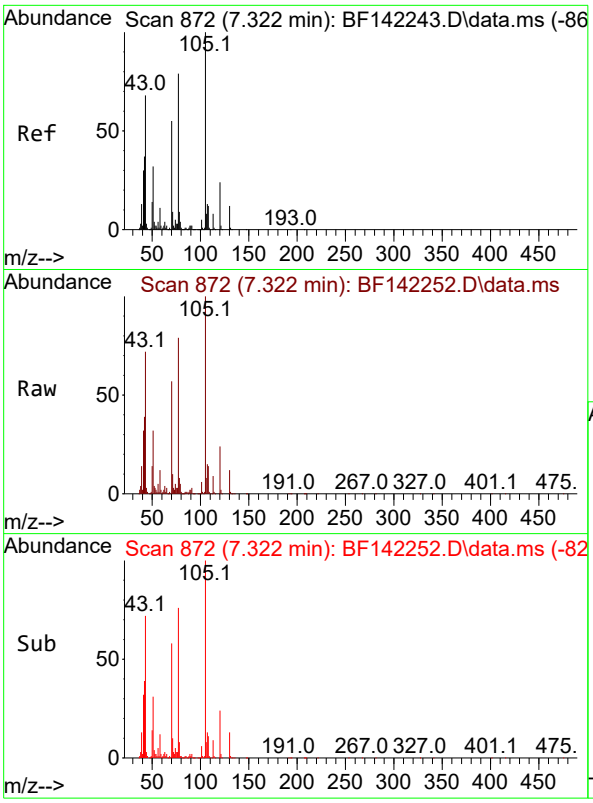


#18
Hexachloroethane
Concen: 41.957 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:117 Resp: 228628

Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.1	115.7
201	92.2	79.4	119.2

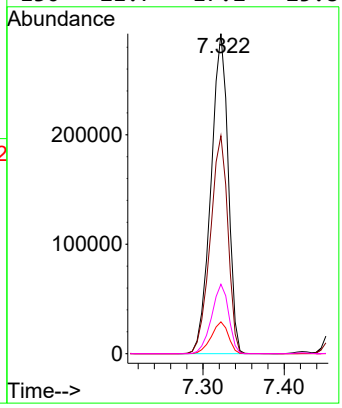




#19
n-Nitroso-di-n-propylamine
Concen: 40.801 ng
RT: 7.322 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion: 70 Resp: 43039

Ion	Ratio	Lower	Upper
70	100		
42	68.1	53.4	80.2
101	10.0	7.7	11.5
130	21.7	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
PB167798BS

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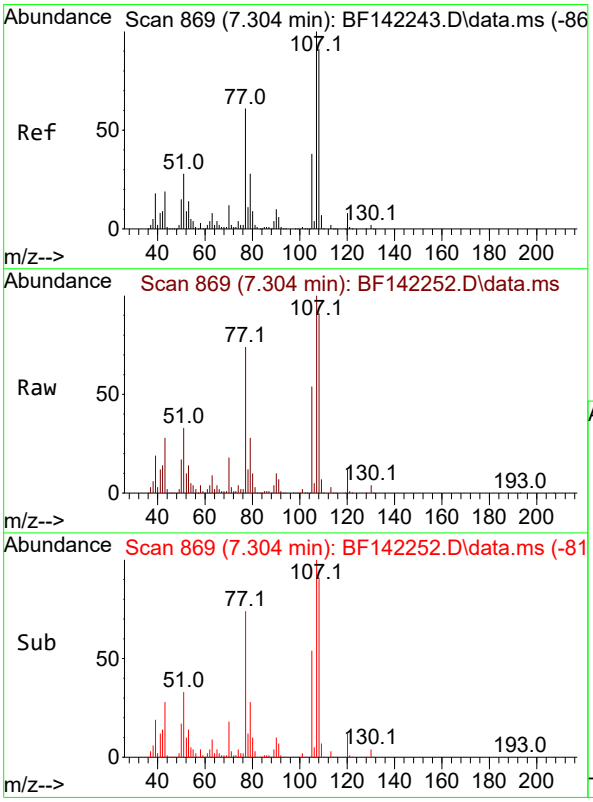
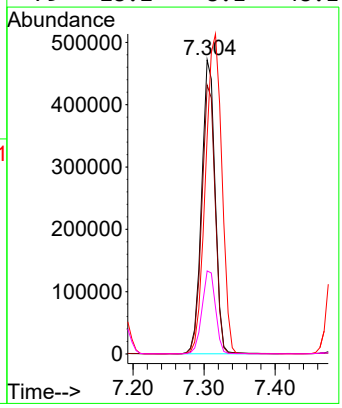
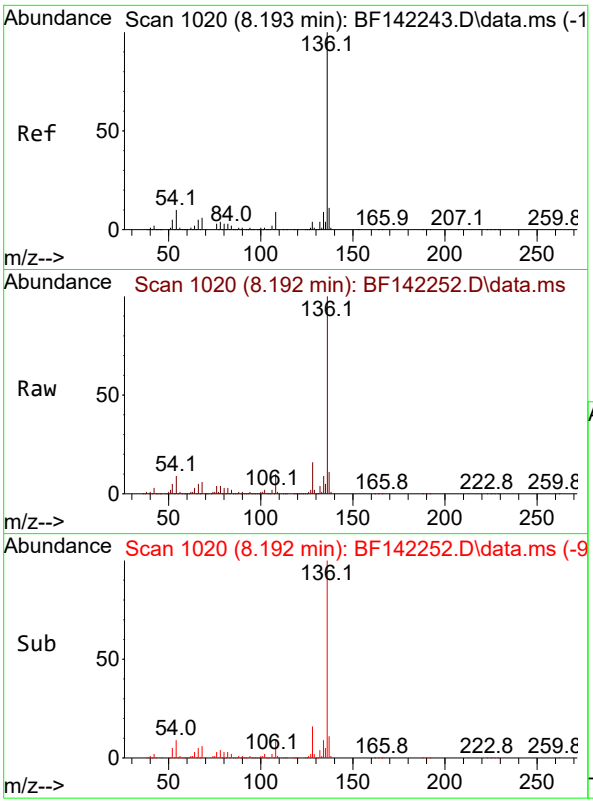


#20
3+4-Methylphenols
Concen: 41.509 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:107 Resp: 621160

Ion	Ratio	Lower	Upper
107	100		
108	91.4	71.2	111.2
77	73.8	41.1	81.1
79	28.2	8.1	48.1

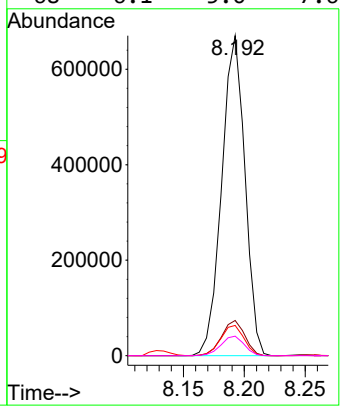




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1
Delta R.T. -0.001 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:136 Resp: 88945

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.5	7.7	11.5
68	6.1	5.0	7.6



Instrument :
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ClientSampleId :
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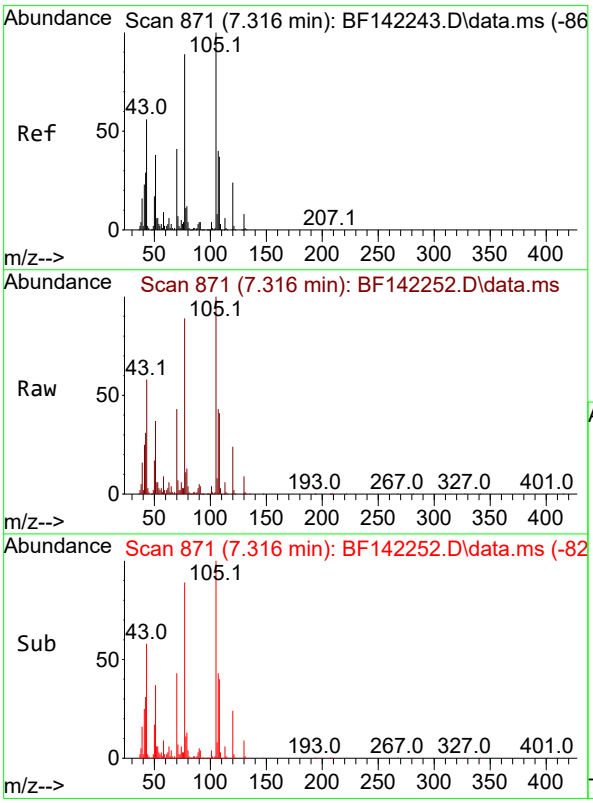
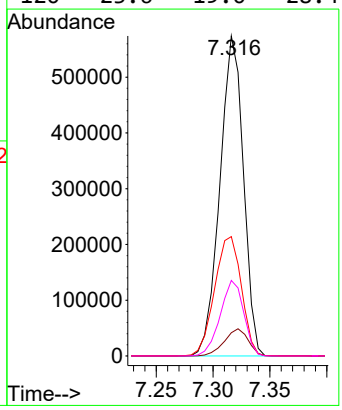
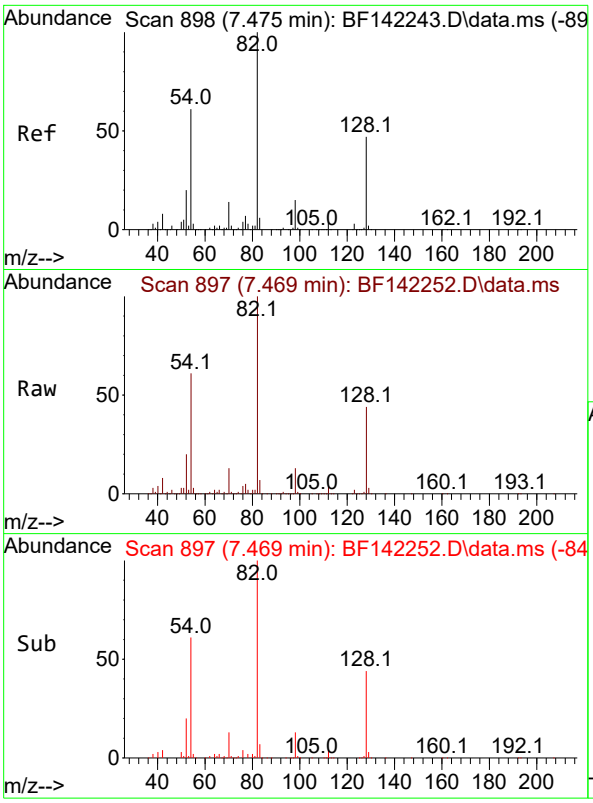


#22
Acetophenone
Concen: 40.145 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:105 Resp: 826074

Ion	Ratio	Lower	Upper
105	100		
71	7.3	5.7	8.5
51	37.3	30.1	45.1
120	23.6	19.0	28.4

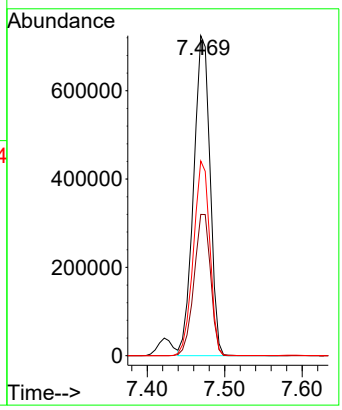




#23
Nitrobenzene-d5
Concen: 78.658 ng
RT: 7.469 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion: 82 Resp: 106492

Ion	Ratio	Lower	Upper
82	100		
128	44.2	37.0	55.6
54	60.8	48.0	72.0



Instrument :
BNA_F
ClientSampleId :
PB167798BS

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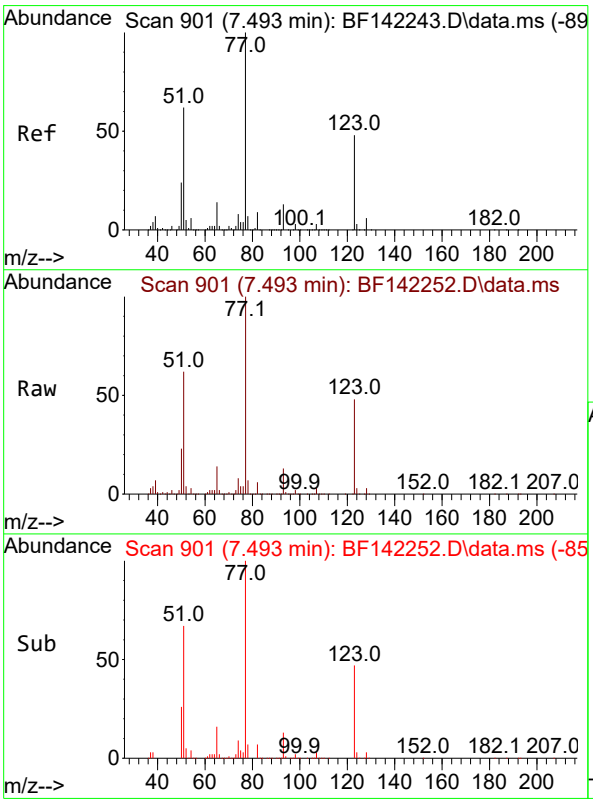
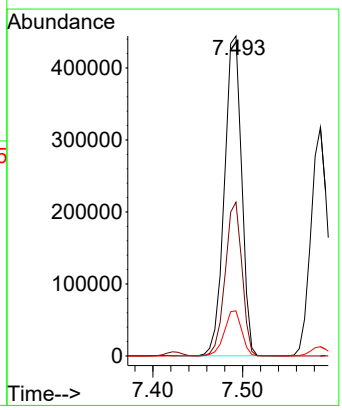
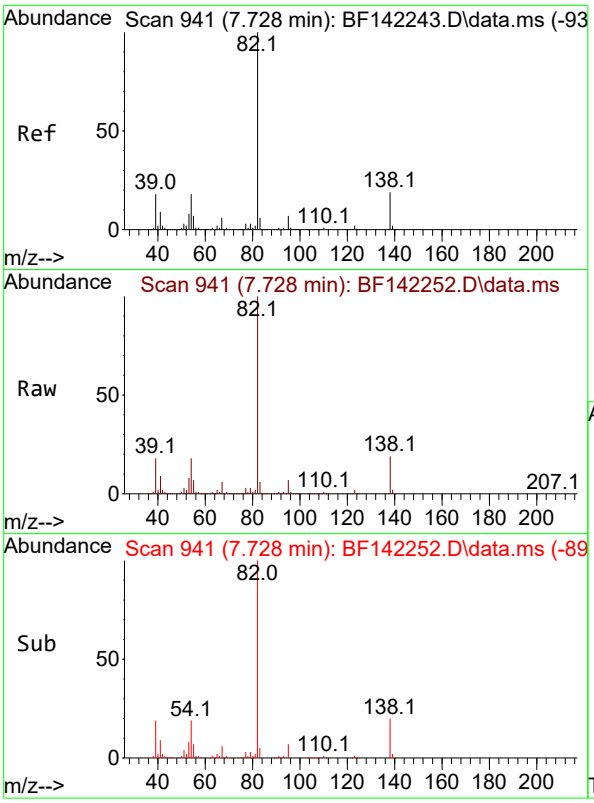


#24
Nitrobenzene
Concen: 44.506 ng
RT: 7.493 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion: 77 Resp: 591218

Ion	Ratio	Lower	Upper
77	100		
123	48.1	38.6	58.0
65	14.1	11.5	17.3





#25
Isophorone
Concen: 41.486 ng
RT: 7.728 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion: 82 Resp: 117877

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	19.3	15.3	22.9

Instrument :
BNA_F
ClientSampleId :
PB167798BS

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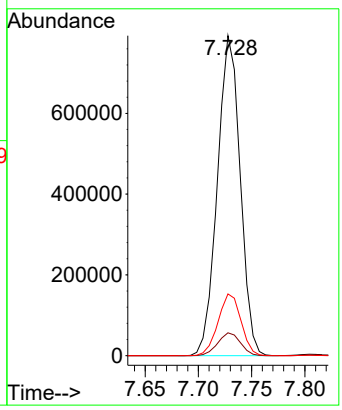
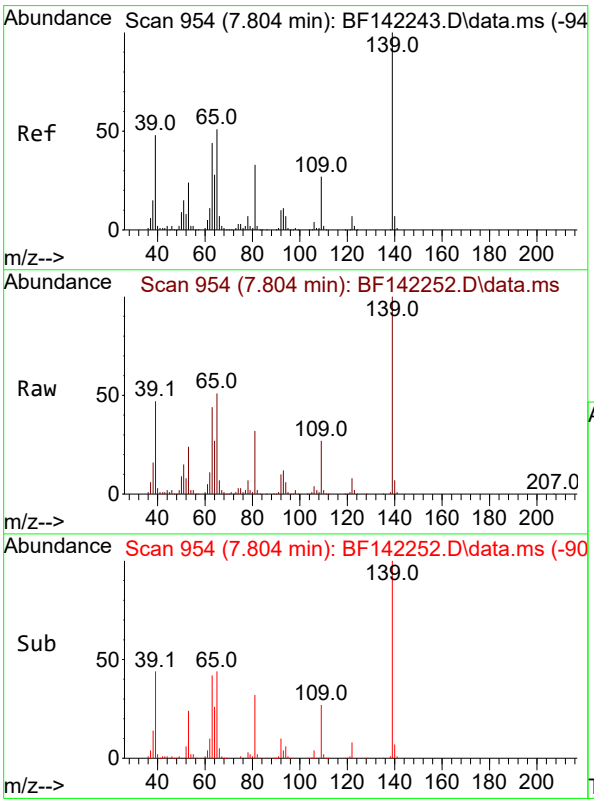
Supervised By :Jagrut Upadhyay 05/02/2025

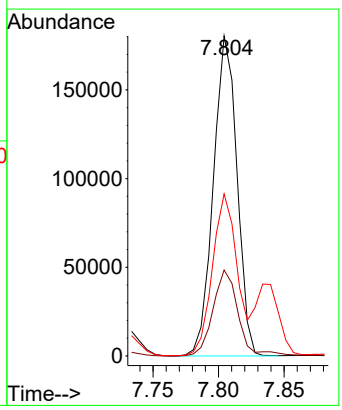


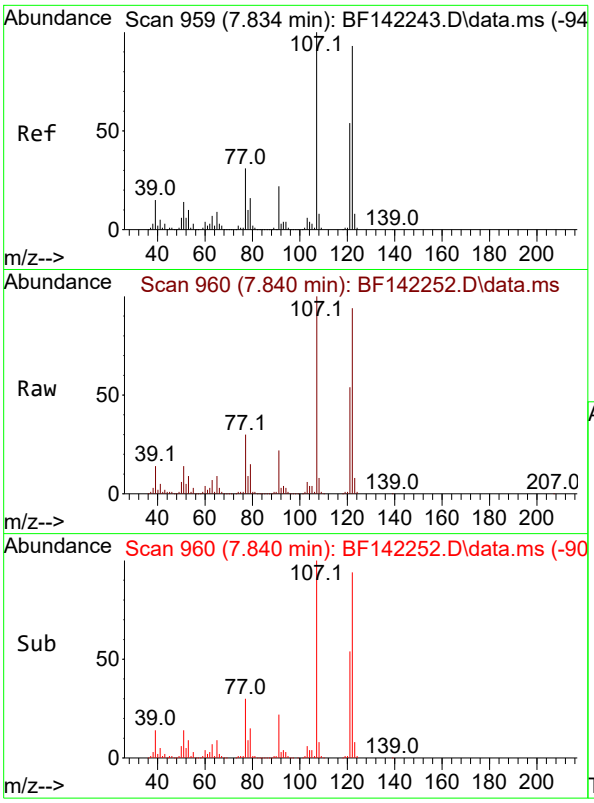


#26
2-Nitrophenol
Concen: 41.847 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:139 Resp: 225734

Ion	Ratio	Lower	Upper
139	100		
109	26.8	21.8	32.8
65	50.7	41.1	61.7

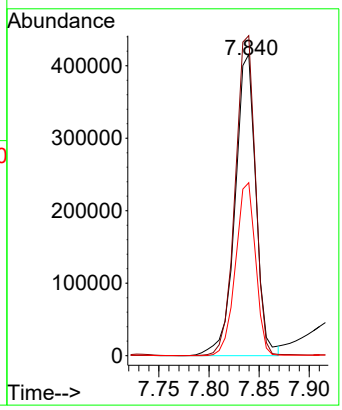




#27
2,4-Dimethylphenol
Concen: 42.086 ng
RT: 7.840 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:122 Resp: 60292

Ion	Ratio	Lower	Upper
122	100		
107	106.2	86.0	129.0
121	57.4	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
PB167798BS

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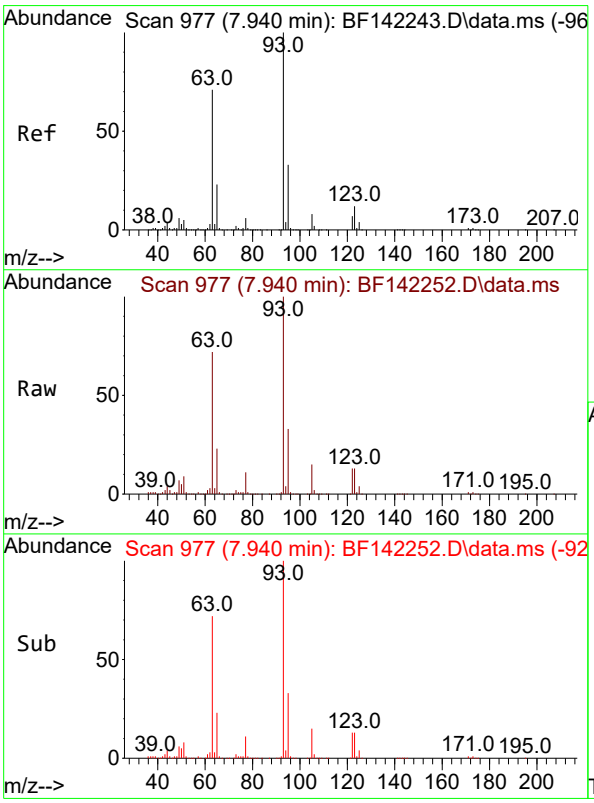
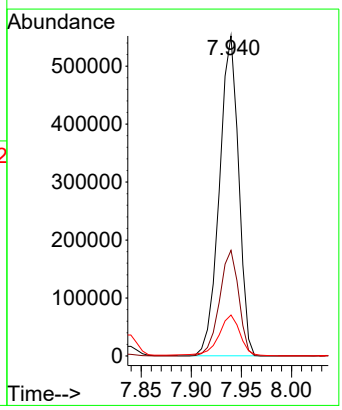
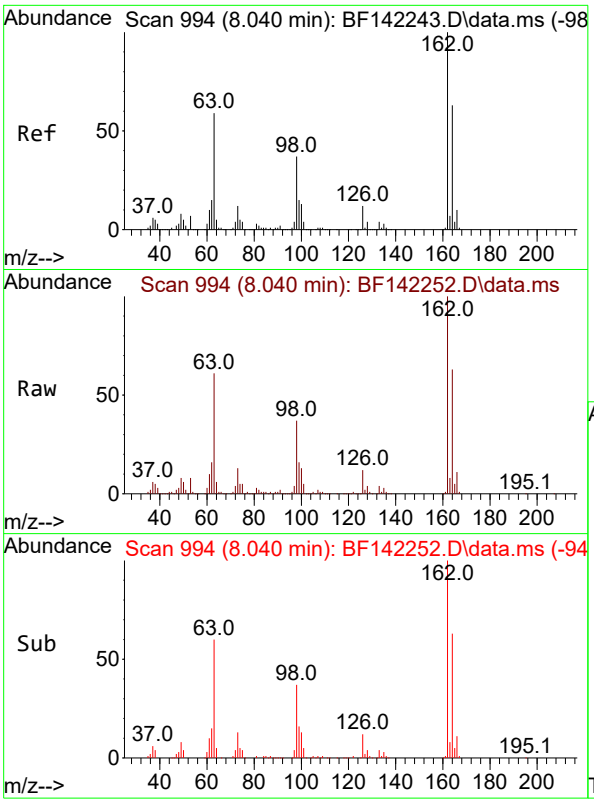


#28
bis(2-Chloroethoxy)methane
Concen: 40.995 ng
RT: 7.940 min Scan# 977
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion: 93 Resp: 734626

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.2
123	12.8	9.7	14.5





#29
2,4-Dichlorophenol
Concen: 42.777 ng
RT: 8.040 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:162 Resp: 51235

Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.0	83.0
98	37.2	16.7	56.7

Instrument :
BNA_F
ClientSampleId :
PB167798BS

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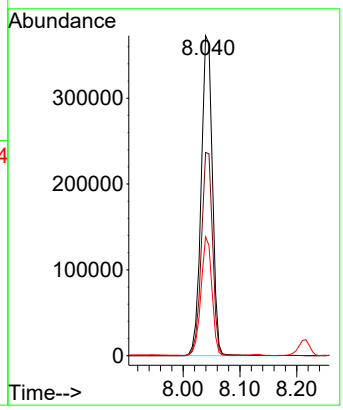
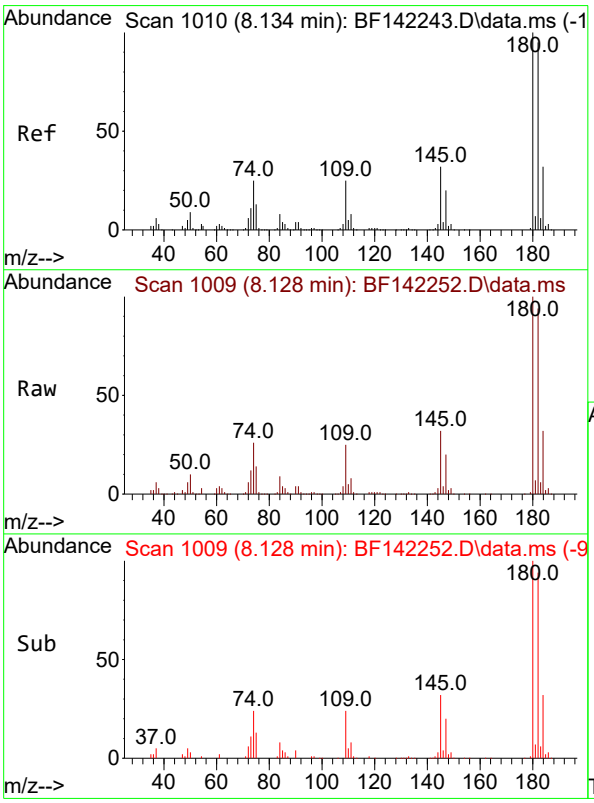
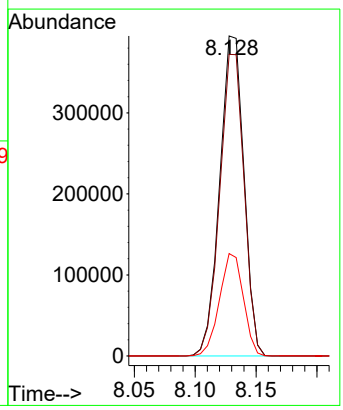


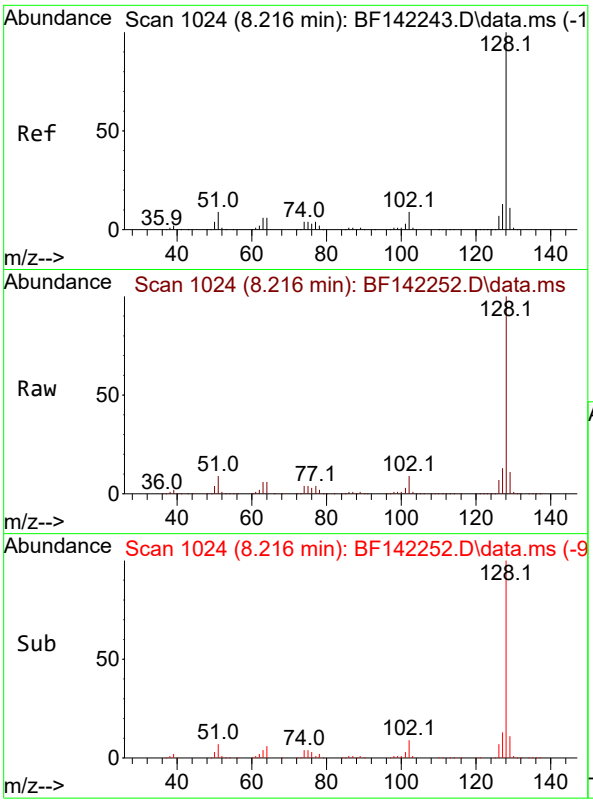


#30
1,2,4-Trichlorobenzene
Concen: 40.953 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:180 Resp: 547350

Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.7	113.5
145	32.0	25.4	38.0





#31
Naphthalene
Concen: 40.399 ng
RT: 8.216 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Instrument :
BNA_F
ClientSampleId :
PB167798BS

Tgt Ion:128 Resp: 179200

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.3	10.6	15.8

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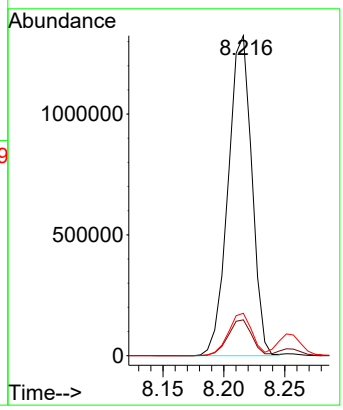
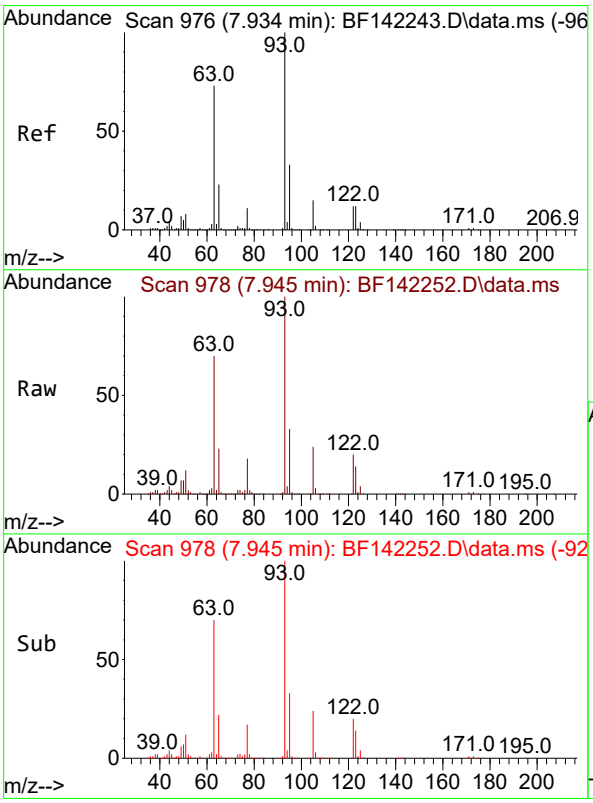
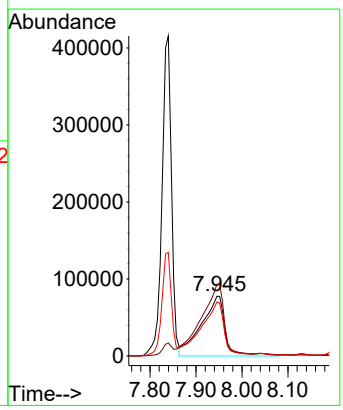


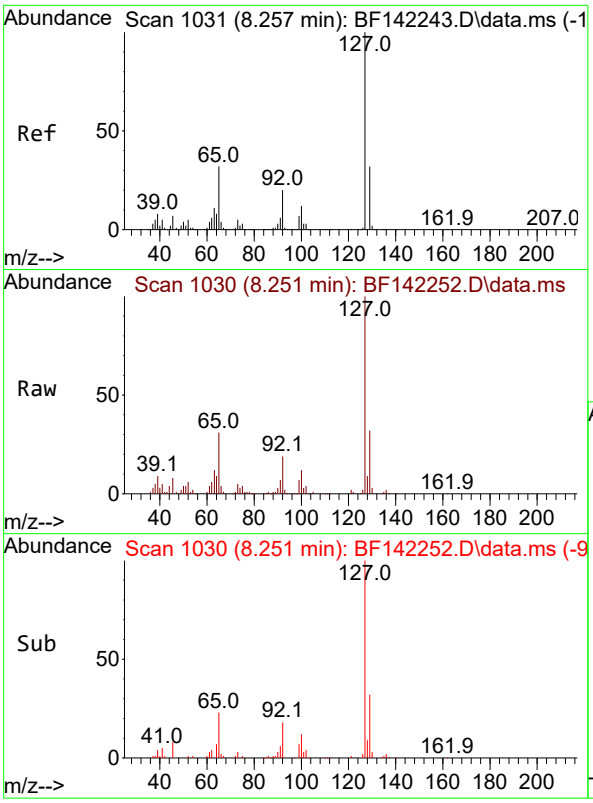


#32
Benzoic acid
Concen: 42.883 ng m
RT: 7.945 min Scan# 978
Delta R.T. 0.011 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:122 Resp: 282191

Ion	Ratio	Lower	Upper
122	100		
105	120.3	98.2	138.2
77	90.3	66.8	106.8

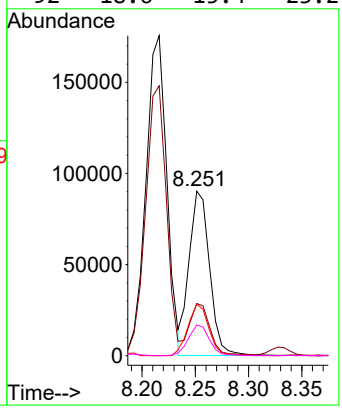




#33
4-Chloroaniline
Concen: 6.579 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:127 Resp: 12151

Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.1	39.1
65	31.4	25.5	38.3
92	18.6	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
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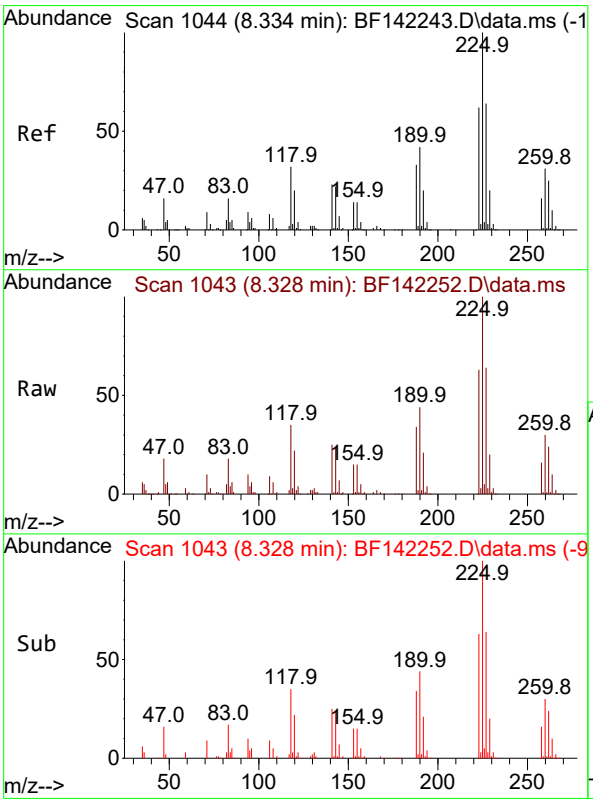
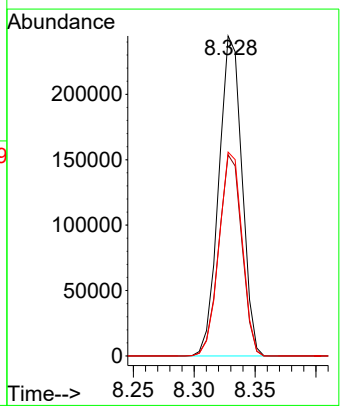
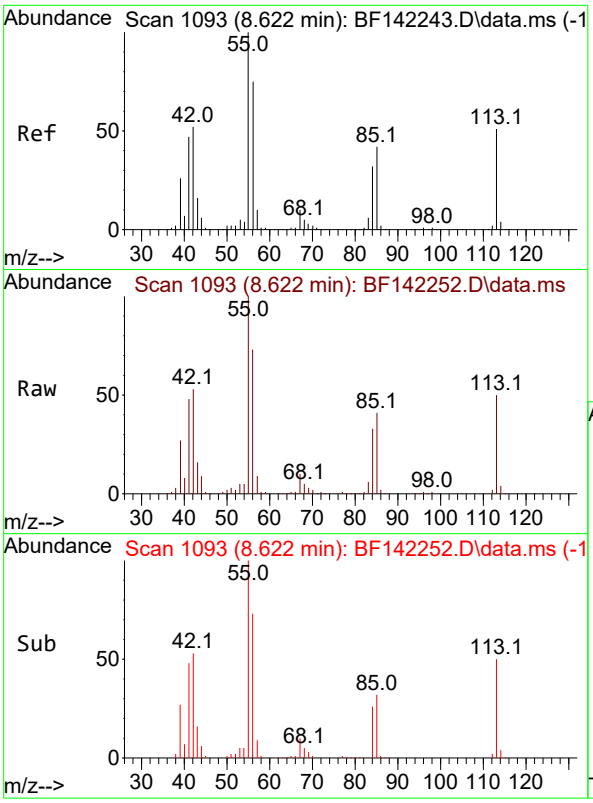


#34
Hexachlorobutadiene
Concen: 41.453 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:225 Resp: 323243

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.7	74.5
227	63.7	51.0	76.4

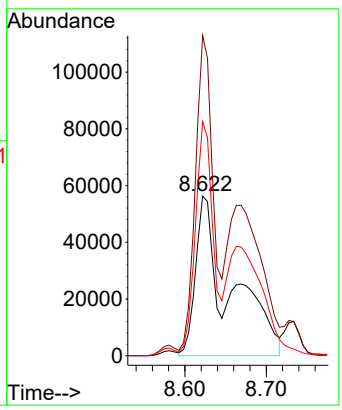




#35
Caprolactam
Concen: 45.568 ng m
RT: 8.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:113 Resp: 16404

Ion	Ratio	Lower	Upper
113	100		
55	200.6	177.7	217.7
56	146.8	127.1	167.1



Instrument :
BNA_F
ClientSampleId :
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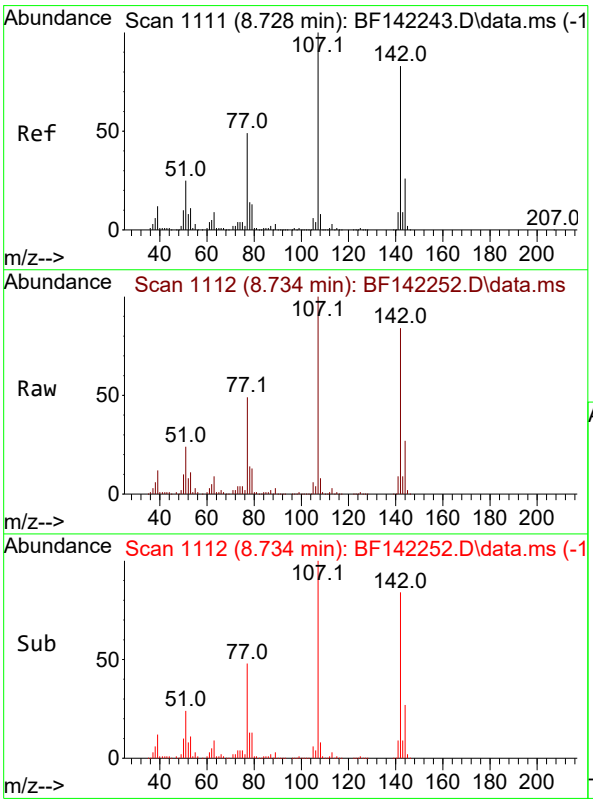
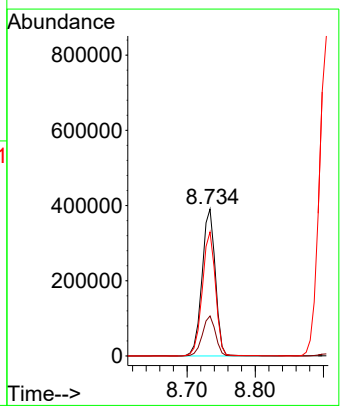
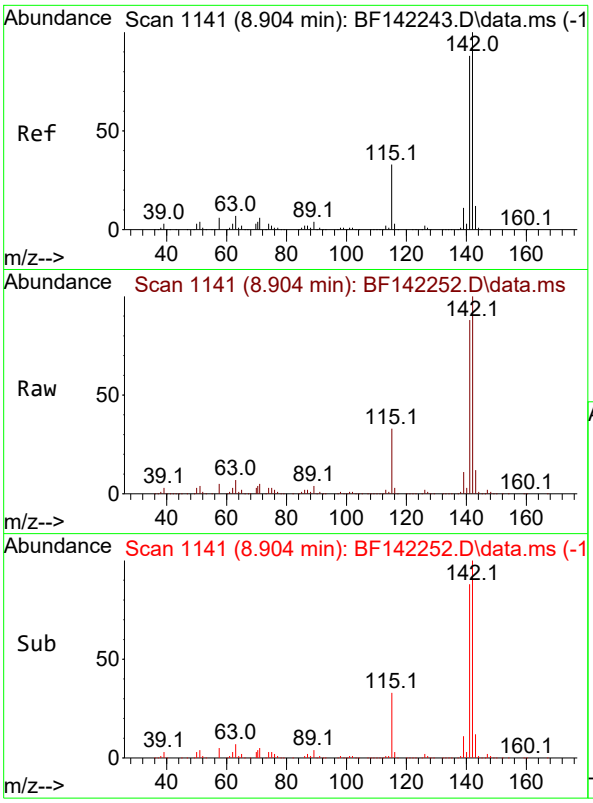


#36
4-Chloro-3-methylphenol
Concen: 43.315 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:107 Resp: 532722

Ion	Ratio	Lower	Upper
107	100		
144	27.2	21.0	31.4
142	84.4	66.1	99.1





#37
2-Methylnaphthalene
Concen: 40.544 ng
RT: 8.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:142 Resp: 110572

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.5	105.7

Instrument :
BNA_F
ClientSampleId :
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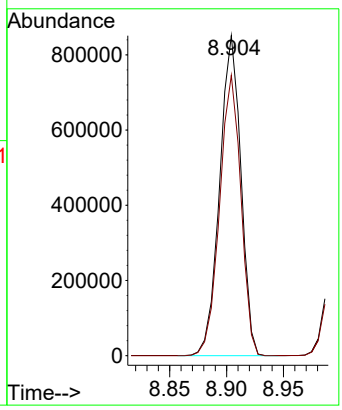
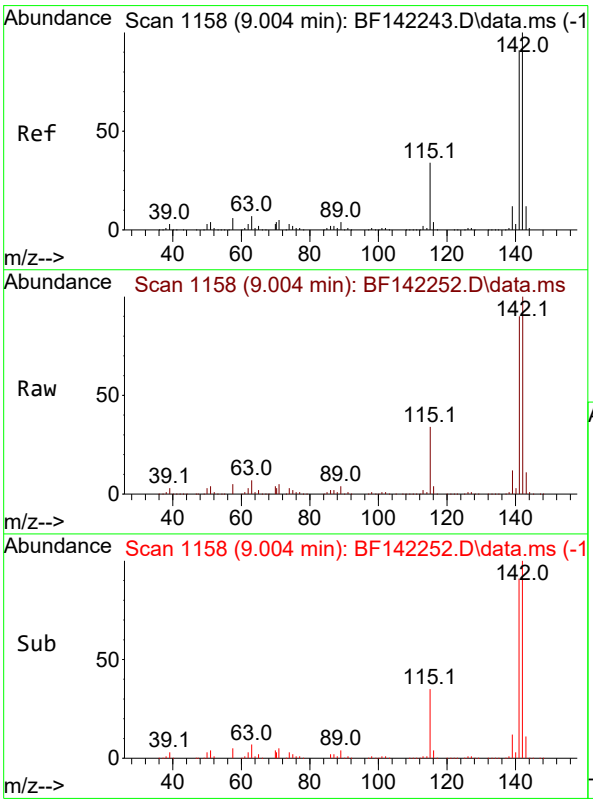
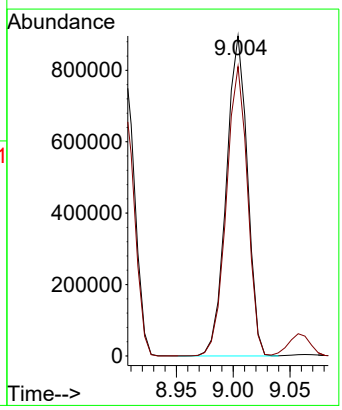


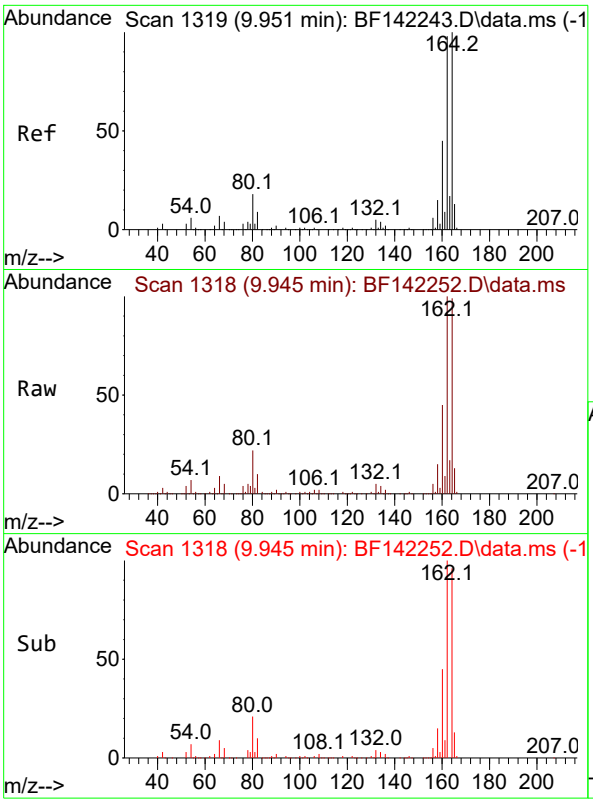


#38
1-Methylnaphthalene
Concen: 41.039 ng
RT: 9.004 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:142 Resp: 1159466

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.8	109.2

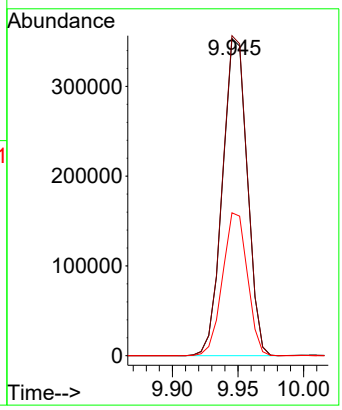




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:164 Resp: 46423

Ion	Ratio	Lower	Upper
164	100		
162	100.9	78.6	117.8
160	45.1	35.7	53.5



Instrument :
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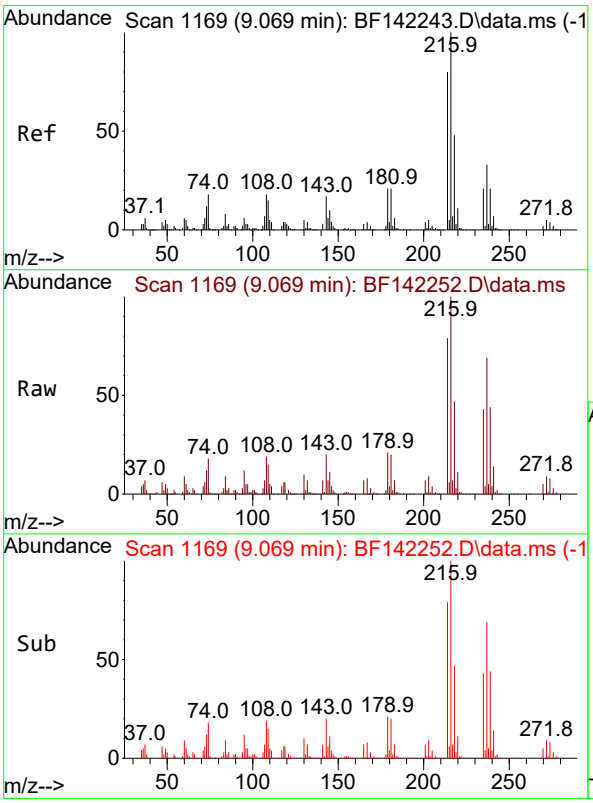
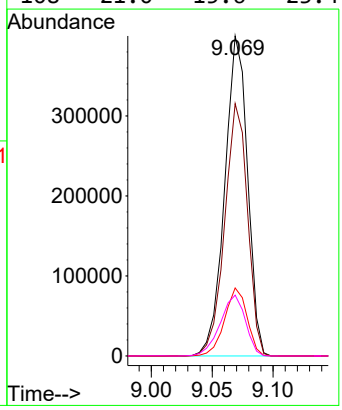
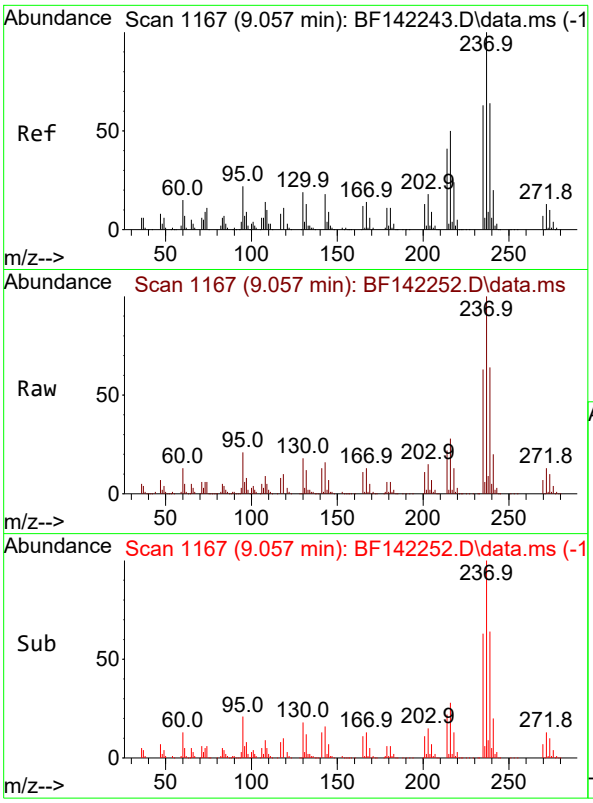


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.032 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:216 Resp: 523019

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.8	95.6
179	21.0	16.7	25.1
108	21.0	15.6	23.4

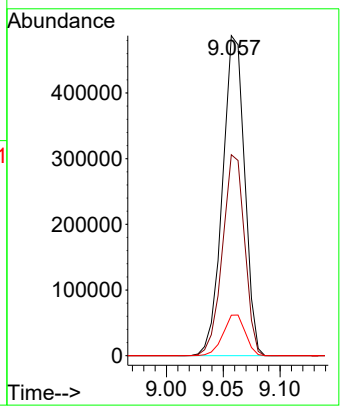




#41
Hexachlorocyclopentadiene
Concen: 88.906 ng
RT: 9.057 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:237 Resp: 65924

Ion	Ratio	Lower	Upper
237	100		
235	62.8	43.5	83.5
272	12.6	0.0	32.9



Instrument :
BNA_F
ClientSampleId :
PB167798BS

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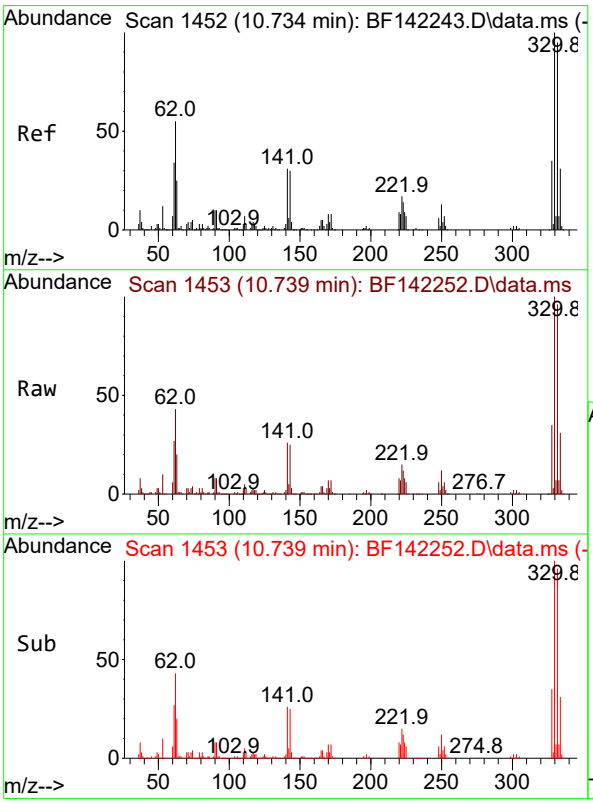
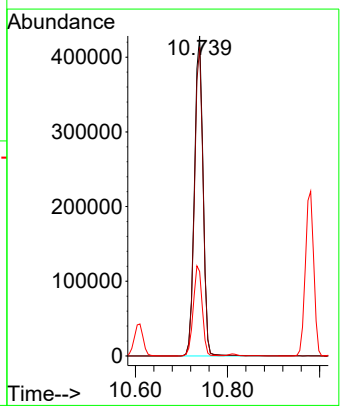
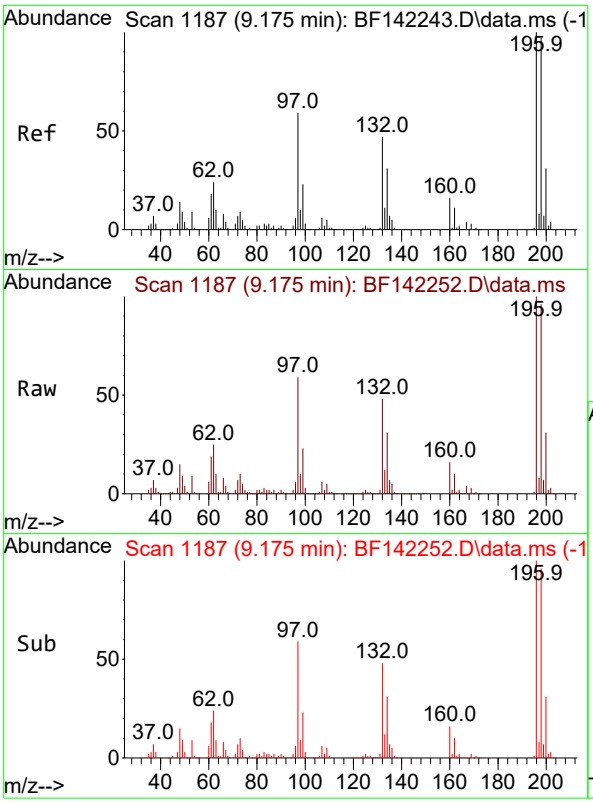


#42
2,4,6-Tribromophenol
Concen: 130.679 ng
RT: 10.739 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:330 Resp: 553053

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.5	114.7
141	29.1	24.3	36.5

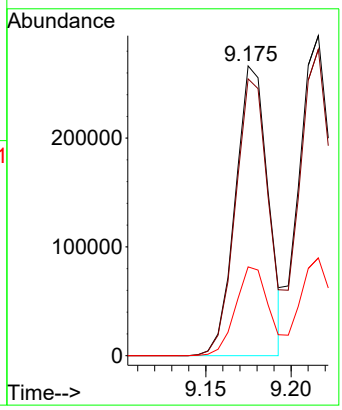




#43
2,4,6-Trichlorophenol
Concen: 43.843 ng
RT: 9.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:196 Resp: 35494

Ion	Ratio	Lower	Upper
196	100		
198	95.6	77.4	116.2
200	30.7	24.6	37.0



Instrument :
BNA_F
ClientSampleId :
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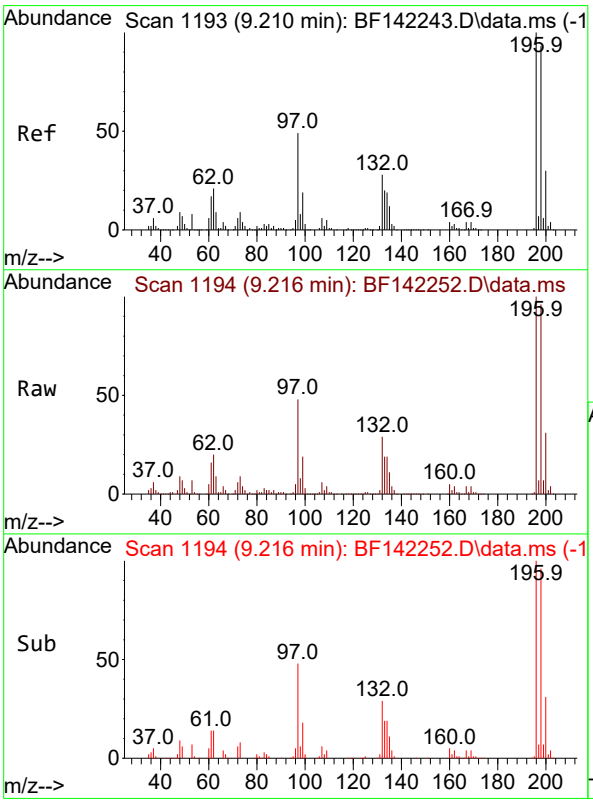
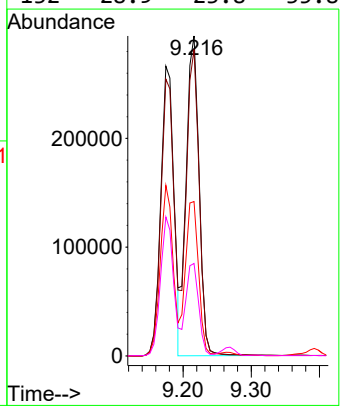
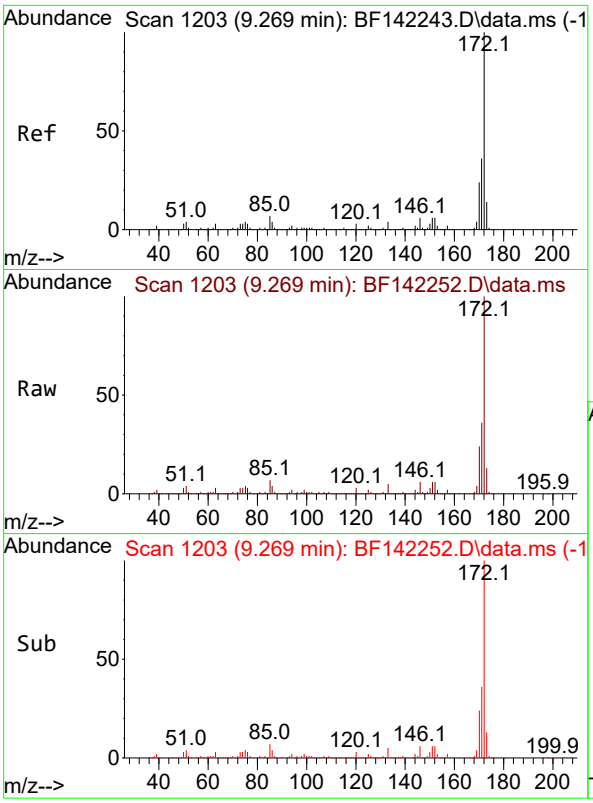


#44
2,4,5-Trichlorophenol
Concen: 45.404 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:196 Resp: 386474

Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.2	112.8
97	48.2	39.8	59.8
132	28.9	23.8	35.8





#45
2-Fluorobiphenyl
Concen: 69.221 ng
RT: 9.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Instrument :
BNA_F
ClientSampleId :
PB167798BS

Tgt Ion:172 Resp: 227911

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.0	19.4	29.0

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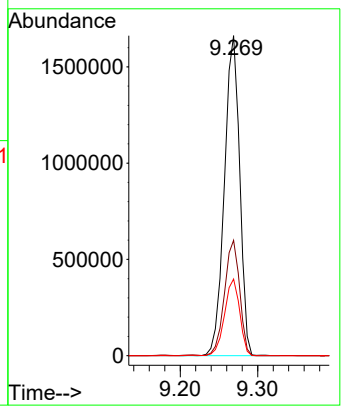
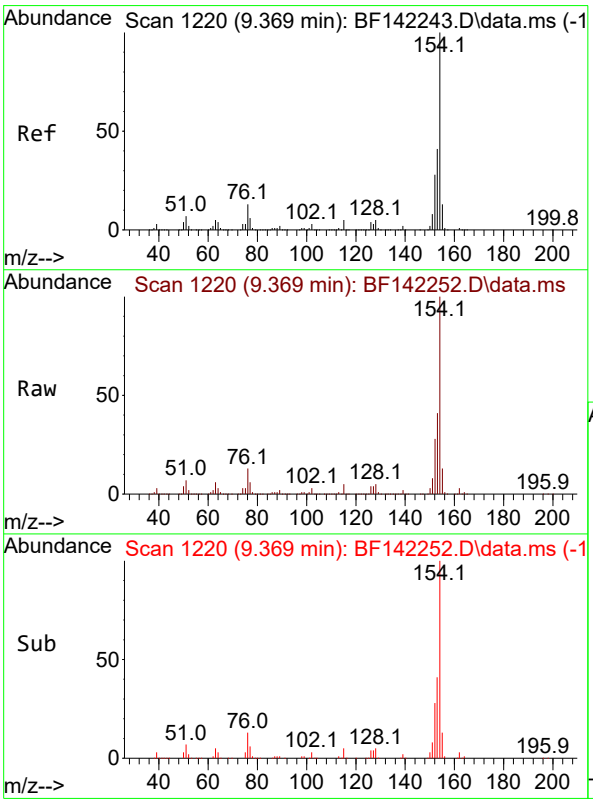
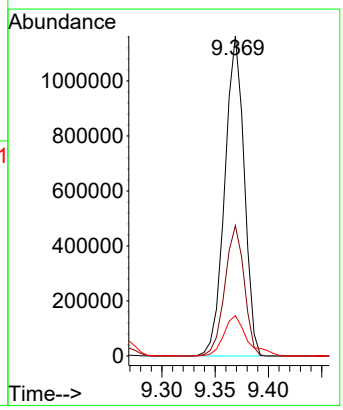


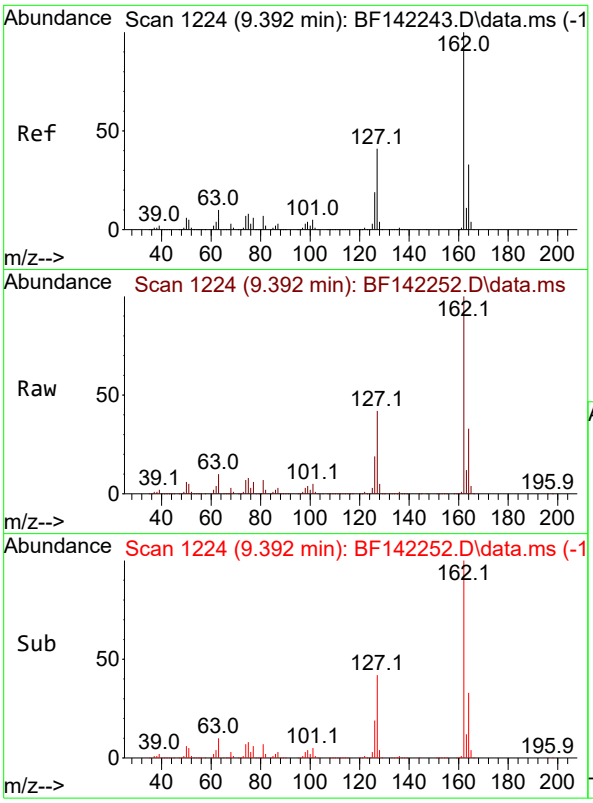


#46
1,1'-Biphenyl
Concen: 40.881 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:154 Resp: 1475397

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.5	60.5
76	12.6	0.0	32.8

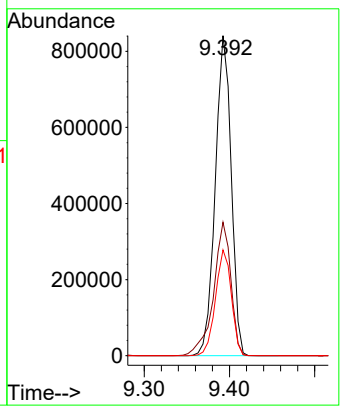




#47
2-Chloronaphthalene
Concen: 40.695 ng
RT: 9.392 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:162 Resp: 109269

Ion	Ratio	Lower	Upper
162	100		
127	41.7	32.6	49.0
164	33.1	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
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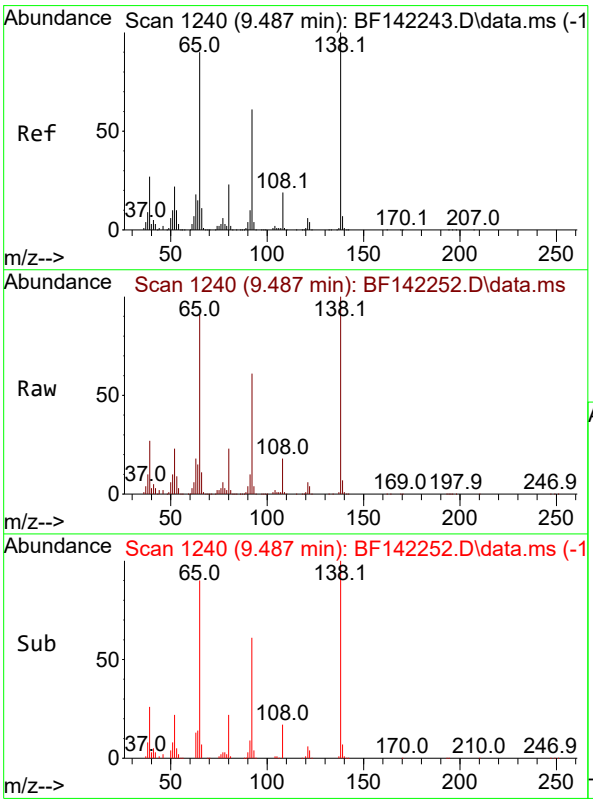
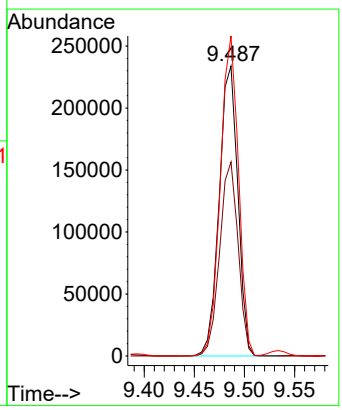
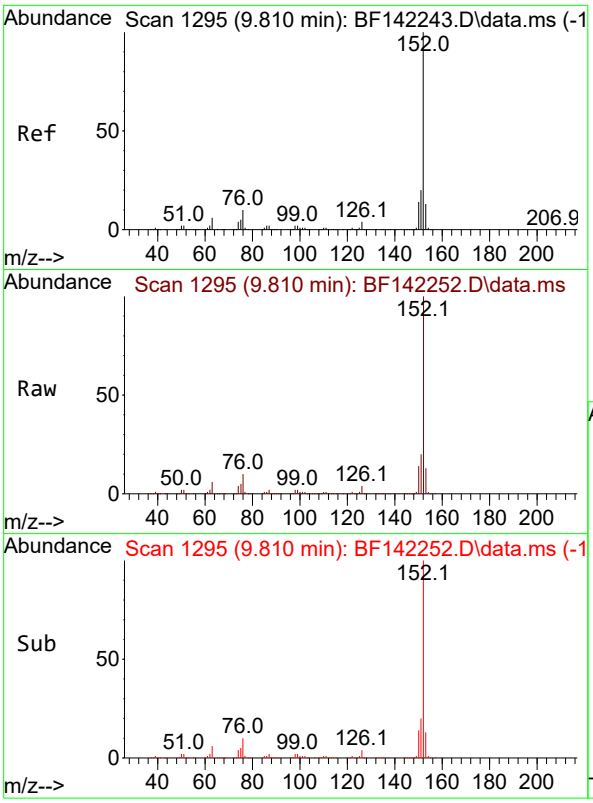


#48
2-Nitroaniline
Concen: 43.124 ng
RT: 9.487 min Scan# 1240
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion: 65 Resp: 301543

Ion	Ratio	Lower	Upper
65	100		
92	66.9	54.3	81.5
138	110.4	88.6	133.0

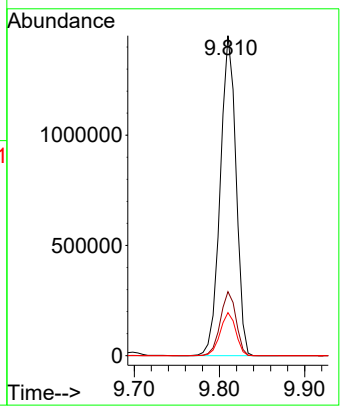




#49
Acenaphthylene
Concen: 41.234 ng
RT: 9.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:152 Resp: 186831

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.4	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
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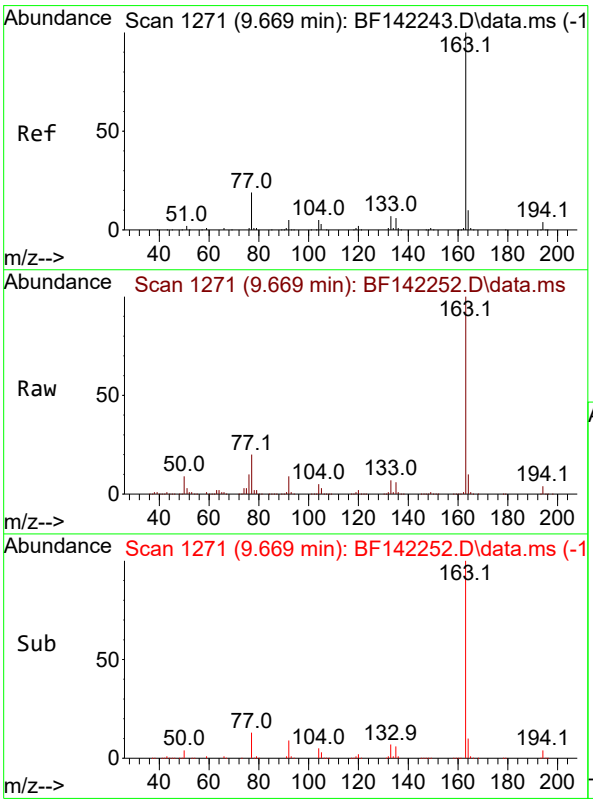
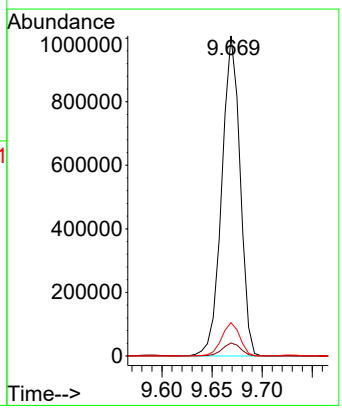
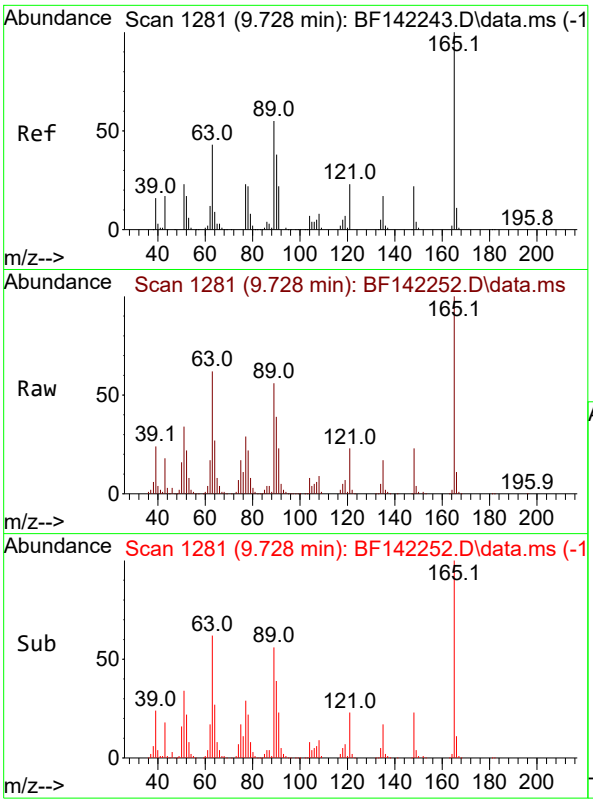


#50
Dimethylphthalate
Concen: 43.038 ng
RT: 9.669 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:163 Resp: 1278203

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.4	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 43.832 ng
RT: 9.728 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:165 Resp: 24751

Ion	Ratio	Lower	Upper
165	100		
63	61.9	48.5	72.7
89	56.0	43.9	65.9

Instrument :
BNA_F
ClientSampleId :
PB167798BS

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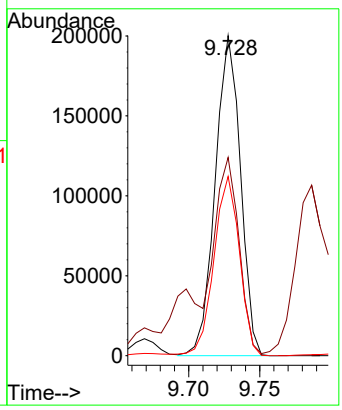
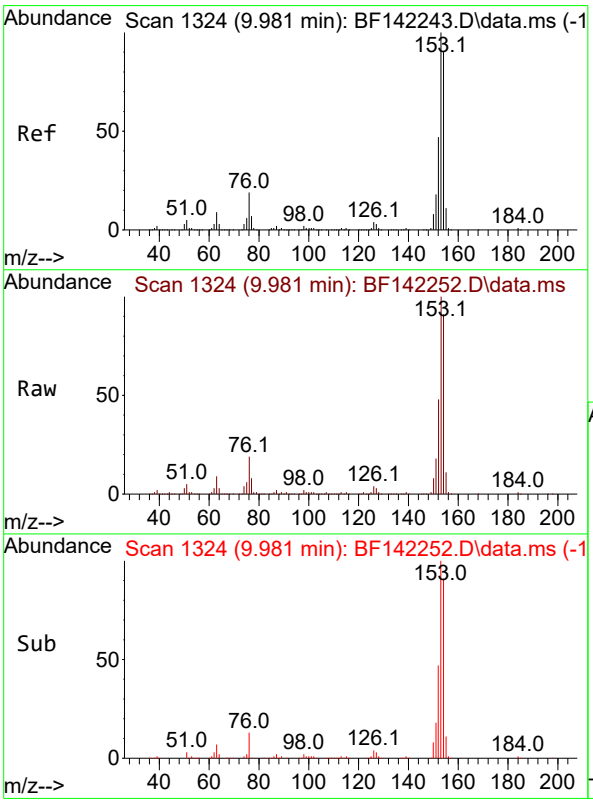
Supervised By :Jagrut Upadhyay 05/02/2025

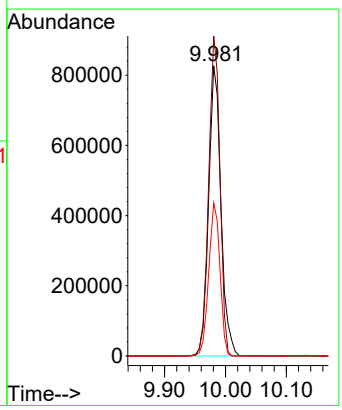


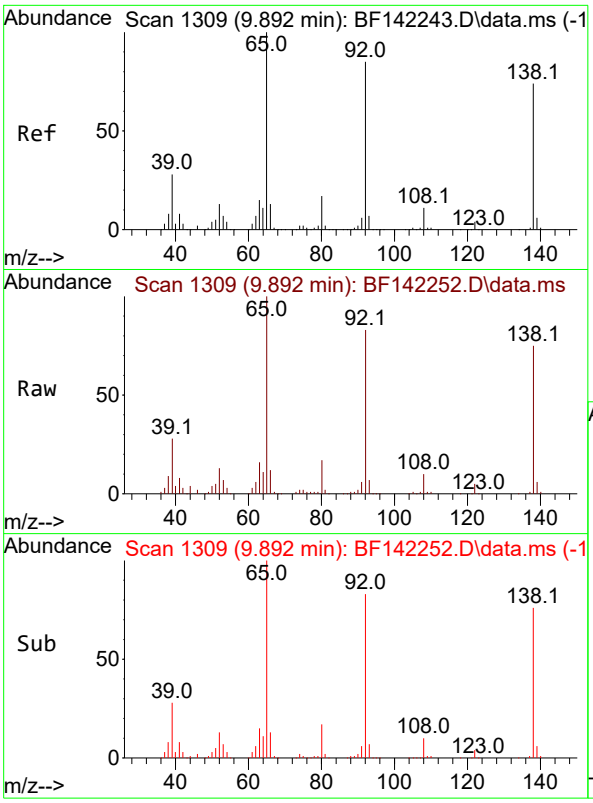


#52
Acenaphthene
Concen: 43.895 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:154 Resp: 1161277

Ion	Ratio	Lower	Upper
154	100		
153	110.3	88.6	133.0
152	52.7	42.1	63.1





#53
3-Nitroaniline
Concen: 19.467 ng
RT: 9.892 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:138 Resp: 12083

Ion	Ratio	Lower	Upper
138	100		
108	13.4	11.7	17.5
92	110.4	91.2	136.8

Instrument :
BNA_F
ClientSampleId :
PB167798BS

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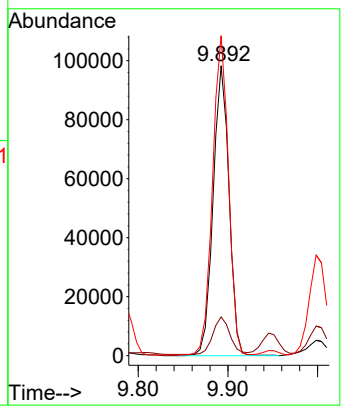
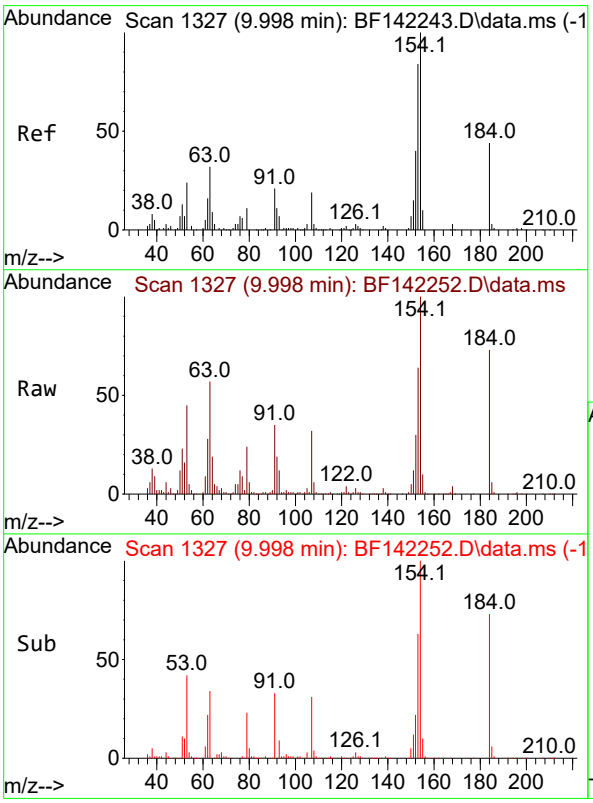
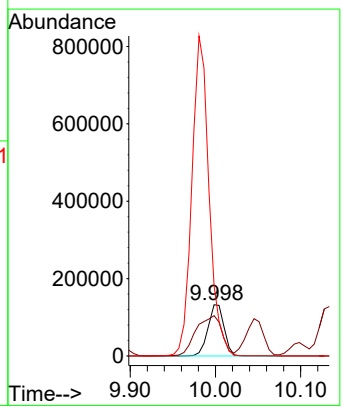


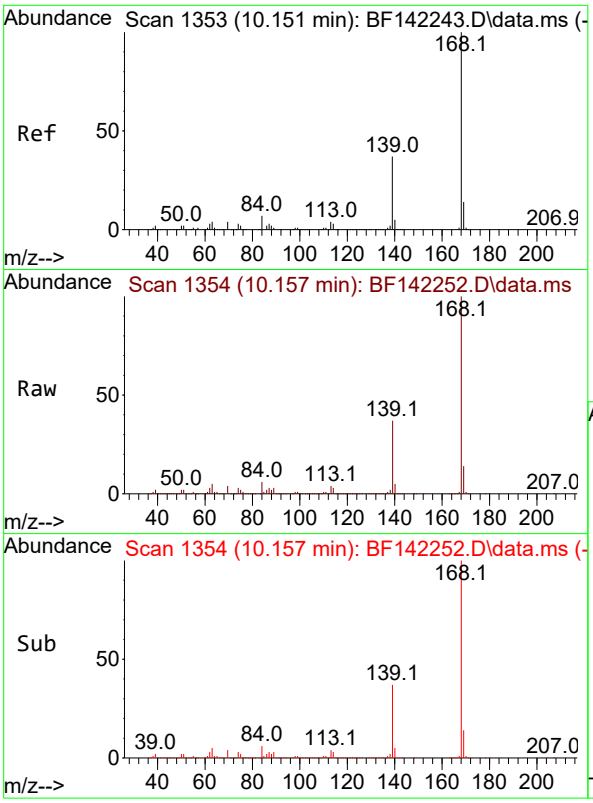


#54
2,4-Dinitrophenol
Concen: 84.535 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:184 Resp: 173600

Ion	Ratio	Lower	Upper
184	100		
63	78.8	69.2	103.8
154	137.3	271.4	407.2#

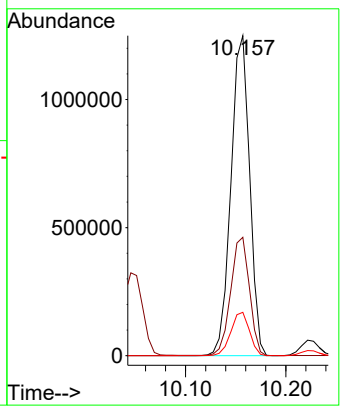




#55
Dibenzofuran
Concen: 40.827 ng
RT: 10.157 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:168 Resp: 161914

Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.4	44.0
169	13.6	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
PB167798BS

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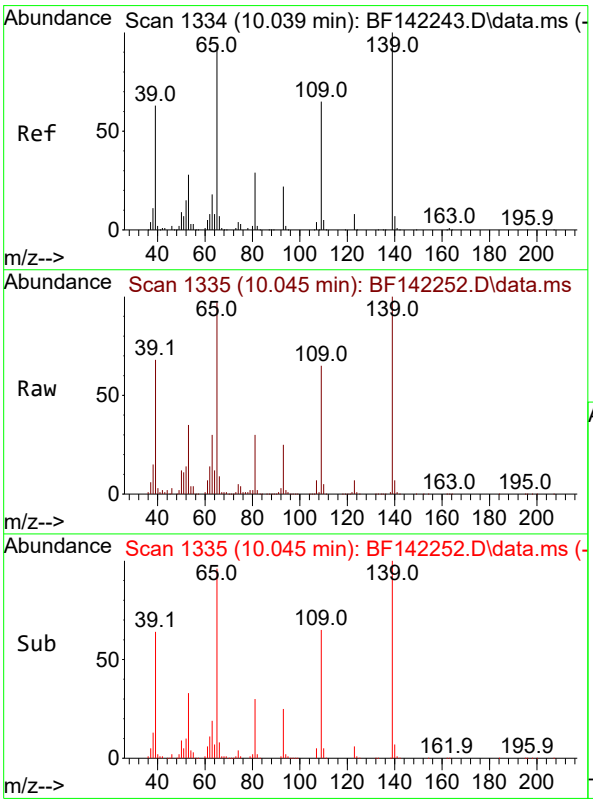
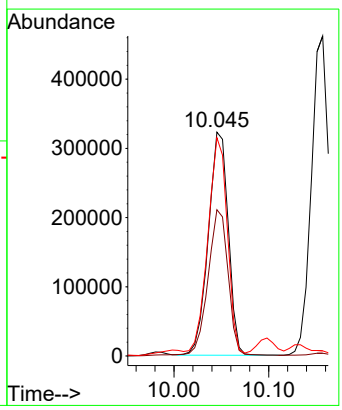
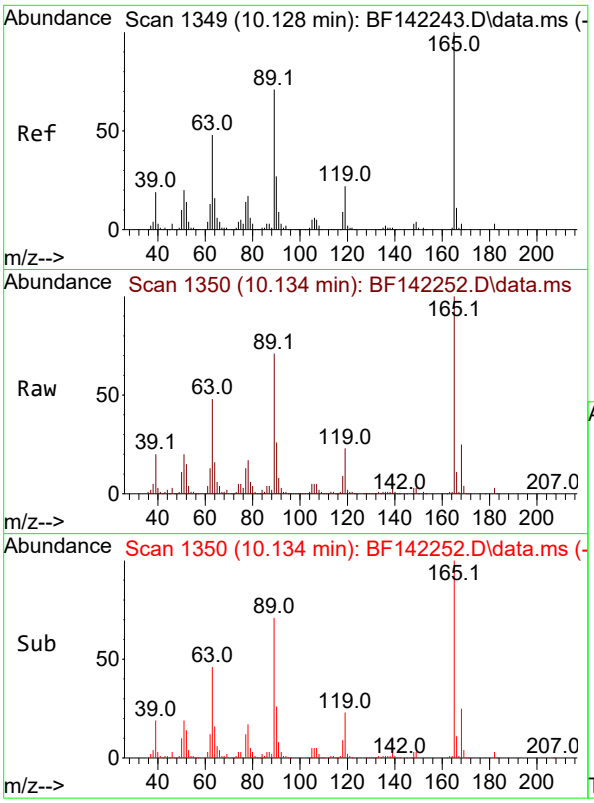


#56
4-Nitrophenol
Concen: 101.045 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:139 Resp: 471700

Ion	Ratio	Lower	Upper
139	100		
109	65.3	44.9	84.9
65	97.5	74.7	114.7

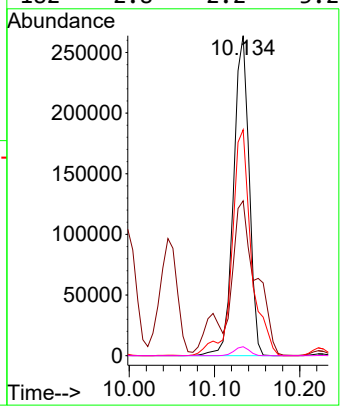




#57
2,4-Dinitrotoluene
Concen: 48.433 ng
RT: 10.134 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:165 Resp: 33433

Ion	Ratio	Lower	Upper
165	100		
63	48.4	38.8	58.2
89	70.6	57.1	85.7
182	2.8	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
PB167798BS

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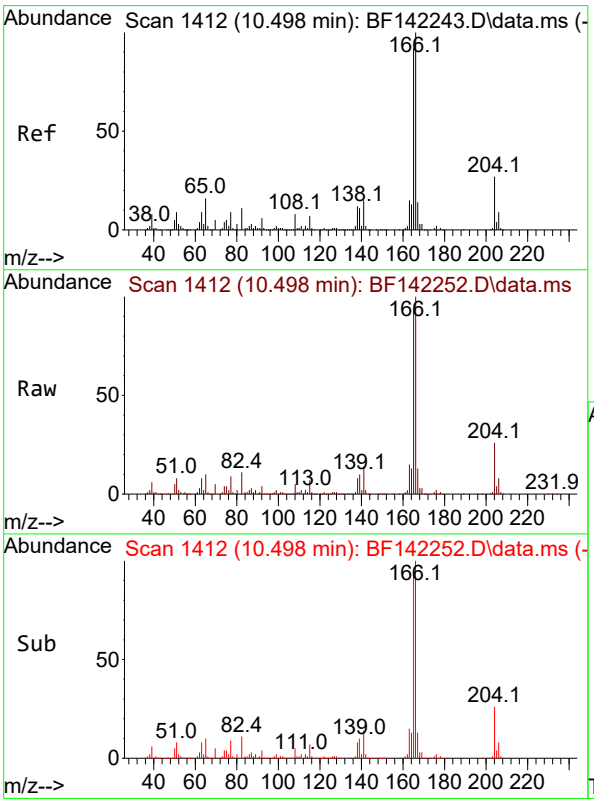
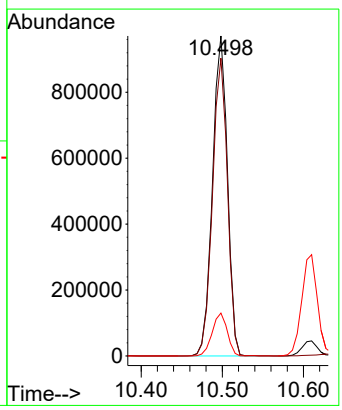
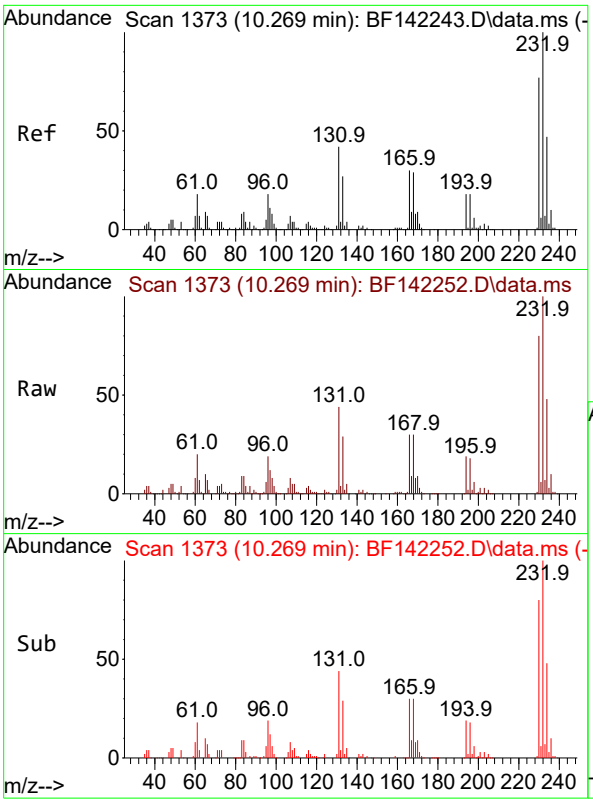


#58
Fluorene
Concen: 41.143 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:166 Resp: 1240639

Ion	Ratio	Lower	Upper
166	100		
165	93.0	73.9	110.9
167	13.4	10.8	16.2

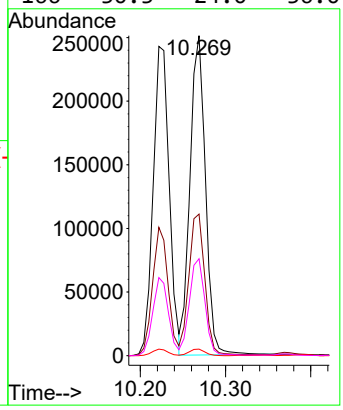




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.934 ng
RT: 10.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:232 Resp: 31682

Ion	Ratio	Lower	Upper
232	100		
131	45.9	35.9	53.9
130	2.1	1.8	2.6
166	30.3	24.0	36.0



Instrument :
BNA_F
ClientSampleId :
PB167798BS

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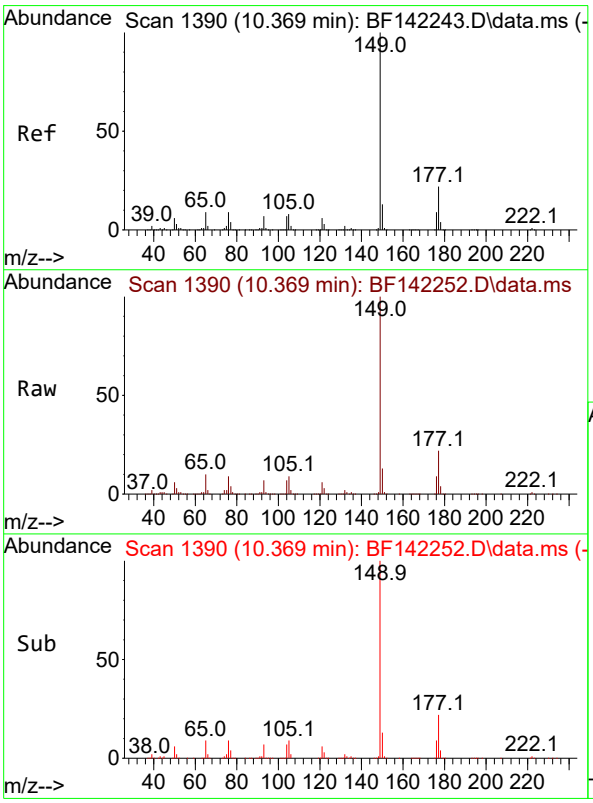
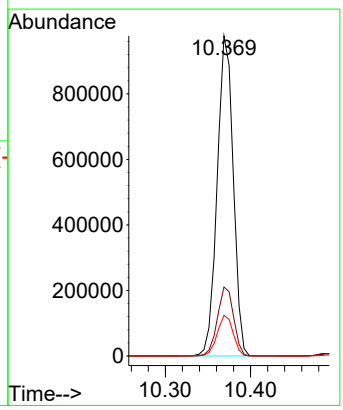
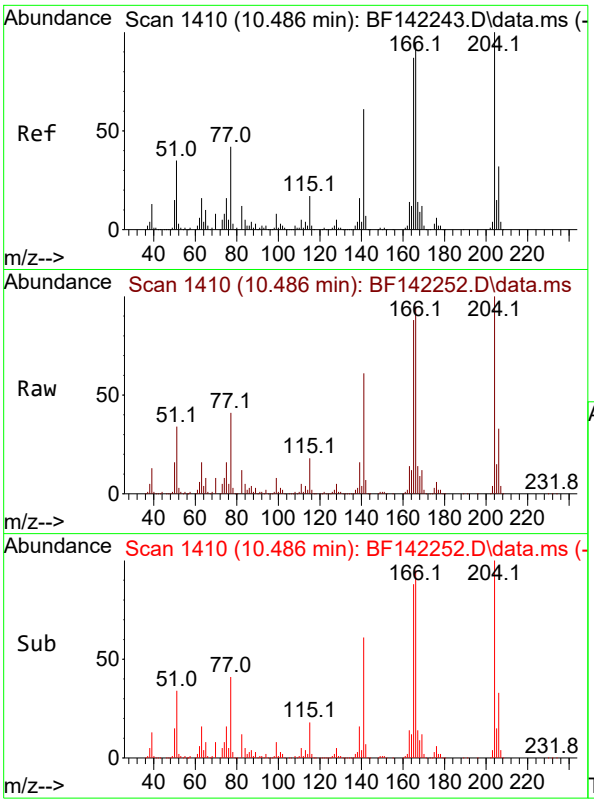


#60
Diethylphthalate
Concen: 43.657 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:149 Resp: 1280368

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.6	26.4
150	12.7	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.745 ng
RT: 10.486 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Instrument :
BNA_F
ClientSampleId :
PB167798BS

Tgt Ion:204 Resp: 58348

Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.6	38.4
141	61.4	48.9	73.3

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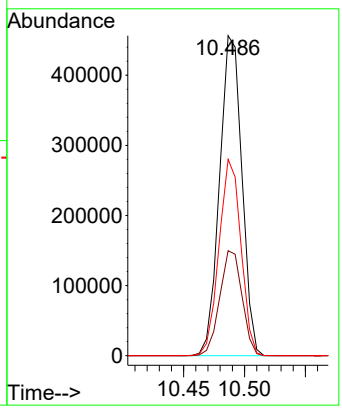
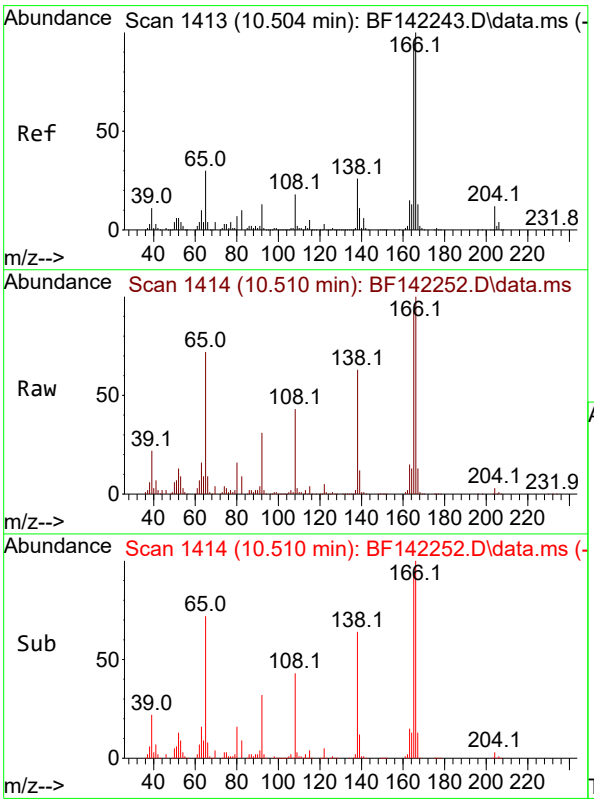
Supervised By :Jagrut Upadhyay 05/02/2025

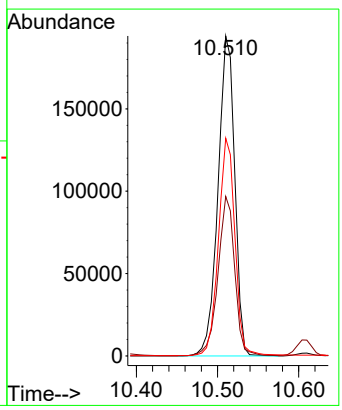


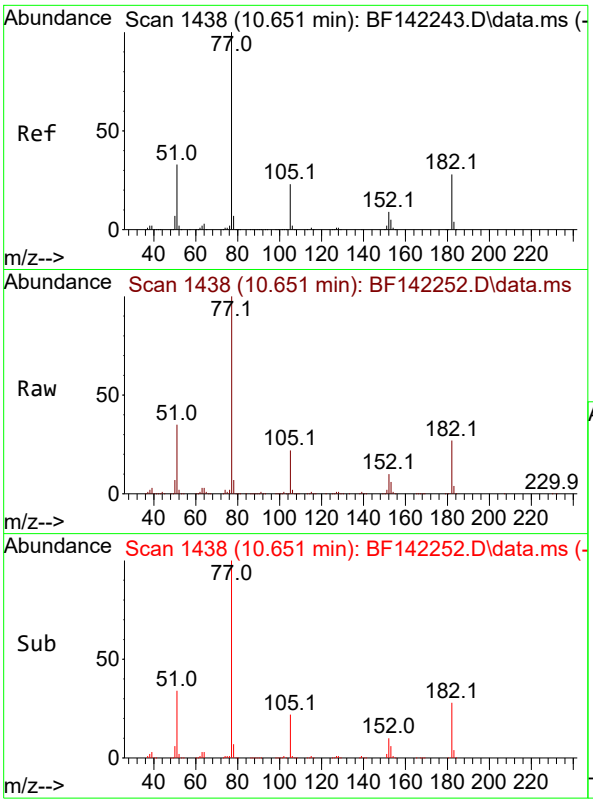


#62
4-Nitroaniline
Concen: 44.489 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:138 Resp: 278877

Ion	Ratio	Lower	Upper
138	100		
92	49.8	29.2	69.2
108	68.0	49.1	89.1





#63
Azobenzene
Concen: 42.308 ng
RT: 10.651 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Instrument :
BNA_F
ClientSampleId :
PB167798BS

Tgt Ion: 77 Resp: 122528

Ion	Ratio	Lower	Upper
77	100		
182	27.4	7.3	47.3
105	22.4	2.5	42.5
51	34.6	14.4	54.4

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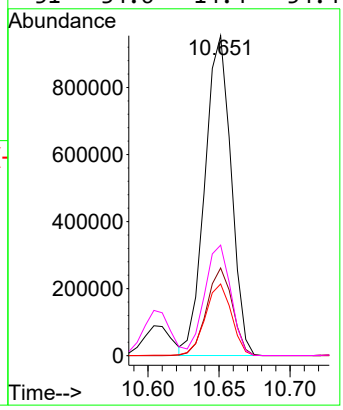
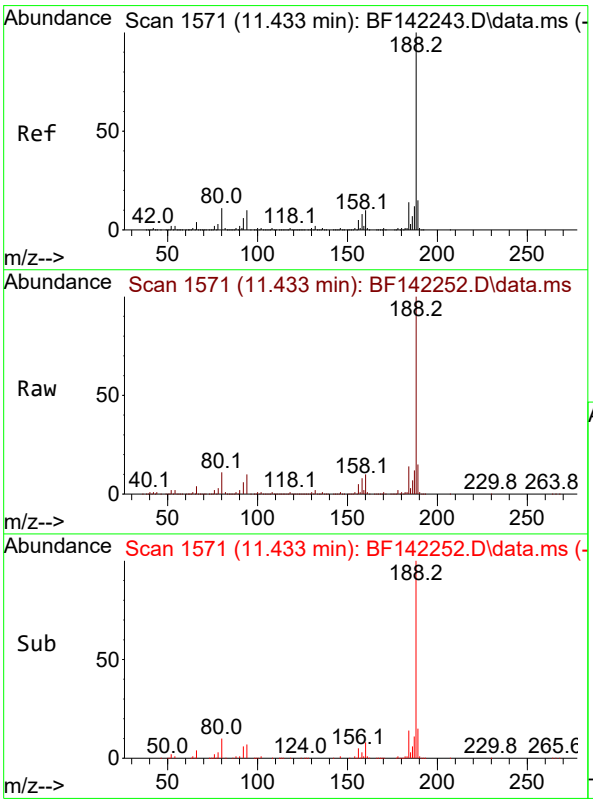
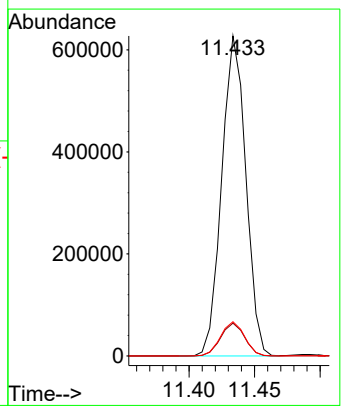


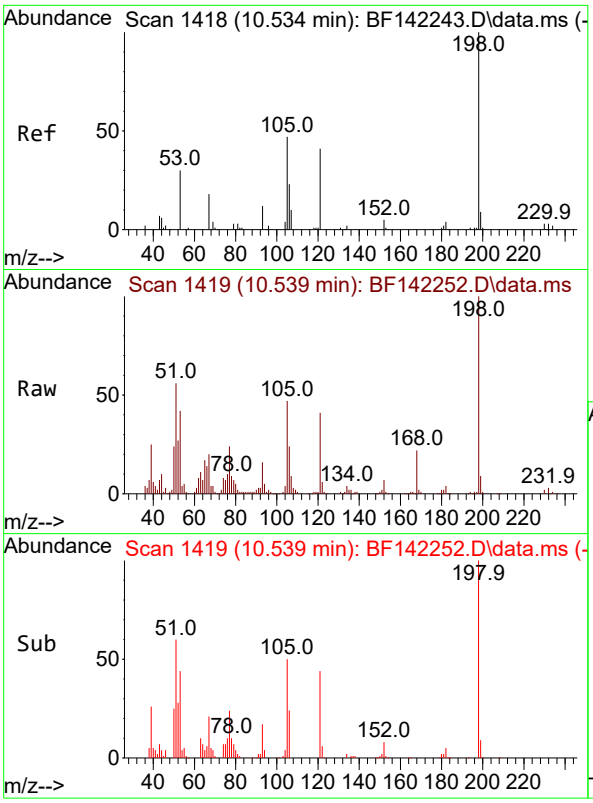


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:188 Resp: 800889

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.2
80	10.7	8.6	12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 44.424 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.005 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:198 Resp: 11452

Ion	Ratio	Lower	Upper
198	100		
51	55.8	40.6	80.6
105	46.7	29.2	69.2

Instrument :
BNA_F
ClientSampleId :
PB167798BS

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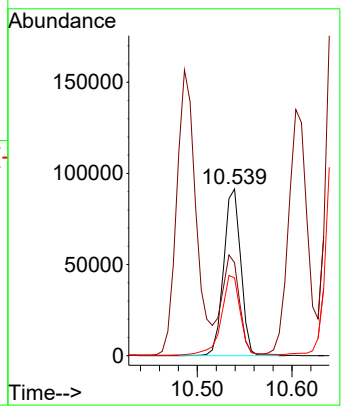
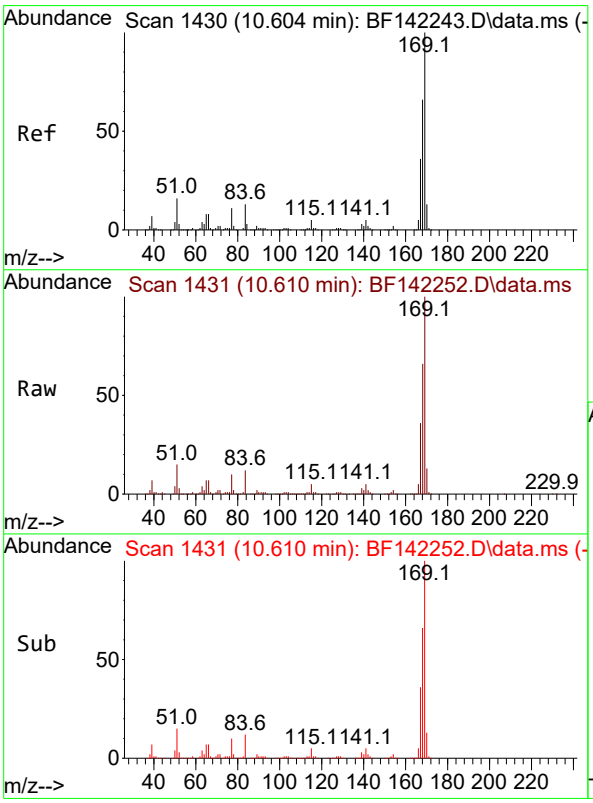
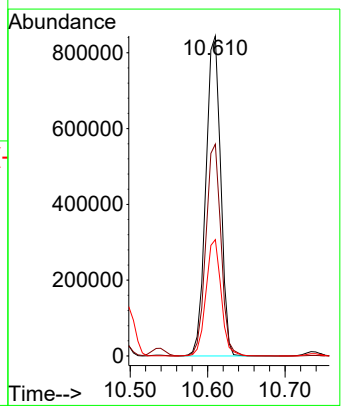


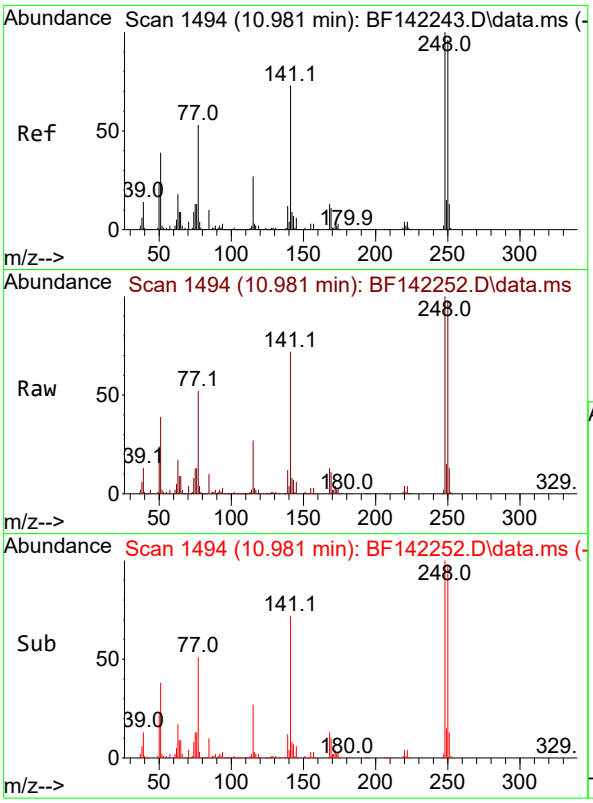


#66
n-Nitrosodiphenylamine
Concen: 40.934 ng
RT: 10.610 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:169 Resp: 1120137

Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.0	79.6
167	36.4	28.8	43.2





#67
4-Bromophenyl-phenylether
Concen: 41.981 ng
RT: 10.981 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:248 Resp: 37444

Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.2	115.8
141	71.6	58.4	87.6

Instrument :
BNA_F
ClientSampleId :
PB167798BS

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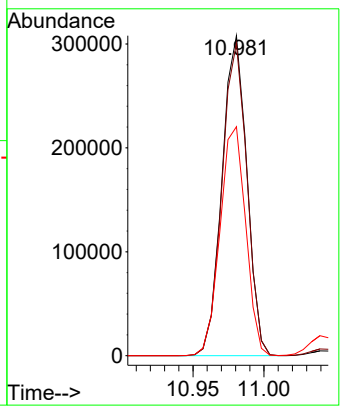
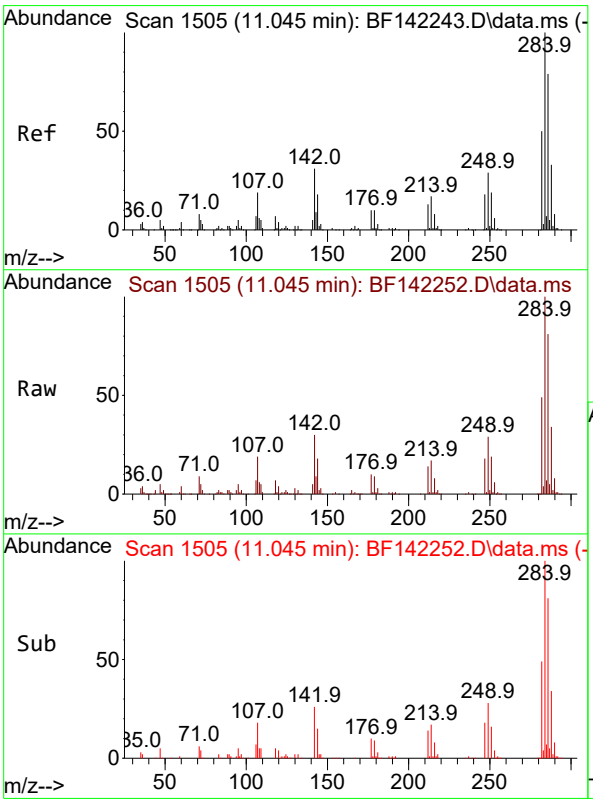
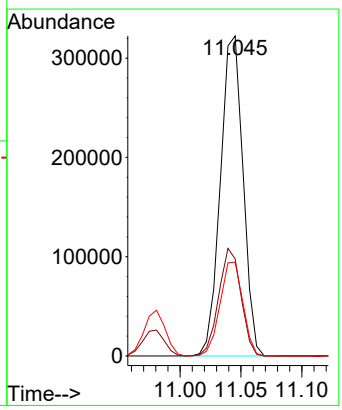


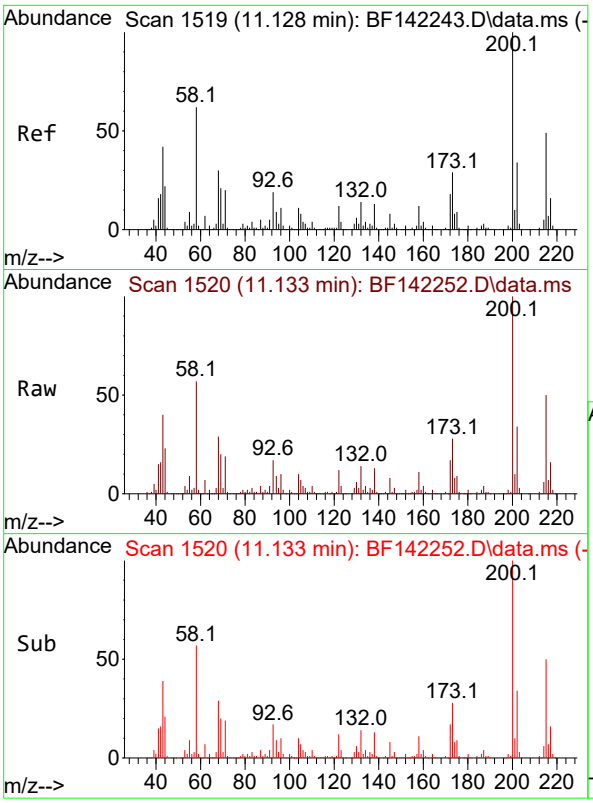


#68
Hexachlorobenzene
Concen: 41.744 ng
RT: 11.045 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:284 Resp: 416999

Ion	Ratio	Lower	Upper
284	100		
142	30.3	24.6	37.0
249	29.3	23.2	34.8

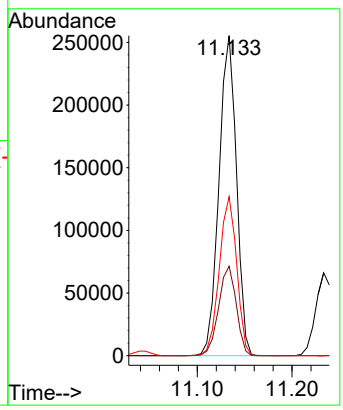




#69
Atrazine
Concen: 45.449 ng
RT: 11.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:200 Resp: 32782

Ion	Ratio	Lower	Upper
200	100		
173	28.0	8.6	48.6
215	49.7	28.5	68.5



Instrument :
BNA_F
ClientSampleId :
PB167798BS

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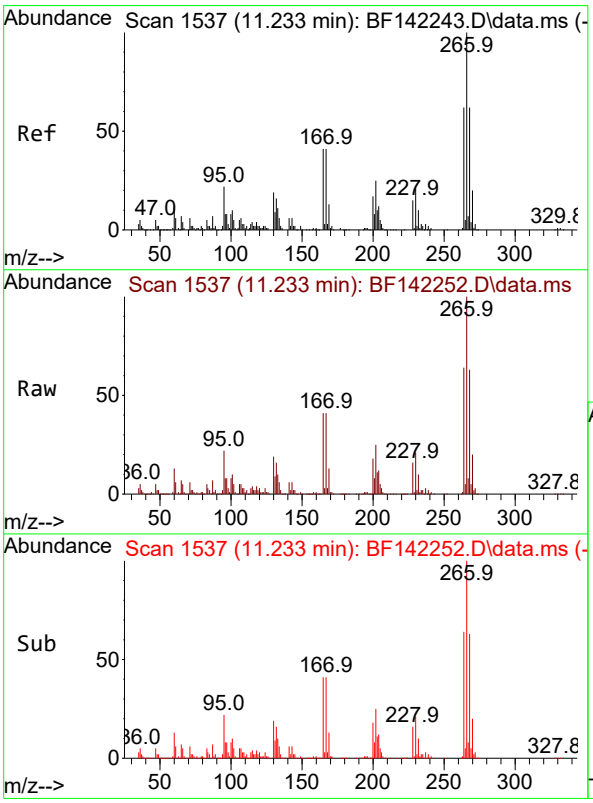
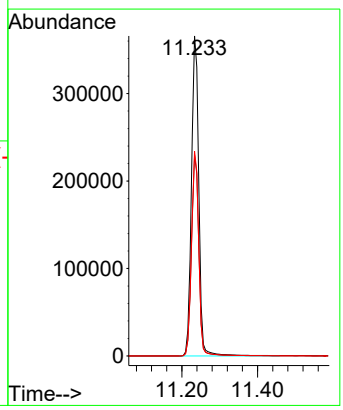
Supervised By :Jagrut Upadhyay 05/02/2025

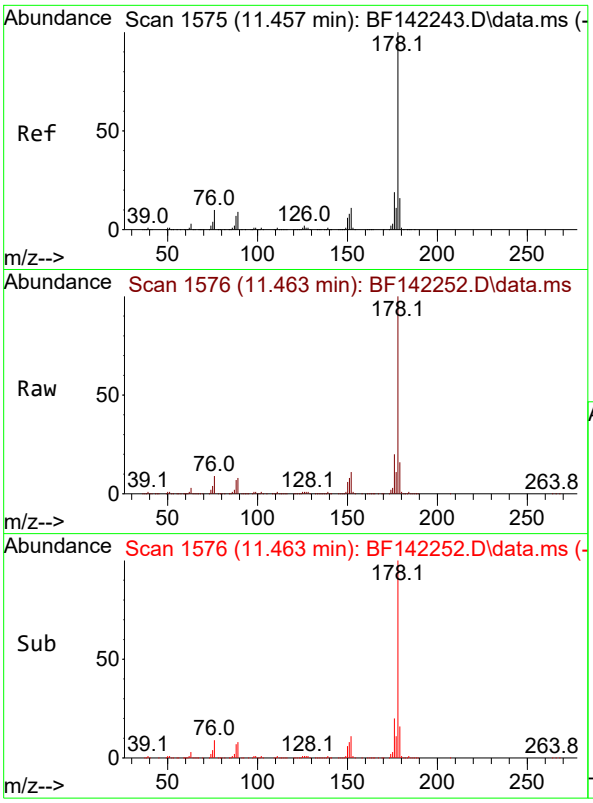


#70
Pentachlorophenol
Concen: 93.152 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:266 Resp: 491588

Ion	Ratio	Lower	Upper
266	100		
268	62.7	50.0	75.0
264	64.0	49.3	73.9

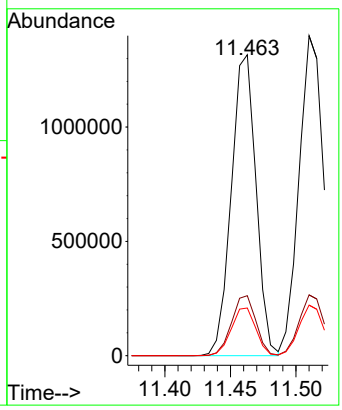




#71
Phenanthrene
Concen: 39.983 ng
RT: 11.463 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:178 Resp: 172968

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	15.8	12.6	19.0



Instrument :
BNA_F
ClientSampleId :
PB167798BS

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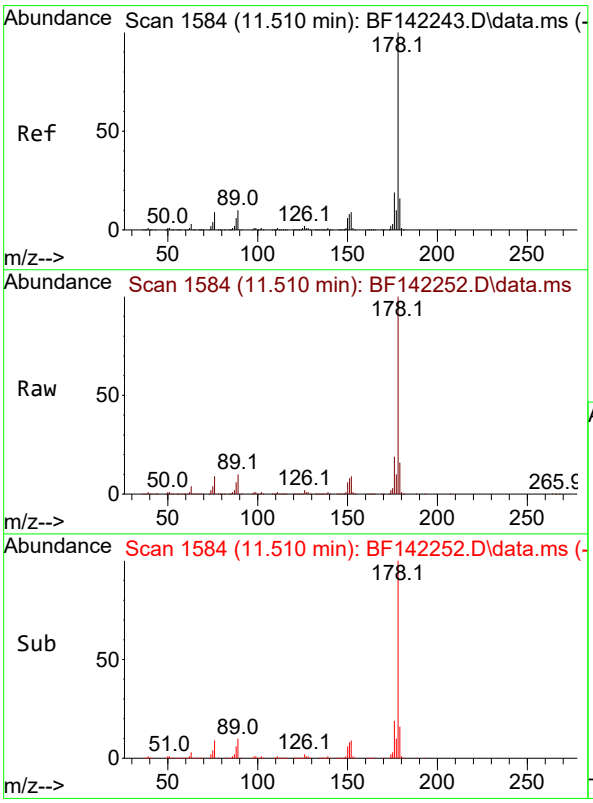
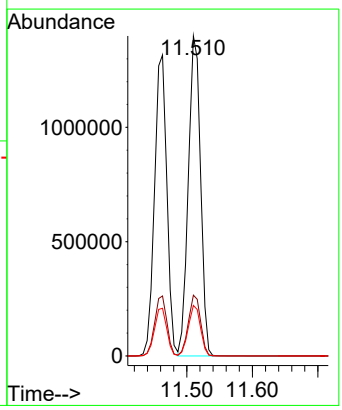
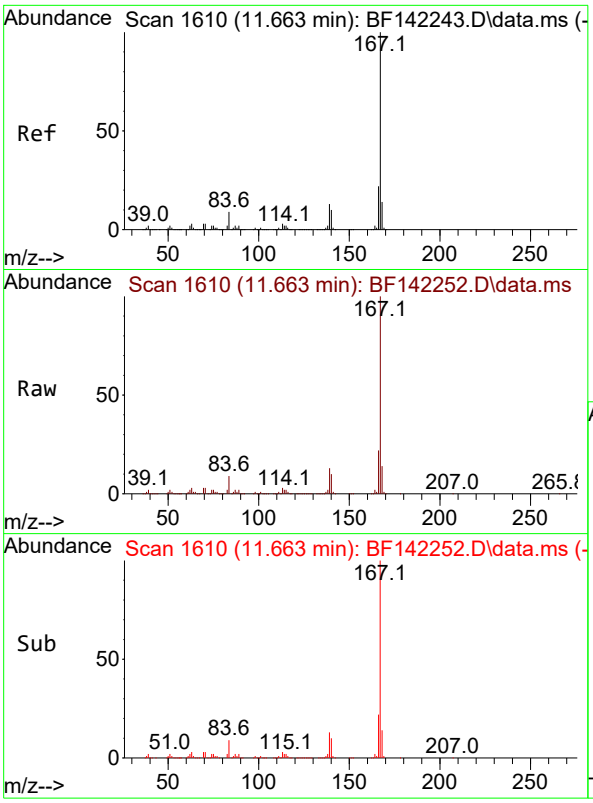


#72
Anthracene
Concen: 40.920 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:178 Resp: 1809920

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.8	12.7	19.1

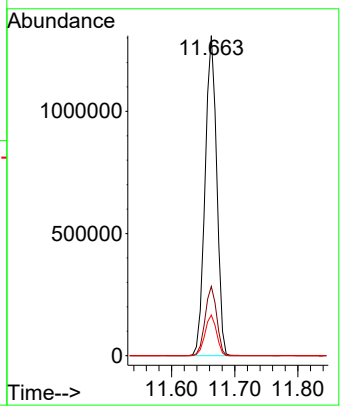




#73
Carbazole
Concen: 41.482 ng
RT: 11.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:167 Resp: 167373

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.3	25.9
139	12.7	10.3	15.5



Instrument :
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ClientSampleId :
PB167798BS

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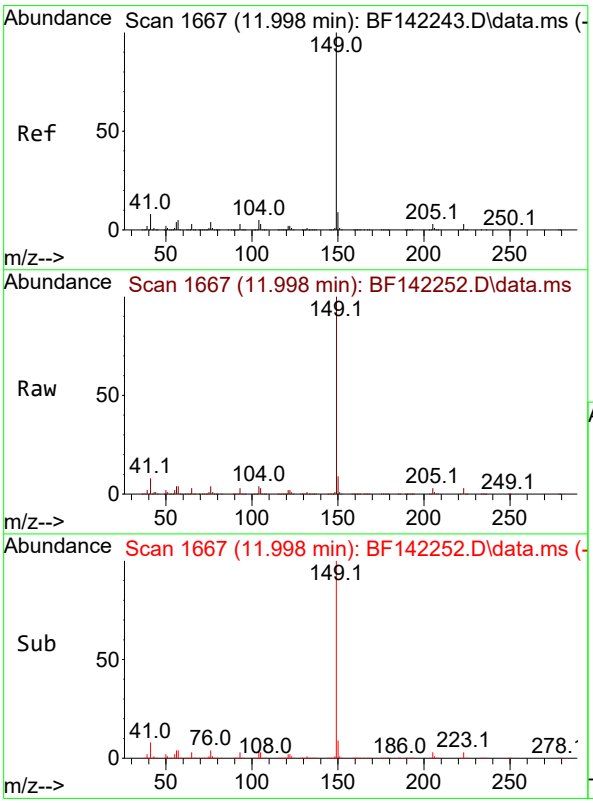
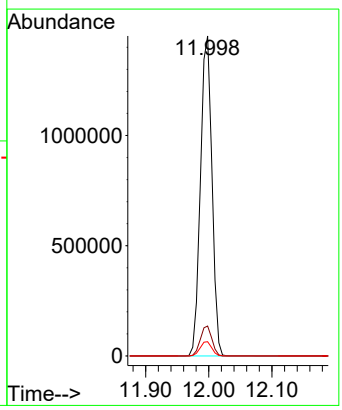
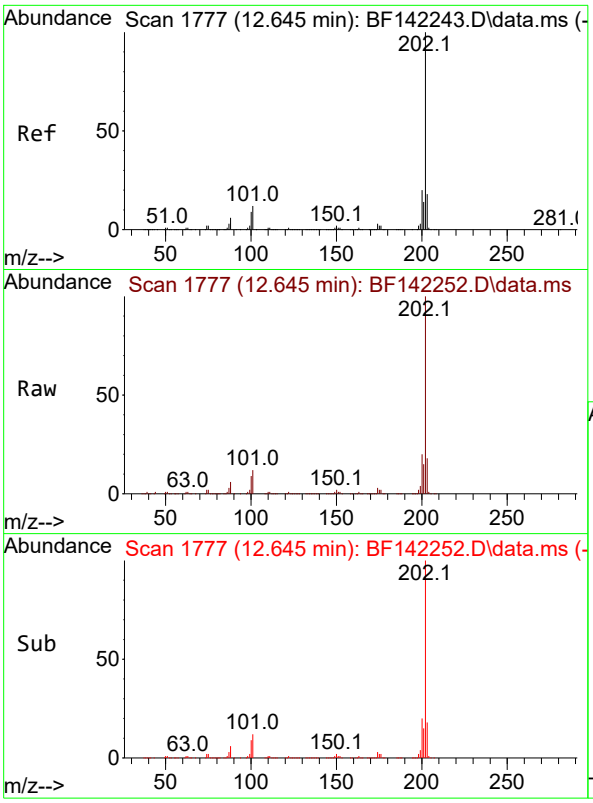


#74
Di-n-butylphthalate
Concen: 45.166 ng
RT: 11.998 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:149 Resp: 1832830

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.5	3.6	5.4

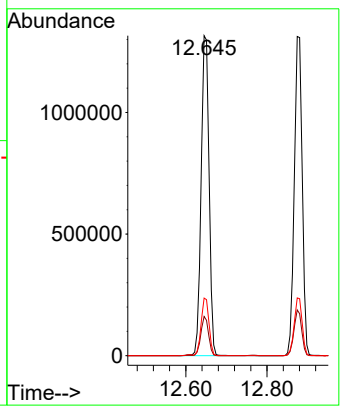




#75
Fluoranthene
Concen: 41.876 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:202 Resp: 179081

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	32.4
203	18.0	0.0	37.5



Instrument :
BNA_F
ClientSampleId :
PB167798BS

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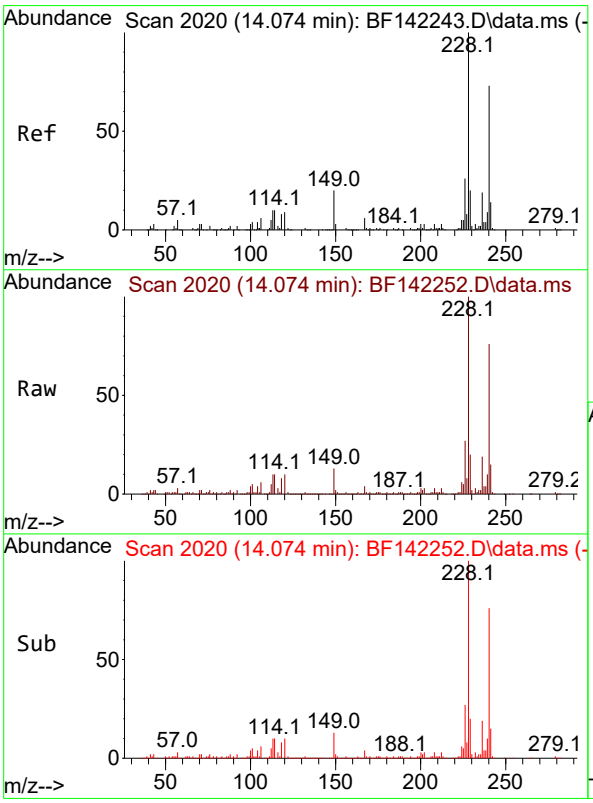
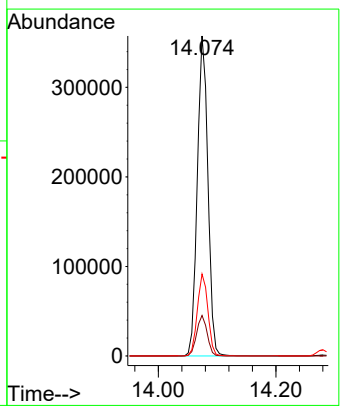
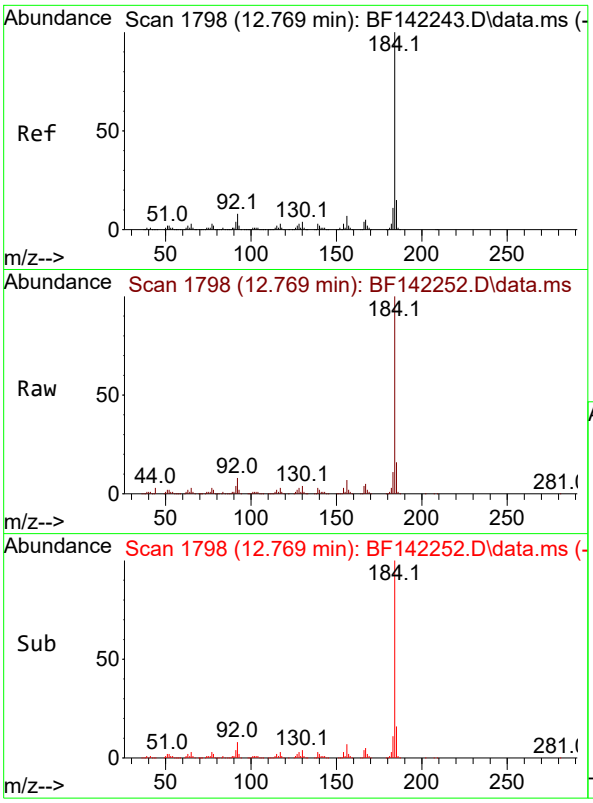


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:240 Resp: 447227

Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.1	15.1
236	25.6	20.5	30.7

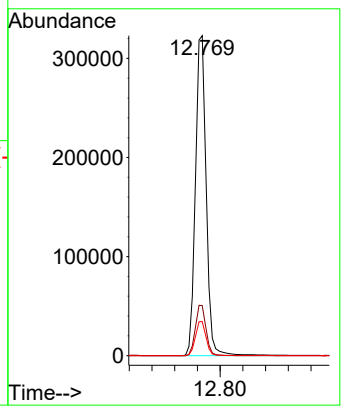




#77
Benzidine
Concen: 22.492 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:184 Resp: 42742

Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.8	17.6
183	10.7	8.9	13.3



Instrument :
BNA_F
ClientSampleId :
PB167798BS

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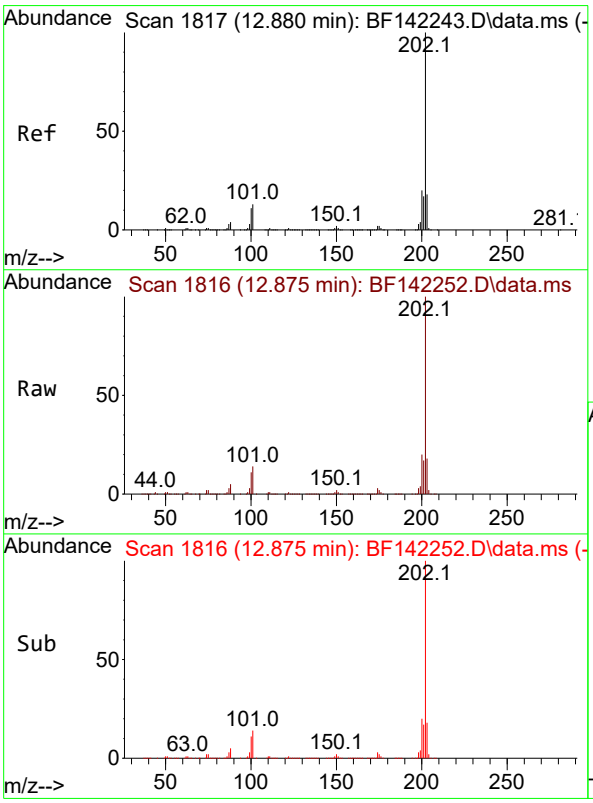
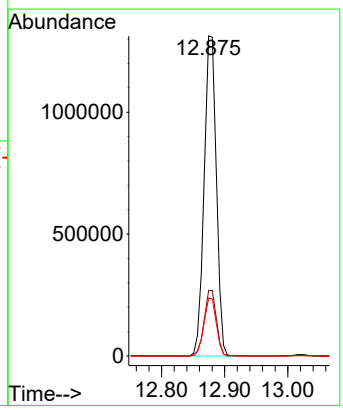
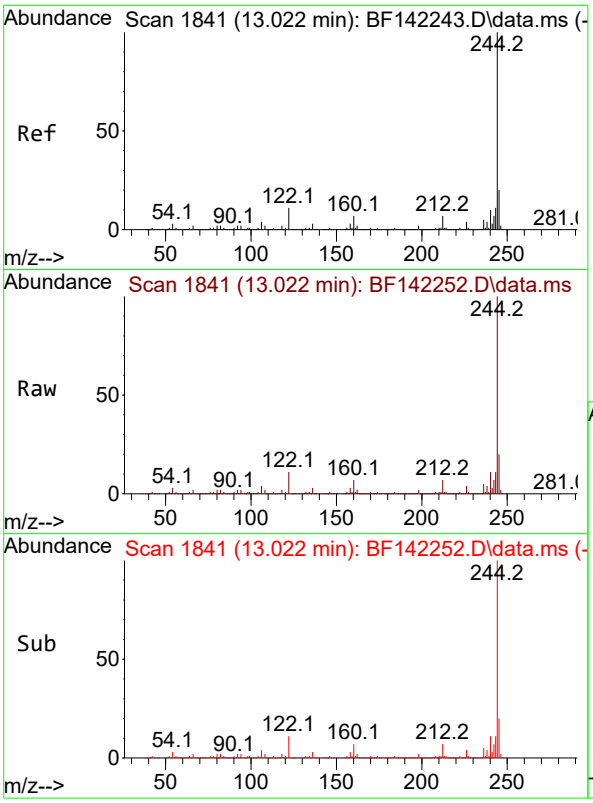


#78
Pyrene
Concen: 42.897 ng
RT: 12.875 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:202 Resp: 1769704

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.1	24.1
203	18.1	14.1	21.1

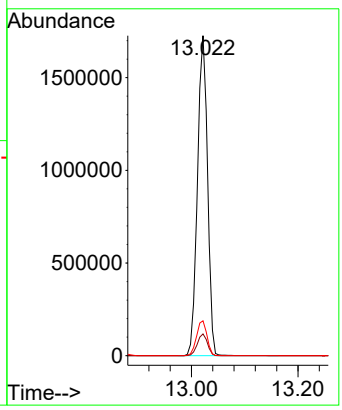




#79
Terphenyl-d14
Concen: 73.507 ng
RT: 13.022 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:244 Resp: 226033

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.3	7.9
122	10.9	9.1	13.7



Instrument :
BNA_F
ClientSampleId :
PB167798BS

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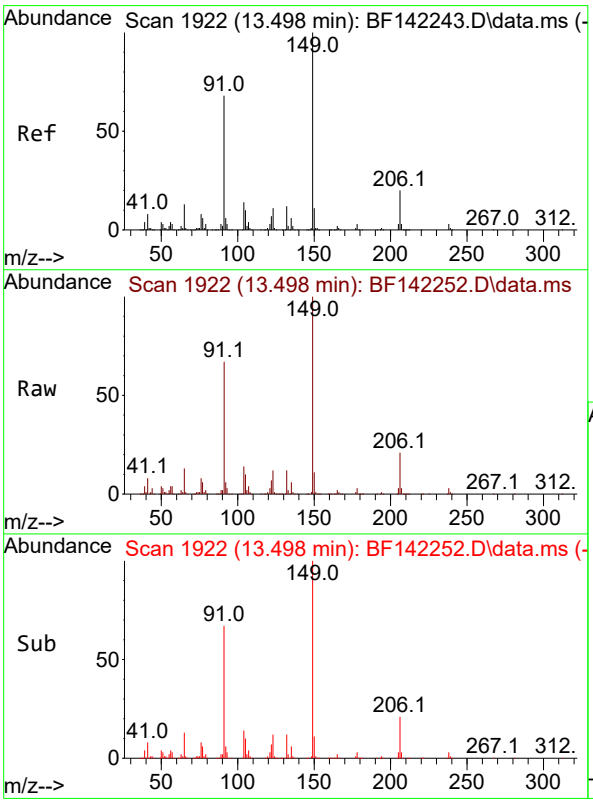
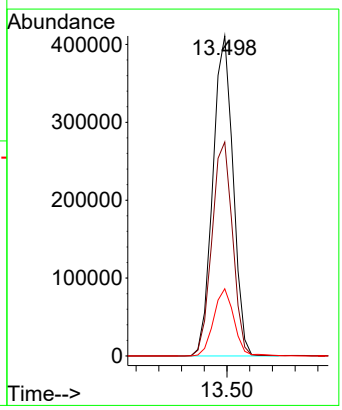
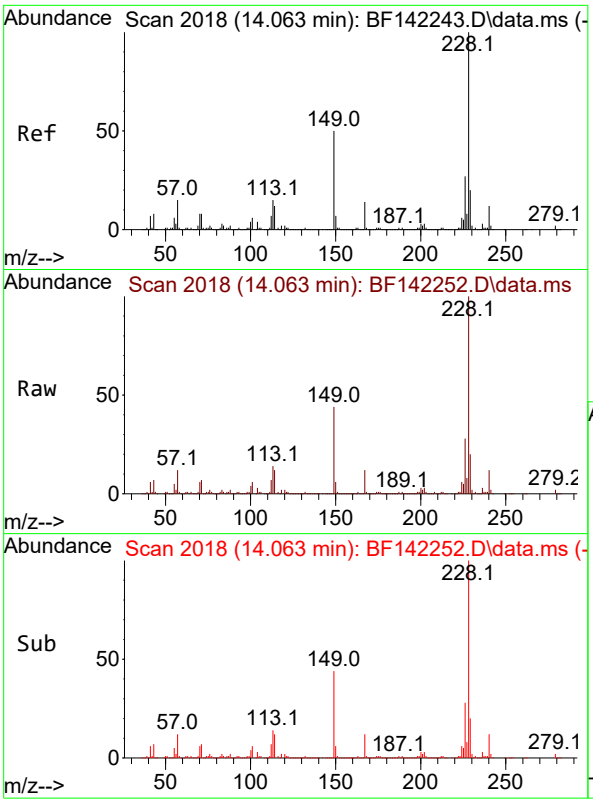


#80
Butylbenzylphthalate
Concen: 45.305 ng
RT: 13.498 min Scan# 1922
Delta R.T. 0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:149 Resp: 508489

Ion	Ratio	Lower	Upper
149	100		
91	66.9	54.4	81.6
206	21.0	15.9	23.9

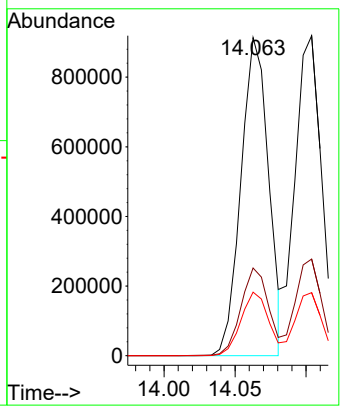




#81
Benzo(a)anthracene
Concen: 41.178 ng
RT: 14.063 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:228 Resp: 123629

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.9	32.9
229	20.0	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
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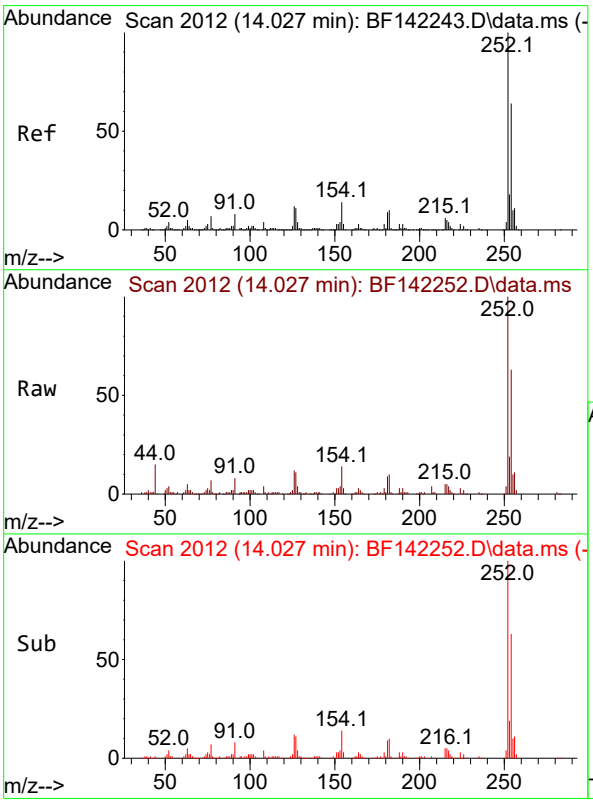
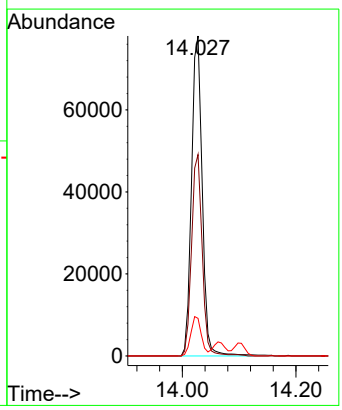
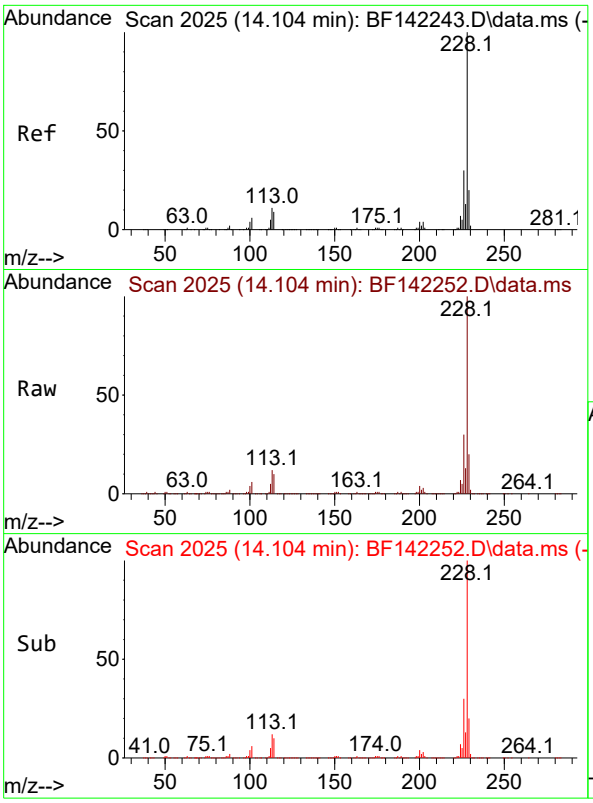


#82
3,3'-Dichlorobenzidine
Concen: 11.657 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:252 Resp: 102802

Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.0	76.6
126	11.7	9.4	14.2

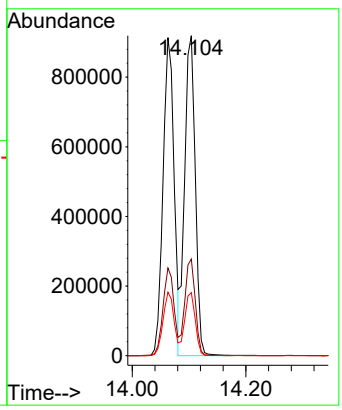




#83
Chrysene
Concen: 43.597 ng
RT: 14.104 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:228 Resp: 119146

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	19.7	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
PB167798BS

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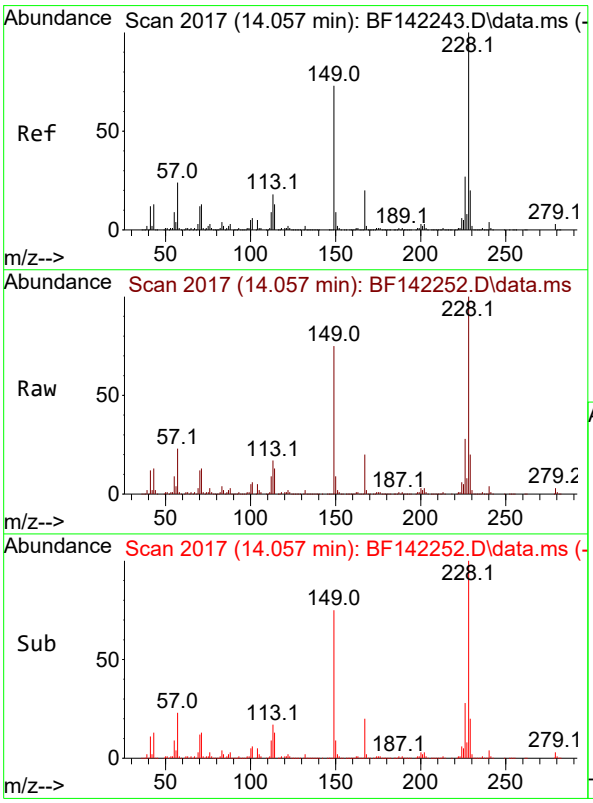
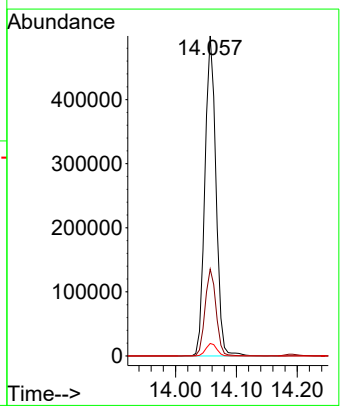
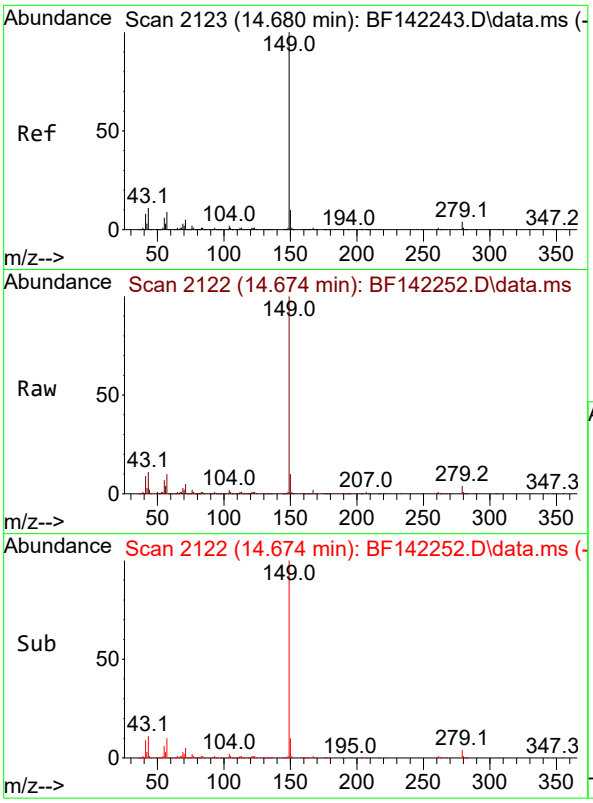


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.842 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:149 Resp: 629446

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.7	32.5
279	3.9	3.0	4.4

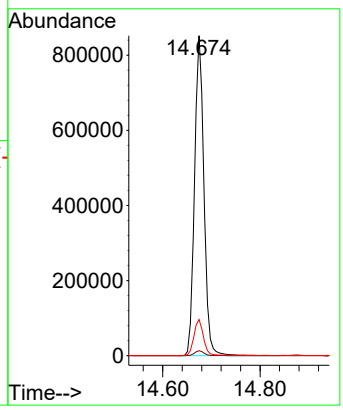




#85
Di-n-octyl phthalate
Concen: 41.045 ng
RT: 14.674 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:149 Resp: 114673

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.4	9.3	13.9



Instrument :
BNA_F
ClientSampleId :
PB167798BS

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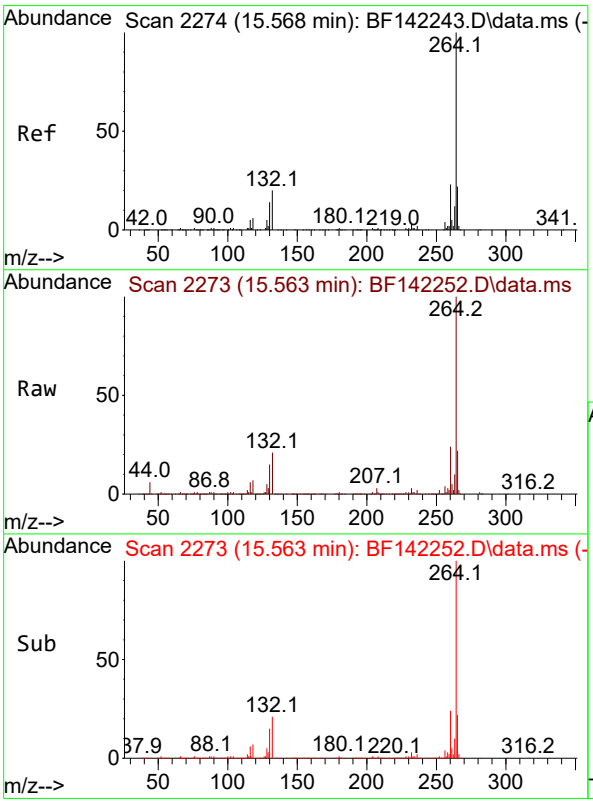
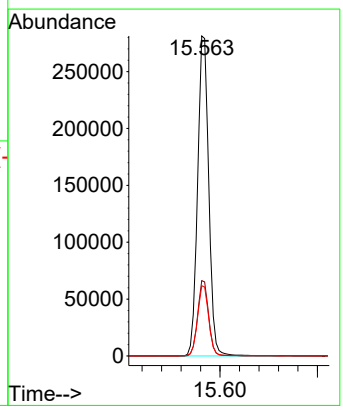
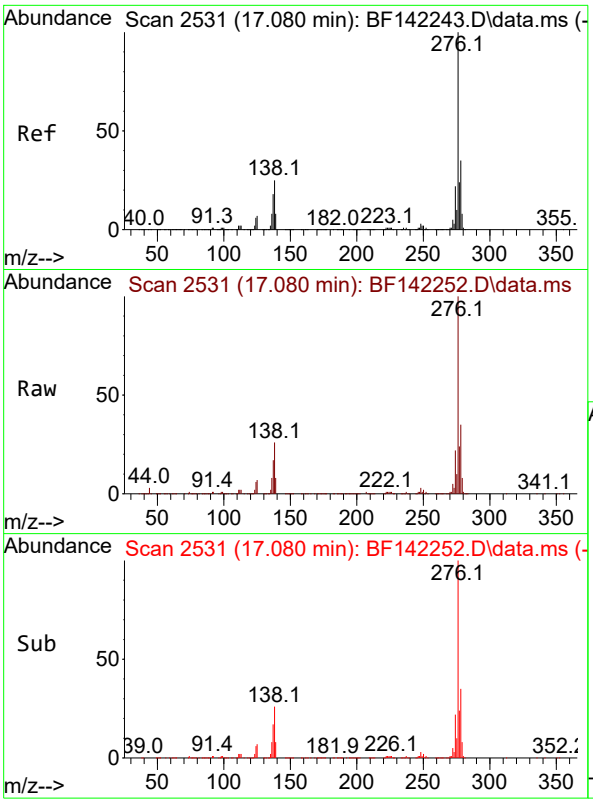


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:264 Resp: 448663

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	21.9	17.3	25.9

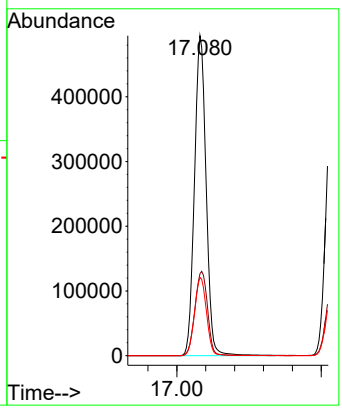




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.153 ng
RT: 17.080 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:276 Resp: 138529

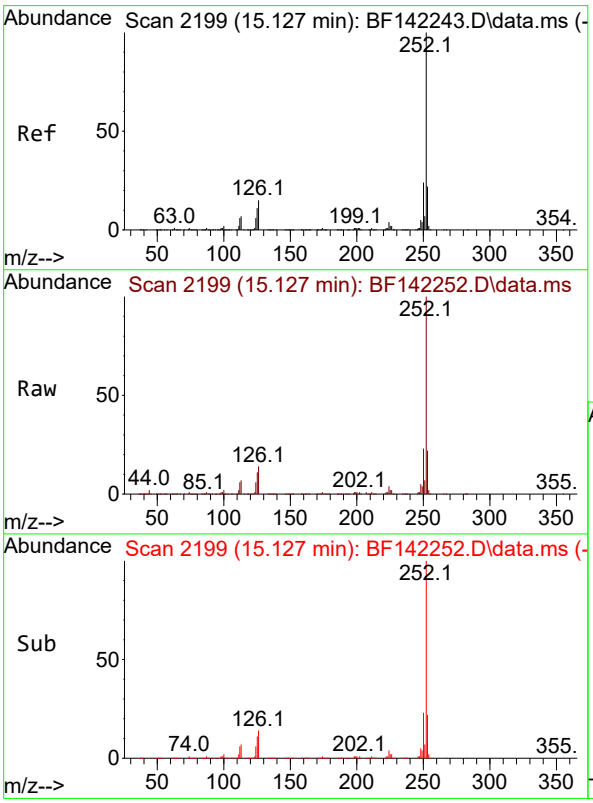
Ion	Ratio	Lower	Upper
276	100		
138	28.6	22.6	33.8
277	25.1	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
PB167798BS

Manual Integrations APPROVED

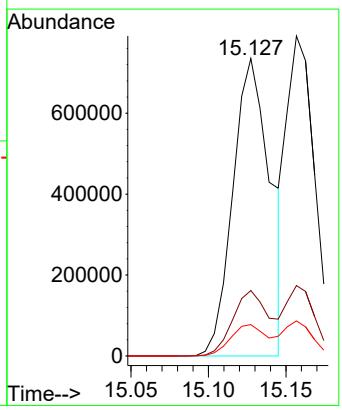
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

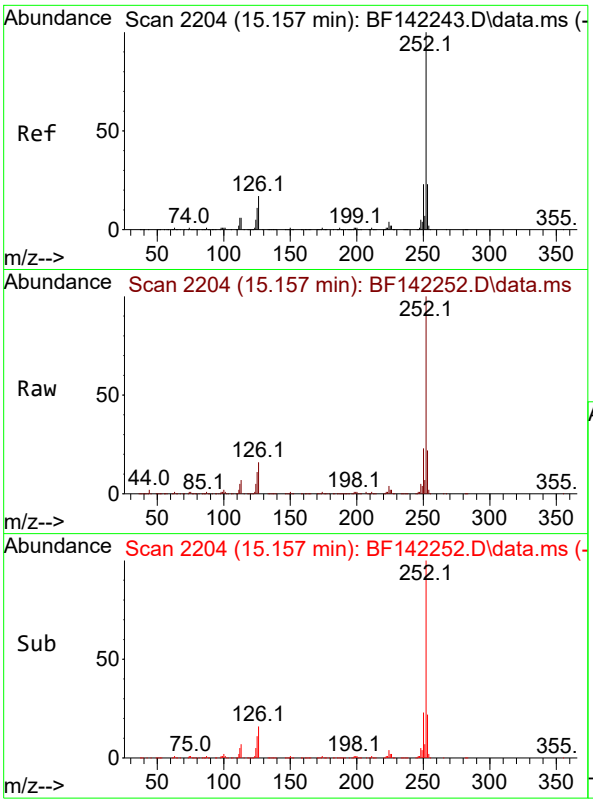


#88
Benzo(b)fluoranthene
Concen: 44.141 ng
RT: 15.127 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:252 Resp: 1230162

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.6	9.0	13.4

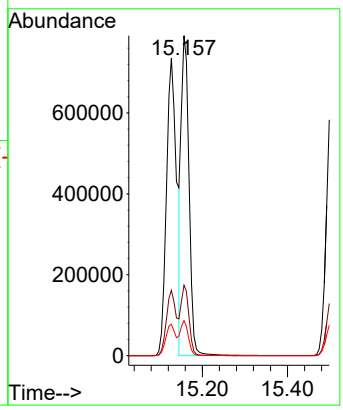




#89
Benzo(k)fluoranthene
Concen: 39.692 ng
RT: 15.157 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:252 Resp: 101179

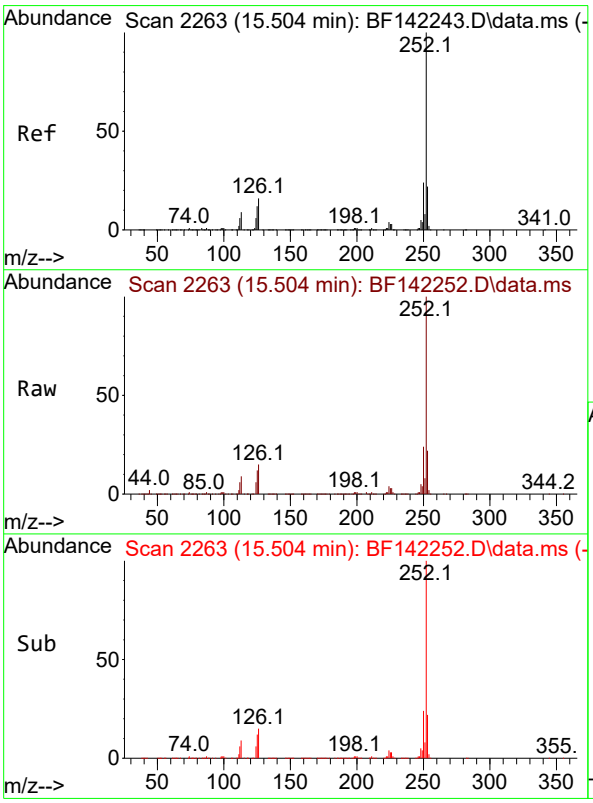
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.9	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
PB167798BS

Manual Integrations APPROVED

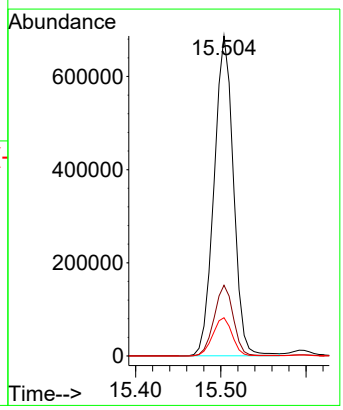
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

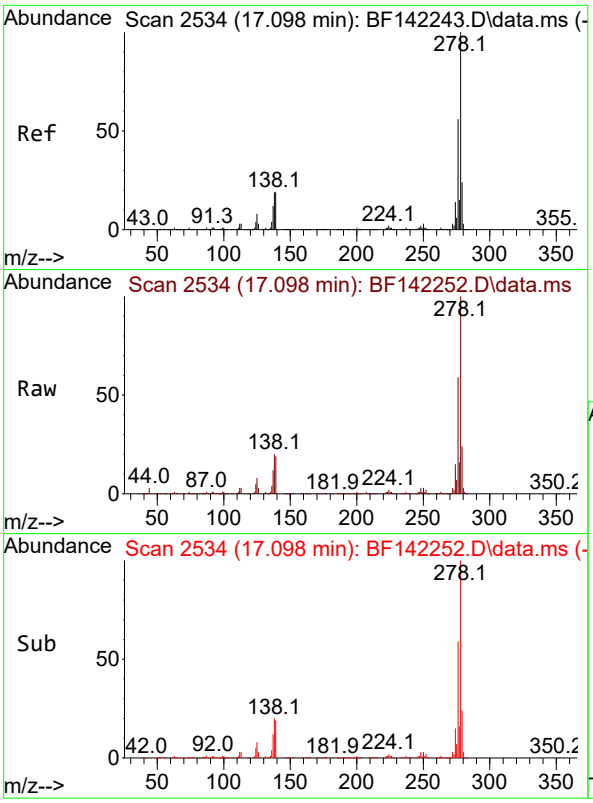


#90
Benzo(a)pyrene
Concen: 42.542 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:252 Resp: 1085464

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	12.0	9.5	14.3

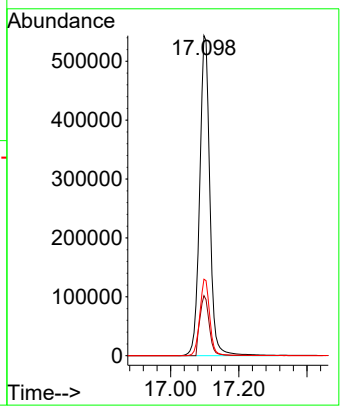




#91
Dibenzo(a,h)anthracene
Concen: 42.272 ng
RT: 17.098 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:278 Resp: 112747

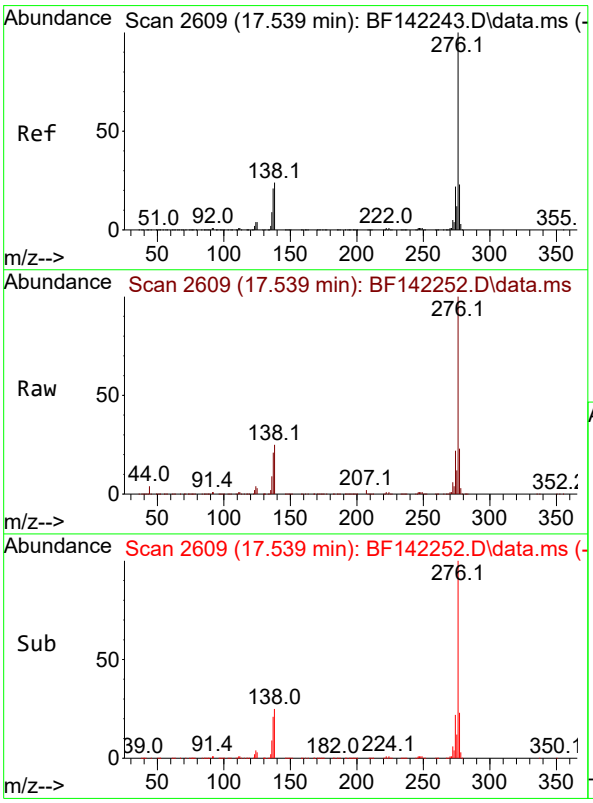
Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.2	22.8
279	23.9	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
PB167798BS

Manual Integrations
APPROVED

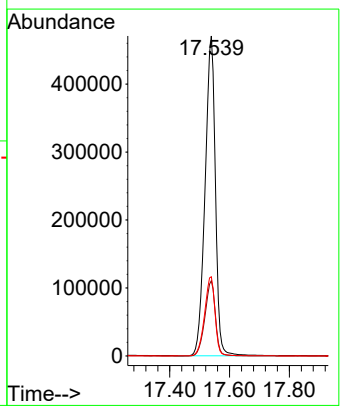
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



#92
Benzo(g,h,i)perylene
Concen: 41.996 ng
RT: 17.539 min Scan# 2609
Delta R.T. -0.000 min
Lab File: BF142252.D
Acq: 01 May 2025 11:13

Tgt Ion:276 Resp: 1126050

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.7	28.1
138	24.7	19.4	29.0



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	PB167803BS	SDG No.:	Q1914
Lab Sample ID:	PB167803BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050081.D	1	04/30/25 11:00	05/02/25 11:52	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1400		22.7	170	ug/Kg
208-96-8	Acenaphthylene	1400		28.9	170	ug/Kg
83-32-9	Acenaphthene	1400		21.3	170	ug/Kg
86-73-7	Fluorene	1400		25.3	170	ug/Kg
85-01-8	Phenanthrene	1400		20.9	170	ug/Kg
120-12-7	Anthracene	1500		33.3	170	ug/Kg
206-44-0	Fluoranthene	1500		30.0	170	ug/Kg
129-00-0	Pyrene	1400		36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	1500		23.0	170	ug/Kg
218-01-9	Chrysene	1500		19.9	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		19.0	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1500		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		25.7	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	75.1		18 - 107	75%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.7		20 - 109	74%	SPK: 100
1718-51-0	Terphenyl-d14	76.9		10 - 105	77%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	239000	7.751			
1146-65-2	Naphthalene-d8	852000	10.539			
15067-26-2	Acenaphthene-d10	547000	14.398			
1517-22-2	Phenanthrene-d10	1040000	17.145			
1719-03-5	Chrysene-d12	1030000	21.386			
1520-96-3	Perylene-d12	1050000	24.374			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY			Date Received:	
Client Sample ID:	PB167803BS			SDG No.:	Q1914
Lab Sample ID:	PB167803BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group3
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050081.D	1	04/30/25 11:00	05/02/25 11:52	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050081.D
Acq On : 02 May 2025 11:52
Operator : RC/JU
Sample : PB167803BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Quant Time: May 02 12:47:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.751	152	238731	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	852455	20.000	ng	-0.02
39) Acenaphthene-d10	14.398	164	546617	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	1041831	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	1028150	20.000	ng	-0.01
86) Perylene-d12	24.374	264	1050834	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1823203	133.731	ng	-0.01
7) Phenol-d6	6.939	99	2240387	130.746	ng	-0.01
23) Nitrobenzene-d5	8.910	82	1299262	75.104	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1027949	127.183	ng	-0.01
45) 2-Fluorobiphenyl	13.015	172	3406612	73.726	ng	-0.02
79) Terphenyl-d14	19.768	244	5346201	76.944	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	202965	34.721	ng	98
3) Pyridine	3.640	79	574993	38.284	ng	99
4) n-Nitrosodimethylamine	3.546	42	254557	43.214	ng	98
6) Aniline	7.081	93	385920	17.836	ng	98
8) 2-Chlorophenol	7.322	128	646960	43.889	ng	98
9) Benzaldehyde	6.892	77	298237	26.008	ng	98
10) Phenol	6.963	94	796370	45.909	ng	99
11) bis(2-Chloroethyl)ether	7.175	93	601231	41.507	ng	99
12) 1,3-Dichlorobenzene	7.639	146	737329	41.408	ng	99
13) 1,4-Dichlorobenzene	7.786	146	742090	41.484	ng	99
14) 1,2-Dichlorobenzene	8.098	146	716761	41.480	ng	98
15) Benzyl Alcohol	7.998	79	518865	43.663	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.275	45	731665	41.554	ng	99
17) 2-Methylphenol	8.210	107	504118	44.114	ng	99
18) Hexachloroethane	8.822	117	264223	41.551	ng	95
19) n-Nitroso-di-n-propyla...	8.557	70	457904	41.666	ng	99
20) 3+4-Methylphenols	8.539	107	680776	44.113	ng	98
22) Acetophenone	8.575	105	897627	42.354	ng	98
24) Nitrobenzene	8.951	77	649250	43.404	ng	99
25) Isophorone	9.480	82	1191736	40.413	ng	99
26) 2-Nitrophenol	9.663	139	336179	43.992	ng	98
27) 2,4-Dimethylphenol	9.733	122	560187	44.204	ng	98
28) bis(2-Chloroethoxy)met...	9.957	93	760340	41.717	ng	100
29) 2,4-Dichlorophenol	10.210	162	631822	44.503	ng	99
30) 1,2,4-Trichlorobenzene	10.410	180	723534	41.829	ng	100
31) Naphthalene	10.592	128	1806992	41.857	ng	100
32) Benzoic acid	9.898	122	338454	41.758	ng	99
33) 4-Chloroaniline	10.722	127	236990	13.393	ng	99
34) Hexachlorobutadiene	10.874	225	453768	41.328	ng	99
35) Caprolactam	11.504	113	169843	41.029	ng	92
36) 4-Chloro-3-methylphenol	11.857	107	555694	42.366	ng	99
37) 2-Methylnaphthalene	12.210	142	1182840	40.867	ng	100
38) 1-Methylnaphthalene	12.427	142	1246383	40.691	ng	100
40) 1,2,4,5-Tetrachloroben...	12.586	216	816106	43.129	ng	99
41) Hexachlorocyclopentadiene	12.557	237	1092645	94.488	ng	99
43) 2,4,6-Trichlorophenol	12.833	196	534568	44.541	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050081.D
Acq On : 02 May 2025 11:52
Operator : RC/JU
Sample : PB167803BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Quant Time: May 02 12:47:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

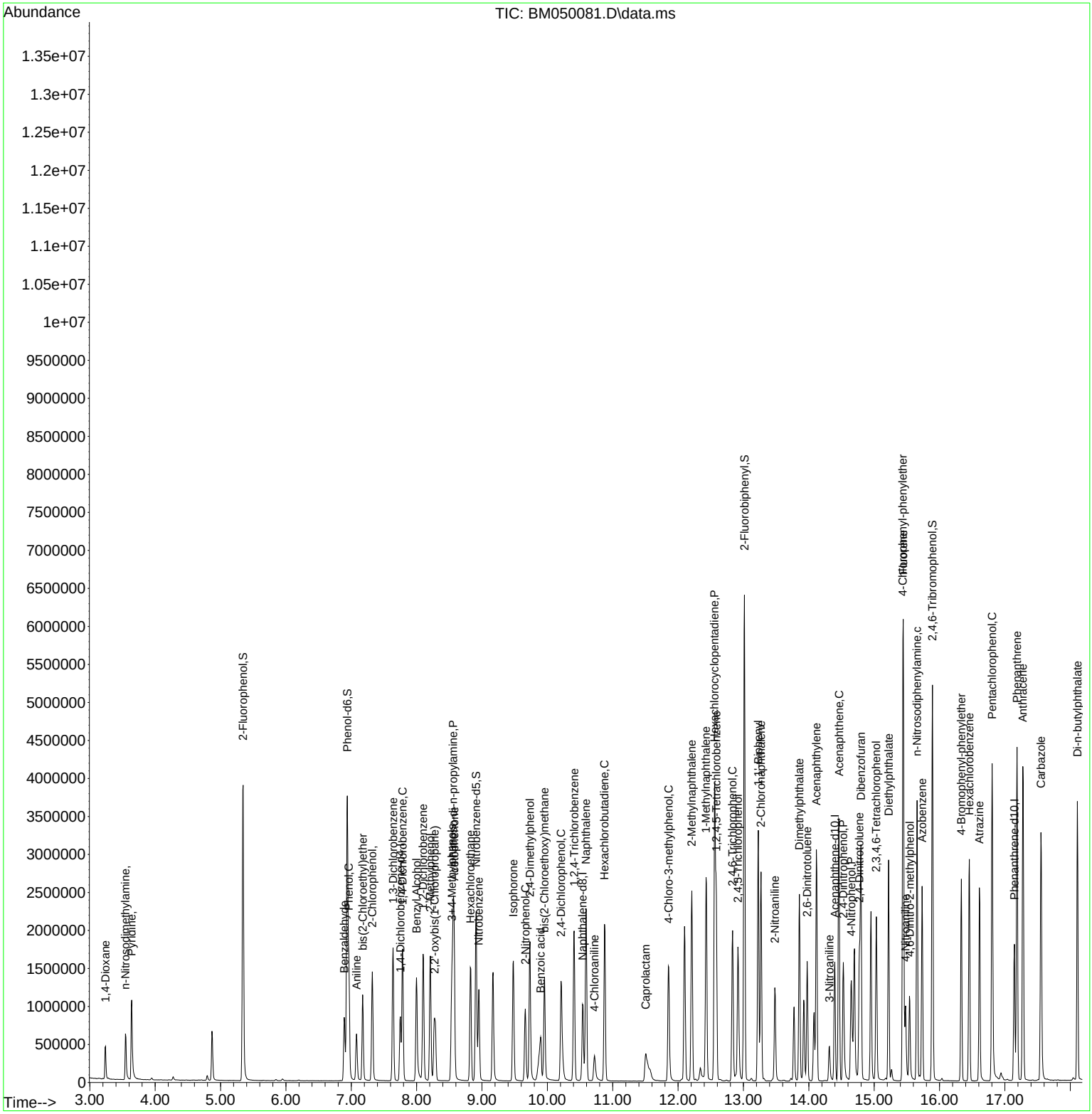
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.915	196	572778	44.257	ng	99
46) 1,1'-Biphenyl	13.227	154	1714850	42.204	ng	99
47) 2-Chloronaphthalene	13.268	162	1372162	42.639	ng	100
48) 2-Nitroaniline	13.480	65	337316	44.660	ng	97
49) Acenaphthylene	14.115	152	2154517	42.462	ng	100
50) Dimethylphthalate	13.857	163	1655809	41.450	ng	100
51) 2,6-Dinitrotoluene	13.974	165	360700	43.611	ng	96
52) Acenaphthene	14.462	154	1237912	42.149	ng	99
53) 3-Nitroaniline	14.315	138	140875	17.840	ng	99
54) 2,4-Dinitrophenol	14.527	184	452687	85.127	ng	99
55) Dibenzofuran	14.798	168	2035860	41.663	ng	99
56) 4-Nitrophenol	14.651	139	556814	86.298	ng	99
57) 2,4-Dinitrotoluene	14.774	165	506537	44.321	ng	99
58) Fluorene	15.445	166	1702863	42.574	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.033	232	480862	42.923	ng	99
60) Diethylphthalate	15.221	149	1534231	40.759	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	928613	42.269	ng	99
62) 4-Nitroaniline	15.480	138	315457	41.407	ng	97
63) Azobenzene	15.733	77	1344729	42.627	ng	100
65) 4,6-Dinitro-2-methylph...	15.545	198	293420	44.993	ng	98
66) n-Nitrosodiphenylamine	15.656	169	1401982	43.823	ng	100
67) 4-Bromophenyl-phenylether	16.333	248	537365	42.653	ng	98
68) Hexachlorobenzene	16.456	284	620070	42.697	ng	98
69) Atrazine	16.609	200	499731	43.305	ng	99
70) Pentachlorophenol	16.803	266	815255	99.731	ng	98
71) Phenanthrene	17.186	178	2550491	43.405	ng	99
72) Anthracene	17.274	178	2596482	43.664	ng	100
73) Carbazole	17.550	167	2281814	44.221	ng	99
74) Di-n-butylphthalate	18.109	149	2588026	42.116	ng	100
75) Fluoranthene	19.203	202	3027358	43.882	ng	100
77) Benzidine	19.397	184	874516	23.946	ng	99
78) Pyrene	19.568	202	3117233	43.175	ng	100
80) Butylbenzylphthalate	20.462	149	1135997	42.009	ng	94
81) Benzo(a)anthracene	21.368	228	3113215	43.971	ng	100
82) 3,3'-Dichlorobenzidine	21.291	252	536223	19.784	ng	99
83) Chrysene	21.427	228	2897203	44.213	ng	100
84) Bis(2-ethylhexyl)phtha...	21.286	149	1668880	41.318	ng	100
85) Di-n-octyl phthalate	22.409	149	2819567	42.329	ng	99
87) Indeno(1,2,3-cd)pyrene	27.762	276	3738994	47.752	ng	100
88) Benzo(b)fluoranthene	23.432	252	2984894	43.678	ng	100
89) Benzo(k)fluoranthene	23.497	252	2991504	43.276	ng	100
90) Benzo(a)pyrene	24.238	252	2839325	44.360	ng	99
91) Dibenzo(a,h)anthracene	27.803	278	3076788	48.205	ng	99
92) Benzo(g,h,i)perylene	28.814	276	2916539	47.729	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050081.D
Acq On : 02 May 2025 11:52
Operator : RC/JU
Sample : PB167803BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167803BS

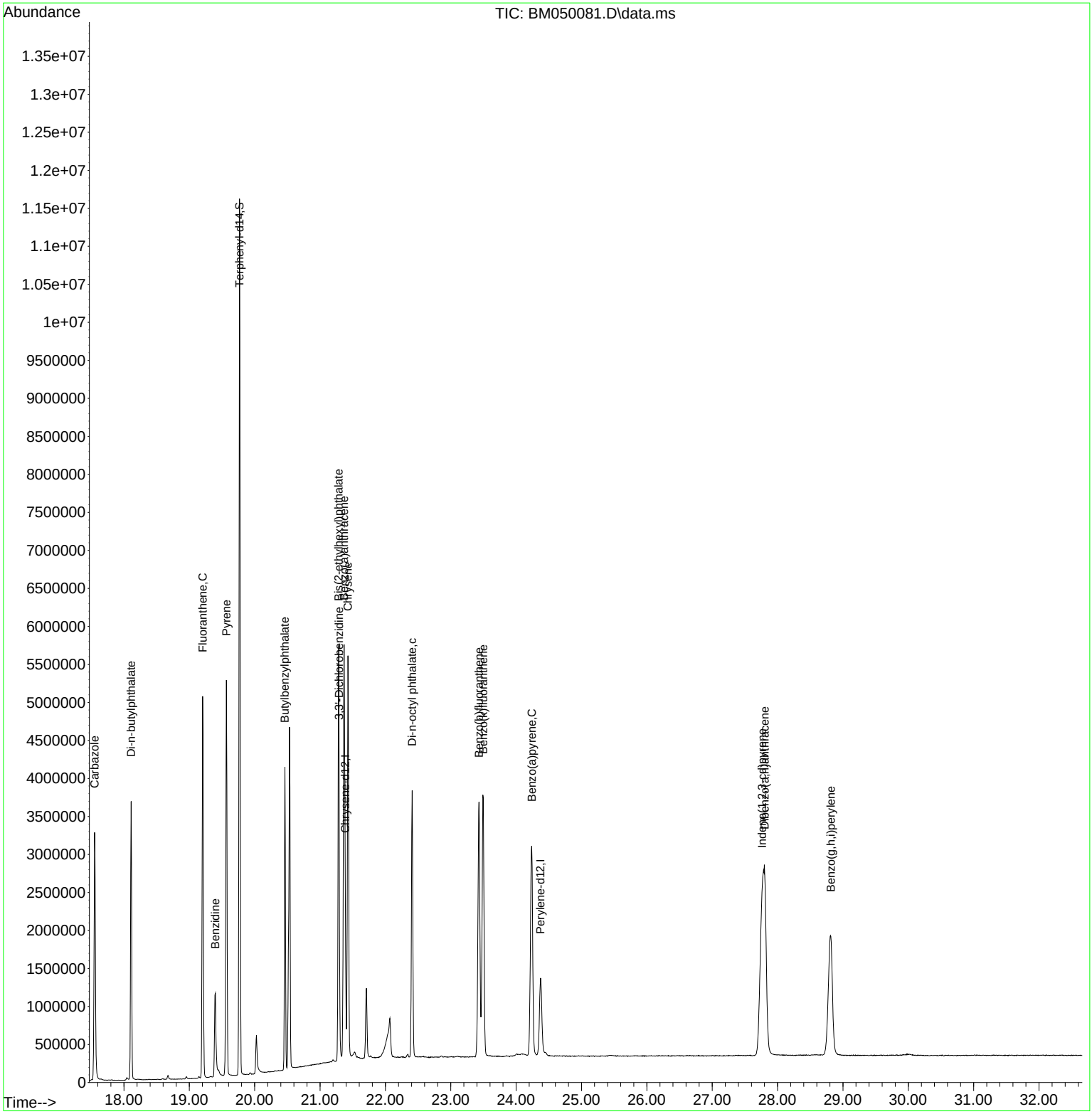
Quant Time: May 02 12:47:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

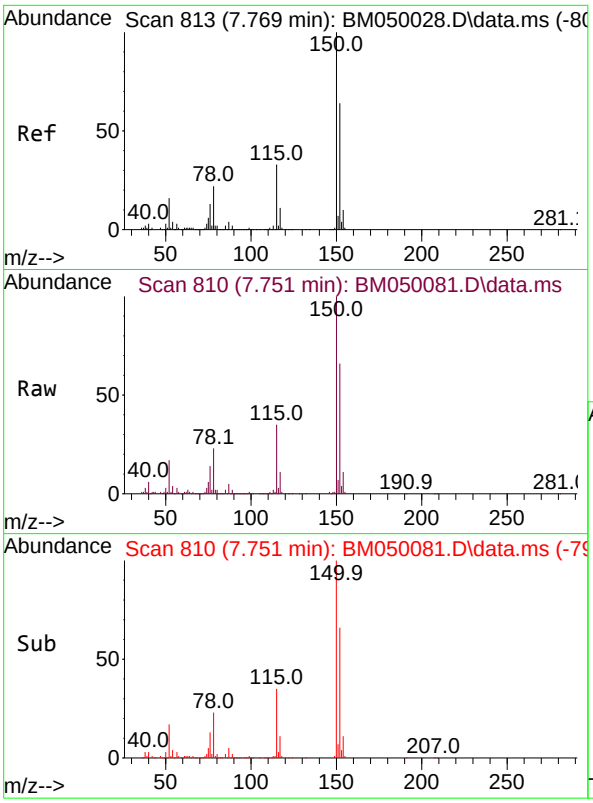


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050081.D
Acq On : 02 May 2025 11:52
Operator : RC/JU
Sample : PB167803BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Quant Time: May 02 12:47:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



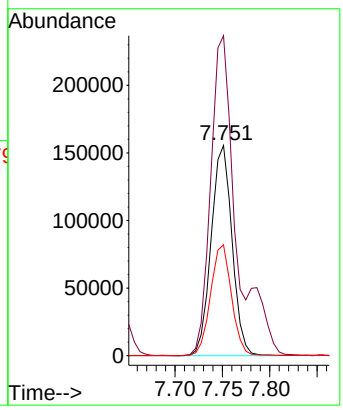


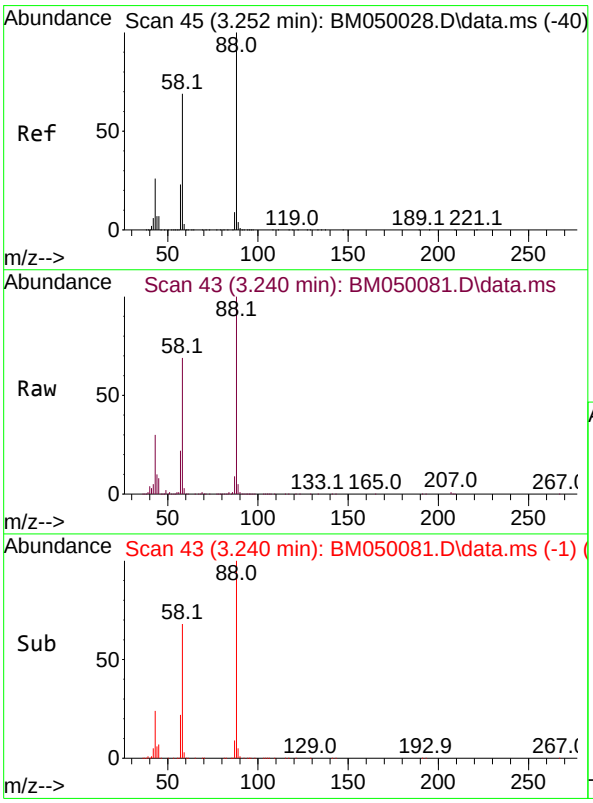
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.751 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:152 Resp: 238731

Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.1	186.1
115	52.7	41.2	61.8

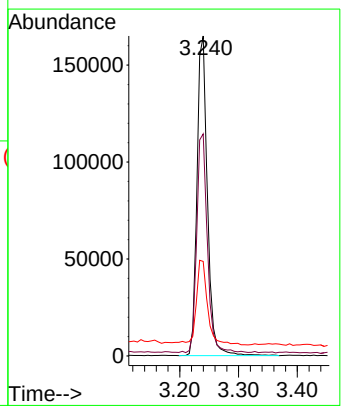


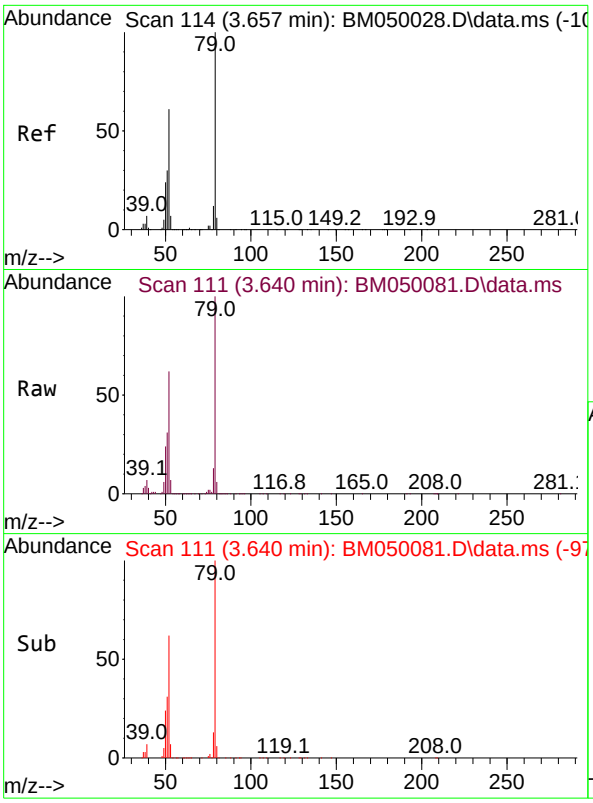


#2
1,4-Dioxane
Concen: 34.721 ng
RT: 3.240 min Scan# 43
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion: 88 Resp: 202965

Ion	Ratio	Lower	Upper
88	100		
58	69.6	55.1	82.7
43	28.2	20.9	31.3



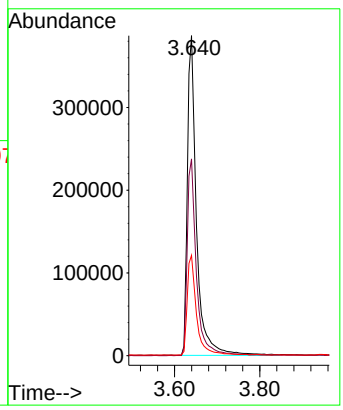


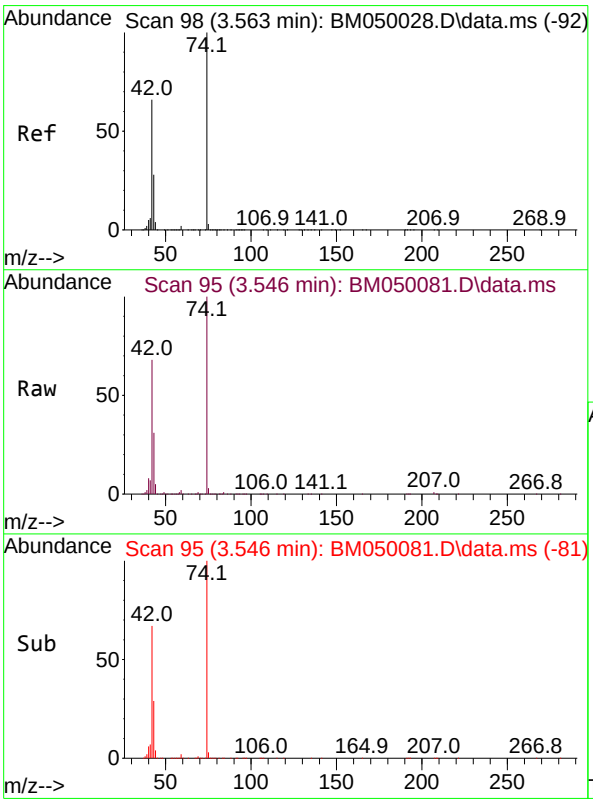
#3
Pyridine
Concen: 38.284 ng
RT: 3.640 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion: 79 Resp: 574993

Ion	Ratio	Lower	Upper
79	100		
52	61.5	48.6	72.8
51	31.4	24.6	37.0

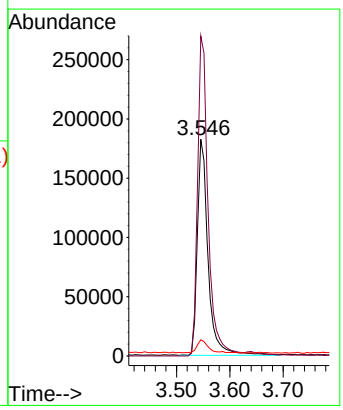


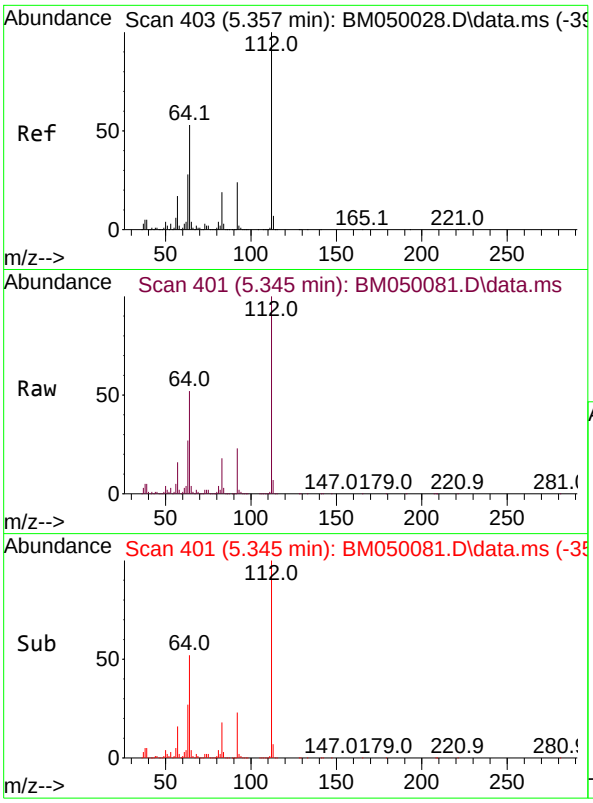


#4
n-Nitrosodimethylamine
Concen: 43.214 ng
RT: 3.546 min Scan# 95
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion: 42 Resp: 254557

Ion	Ratio	Lower	Upper
42	100		
74	147.7	120.2	180.2
44	7.5	6.2	9.2



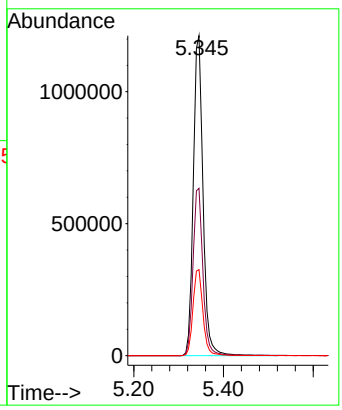


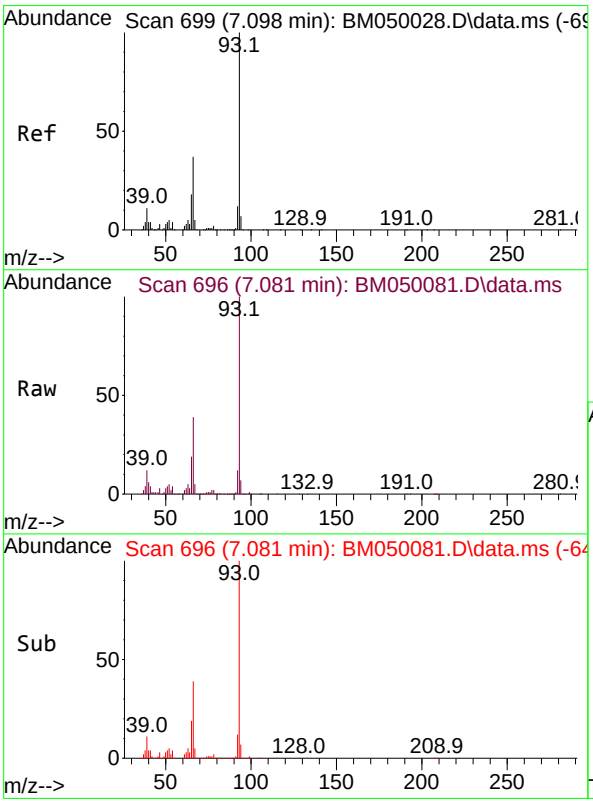
#5
2-Fluorophenol
Concen: 133.731 ng
RT: 5.345 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:112 Resp: 1823203

Ion	Ratio	Lower	Upper
112	100		
64	52.3	42.6	64.0
63	26.9	22.2	33.4

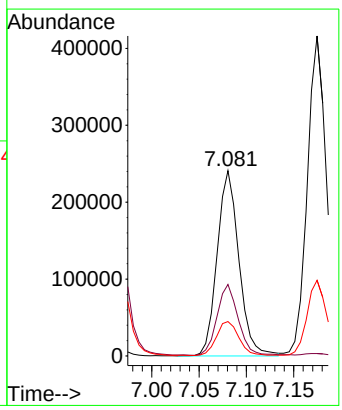


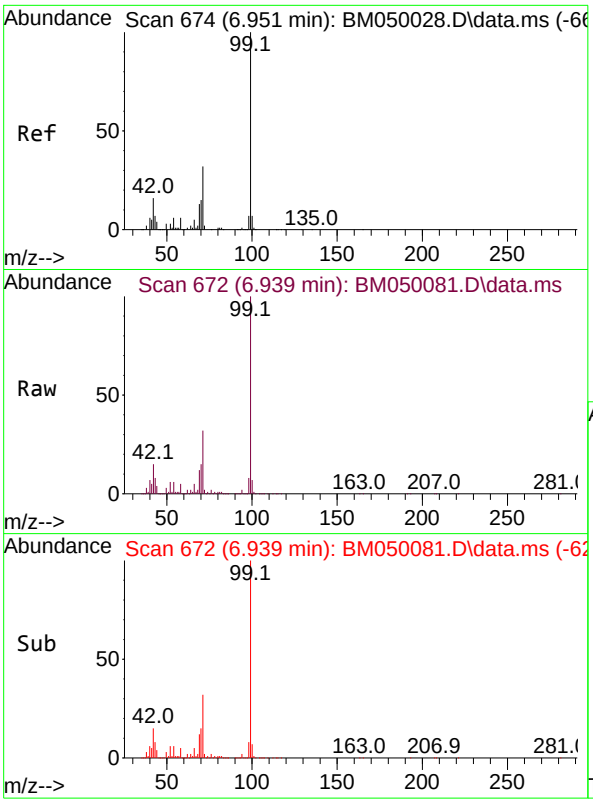


#6
Aniline
Concen: 17.836 ng
RT: 7.081 min Scan# 696
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion: 93 Resp: 385920

Ion	Ratio	Lower	Upper
93	100		
66	38.6	29.9	44.9
65	18.5	14.5	21.7



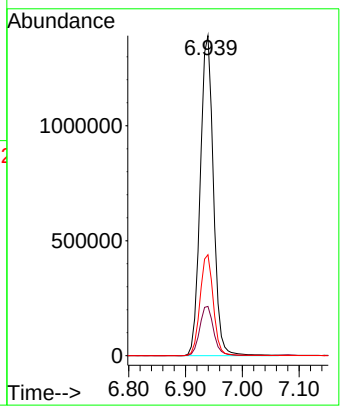


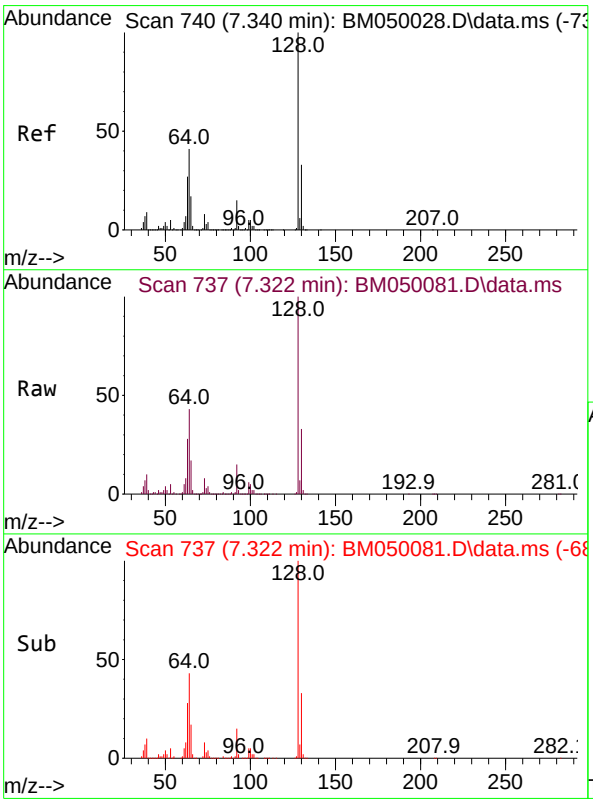
#7
Phenol-d6
Concen: 130.746 ng
RT: 6.939 min Scan# 6
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion: 99 Resp: 2240387

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.0	19.4
71	31.6	25.6	38.4

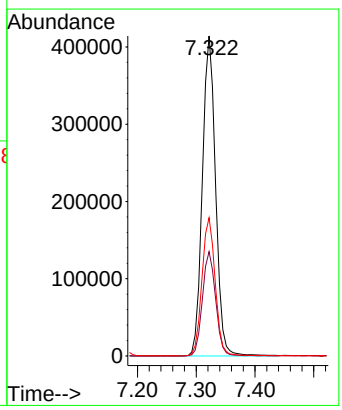


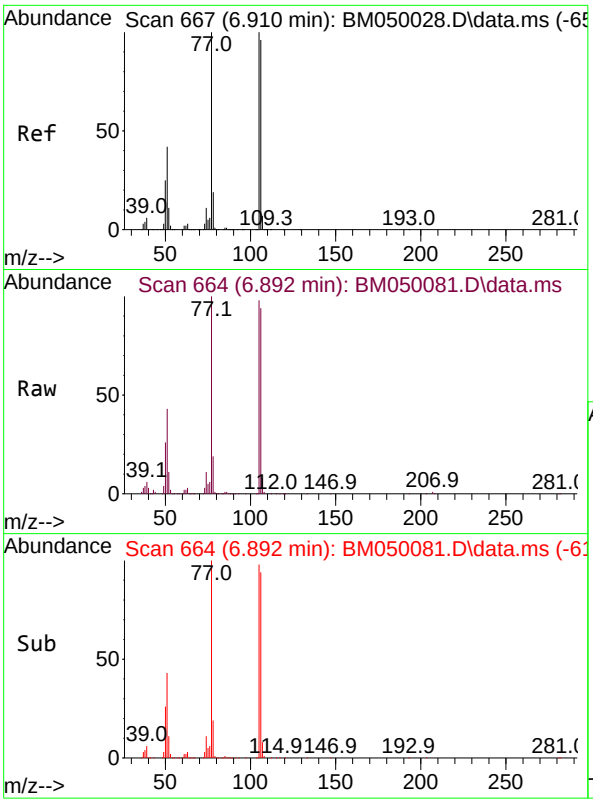


#8
2-Chlorophenol
Concen: 43.889 ng
RT: 7.322 min Scan# 737
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:128 Resp: 646960

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.8	52.8
64	43.2	21.2	61.2



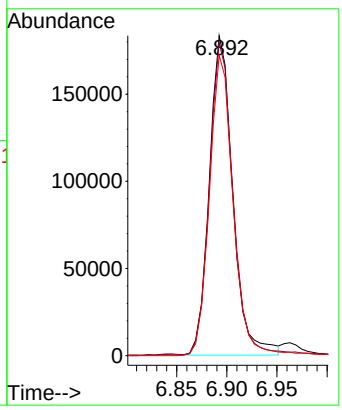


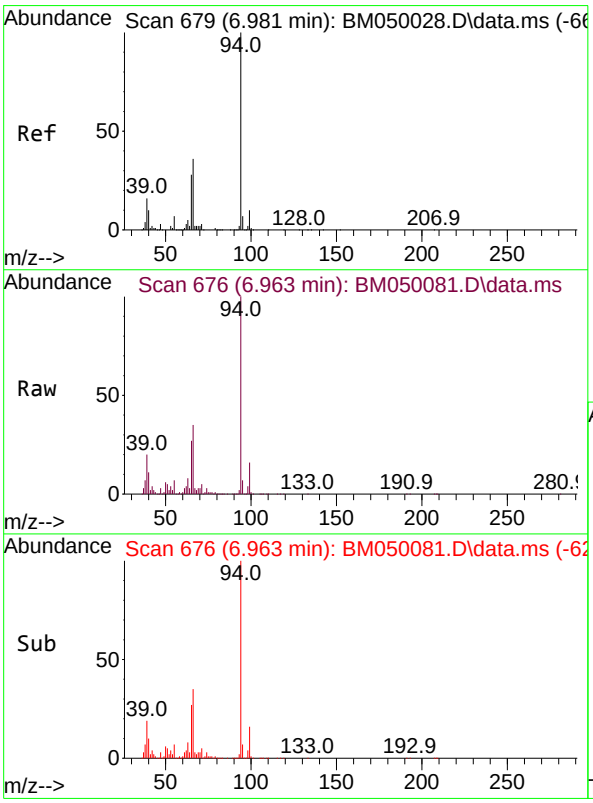
#9
Benzaldehyde
Concen: 26.008 ng
RT: 6.892 min Scan# 6(
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion: 77 Resp: 298237

Ion	Ratio	Lower	Upper
77	100		
105	97.8	80.5	120.5
106	93.8	76.1	116.1

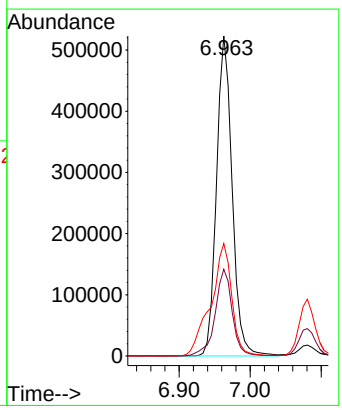


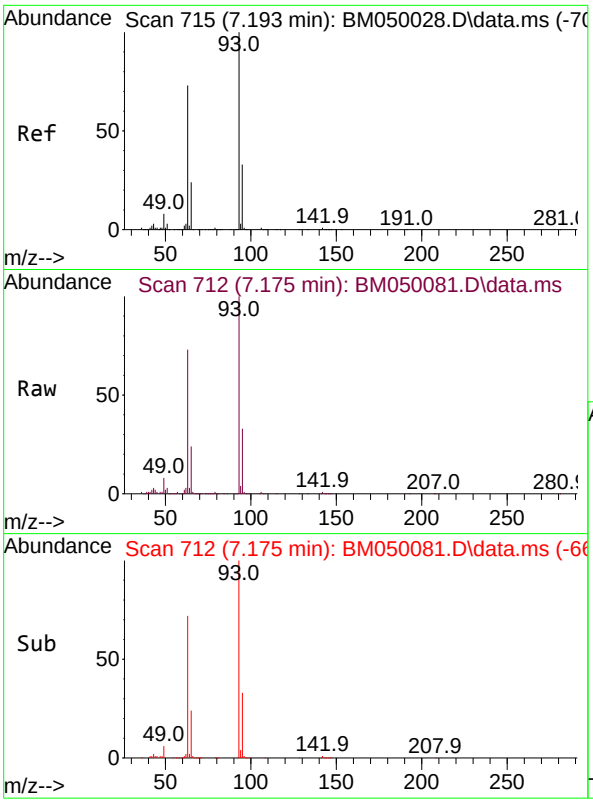


#10
Phenol
Concen: 45.909 ng
RT: 6.963 min Scan# 676
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion: 94 Resp: 796370

Ion	Ratio	Lower	Upper
94	100		
65	27.1	7.6	47.6
66	35.2	15.8	55.8



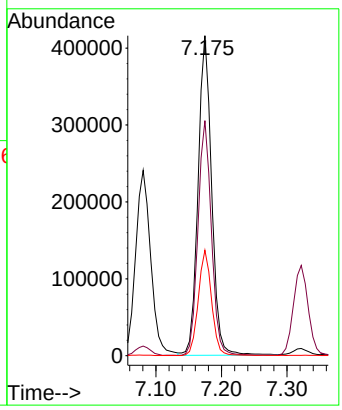


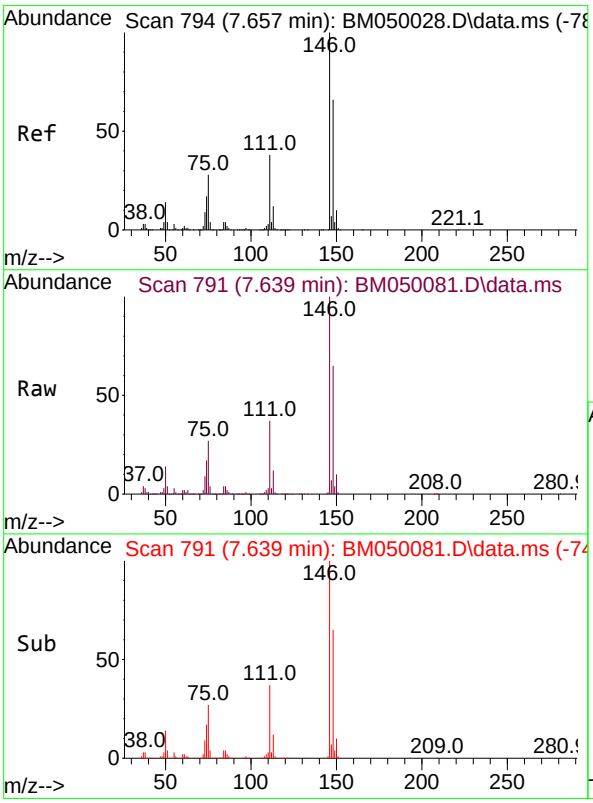
#11
bis(2-Chloroethyl)ether
Concen: 41.507 ng
RT: 7.175 min Scan# 71
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion: 93 Resp: 601231

Ion	Ratio	Lower	Upper
93	100		
63	73.4	52.3	92.3
95	33.0	12.8	52.8

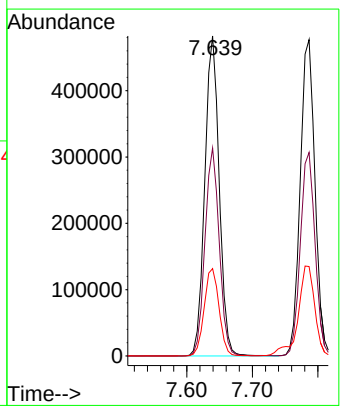


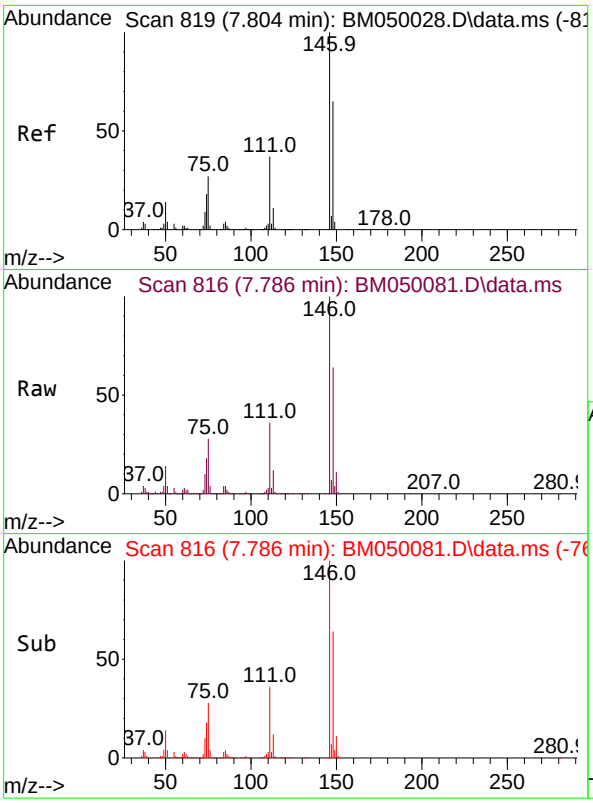


#12
1,3-Dichlorobenzene
Concen: 41.408 ng
RT: 7.639 min Scan# 791
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:146 Resp: 737329

Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.5	78.7
75	27.3	22.6	34.0



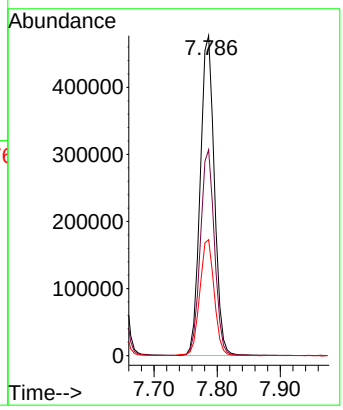


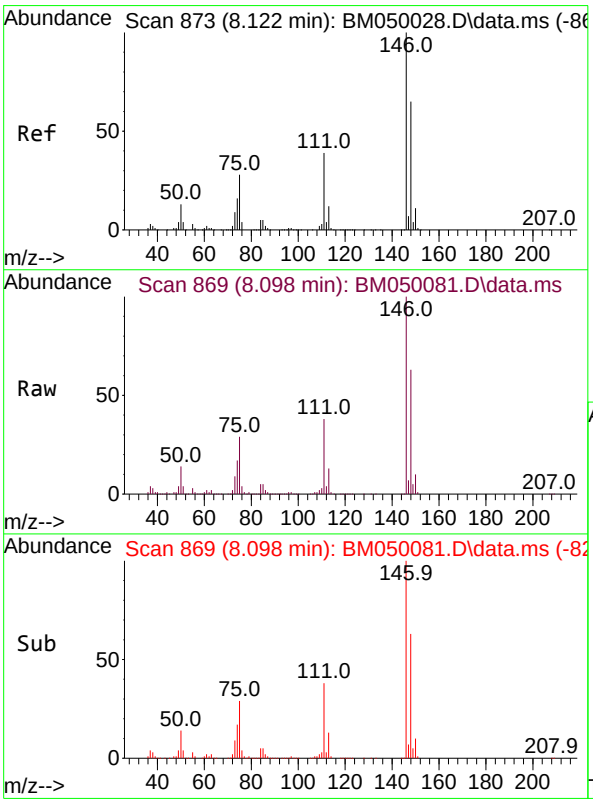
#13
1,4-Dichlorobenzene
Concen: 41.484 ng
RT: 7.786 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:146 Resp: 742090

Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.2	78.2
111	36.3	29.3	43.9

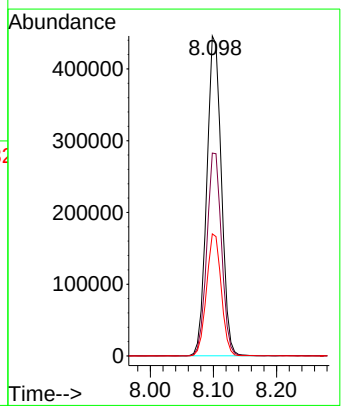


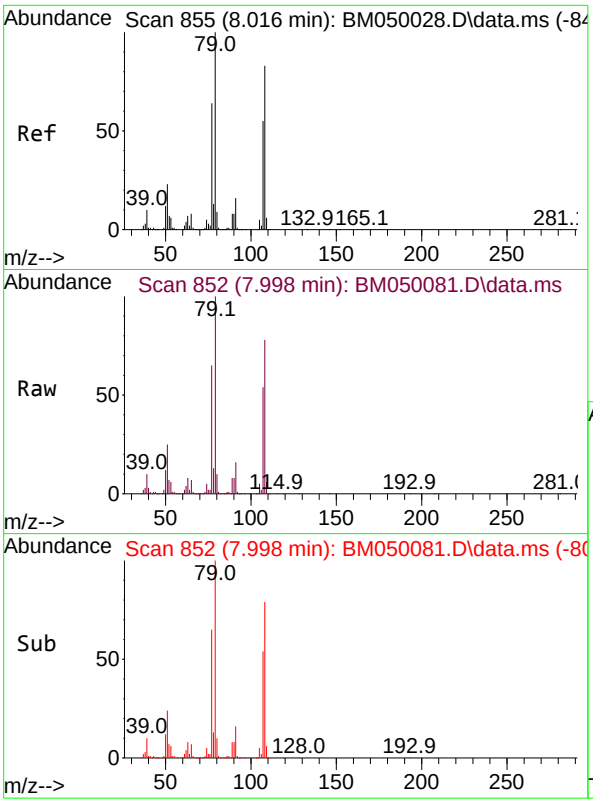


#14
1,2-Dichlorobenzene
Concen: 41.480 ng
RT: 8.098 min Scan# 869
Delta R.T. -0.024 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:146 Resp: 716761

Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.4	78.6
111	38.2	31.0	46.6



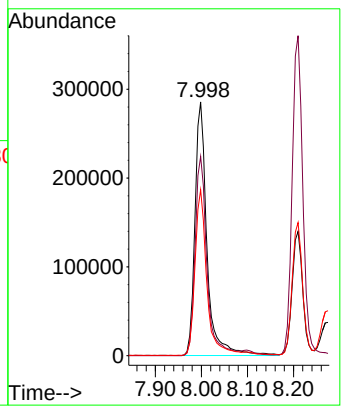


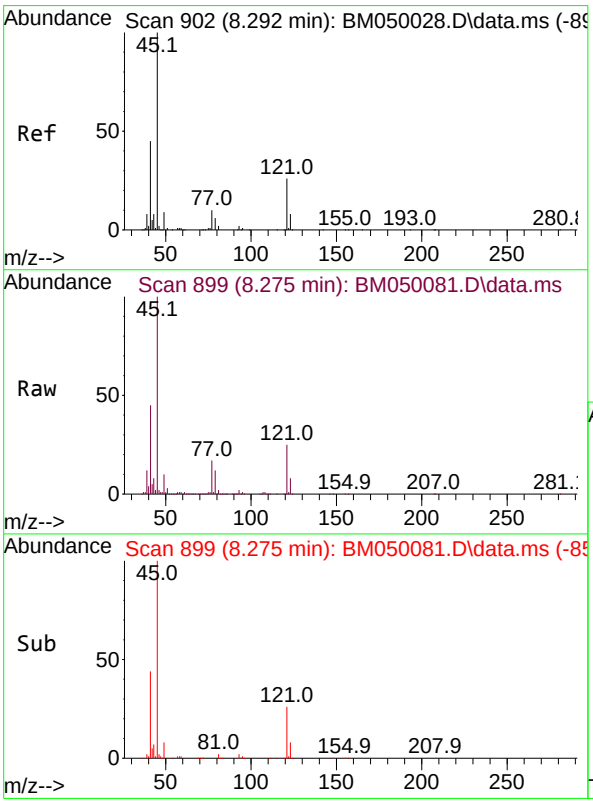
#15
Benzyl Alcohol
Concen: 43.663 ng
RT: 7.998 min Scan# 8
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion: 79 Resp: 518865

Ion	Ratio	Lower	Upper
79	100		
108	78.5	66.0	99.0
77	65.4	51.6	77.4

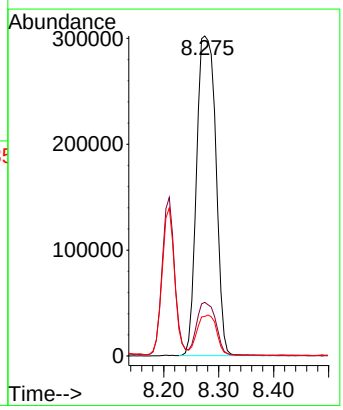


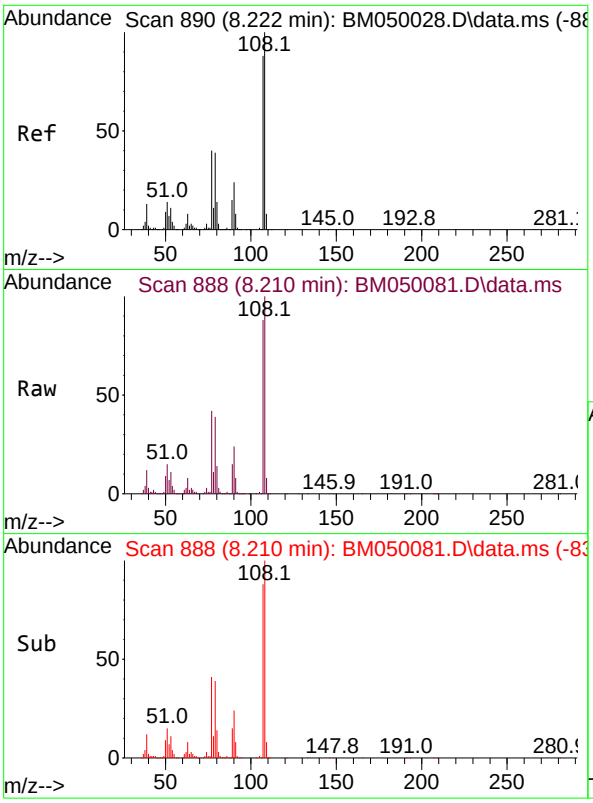


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.554 ng
RT: 8.275 min Scan# 899
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion: 45 Resp: 731665

Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.0	36.4
79	12.4	0.0	32.7



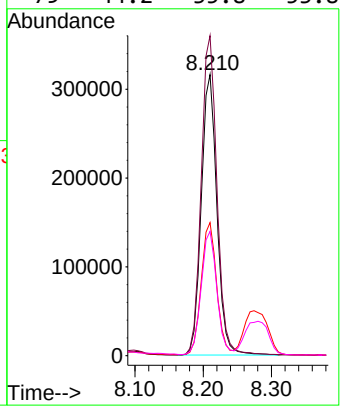


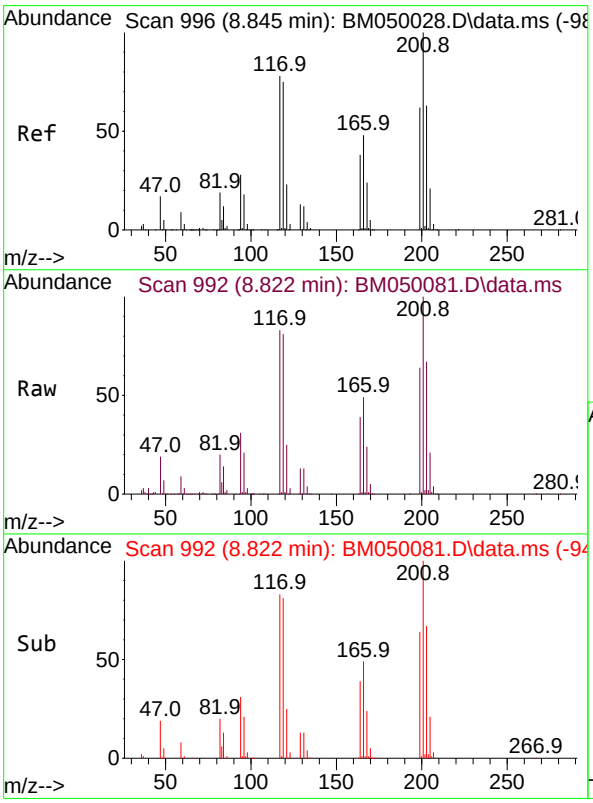
#17
2-Methylphenol
Concen: 44.114 ng
RT: 8.210 min Scan# 8
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:107 Resp: 504118

Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.1	136.7
77	47.3	36.2	54.4
79	44.2	35.8	53.8

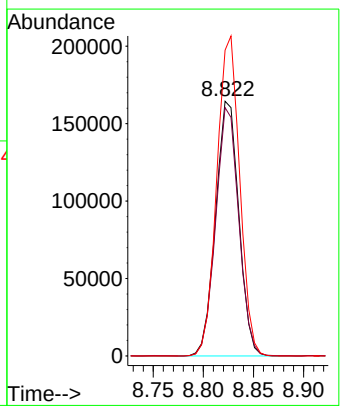


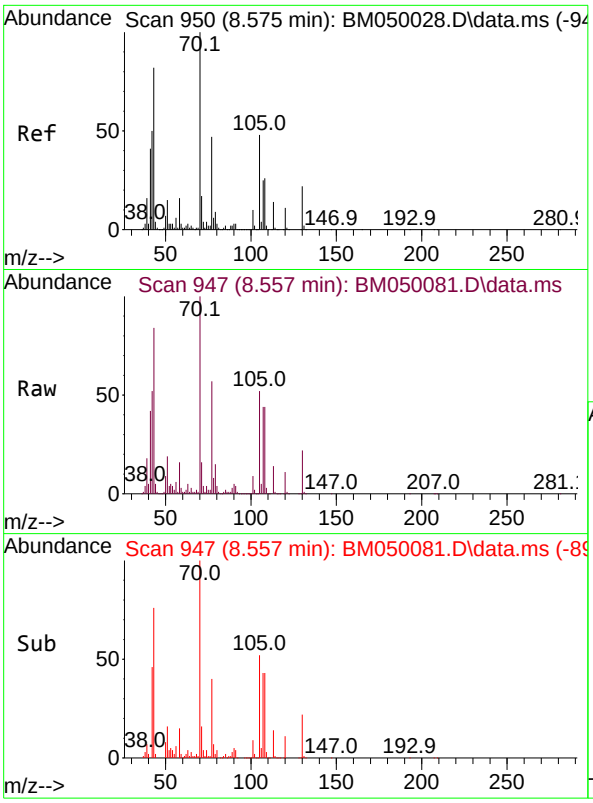


#18
Hexachloroethane
Concen: 41.551 ng
RT: 8.822 min Scan# 992
Delta R.T. -0.024 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:117 Resp: 264223

Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.3	115.9
201	120.0	102.8	154.2



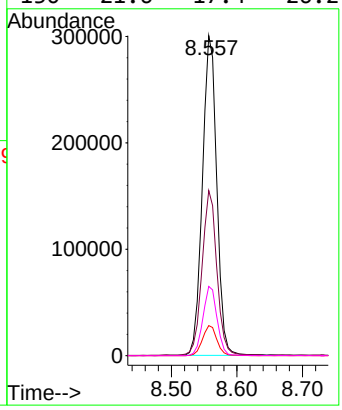


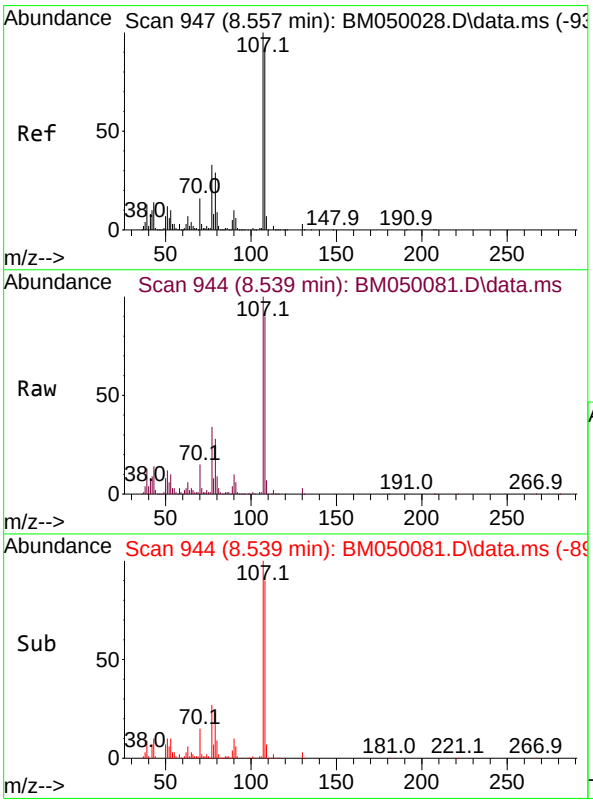
#19
n-Nitroso-di-n-propylamine
Concen: 41.666 ng
RT: 8.557 min Scan# 94
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion: 70 Resp: 457904

Ion	Ratio	Lower	Upper
70	100		
42	51.6	40.5	60.7
101	9.4	7.8	11.6
130	21.6	17.4	26.2

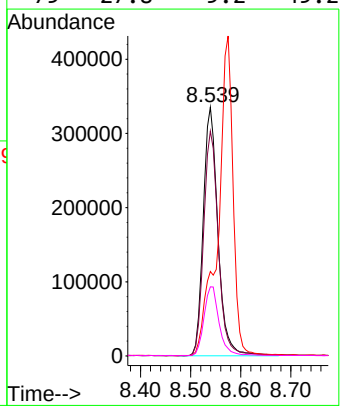


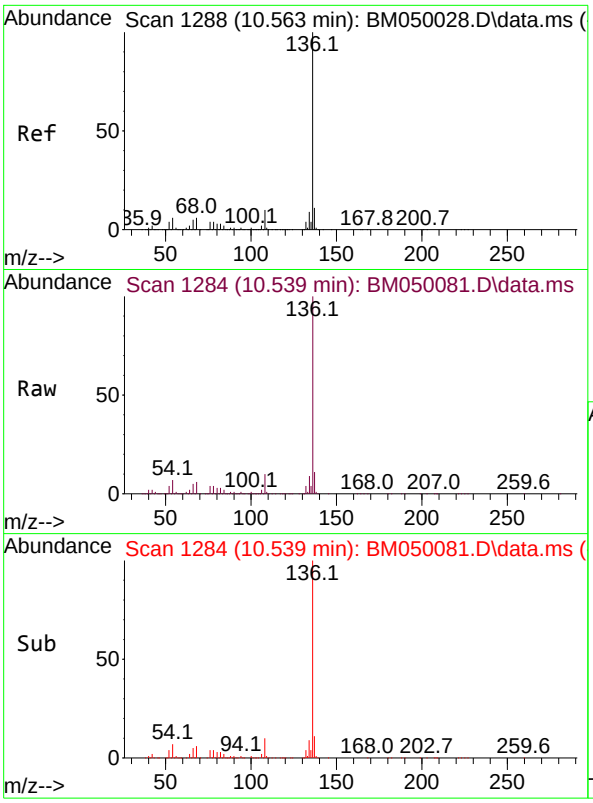


#20
3+4-Methylphenols
Concen: 44.113 ng
RT: 8.539 min Scan# 944
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:107 Resp: 680776

Ion	Ratio	Lower	Upper
107	100		
108	90.4	72.4	112.4
77	34.0	13.6	53.6
79	27.8	9.2	49.2



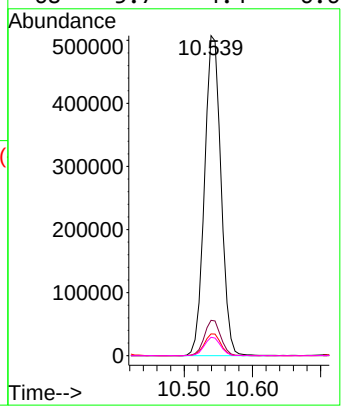


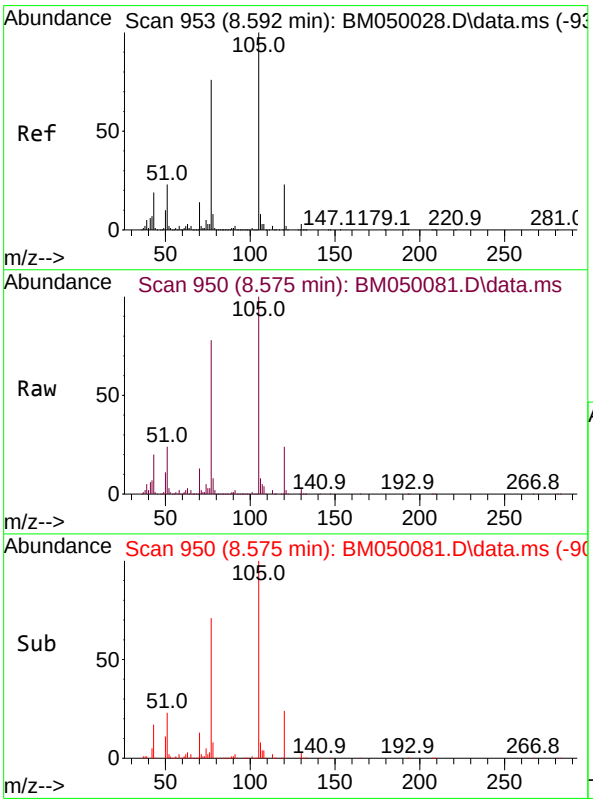
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:136 Resp: 852455

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.8	5.1	7.7
68	5.7	4.4	6.6

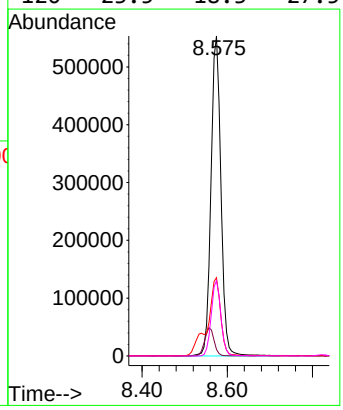


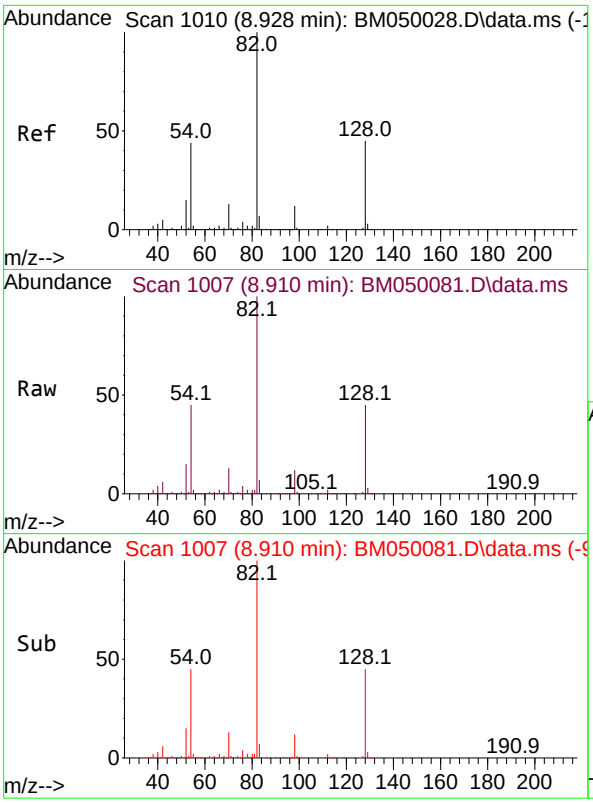


#22
Acetophenone
Concen: 42.354 ng
RT: 8.575 min Scan# 950
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:105 Resp: 897627

Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.7	2.5
51	24.5	18.6	27.8
120	23.5	18.3	27.5



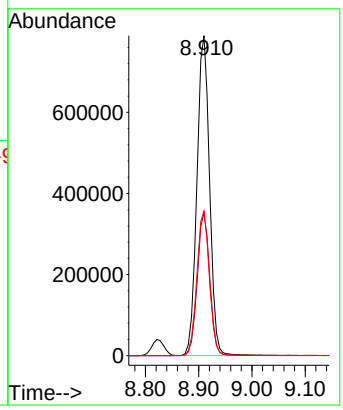


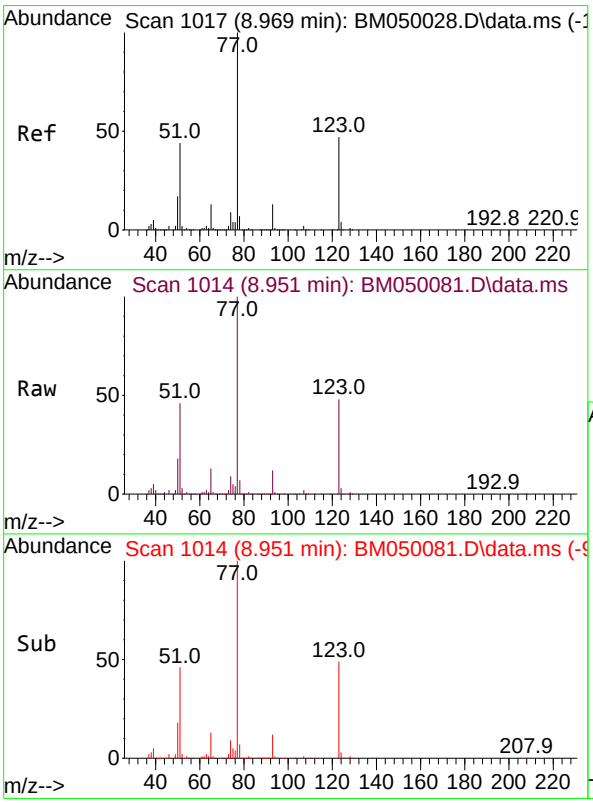
#23
Nitrobenzene-d5
Concen: 75.104 ng
RT: 8.910 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion: 82 Resp: 1299262

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.7	53.5
54	45.2	35.4	53.2

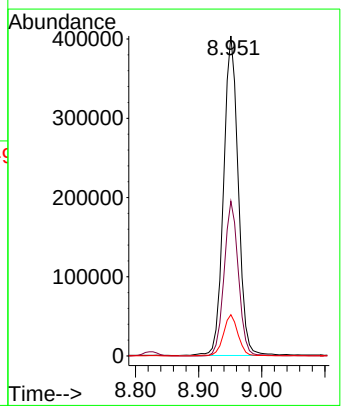


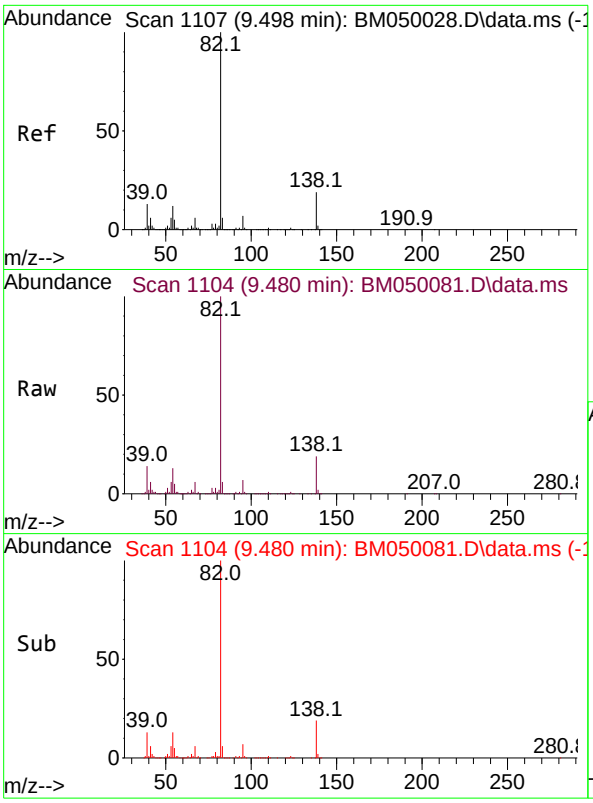


#24
Nitrobenzene
Concen: 43.404 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion: 77 Resp: 649250

Ion	Ratio	Lower	Upper
77	100		
123	48.4	37.9	56.9
65	12.9	10.1	15.1



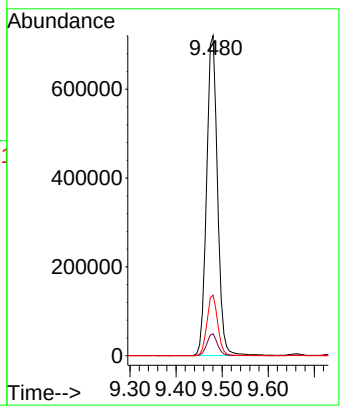


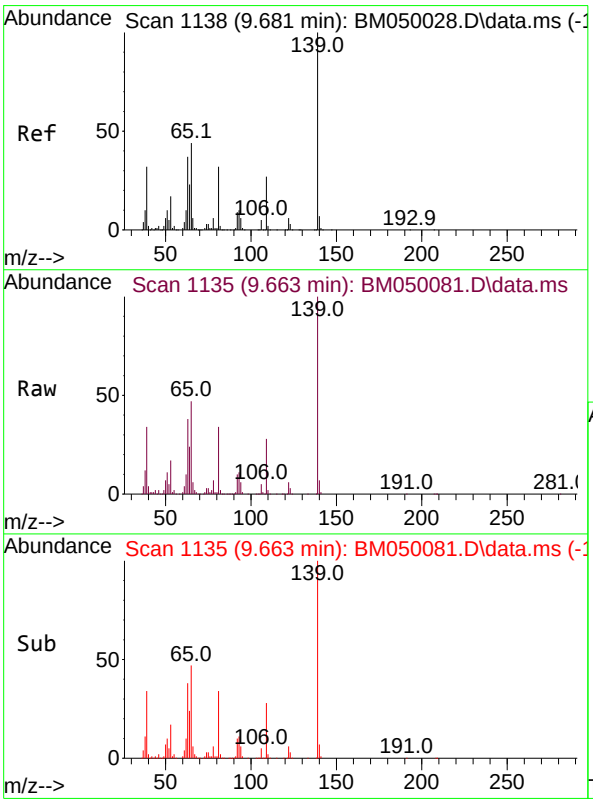
#25
Isophorone
Concen: 40.413 ng
RT: 9.480 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion: 82 Resp: 1191736

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.7	8.5
138	18.9	15.5	23.3

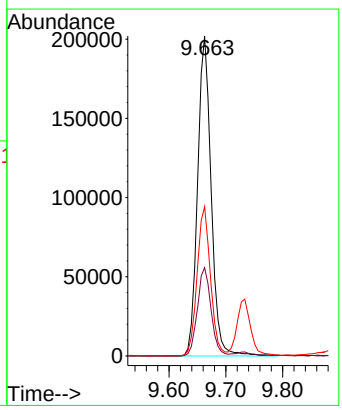


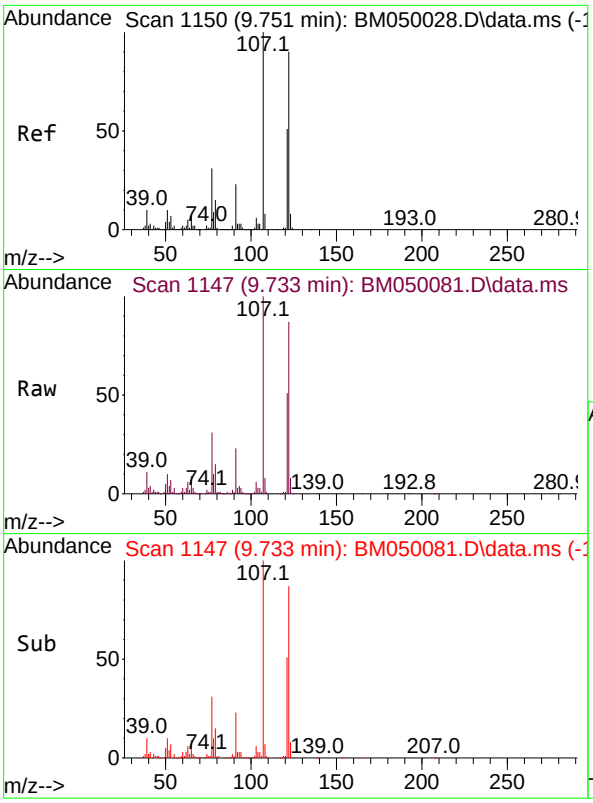


#26
2-Nitrophenol
Concen: 43.992 ng
RT: 9.663 min Scan# 1135
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:139 Resp: 336179

Ion	Ratio	Lower	Upper
139	100		
109	27.6	21.9	32.9
65	46.7	35.4	53.2



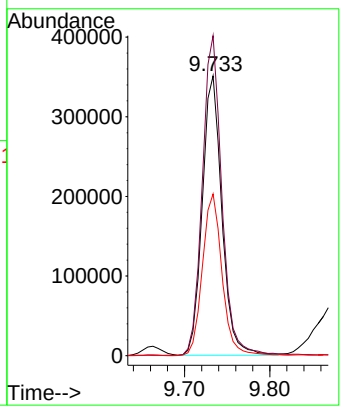


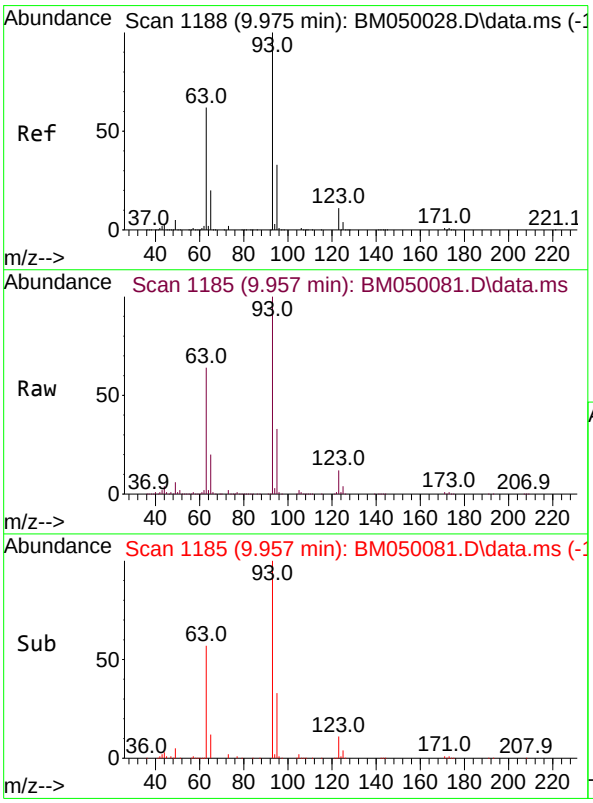
#27
2,4-Dimethylphenol
Concen: 44.204 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:122 Resp: 560187

Ion	Ratio	Lower	Upper
122	100		
107	114.4	89.0	133.6
121	57.8	45.6	68.4

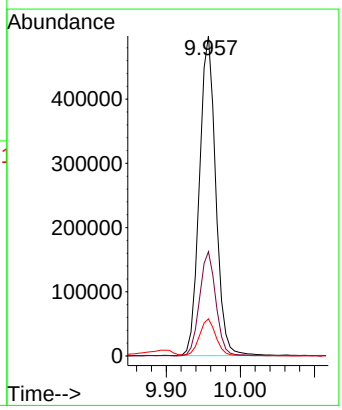


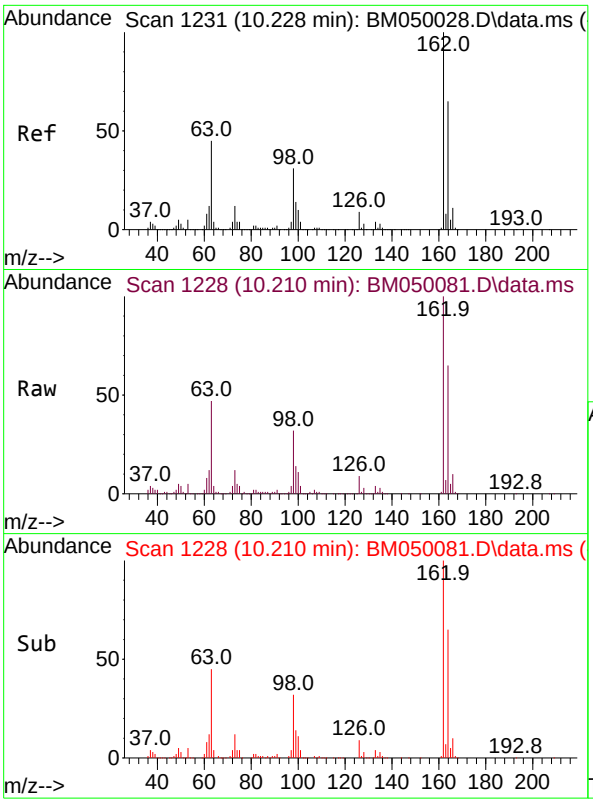


#28
bis(2-Chloroethoxy)methane
Concen: 41.717 ng
RT: 9.957 min Scan# 1185
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion: 93 Resp: 760340

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.1	39.1
123	11.6	9.5	14.3



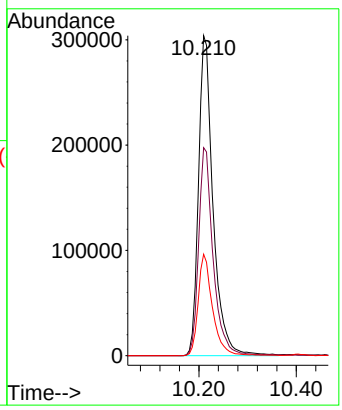


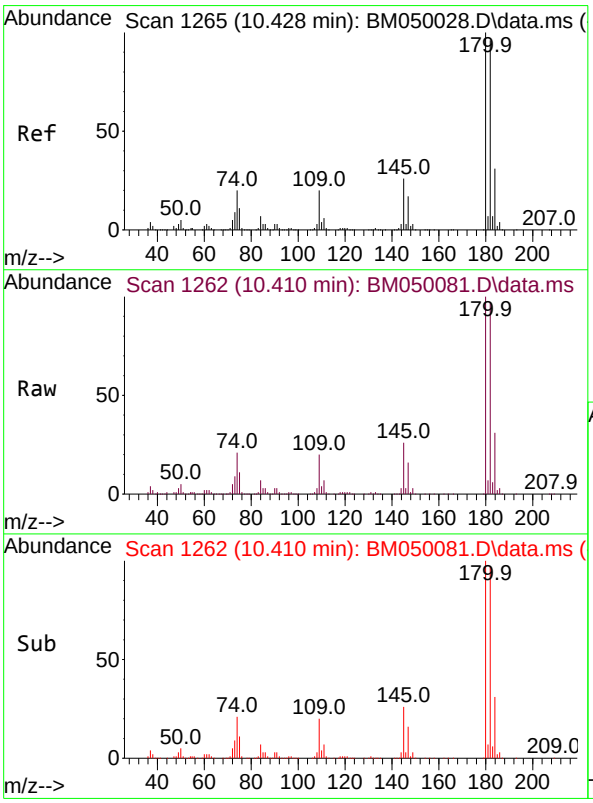
#29
2,4-Dichlorophenol
Concen: 44.503 ng
RT: 10.210 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:162 Resp: 631822

Ion	Ratio	Lower	Upper
162	100		
164	65.0	45.4	85.4
98	31.7	11.3	51.3

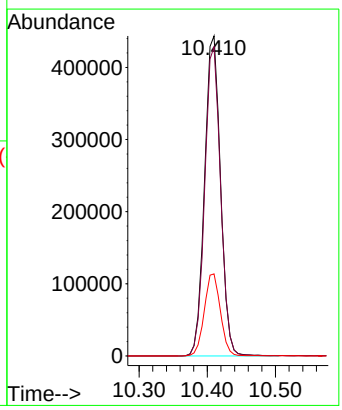


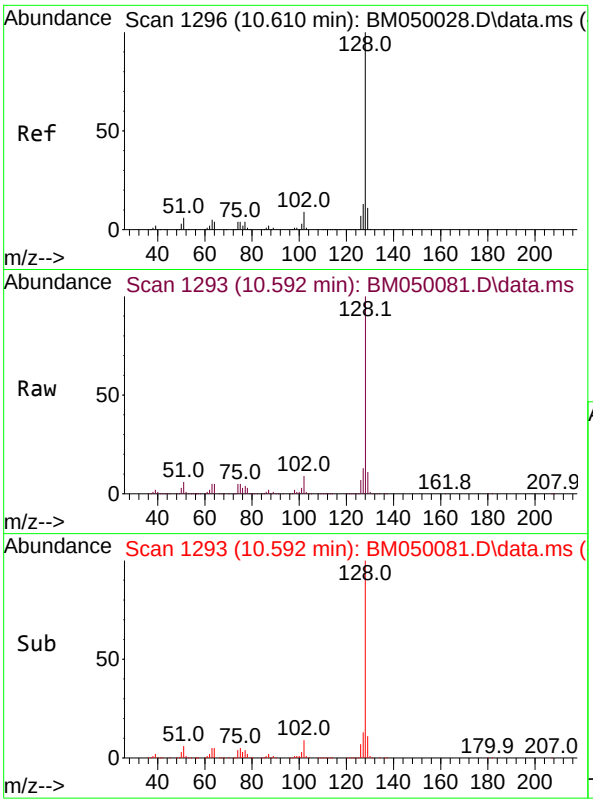


#30
1,2,4-Trichlorobenzene
Concen: 41.829 ng
RT: 10.410 min Scan# 1262
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:180 Resp: 723534

Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.0	115.4
145	25.6	20.6	30.8



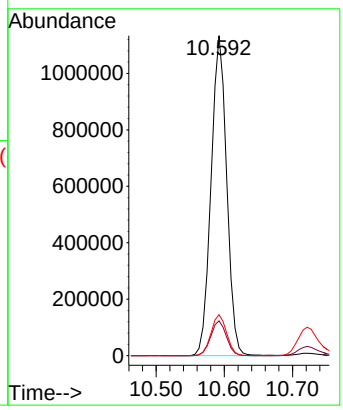


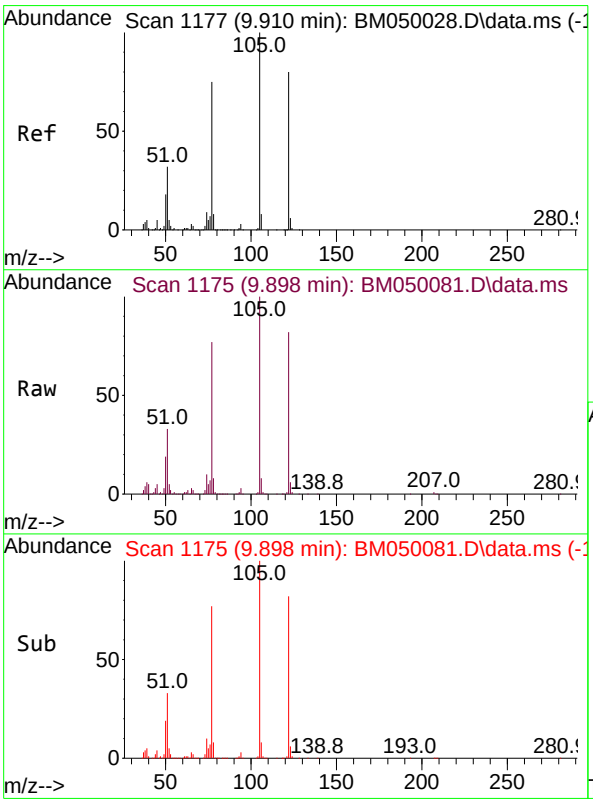
#31
Naphthalene
Concen: 41.857 ng
RT: 10.592 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:128 Resp: 1806992

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.8	10.4	15.6

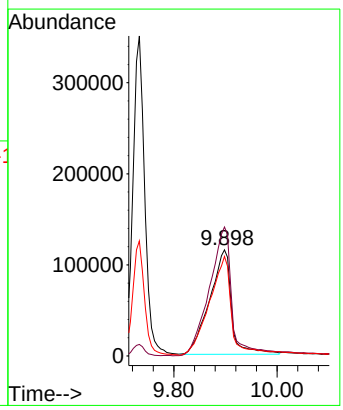


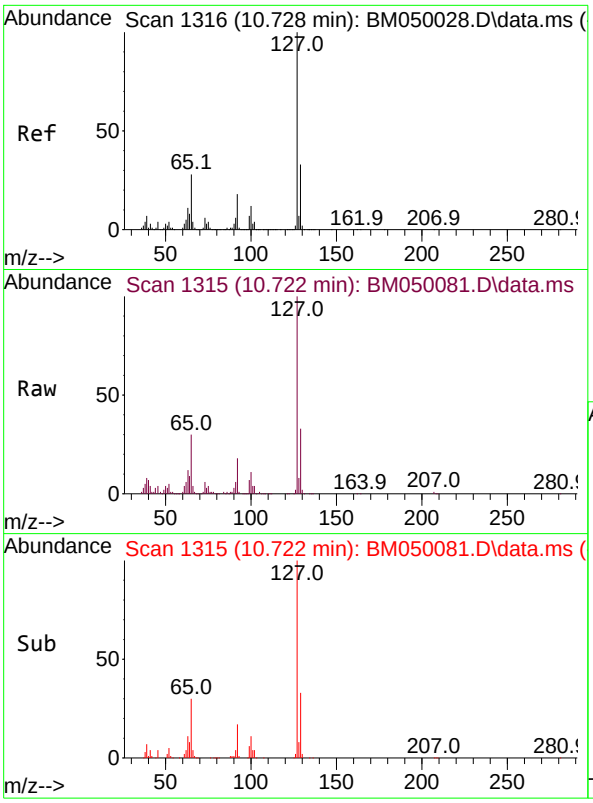


#32
Benzoic acid
Concen: 41.758 ng
RT: 9.898 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:122 Resp: 338454

Ion	Ratio	Lower	Upper
122	100		
105	121.5	103.6	143.6
77	93.8	73.7	113.7



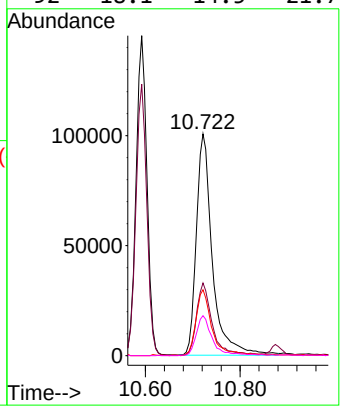


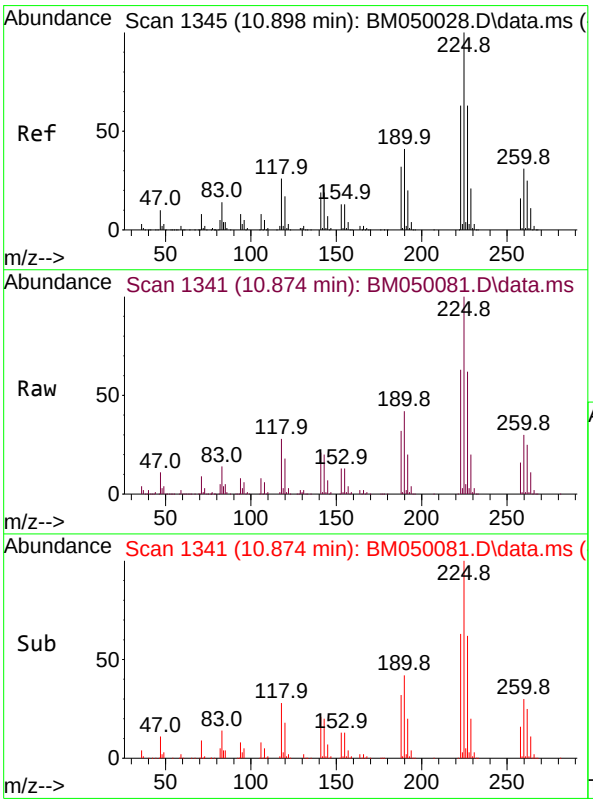
#33
4-Chloroaniline
Concen: 13.393 ng
RT: 10.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:127 Resp: 236990

Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	29.8	22.5	33.7
92	18.1	14.5	21.7

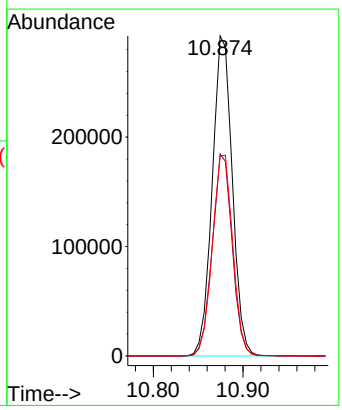


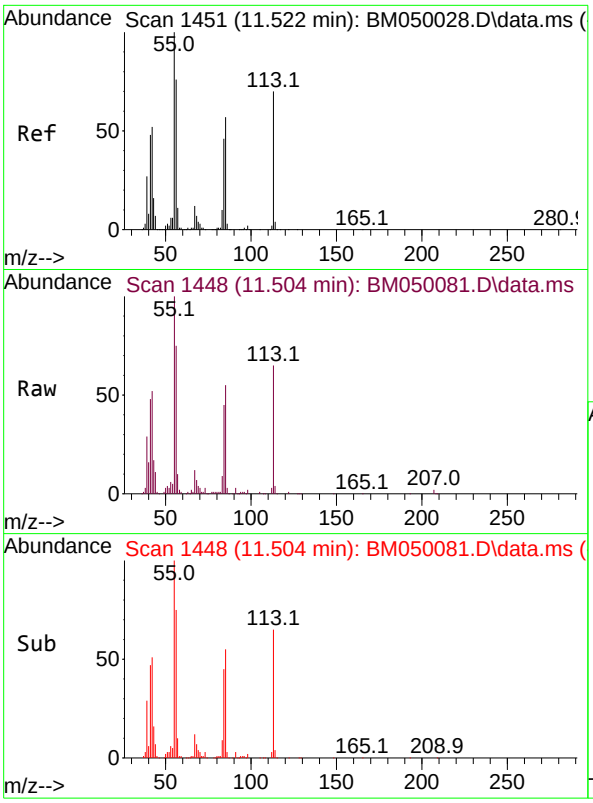


#34
Hexachlorobutadiene
Concen: 41.328 ng
RT: 10.874 min Scan# 1341
Delta R.T. -0.024 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:225 Resp: 453768

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.2	75.2
227	62.5	50.6	76.0



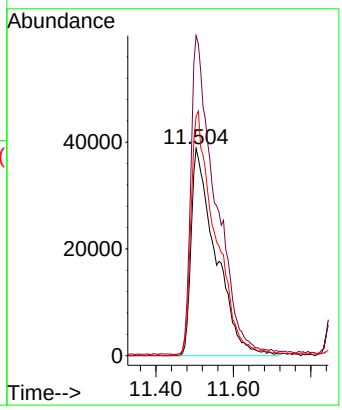


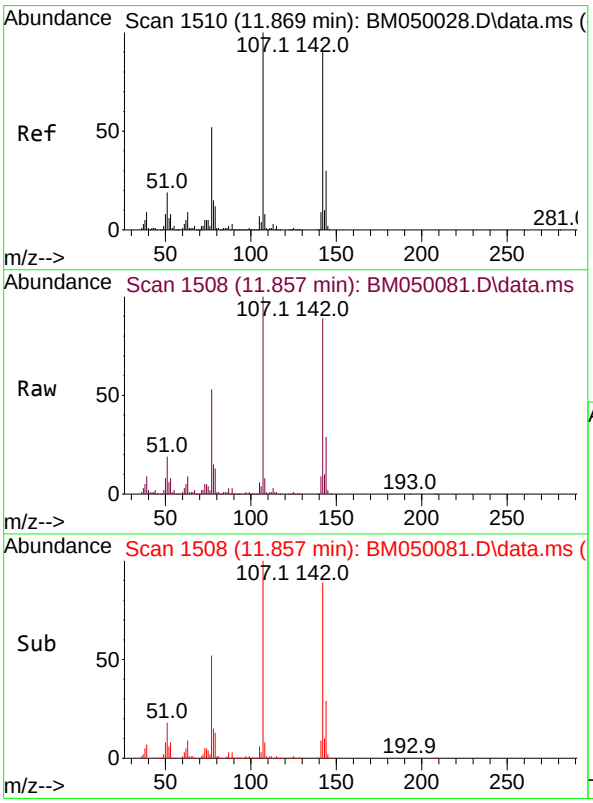
#35
Caprolactam
Concen: 41.029 ng
RT: 11.504 min Scan# 14
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:113 Resp: 169843

Ion	Ratio	Lower	Upper
113	100		
55	154.4	122.9	162.9
56	115.6	88.1	128.1

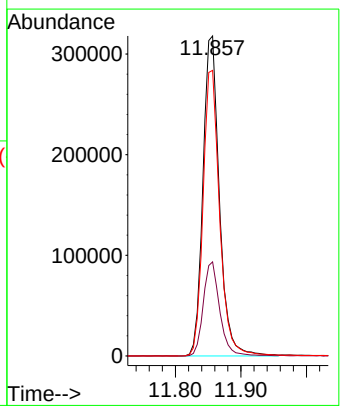


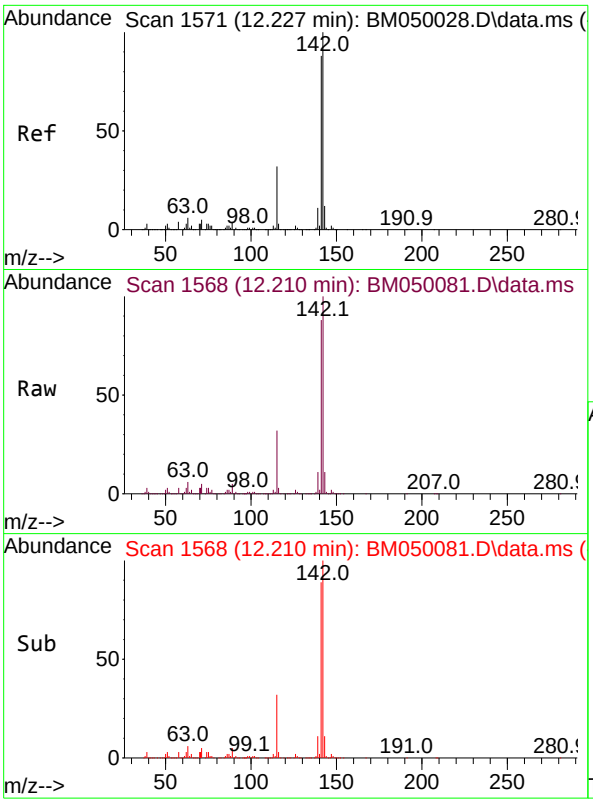


#36
4-Chloro-3-methylphenol
Concen: 42.366 ng
RT: 11.857 min Scan# 1508
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:107 Resp: 555694

Ion	Ratio	Lower	Upper
107	100		
144	29.4	23.8	35.6
142	89.2	71.9	107.9



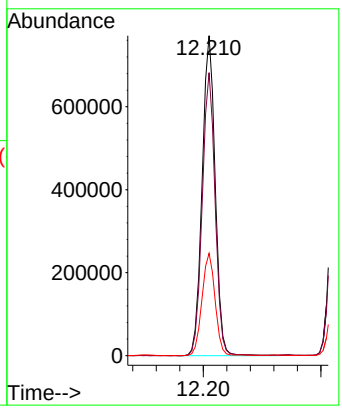


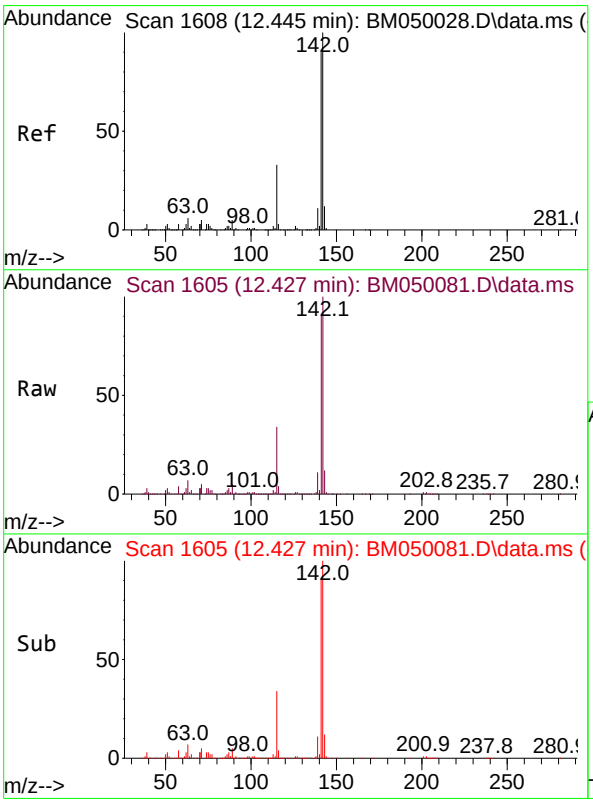
#37
2-Methylnaphthalene
Concen: 40.867 ng
RT: 12.210 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:142 Resp: 1182840

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.4	105.6
115	32.0	25.4	38.2

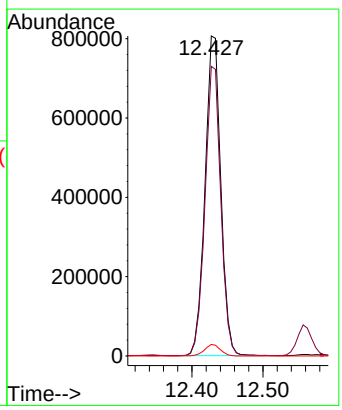


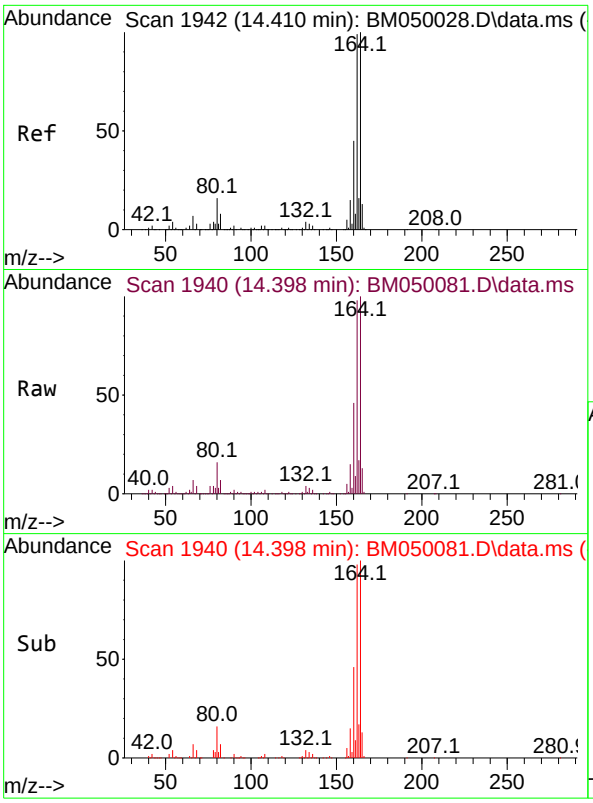


#38
1-Methylnaphthalene
Concen: 40.691 ng
RT: 12.427 min Scan# 1605
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:142 Resp: 1246383

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.1	108.1
116	3.6	2.7	4.1



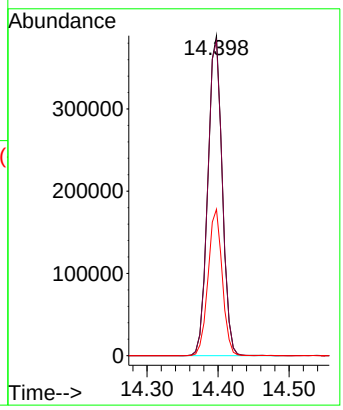


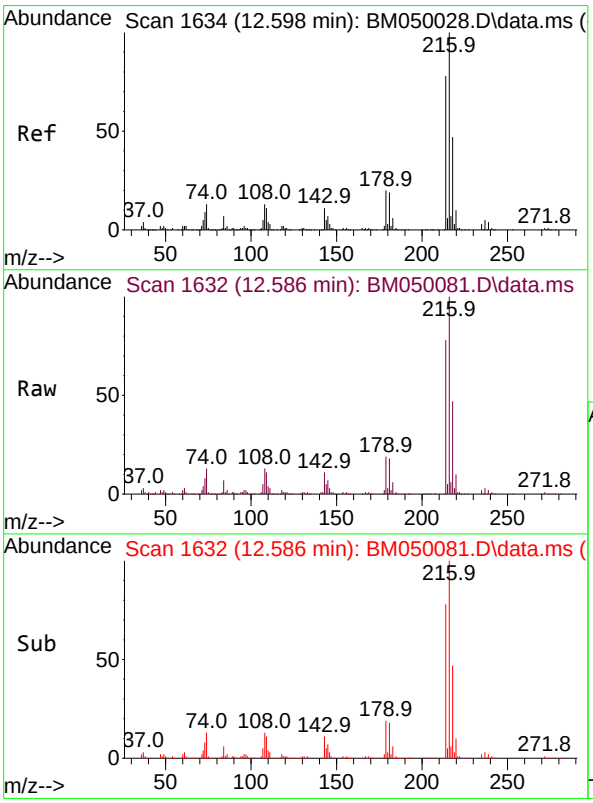
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:164 Resp: 546617

Ion	Ratio	Lower	Upper
164	100		
162	98.3	79.4	119.0
160	45.8	36.2	54.4

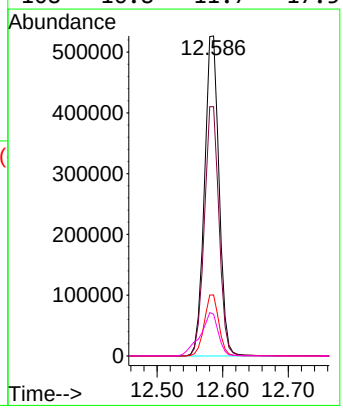


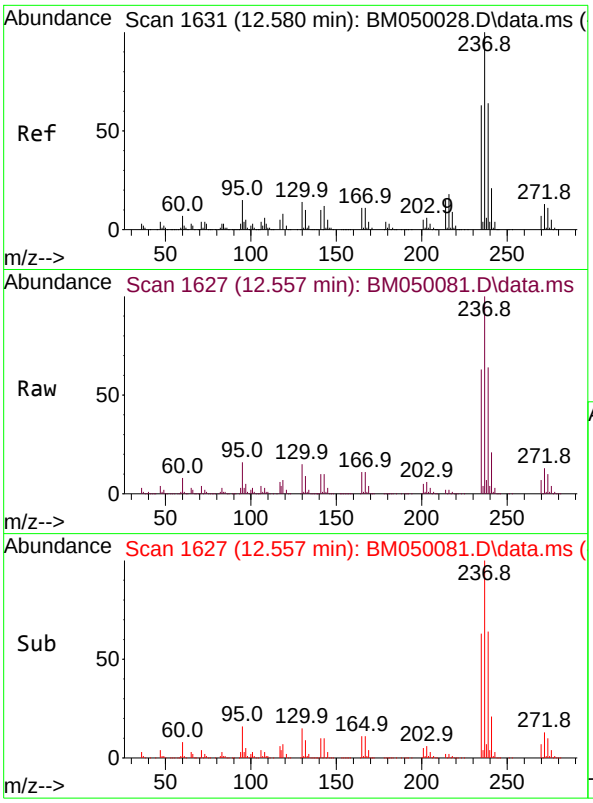


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.129 ng
RT: 12.586 min Scan# 1632
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:216 Resp: 816106

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.3	93.5
179	19.2	15.4	23.0
108	16.8	11.7	17.5



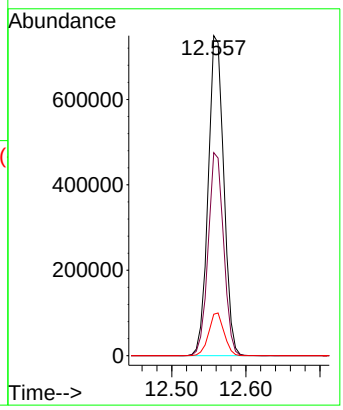


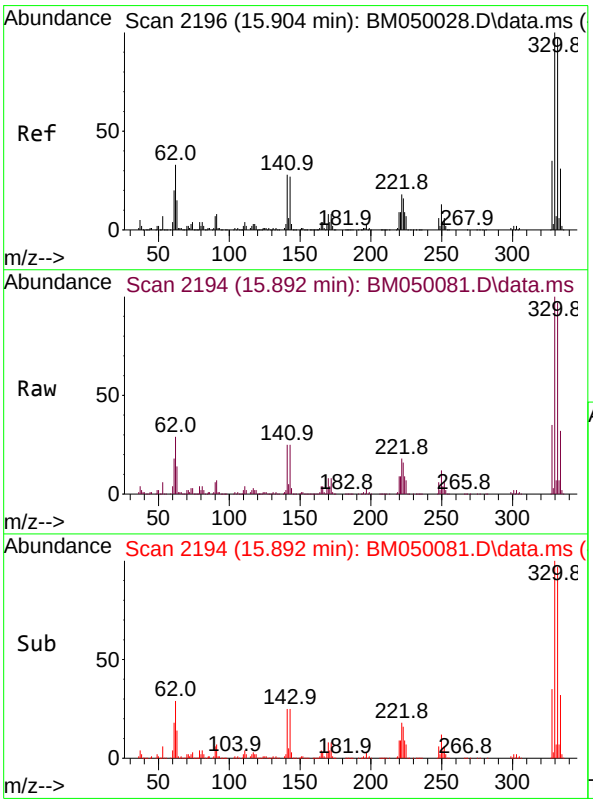
#41
Hexachlorocyclopentadiene
Concen: 94.488 ng
RT: 12.557 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:237 Resp: 1092645

Ion	Ratio	Lower	Upper
237	100		
235	63.4	42.9	82.9
272	13.0	0.0	32.9

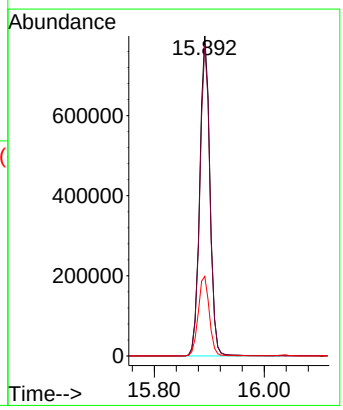


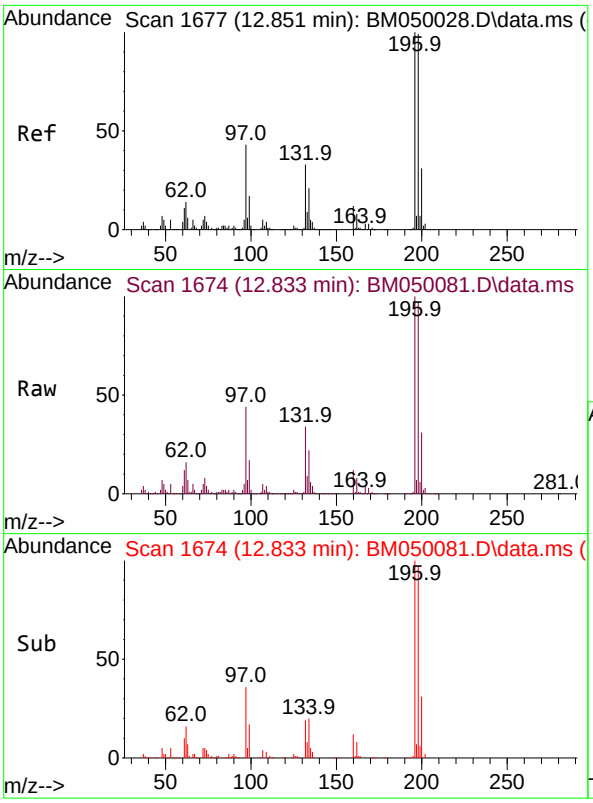


#42
2,4,6-Tribromophenol
Concen: 127.183 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:330 Resp: 1027949

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	27.0	22.5	33.7



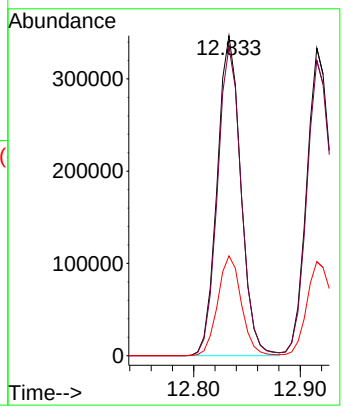


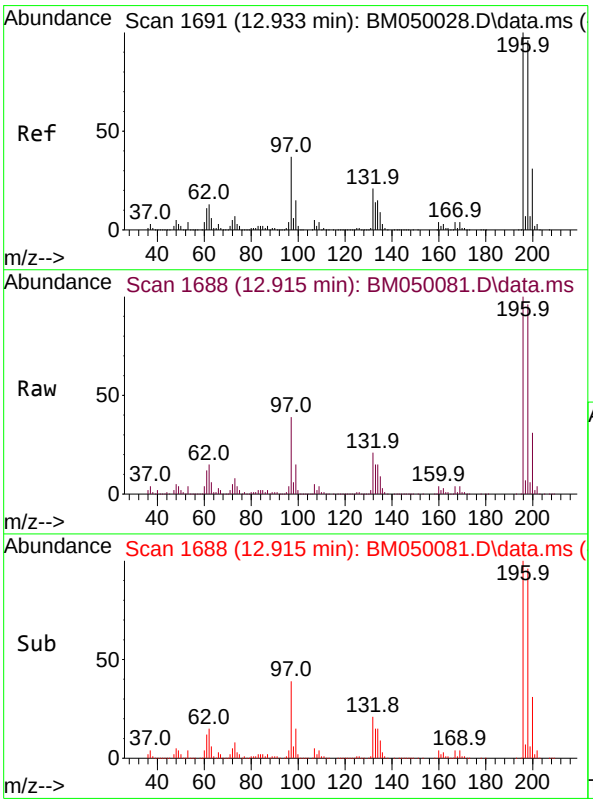
#43
2,4,6-Trichlorophenol
Concen: 44.541 ng
RT: 12.833 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:196 Resp: 534568

Ion	Ratio	Lower	Upper
196	100		
198	96.5	79.0	118.6
200	31.2	25.1	37.7

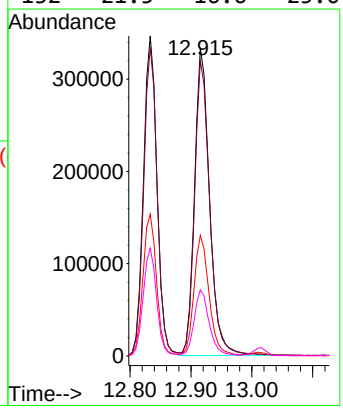


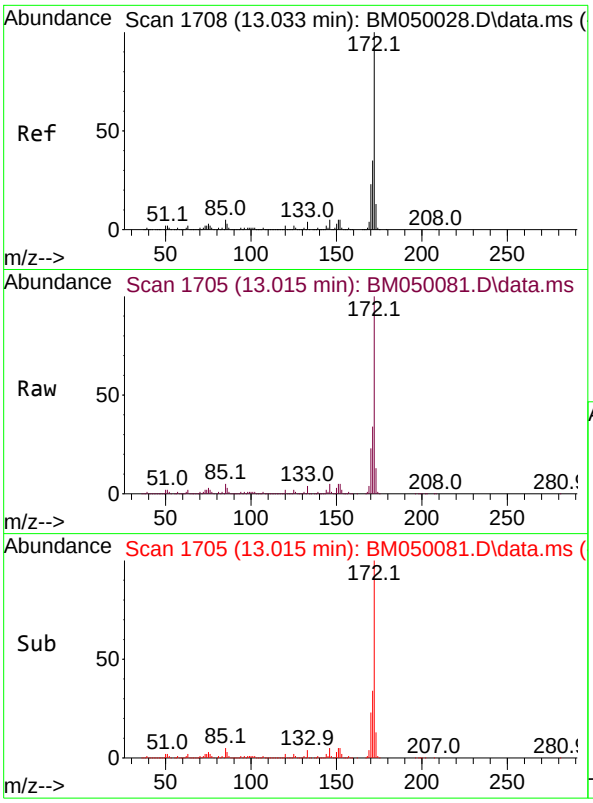


#44
2,4,5-Trichlorophenol
Concen: 44.257 ng
RT: 12.915 min Scan# 1688
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:196 Resp: 572778

Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.7	115.1
97	39.1	30.1	45.1
132	21.5	16.6	25.0



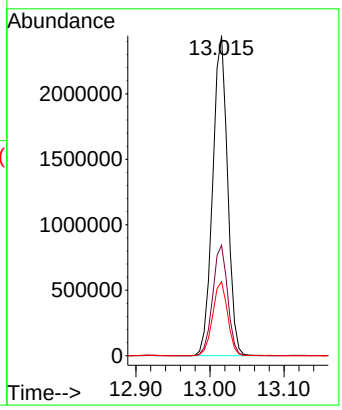


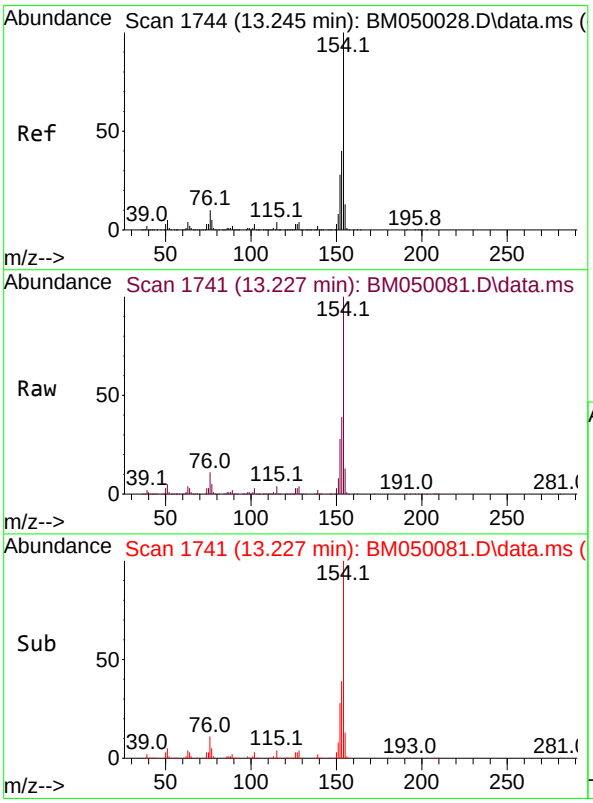
#45
2-Fluorobiphenyl
Concen: 73.726 ng
RT: 13.015 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:172 Resp: 3406612

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.6
170	23.1	18.6	28.0

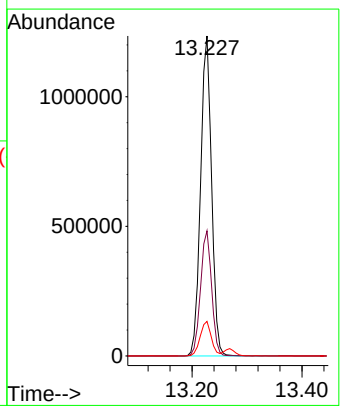


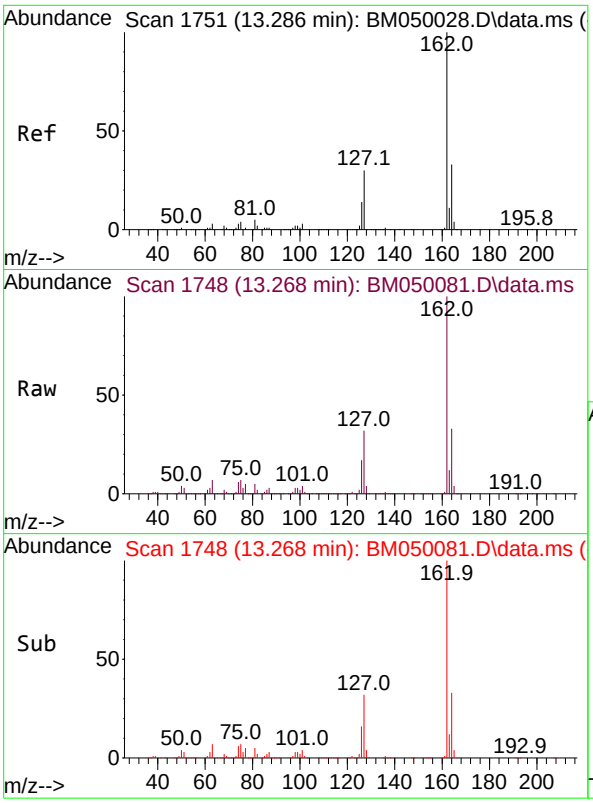


#46
1,1'-Biphenyl
Concen: 42.204 ng
RT: 13.227 min Scan# 1741
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:154 Resp: 1714850

Ion	Ratio	Lower	Upper
154	100		
153	39.1	20.0	60.0
76	10.8	0.0	30.3



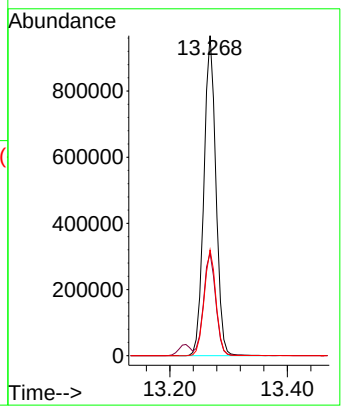


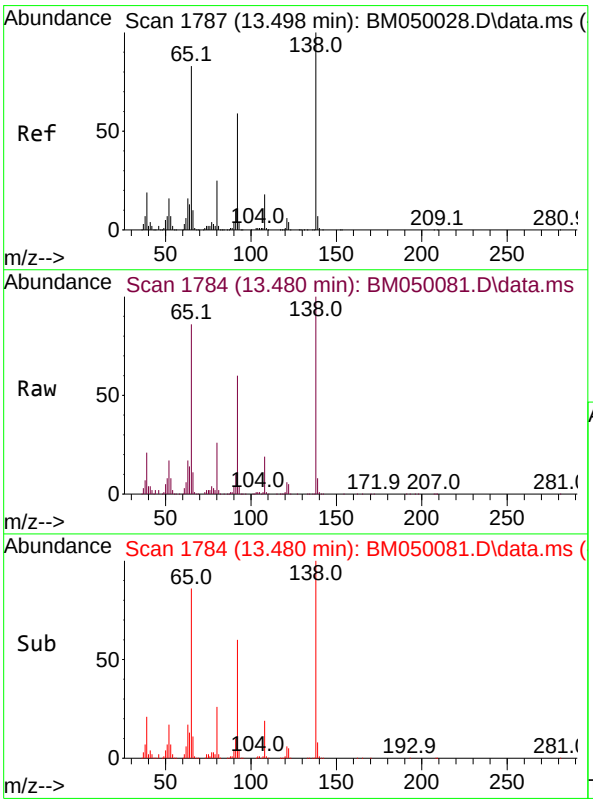
#47
2-Chloronaphthalene
Concen: 42.639 ng
RT: 13.268 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:162 Resp: 1372162

Ion	Ratio	Lower	Upper
162	100		
127	32.1	25.9	38.9
164	33.0	26.6	40.0

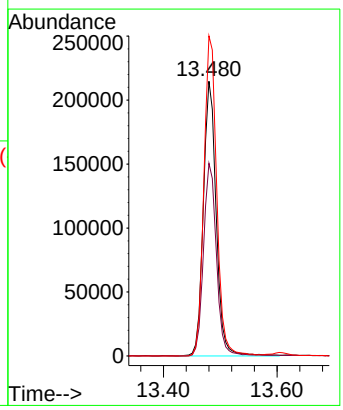


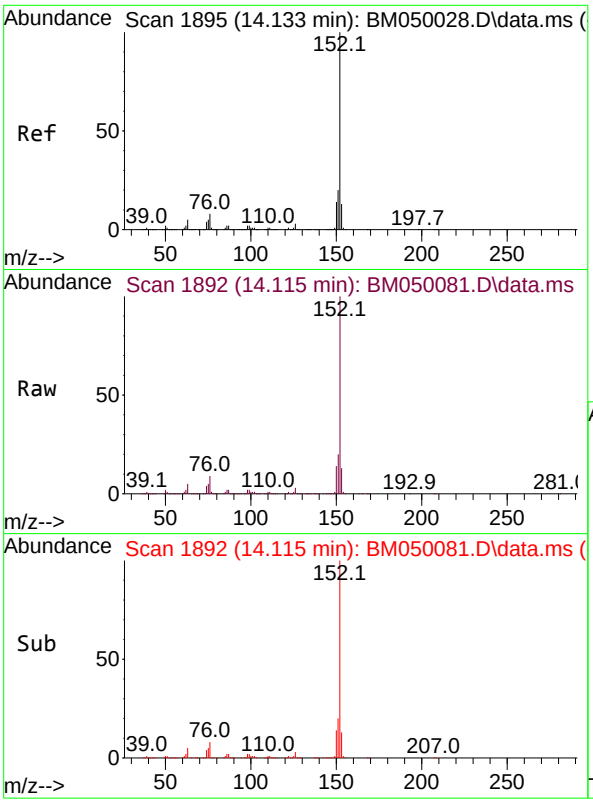


#48
2-Nitroaniline
Concen: 44.660 ng
RT: 13.480 min Scan# 1784
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion: 65 Resp: 337316

Ion	Ratio	Lower	Upper
65	100		
92	70.1	57.1	85.7
138	116.5	97.0	145.4



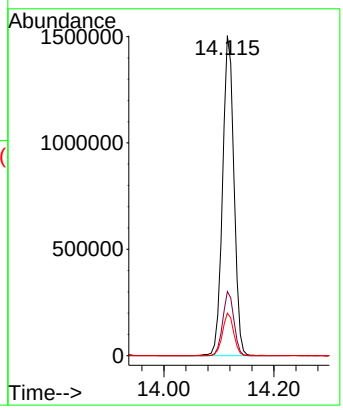


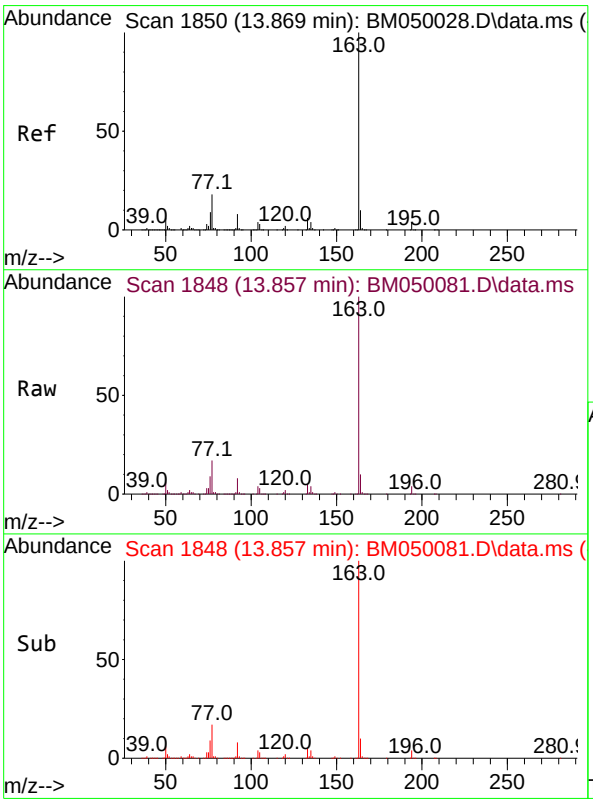
#49
Acenaphthylene
Concen: 42.462 ng
RT: 14.115 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:152 Resp: 2154517

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.3	10.6	15.8

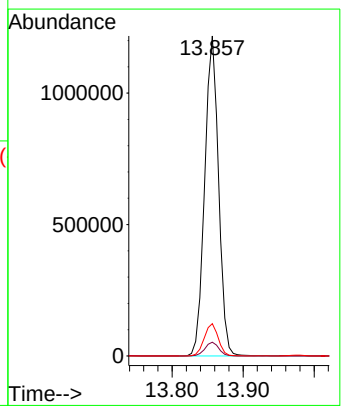


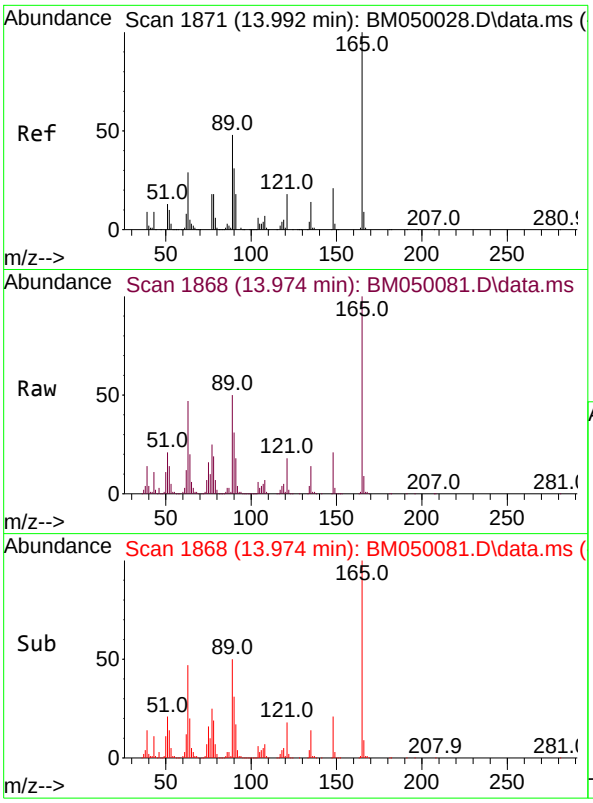


#50
Dimethylphthalate
Concen: 41.450 ng
RT: 13.857 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:163 Resp: 1655809

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.1	8.2	12.2



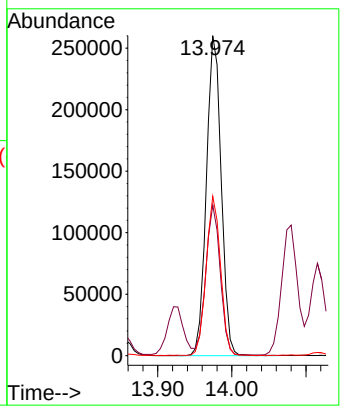


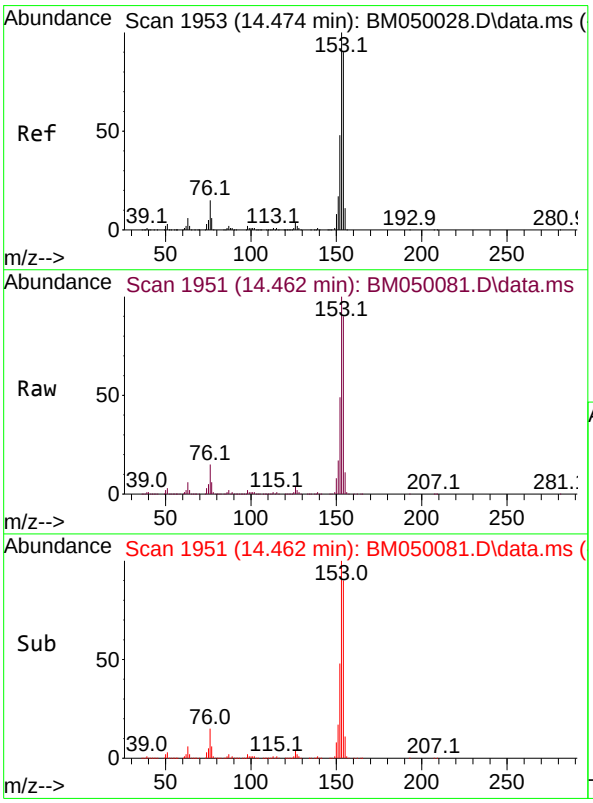
#51
2,6-Dinitrotoluene
Concen: 43.611 ng
RT: 13.974 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:165 Resp: 360700

Ion	Ratio	Lower	Upper
165	100		
63	47.1	35.1	52.7
89	49.8	38.4	57.6

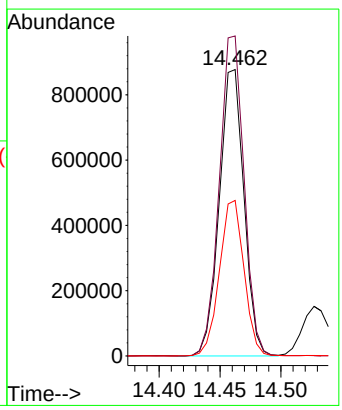


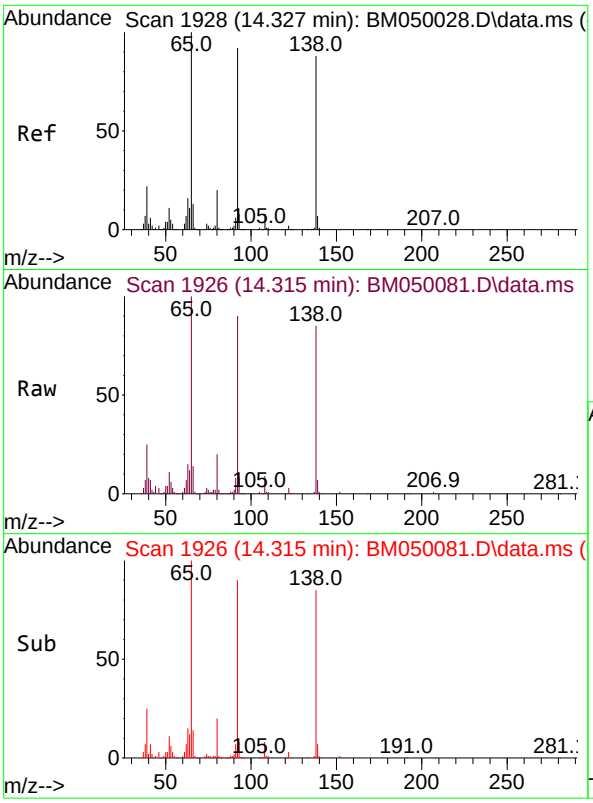


#52
Acenaphthene
Concen: 42.149 ng
RT: 14.462 min Scan# 1951
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:154 Resp: 1237912

Ion	Ratio	Lower	Upper
154	100		
153	111.7	89.0	133.4
152	54.3	43.0	64.6



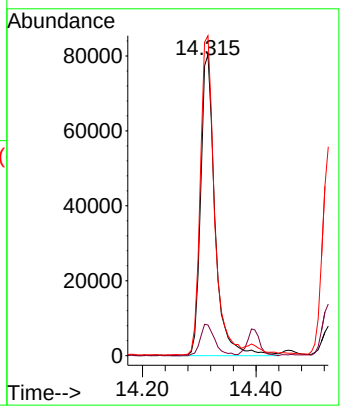


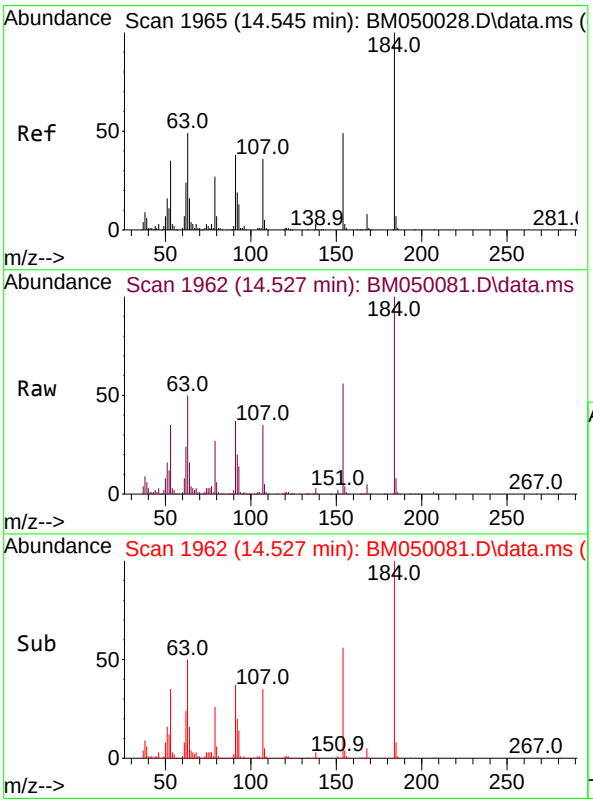
#53
3-Nitroaniline
Concen: 17.840 ng
RT: 14.315 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:138 Resp: 140875

Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.4	11.2
92	106.3	84.0	126.0

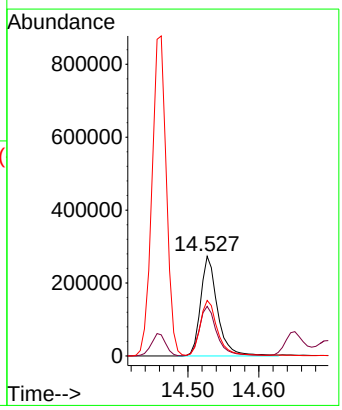


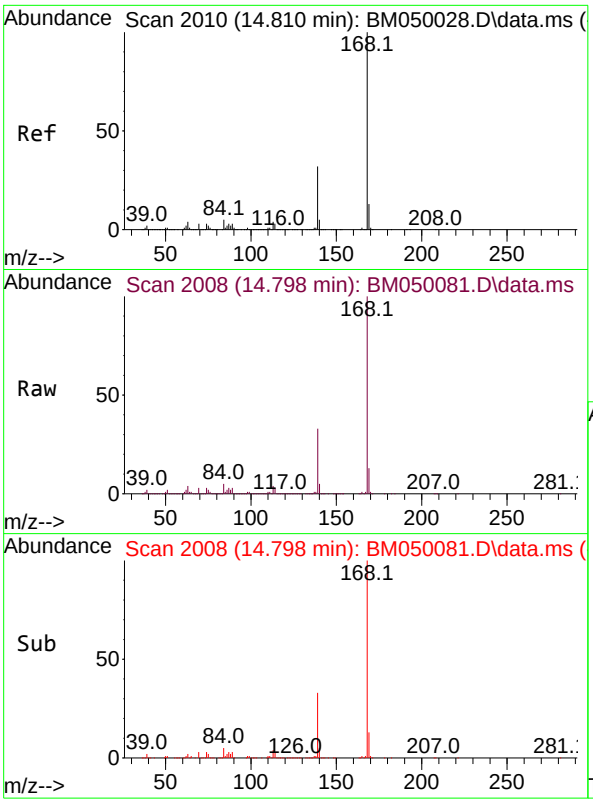


#54
2,4-Dinitrophenol
Concen: 85.127 ng
RT: 14.527 min Scan# 1962
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:184 Resp: 452687

Ion	Ratio	Lower	Upper
184	100		
63	49.7	39.8	59.6
154	55.6	46.1	69.1



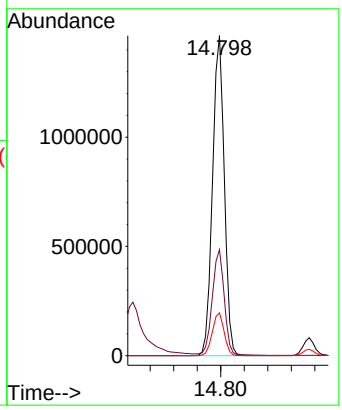


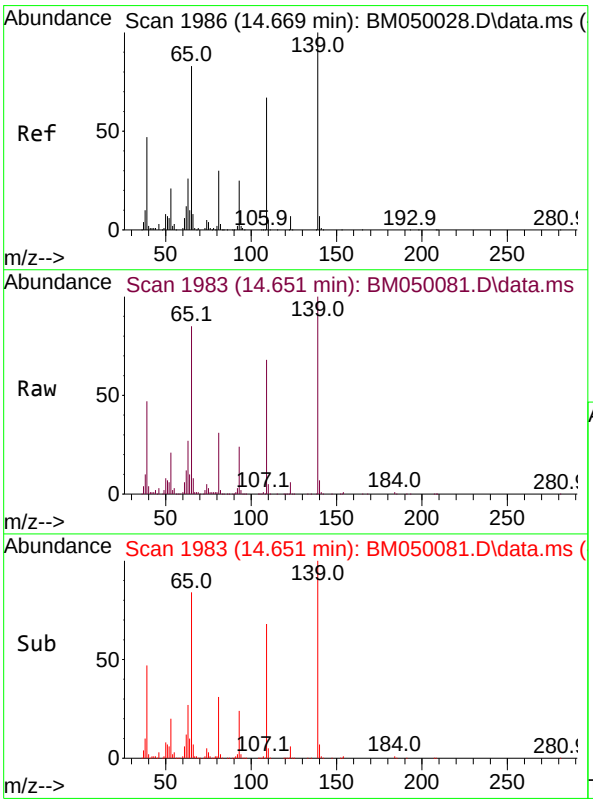
#55
Dibenzofuran
Concen: 41.663 ng
RT: 14.798 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:168 Resp: 2035860

Ion	Ratio	Lower	Upper
168	100		
139	33.2	26.1	39.1
169	13.4	10.8	16.2

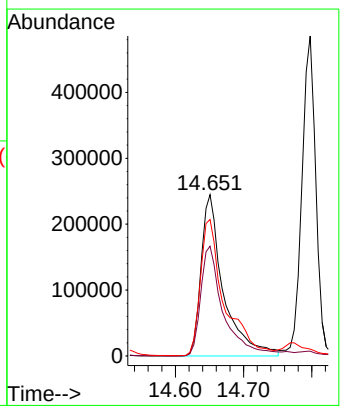


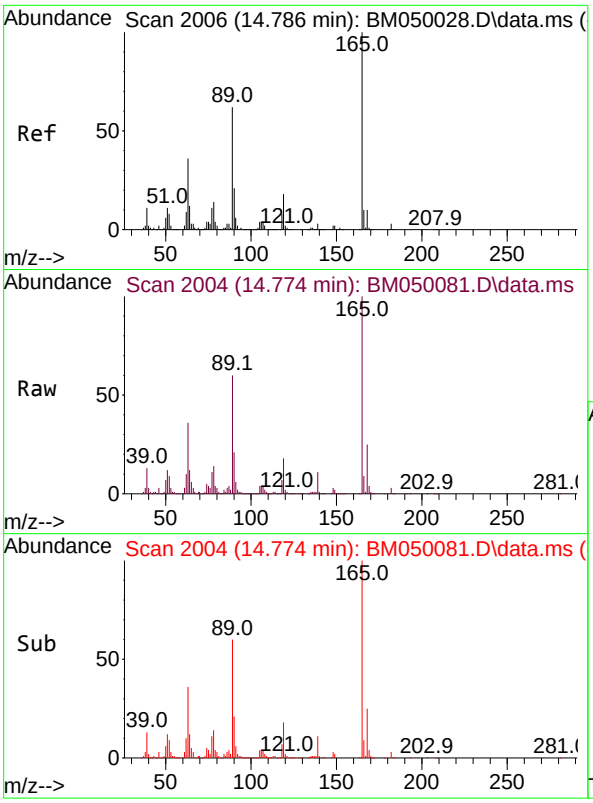


#56
4-Nitrophenol
Concen: 86.298 ng
RT: 14.651 min Scan# 1983
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:139 Resp: 556814

Ion	Ratio	Lower	Upper
139	100		
109	68.1	47.0	87.0
65	84.6	64.3	104.3



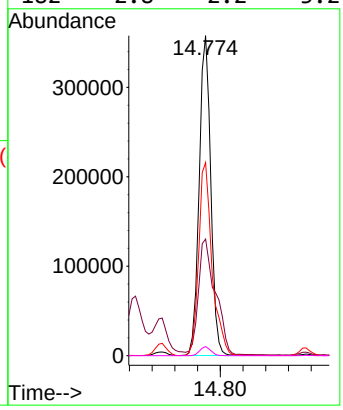


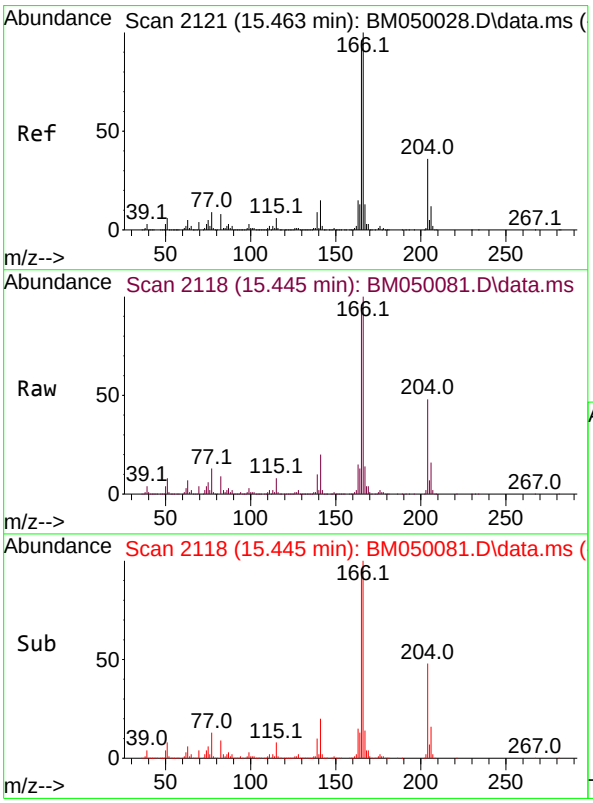
#57
2,4-Dinitrotoluene
Concen: 44.321 ng
RT: 14.774 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:165 Resp: 506537

Ion	Ratio	Lower	Upper
165	100		
63	36.5	29.0	43.6
89	60.3	49.4	74.2
182	2.8	2.2	3.2

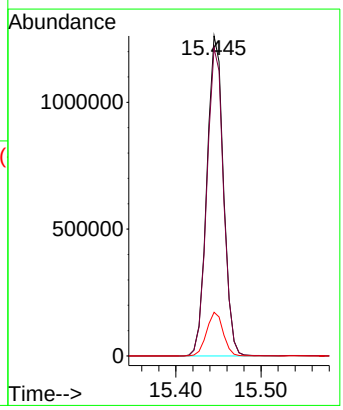


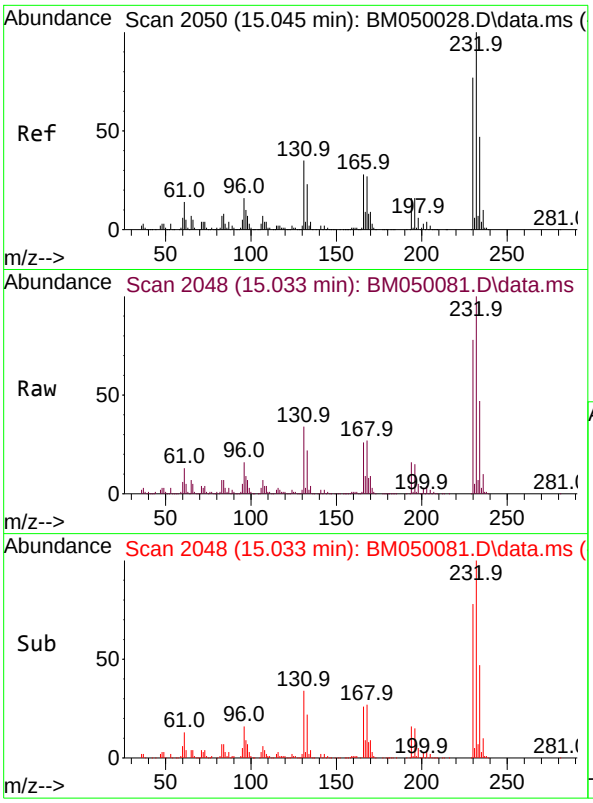


#58
Fluorene
Concen: 42.574 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:166 Resp: 1702863

Ion	Ratio	Lower	Upper
166	100		
165	96.2	76.6	115.0
167	13.6	10.6	16.0



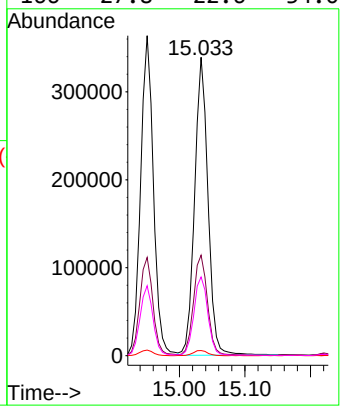


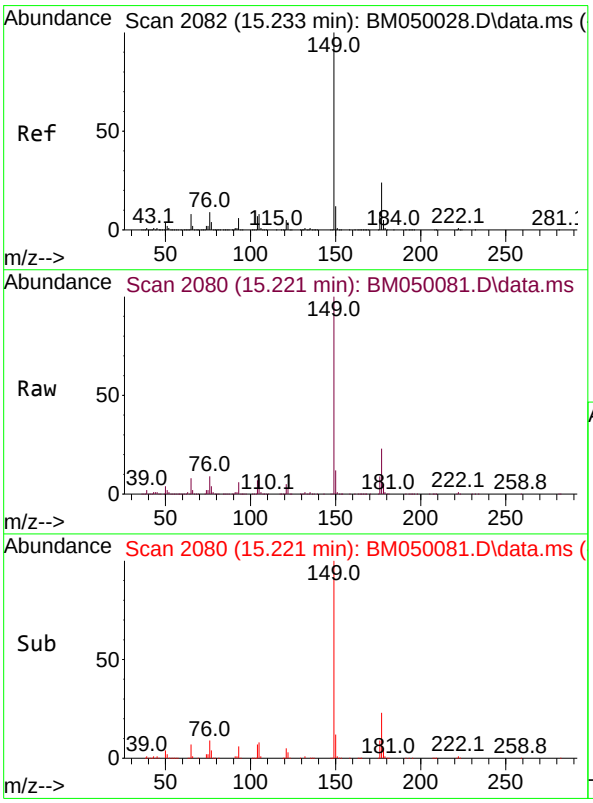
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.923 ng
RT: 15.033 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:232 Resp: 480862

Ion	Ratio	Lower	Upper
232	100		
131	35.2	28.2	42.4
130	1.9	1.5	2.3
166	27.8	22.6	34.0

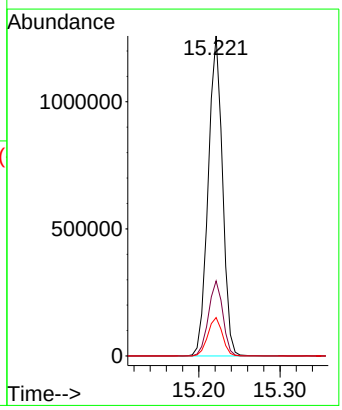


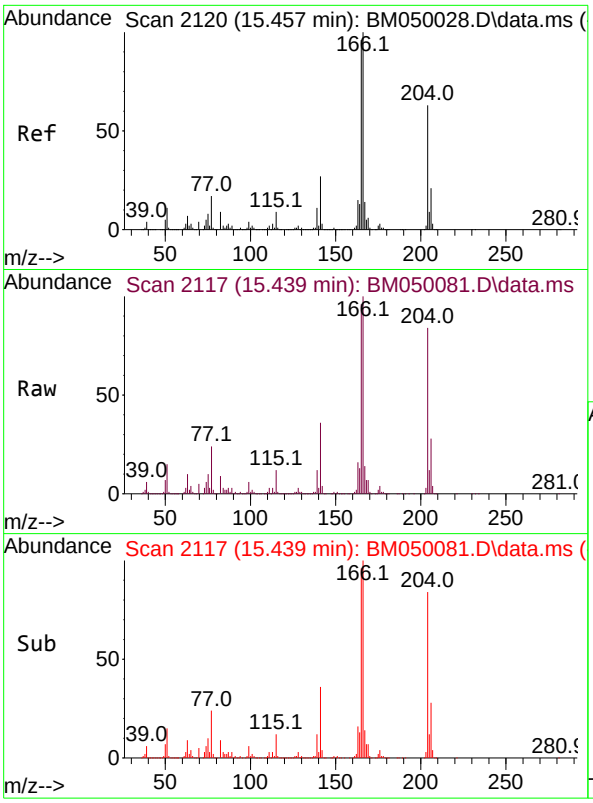


#60
Diethylphthalate
Concen: 40.759 ng
RT: 15.221 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:149 Resp: 1534231

Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.1	28.7
150	12.0	9.6	14.4



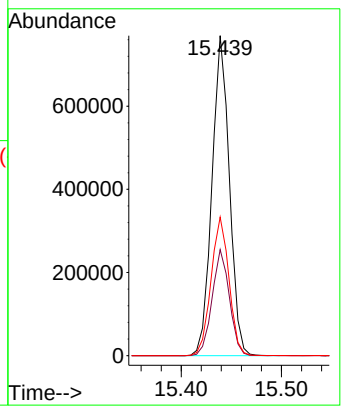


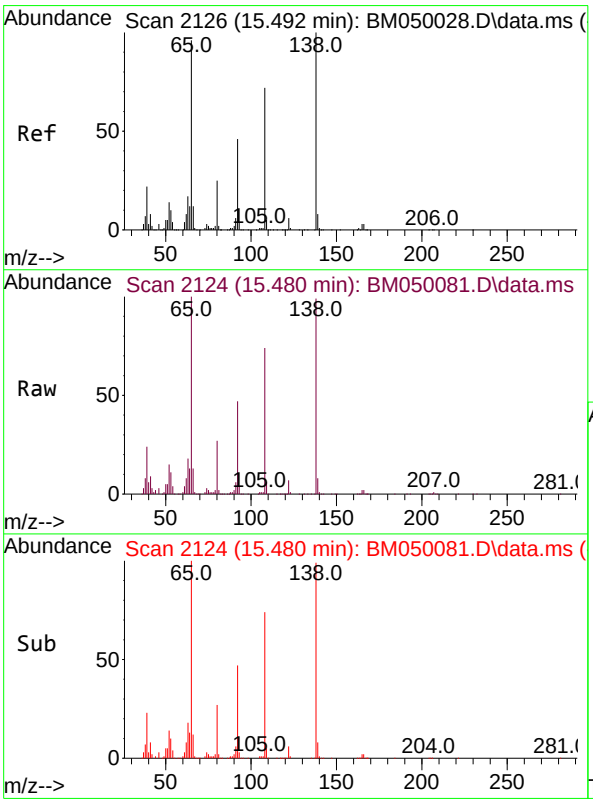
#61
4-Chlorophenyl-phenylether
Concen: 42.269 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:204 Resp: 928613

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.3	39.5
141	43.3	34.0	51.0

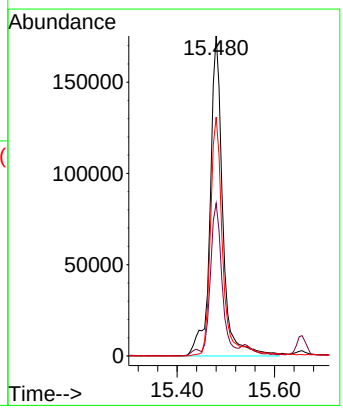


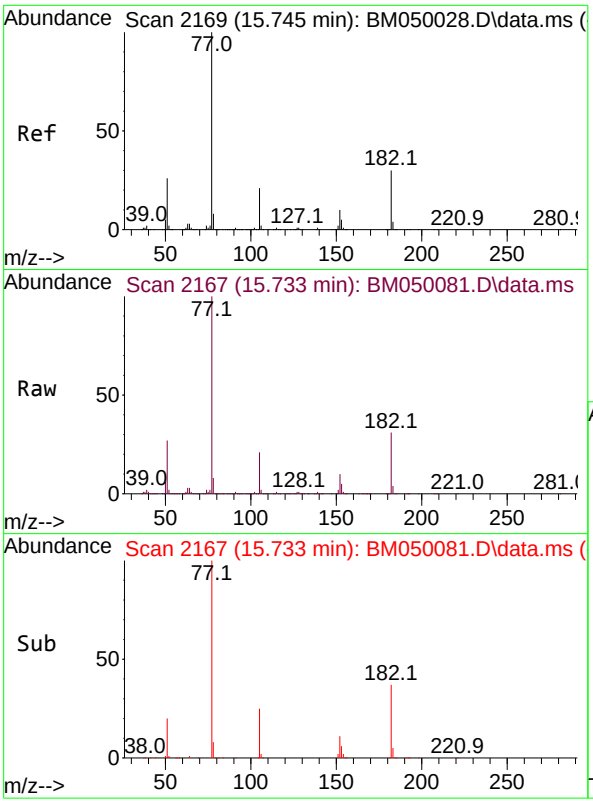


#62
4-Nitroaniline
Concen: 41.407 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:138 Resp: 315457

Ion	Ratio	Lower	Upper
138	100		
92	47.7	25.9	65.9
108	74.7	52.4	92.4



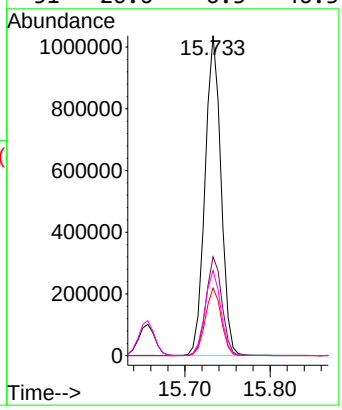


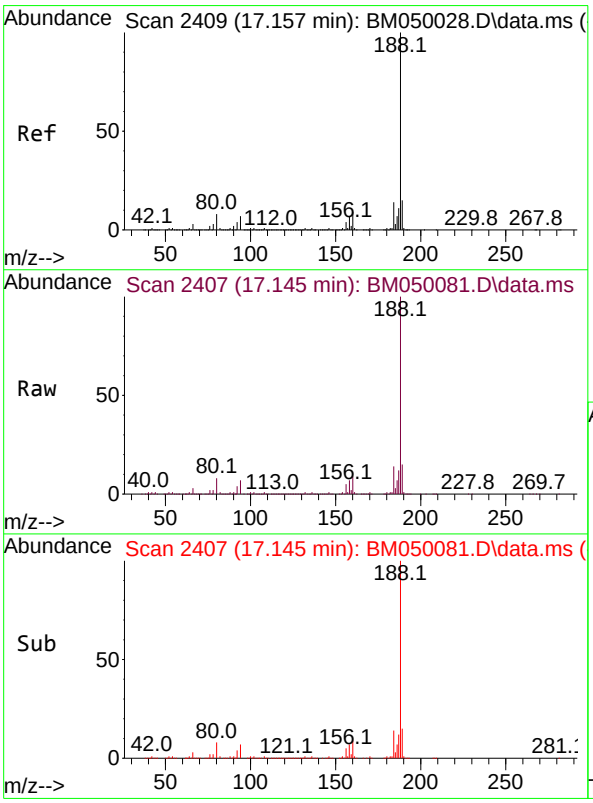
#63
Azobenzene
Concen: 42.627 ng
RT: 15.733 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion: 77 Resp: 1344729

Ion	Ratio	Lower	Upper
77	100		
182	30.9	10.5	50.5
105	21.1	1.1	41.1
51	26.6	6.3	46.3

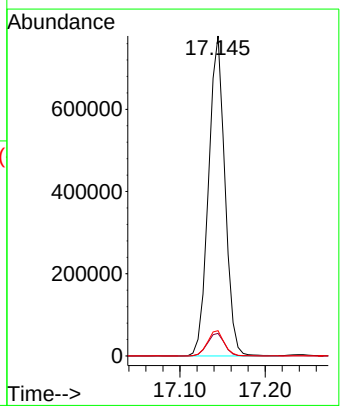


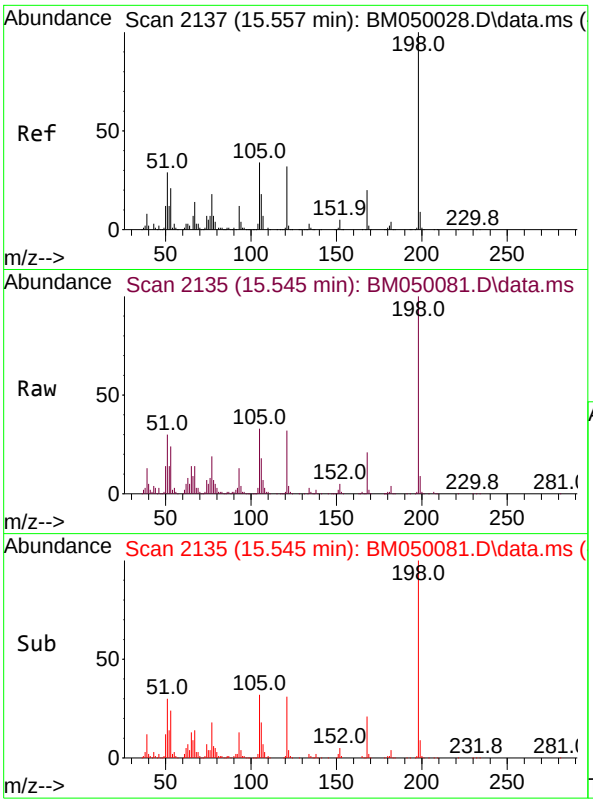


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:188 Resp: 1041831

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	7.9	6.2	9.4



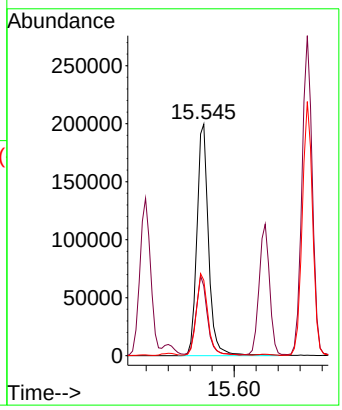


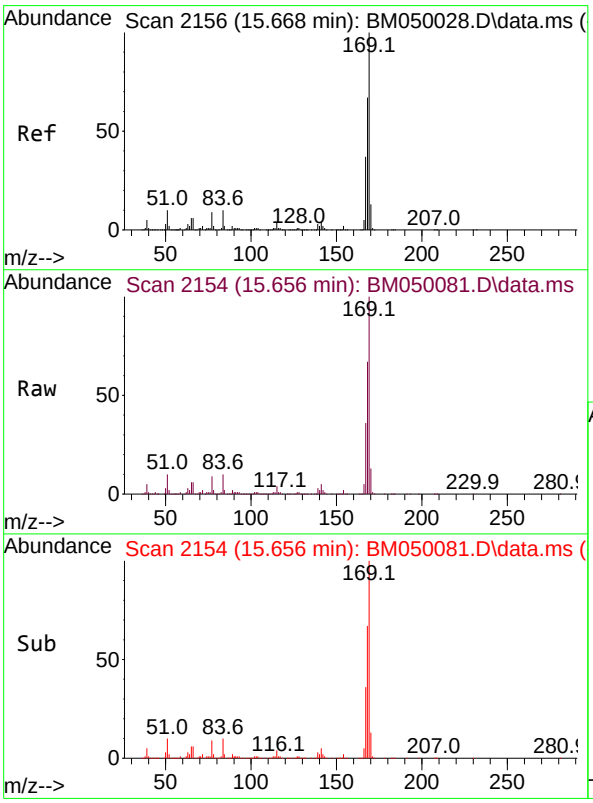
#65
4,6-Dinitro-2-methylphenol
Concen: 44.993 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:198 Resp: 293420

Ion	Ratio	Lower	Upper
198	100		
51	30.1	10.4	50.4
105	32.5	14.6	54.6

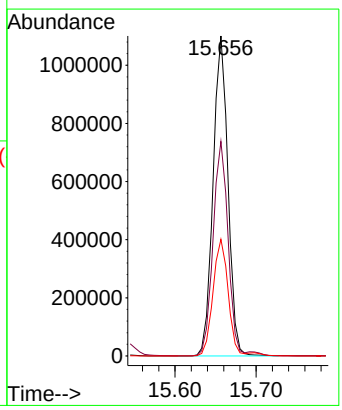


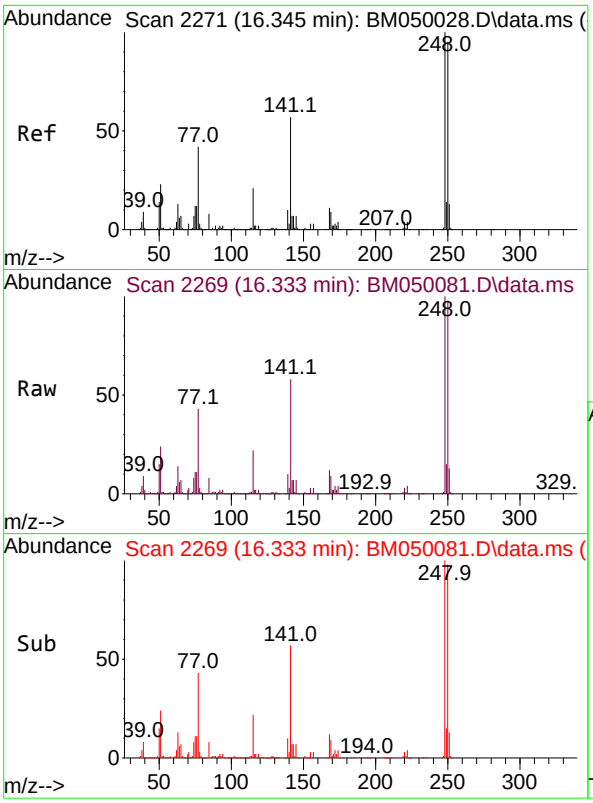


#66
n-Nitrosodiphenylamine
Concen: 43.823 ng
RT: 15.656 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:169 Resp: 1401982

Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.4	80.2
167	36.4	29.4	44.0



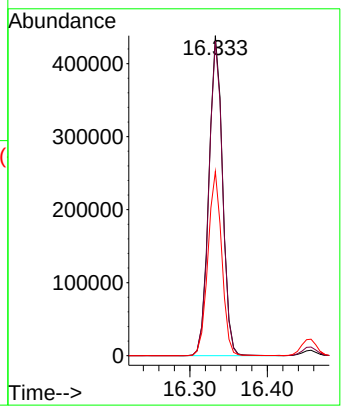


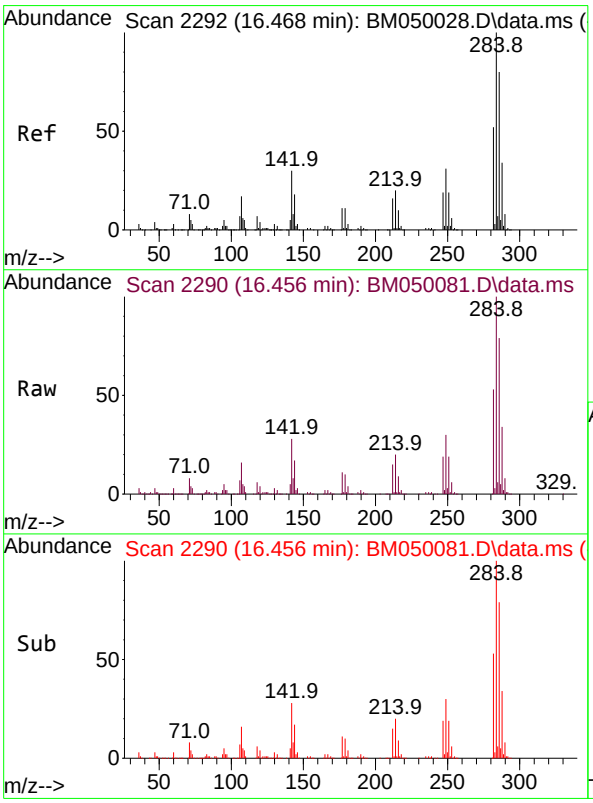
#67
4-Bromophenyl-phenylether
Concen: 42.653 ng
RT: 16.333 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:248 Resp: 537365

Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.2	114.2
141	57.5	45.9	68.9

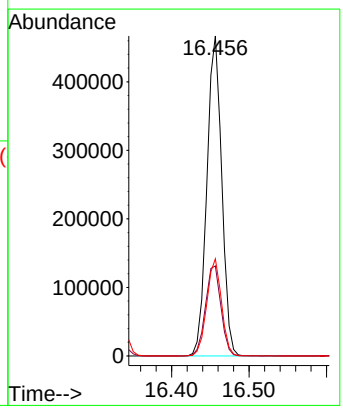


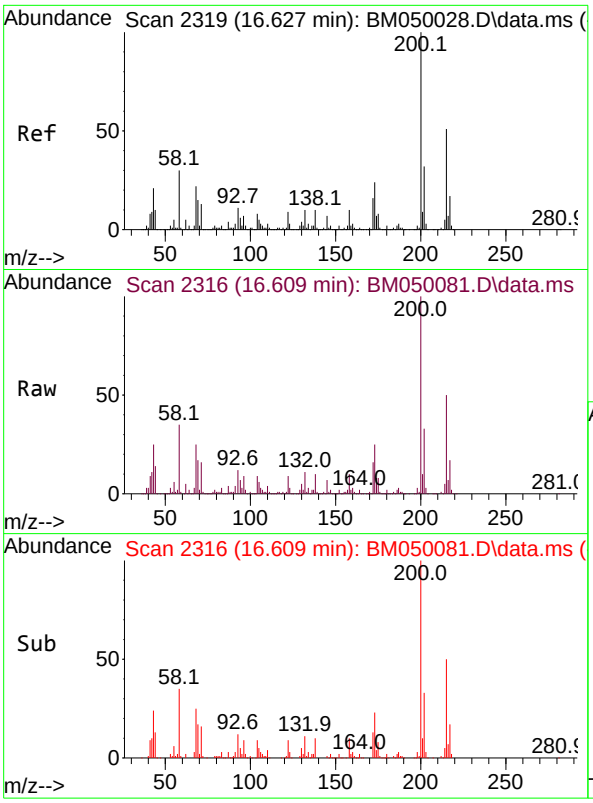


#68
Hexachlorobenzene
Concen: 42.697 ng
RT: 16.456 min Scan# 2290
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:284 Resp: 620070

Ion	Ratio	Lower	Upper
284	100		
142	28.1	23.9	35.9
249	30.4	24.5	36.7



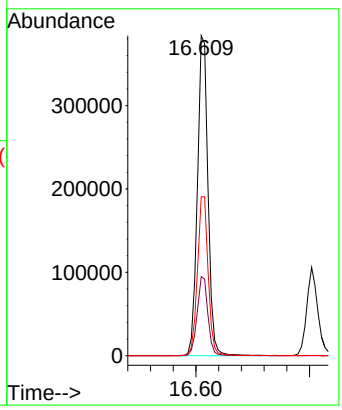


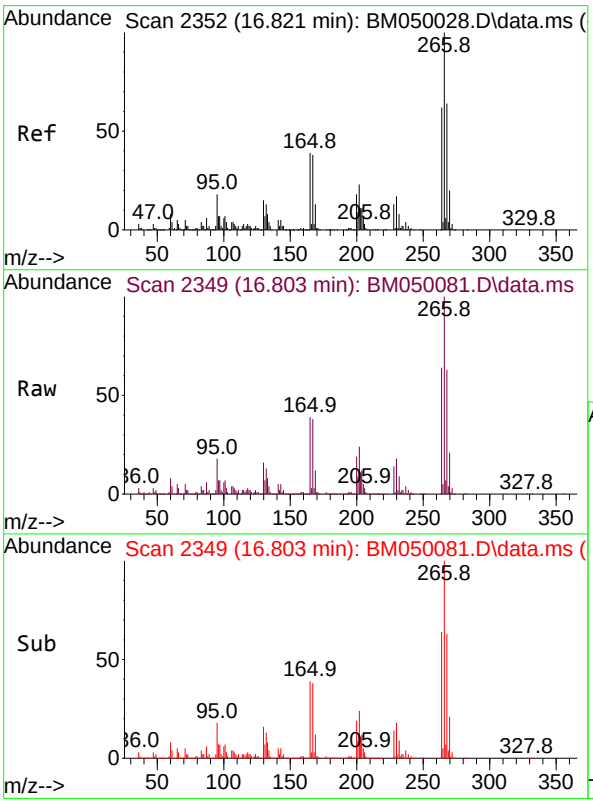
#69
Atrazine
Concen: 43.305 ng
RT: 16.609 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:200 Resp: 499731

Ion	Ratio	Lower	Upper
200	100		
173	24.7	4.3	44.3
215	49.6	30.6	70.6

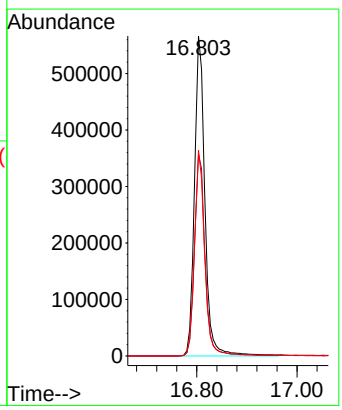


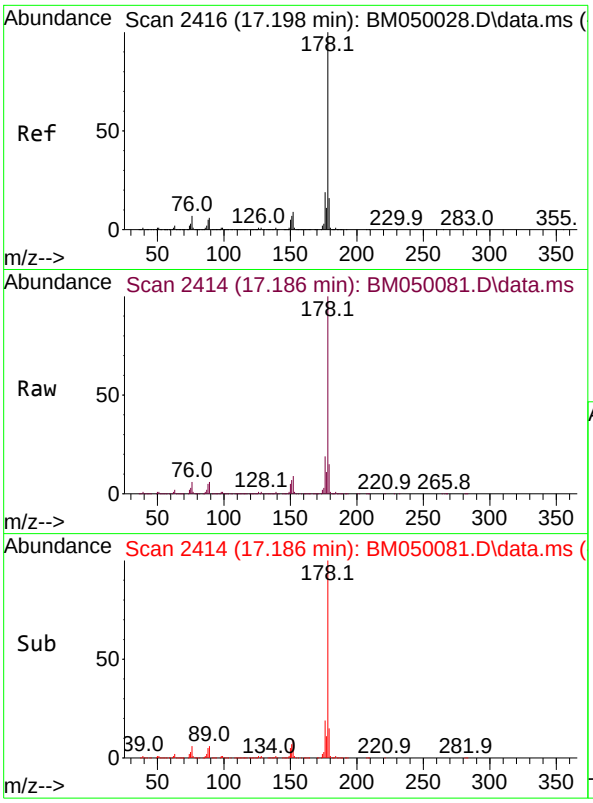


#70
Pentachlorophenol
Concen: 99.731 ng
RT: 16.803 min Scan# 2349
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:266 Resp: 815255

Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.2	76.8
264	64.2	49.6	74.4



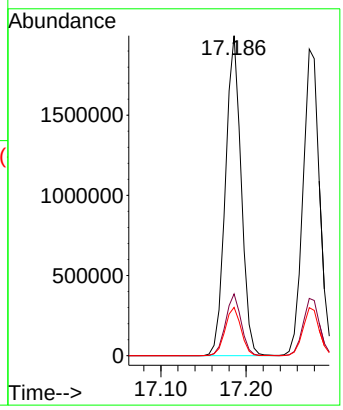


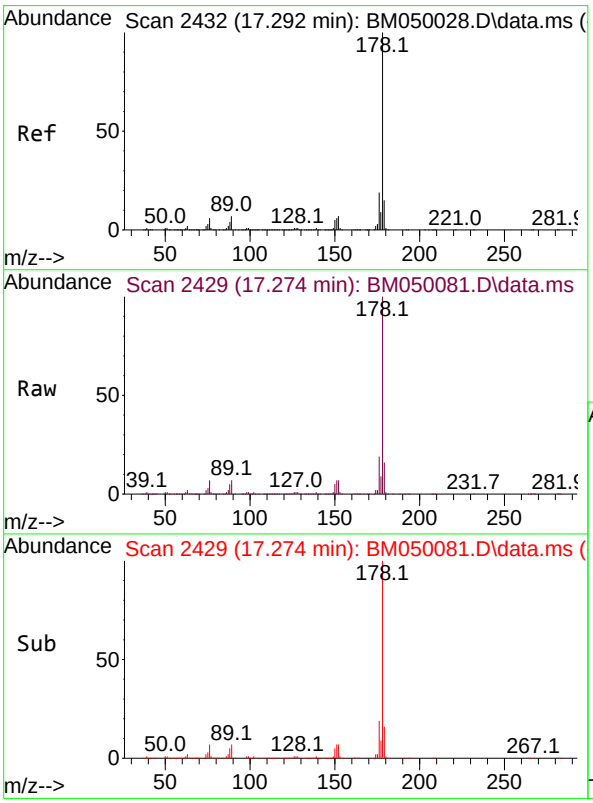
#71
Phenanthrene
Concen: 43.405 ng
RT: 17.186 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:178 Resp: 2550491

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.1	12.4	18.6

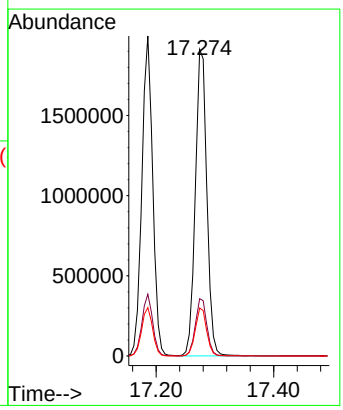


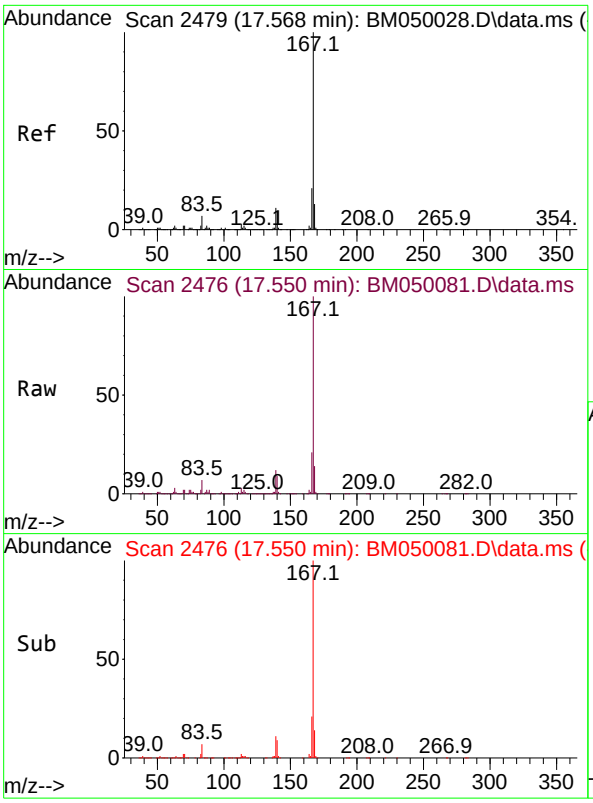


#72
Anthracene
Concen: 43.664 ng
RT: 17.274 min Scan# 2429
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:178 Resp: 2596482

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.6	12.2	18.4



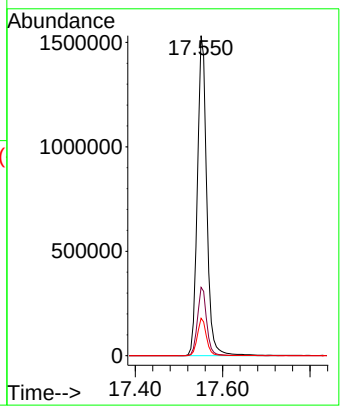


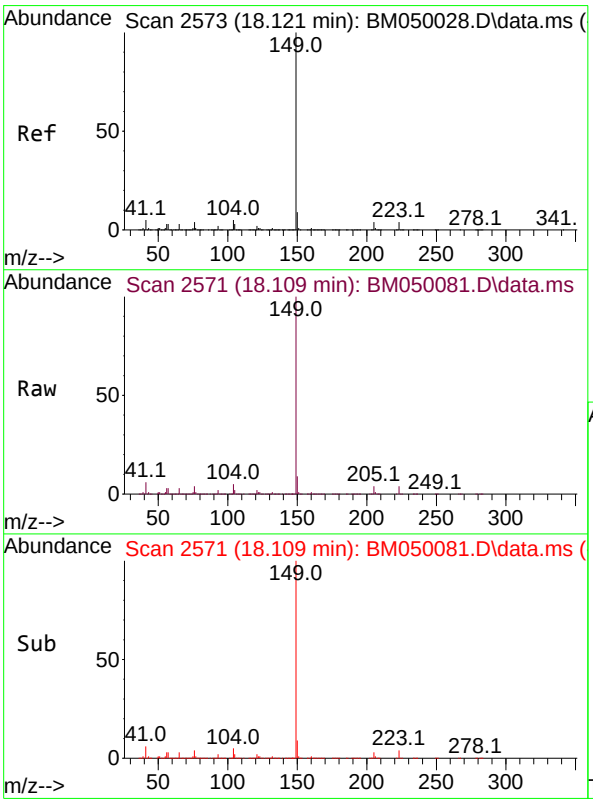
#73
Carbazole
Concen: 44.221 ng
RT: 17.550 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:167 Resp: 2281814

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	11.7	9.0	13.6

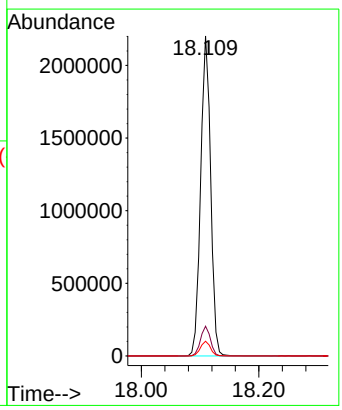


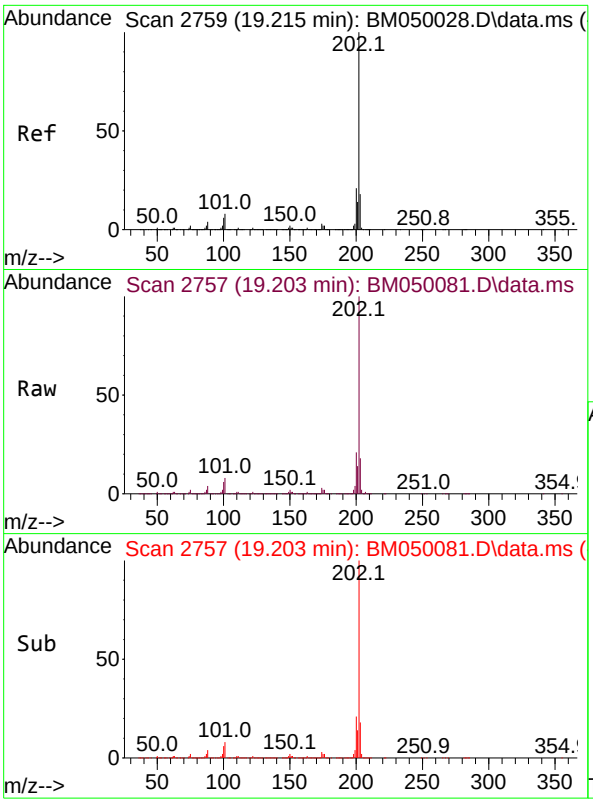


#74
Di-n-butylphthalate
Concen: 42.116 ng
RT: 18.109 min Scan# 2571
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:149 Resp: 2588026

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.6	3.8	5.6



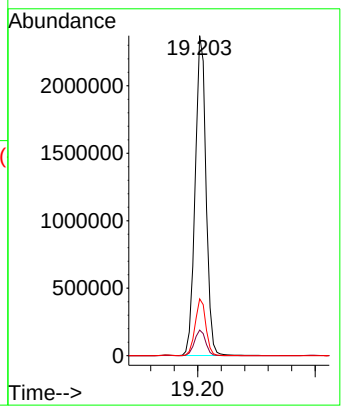


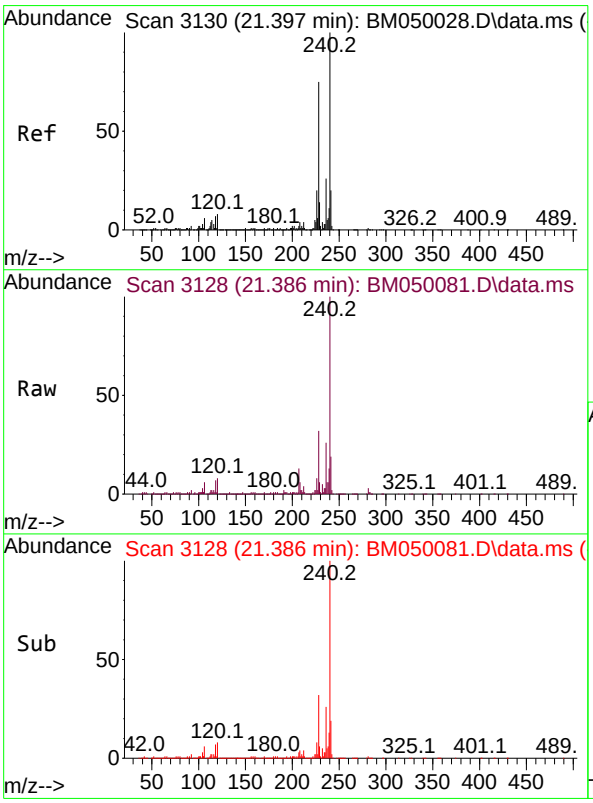
#75
Fluoranthene
Concen: 43.882 ng
RT: 19.203 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:202 Resp: 3027358

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	28.0
203	17.7	0.0	37.7

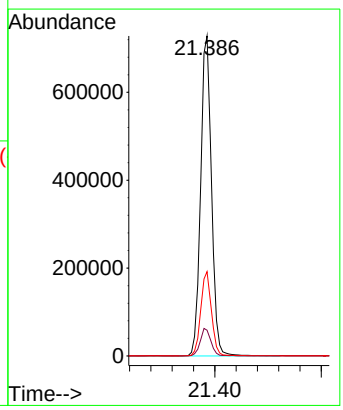


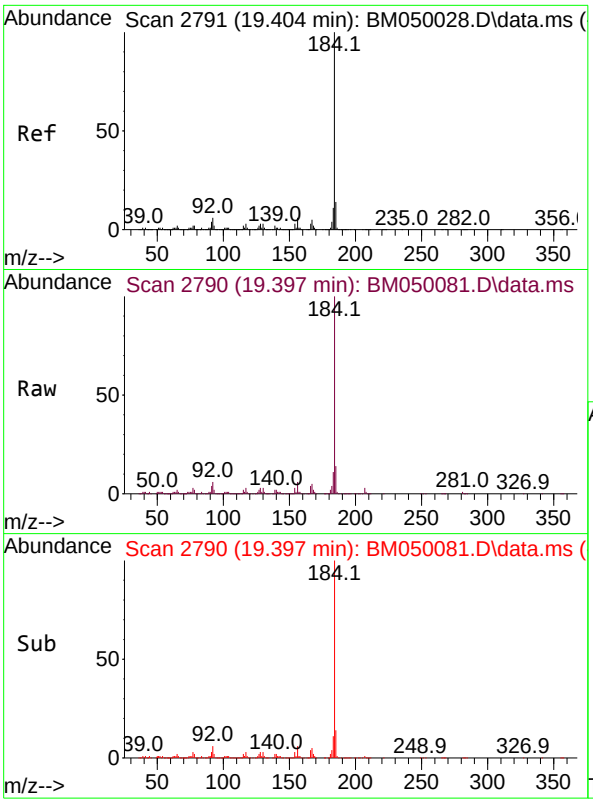


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:240 Resp: 1028150

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.5	9.7
236	26.4	20.9	31.3



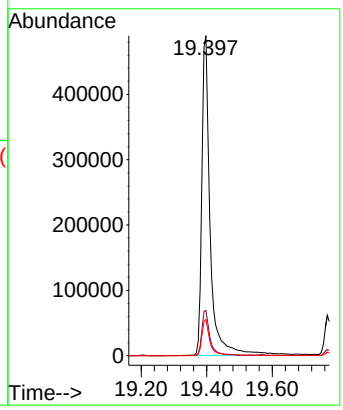


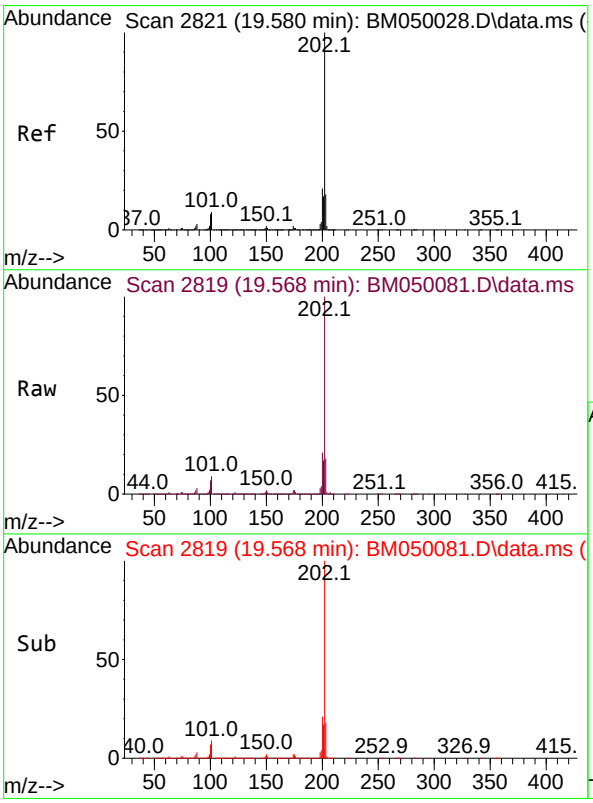
#77
Benzidine
Concen: 23.946 ng
RT: 19.397 min Scan# 2
Delta R.T. -0.007 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:184 Resp: 874516

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.5	17.3
183	11.3	8.9	13.3

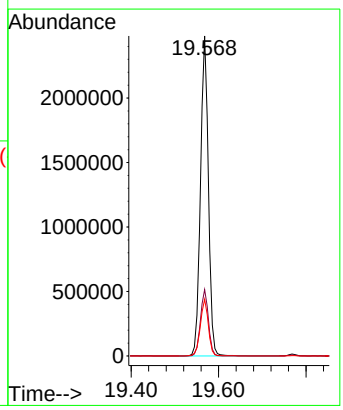


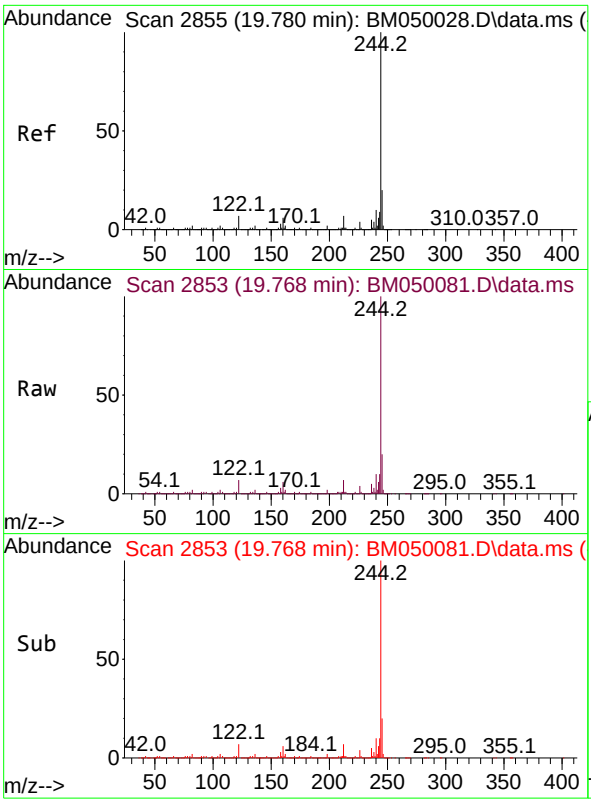


#78
Pyrene
Concen: 43.175 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:202 Resp: 3117233

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.7	14.1	21.1



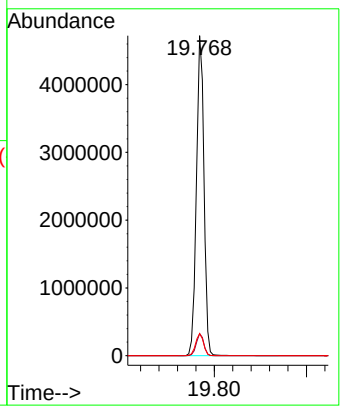


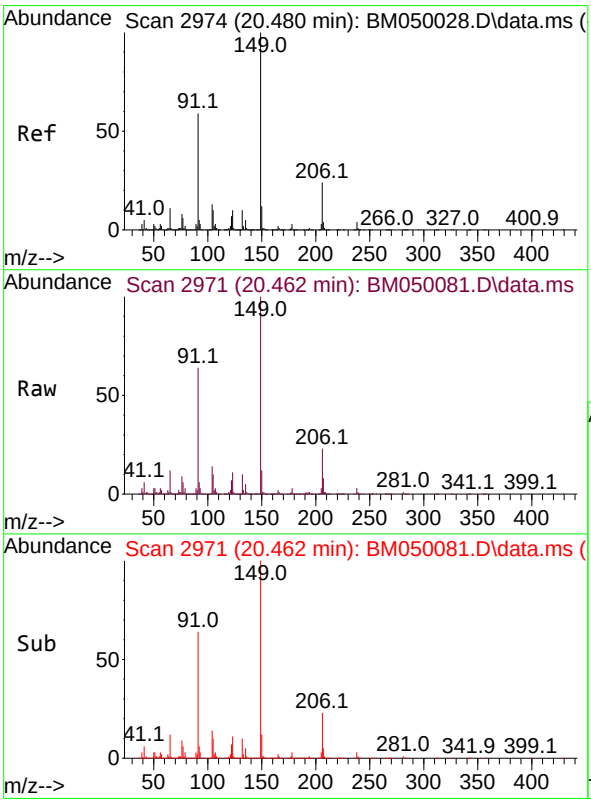
#79
Terphenyl-d14
Concen: 76.944 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:244 Resp: 5346201

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	6.9	5.6	8.4

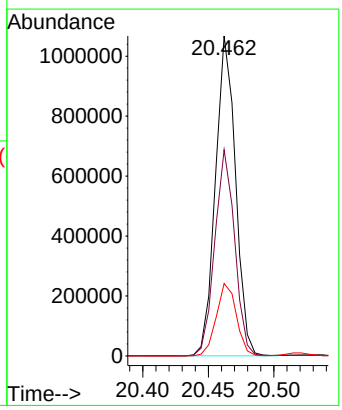


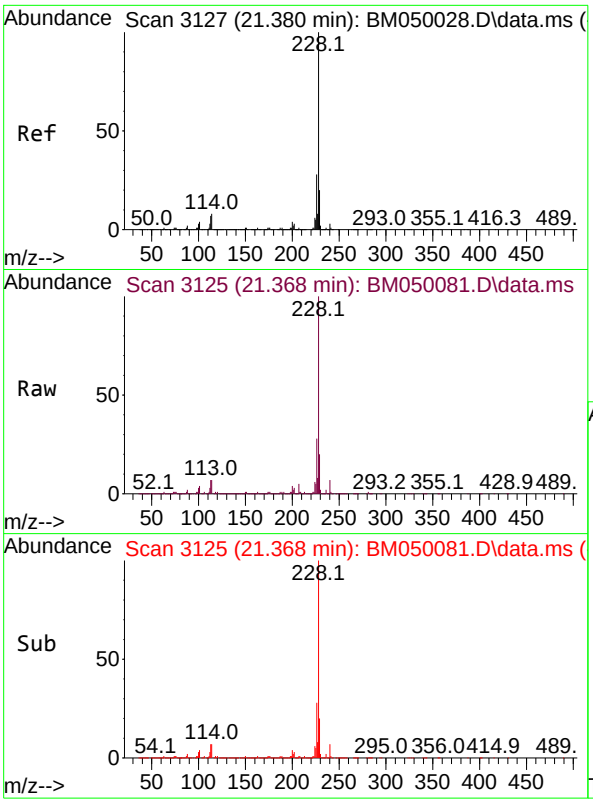


#80
Butylbenzylphthalate
Concen: 42.009 ng
RT: 20.462 min Scan# 2971
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:149 Resp: 1135997

Ion	Ratio	Lower	Upper
149	100		
91	64.5	47.4	71.2
206	22.6	19.4	29.0



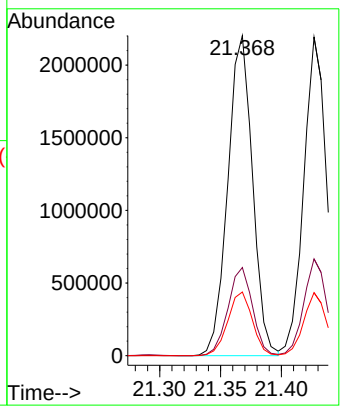


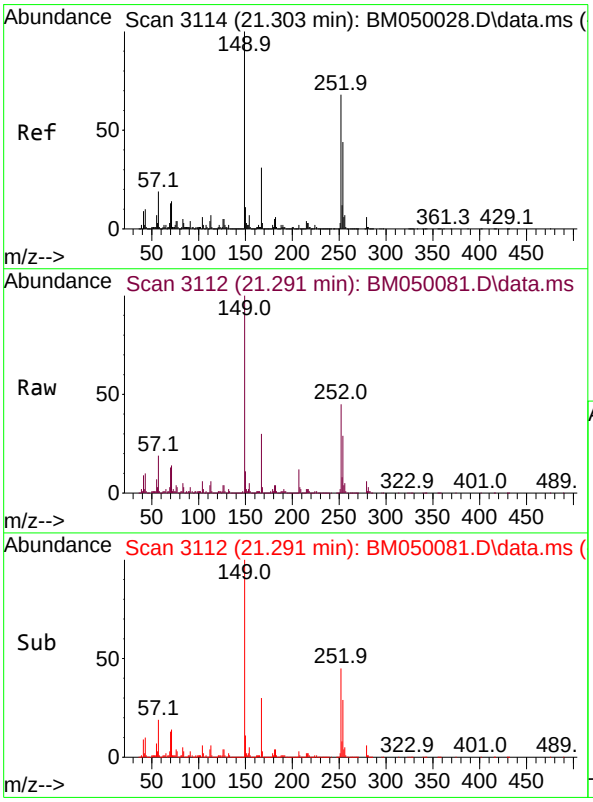
#81
Benzo(a)anthracene
Concen: 43.971 ng
RT: 21.368 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:228 Resp: 3113215

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.1	33.1
229	19.9	15.7	23.5

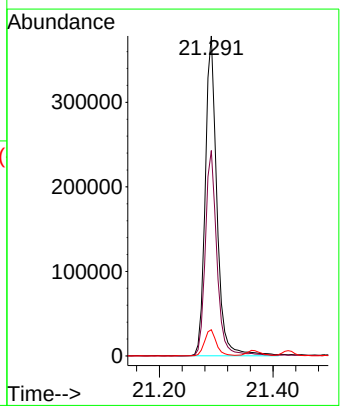


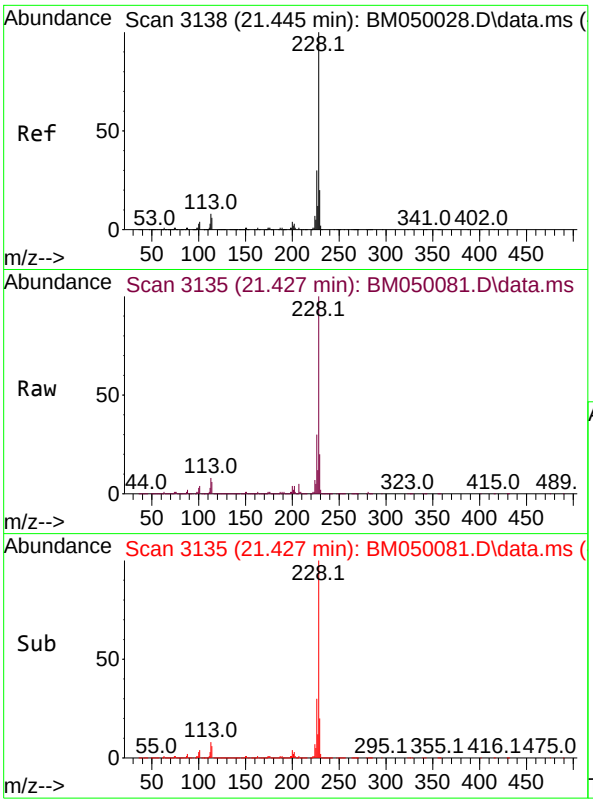


#82
3,3'-Dichlorobenzidine
Concen: 19.784 ng
RT: 21.291 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:252 Resp: 536223

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.8	77.6
126	8.2	6.0	9.0



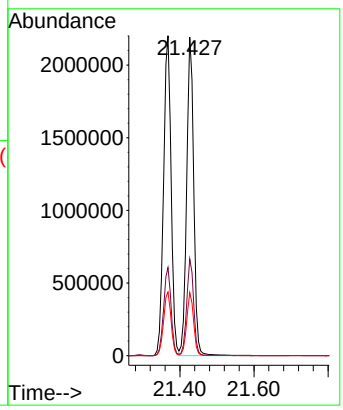


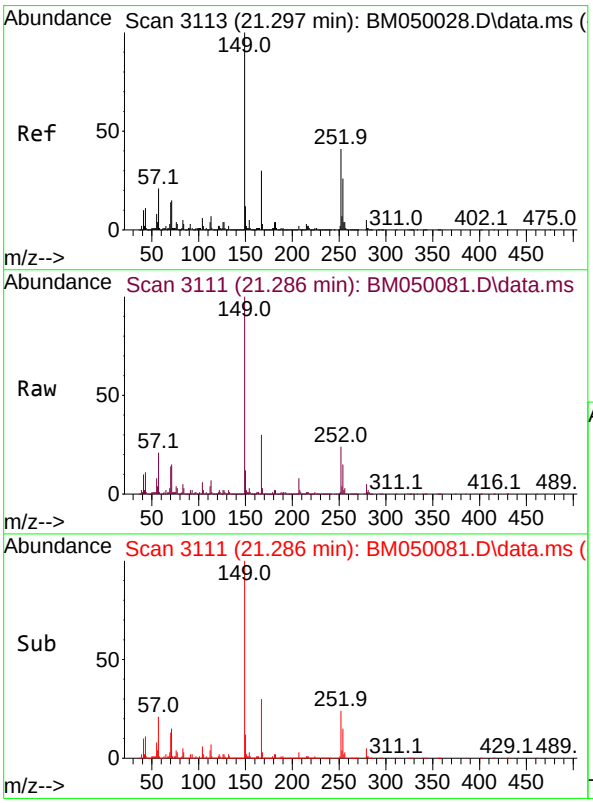
#83
Chrysene
Concen: 44.213 ng
RT: 21.427 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:228 Resp: 2897203

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	19.8	15.7	23.5

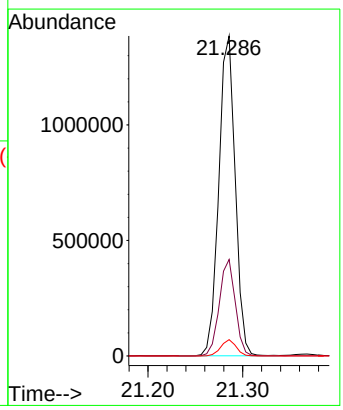


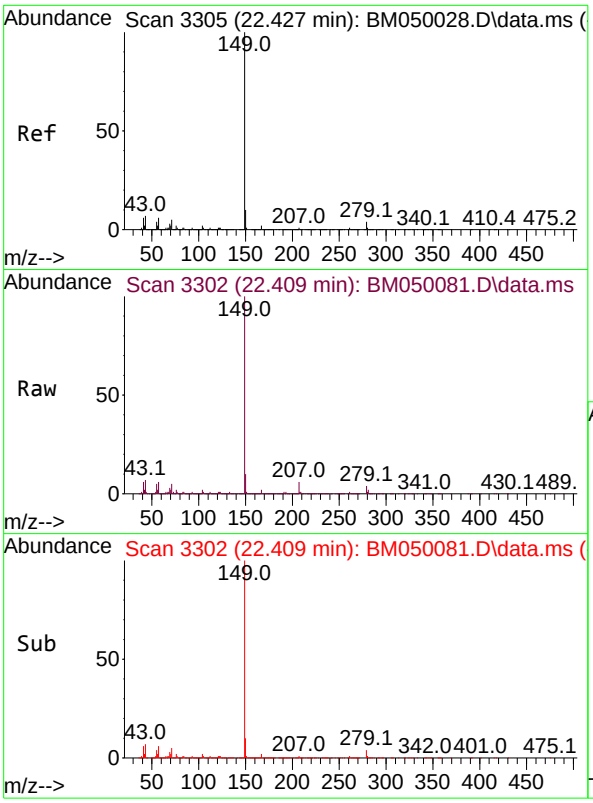


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.318 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:149 Resp: 1668880

Ion	Ratio	Lower	Upper
149	100		
167	30.2	24.1	36.1
279	5.1	3.9	5.9



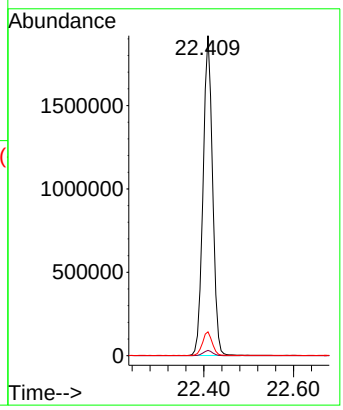


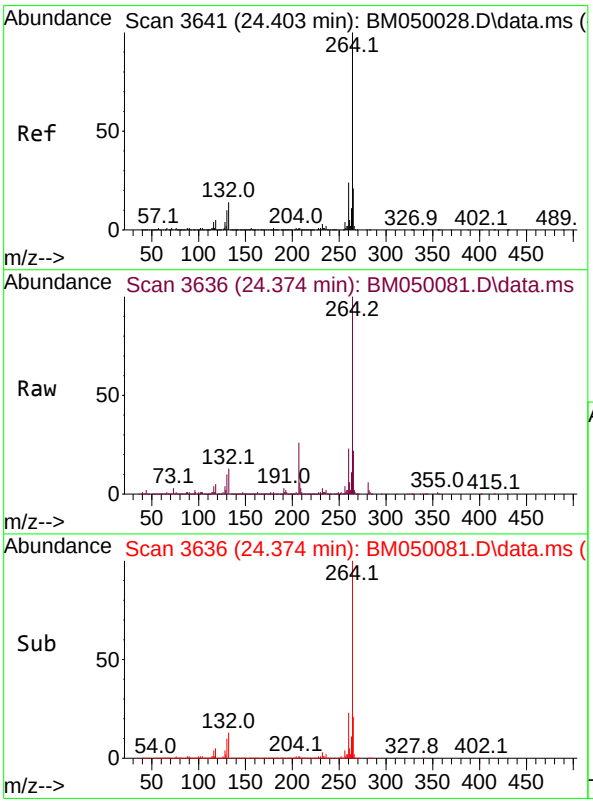
#85
Di-n-octyl phthalate
Concen: 42.329 ng
RT: 22.409 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:149 Resp: 2819567

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.6	5.8	8.8

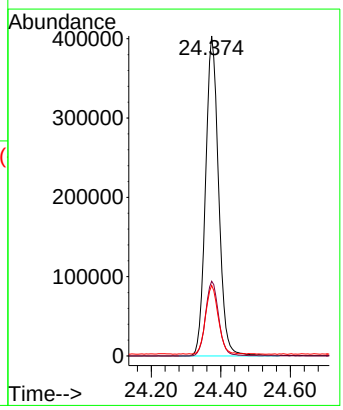


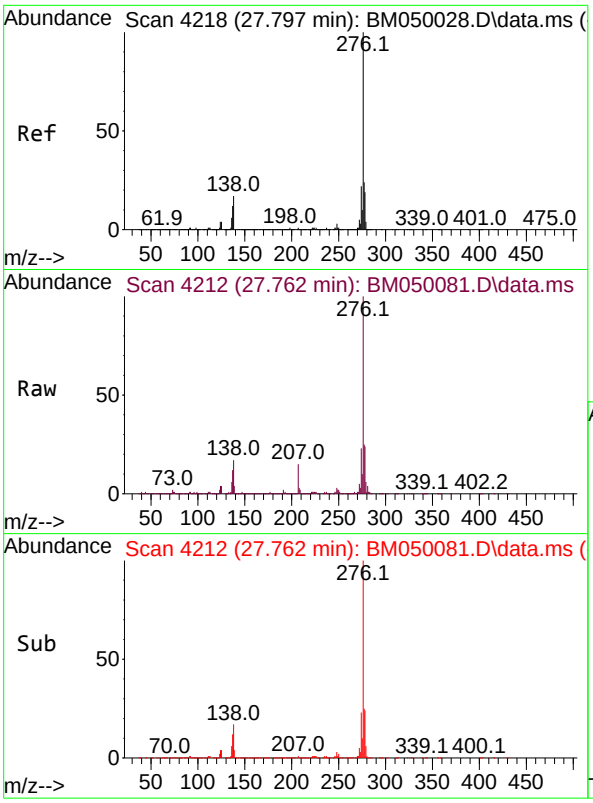


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.030 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:264 Resp: 1050834

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	22.0	17.0	25.4



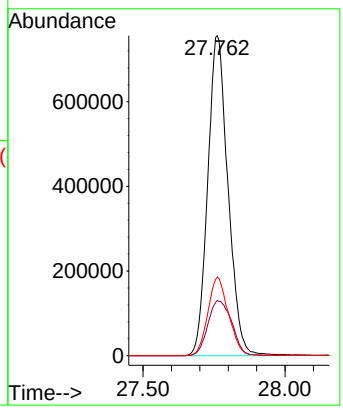


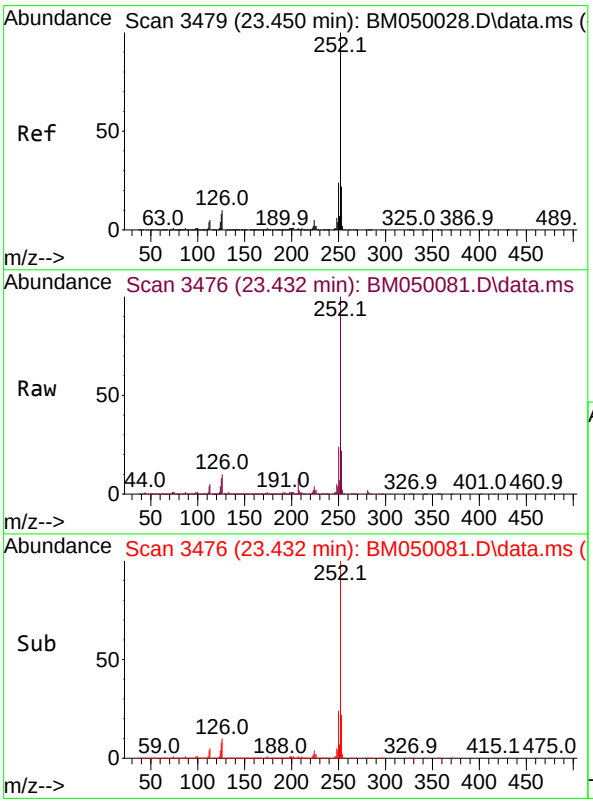
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.752 ng
RT: 27.762 min Scan# 4
Delta R.T. -0.035 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:276 Resp: 3738994

Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.4	24.6
277	25.1	19.8	29.8

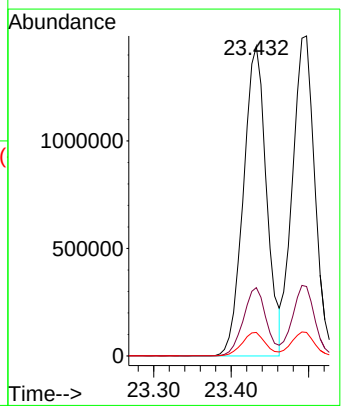


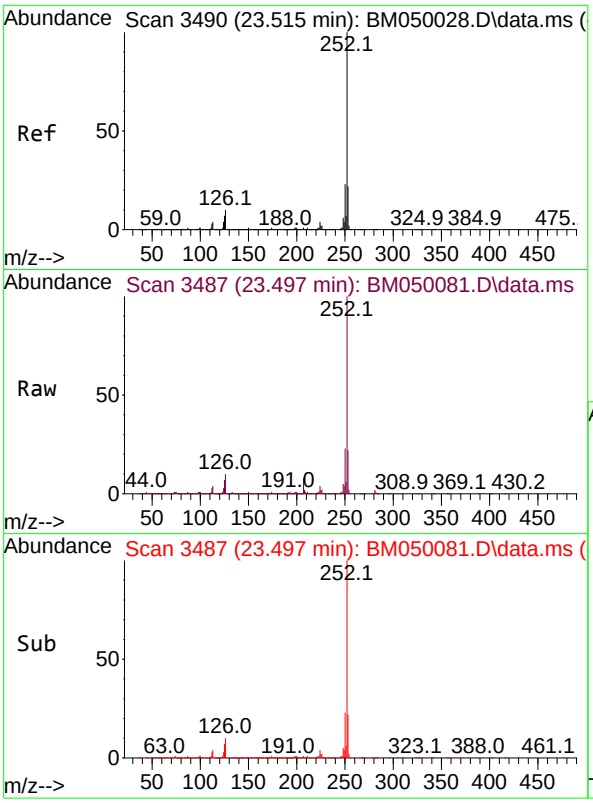


#88
Benzo(b)fluoranthene
Concen: 43.678 ng
RT: 23.432 min Scan# 3476
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:252 Resp: 2984894

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	7.6	6.1	9.1



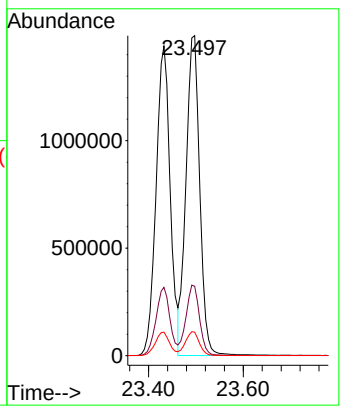


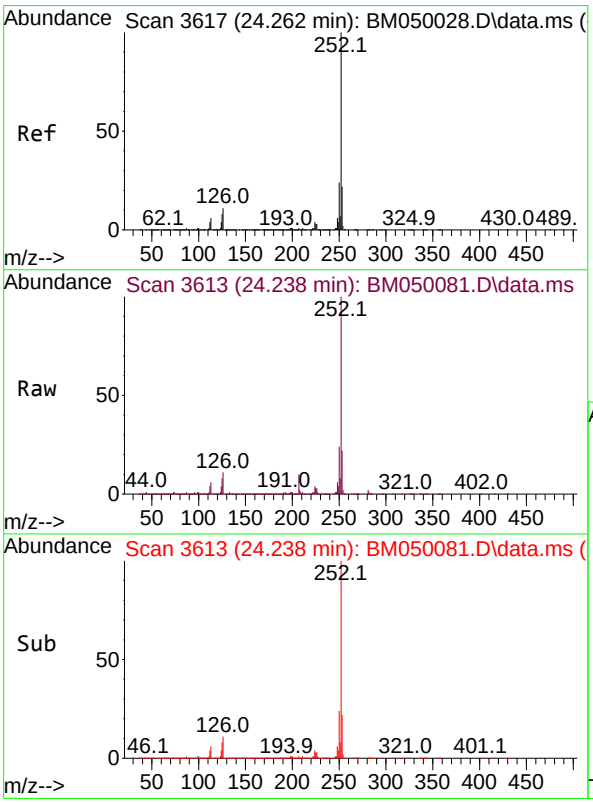
#89
Benzo(k)fluoranthene
Concen: 43.276 ng
RT: 23.497 min Scan# 34
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:252 Resp: 2991504

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	7.4	5.8	8.8

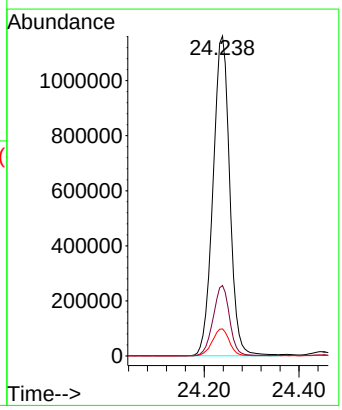


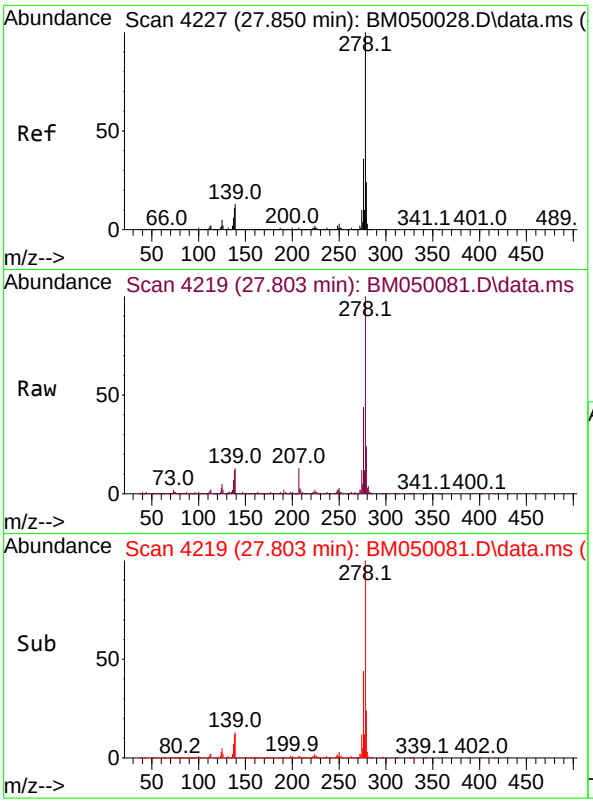


#90
Benzo(a)pyrene
Concen: 44.360 ng
RT: 24.238 min Scan# 3613
Delta R.T. -0.024 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:252 Resp: 2839325

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	8.5	6.6	9.8



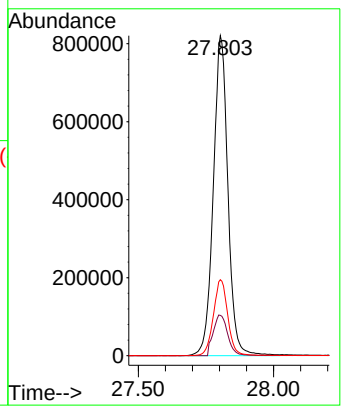


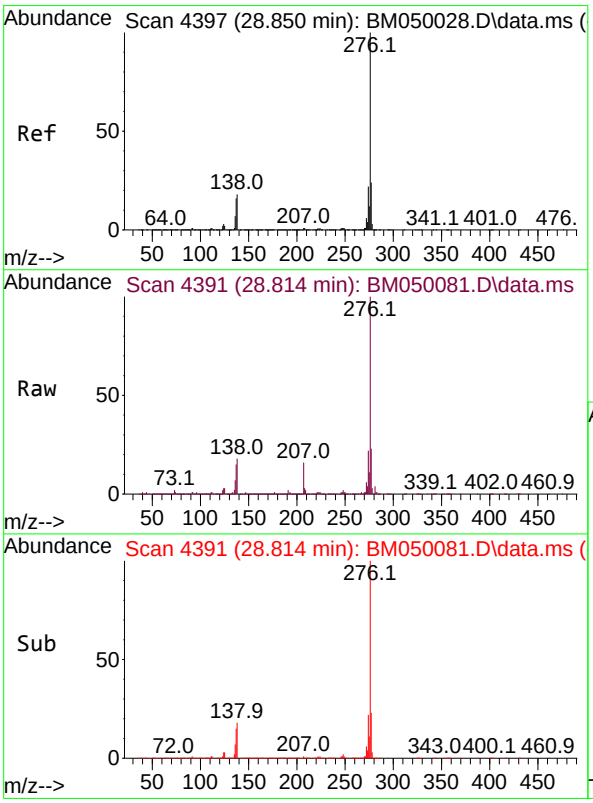
#91
Dibenzo(a,h)anthracene
Concen: 48.205 ng
RT: 27.803 min Scan# 4
Delta R.T. -0.047 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:278 Resp: 3076788

Ion	Ratio	Lower	Upper
278	100		
139	12.6	10.5	15.7
279	23.7	19.4	29.0

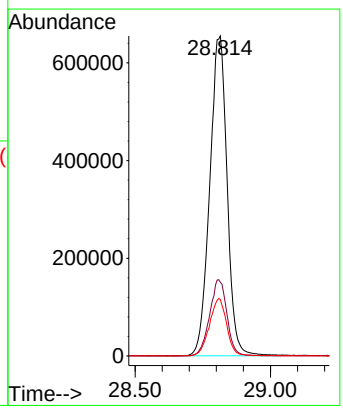




#92
Benzo(g,h,i)perylene
Concen: 47.729 ng
RT: 28.814 min Scan# 4391
Delta R.T. -0.035 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:276 Resp: 2916539

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.1	28.7
138	17.7	14.3	21.5



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	PB167798BSD	SDG No.:	Q1914
Lab Sample ID:	PB167798BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142253.D	1	04/30/25 08:35	05/01/25 11:42	PB167798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	39.8		0.50	5.00	ug/L
208-96-8	Acenaphthylene	40.8		0.75	5.00	ug/L
83-32-9	Acenaphthene	44.0		0.55	5.00	ug/L
86-73-7	Fluorene	40.7		0.63	5.00	ug/L
85-01-8	Phenanthrene	40.7		0.50	5.00	ug/L
120-12-7	Anthracene	41.3		0.61	5.00	ug/L
206-44-0	Fluoranthene	41.8		0.82	5.00	ug/L
129-00-0	Pyrene	43.0		0.50	5.00	ug/L
56-55-3	Benzo(a)anthracene	41.3		0.45	5.00	ug/L
218-01-9	Chrysene	43.0		0.44	5.00	ug/L
205-99-2	Benzo(b)fluoranthene	39.3		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	44.5		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	42.6		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42.8		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	43.0		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	43.1		0.69	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	80.3		49 - 133	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.2		52 - 132	68%	SPK: 100
1718-51-0	Terphenyl-d14	73.8		48 - 125	74%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	229000	6.91			
1146-65-2	Naphthalene-d8	896000	8.192			
15067-26-2	Acenaphthene-d10	472000	9.945			
1517-22-2	Phenanthrene-d10	796000	11.433			
1719-03-5	Chrysene-d12	445000	14.074			
1520-96-3	Perylene-d12	442000	15.563			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY			Date Received:	
Client Sample ID:	PB167798BSD			SDG No.:	Q1914
Lab Sample ID:	PB167798BSD			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group3
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142253.D	1	04/30/25 08:35	05/01/25 11:42	PB167798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142253.D
Acq On : 01 May 2025 11:42
Operator : RC/JU
Sample : PB167798BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 01 12:24:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB167798BSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	228844	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	895505	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	472033	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	796412	20.000	ng	0.00
76) Chrysene-d12	14.074	240	445019	20.000	ng	0.00
86) Perylene-d12	15.563	264	441873	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1544251	107.770	ng	0.01
7) Phenol-d6	6.528	99	1910888	110.435	ng	0.00
23) Nitrobenzene-d5	7.469	82	1094804	80.319	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	558926	129.885	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2284570	68.240	ng	0.00
79) Terphenyl-d14	13.022	244	2257765	73.788	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.799	88	214363	33.497	ng	99
3) Pyridine	3.546	79	604462	36.343	ng	100
4) n-Nitrosodimethylamine	3.499	42	350276	40.697	ng	99
6) Aniline	6.569	93	664275	27.123	ng	99
8) 2-Chlorophenol	6.693	128	628695	42.460	ng	99
9) Benzaldehyde	6.457	77	294023	24.312	ng	99
10) Phenol	6.545	94	750967m	40.313	ng	
11) bis(2-Chloroethyl)ether	6.645	93	580502	40.214	ng	99
12) 1,3-Dichlorobenzene	6.851	146	662064	39.525	ng	100
13) 1,4-Dichlorobenzene	6.928	146	661045	39.170	ng	100
14) 1,2-Dichlorobenzene	7.081	146	646447	40.124	ng	99
15) Benzyl Alcohol	7.045	79	522603	42.584	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1068395	40.987	ng	99
17) 2-Methylphenol	7.151	107	506643	41.769	ng	99
18) Hexachloroethane	7.422	117	227904	41.260	ng	97
19) n-Nitroso-di-n-propyla...	7.322	70	433820	40.572	ng	99
20) 3+4-Methylphenols	7.304	107	625731	41.251	ng	94
22) Acetophenone	7.316	105	822300	39.692	ng	100
24) Nitrobenzene	7.492	77	605776	45.294	ng	98
25) Isophorone	7.728	82	1175652	41.096	ng	100
26) 2-Nitrophenol	7.804	139	258365	46.327	ng	98
27) 2,4-Dimethylphenol	7.840	122	612593	42.472	ng	99
28) bis(2-Chloroethoxy)met...	7.940	93	740492	41.043	ng	99
29) 2,4-Dichlorophenol	8.040	162	521645	43.259	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	546079	40.582	ng	99
31) Naphthalene	8.216	128	1778327	39.820	ng	100
32) Benzoic acid	7.951	122	331051m	48.183	ng	
33) 4-Chloroaniline	8.251	127	168046	9.036	ng	99
34) Hexachlorobutadiene	8.328	225	322773	41.113	ng	99
35) Caprolactam	8.622	113	168204m	46.407	ng	
36) 4-Chloro-3-methylphenol	8.734	107	537952	43.445	ng	98
37) 2-Methylnaphthalene	8.904	142	1104930	40.241	ng	100
38) 1-Methylnaphthalene	9.004	142	1150453	40.445	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	524934	39.515	ng	99
41) Hexachlorocyclopentadiene	9.057	237	671988	89.128	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	372452	45.244	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142253.D
Acq On : 01 May 2025 11:42
Operator : RC/JU
Sample : PB167798BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 01 12:24:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB167798BSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	387830	44.810	ng		98
46) 1,1'-Biphenyl	9.369	154	1480347	40.340	ng		100
47) 2-Chloronaphthalene	9.392	162	1105087	40.476	ng		99
48) 2-Nitroaniline	9.486	65	324508	45.363	ng		98
49) Acenaphthylene	9.810	152	1879452	40.794	ng		100
50) Dimethylphthalate	9.669	163	1290455	42.733	ng		100
51) 2,6-Dinitrotoluene	9.728	165	262585	45.558	ng		100
52) Acenaphthene	9.981	154	1183957	44.012	ng		99
53) 3-Nitroaniline	9.892	138	144830	22.378	ng		98
54) 2,4-Dinitrophenol	9.998	184	199878	91.584	ng	#	17
55) Dibenzofuran	10.157	168	1639725	40.663	ng		100
56) 4-Nitrophenol	10.045	139	489174	103.057	ng		98
57) 2,4-Dinitrotoluene	10.134	165	346883	49.318	ng		99
58) Fluorene	10.498	166	1248146	40.708	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	331140	46.189	ng		100
60) Diethylphthalate	10.369	149	1287411	43.172	ng		100
61) 4-Chlorophenyl-phenyle...	10.486	204	601502	41.309	ng		99
62) 4-Nitroaniline	10.510	138	288950	45.282	ng		99
63) Azobenzene	10.651	77	1233889	41.902	ng		100
65) 4,6-Dinitro-2-methylph...	10.539	198	128388	48.731	ng		94
66) n-Nitrosodiphenylamine	10.610	169	1124320	41.318	ng		99
67) 4-Bromophenyl-phenylether	10.980	248	376385	42.436	ng		99
68) Hexachlorobenzene	11.045	284	419316	42.212	ng		99
69) Atrazine	11.133	200	337532	47.058	ng		99
70) Pentachlorophenol	11.233	266	496901	94.688	ng		98
71) Phenanthrene	11.463	178	1750559	40.693	ng		99
72) Anthracene	11.510	178	1816790	41.306	ng		100
73) Carbazole	11.663	167	1689119	42.099	ng		100
74) Di-n-butylphthalate	11.998	149	1825873	45.248	ng		100
75) Fluoranthene	12.645	202	1777492	41.799	ng		99
77) Benzidine	12.769	184	483783	25.584	ng		98
78) Pyrene	12.880	202	1763648	42.962	ng		99
80) Butylbenzylphthalate	13.498	149	510891	45.709	ng		99
81) Benzo(a)anthracene	14.063	228	1233563	41.291	ng		100
82) 3,3'-Dichlorobenzidine	14.027	252	124446	14.182	ng		99
83) Chrysene	14.104	228	1170165	43.030	ng		100
84) Bis(2-ethylhexyl)phtha...	14.057	149	622700	40.625	ng		100
85) Di-n-octyl phthalate	14.674	149	1156711	41.525	ng		100
87) Indeno(1,2,3-cd)pyrene	17.080	276	1384791	42.786	ng		100
88) Benzo(b)fluoranthene	15.127	252	1077406	39.254	ng		99
89) Benzo(k)fluoranthene	15.157	252	1118010	44.533	ng		99
90) Benzo(a)pyrene	15.504	252	1070836	42.614	ng		100
91) Dibenzo(a,h)anthracene	17.098	278	1128281	42.952	ng		99
92) Benzo(g,h,i)perylene	17.533	276	1137552	43.077	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142253.D
Acq On : 01 May 2025 11:42
Operator : RC/JU
Sample : PB167798BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 01 12:24:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
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Instrument :
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ClientSampleId :
PB167798BSD

Manual Integrations APPROVED

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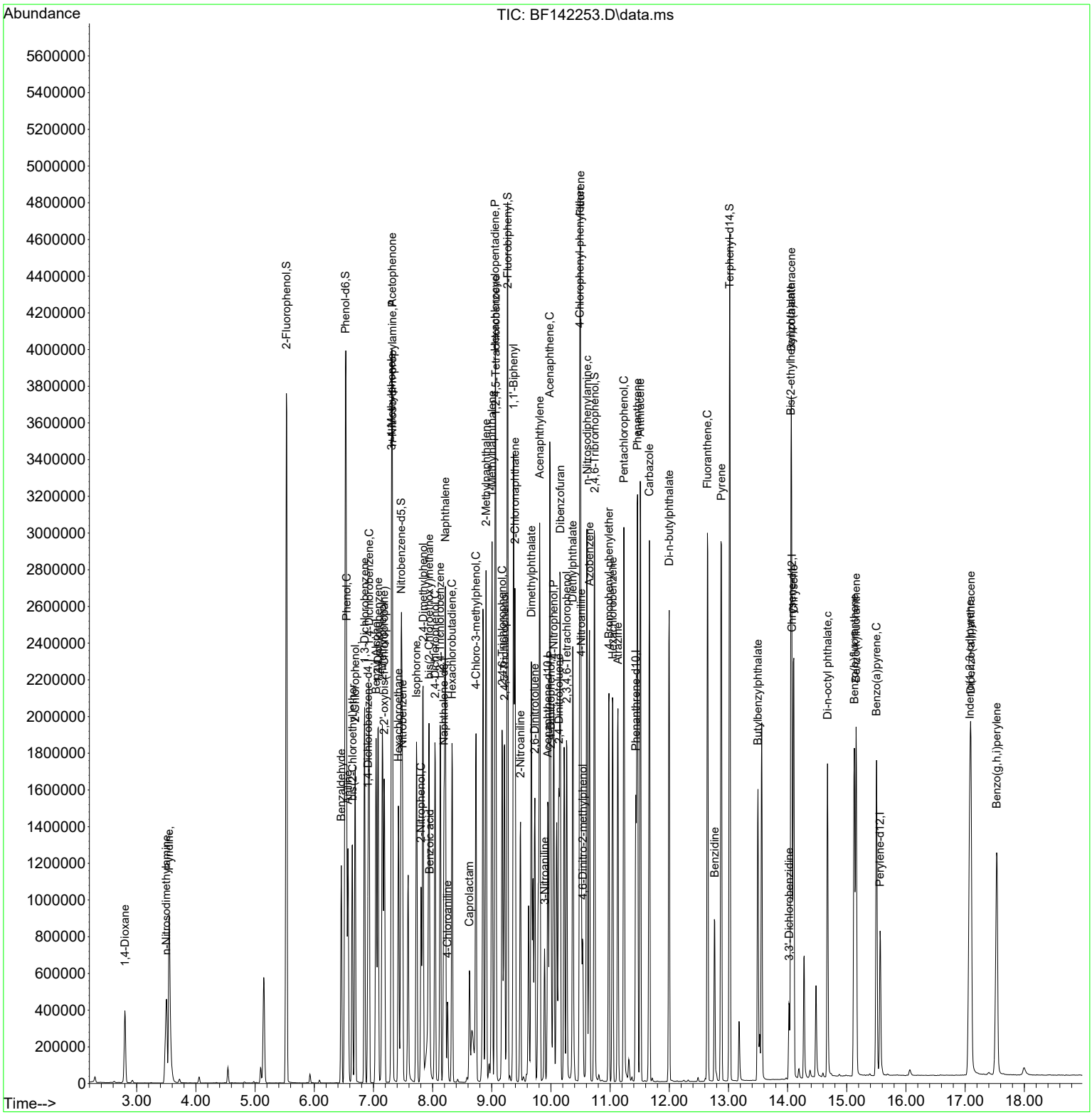
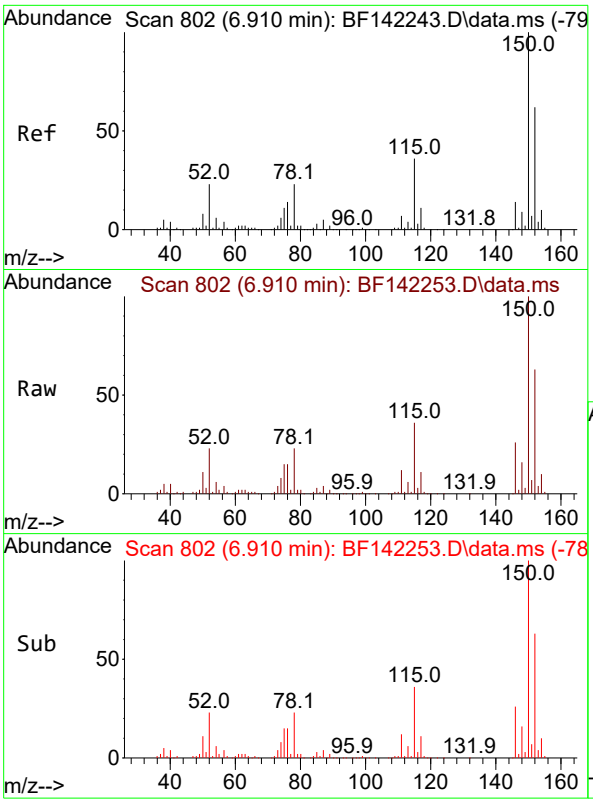
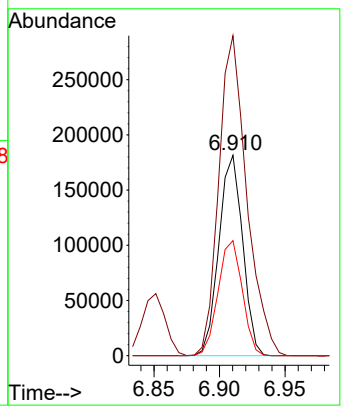




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:152 Resp: 22884

Ion	Ratio	Lower	Upper
152	100		
150	159.7	130.2	195.2
115	57.4	47.0	70.4



Instrument :
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ClientSampleId :
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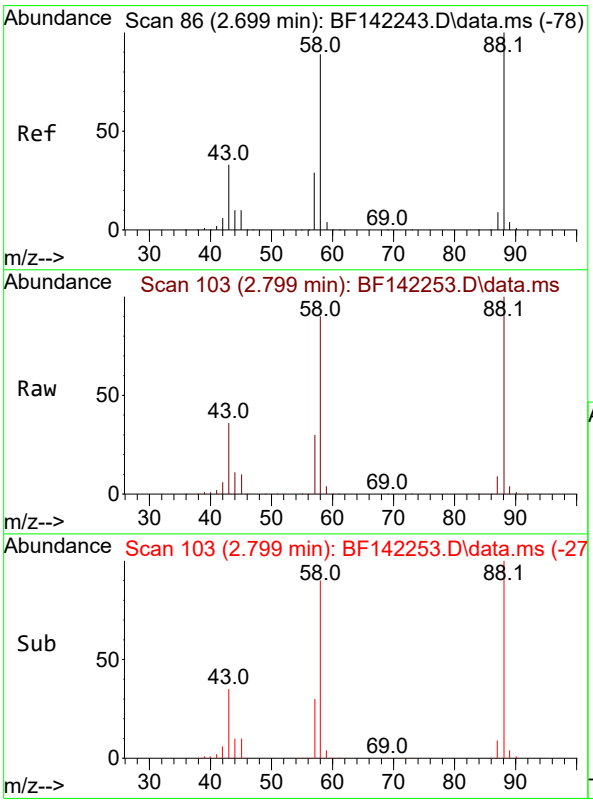
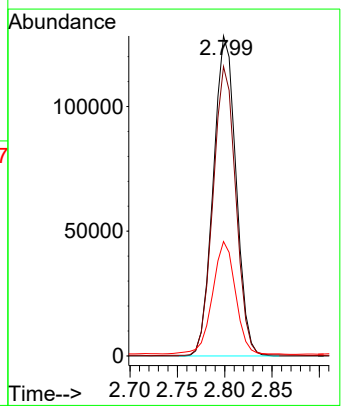
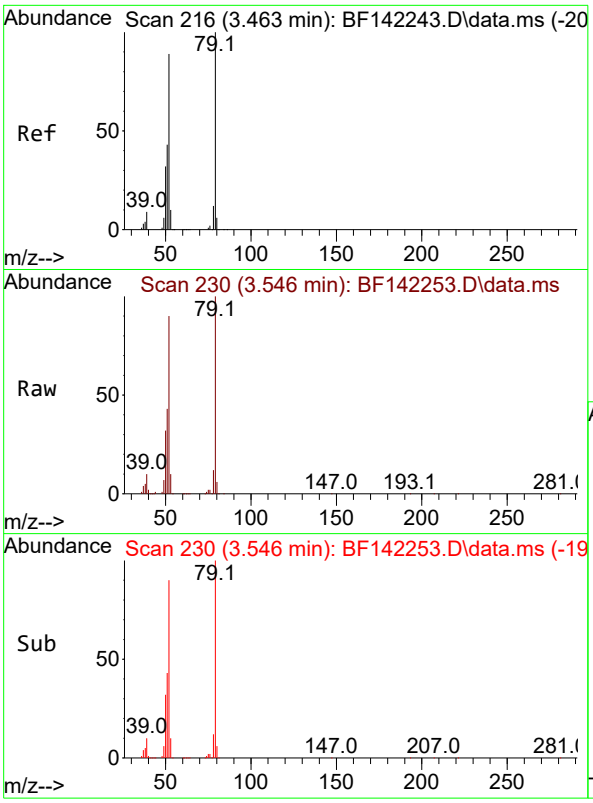


#2
1,4-Dioxane
Concen: 33.497 ng
RT: 2.799 min Scan# 103
Delta R.T. 0.100 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion: 88 Resp: 214363

Ion	Ratio	Lower	Upper
88	100		
58	90.5	72.2	108.2
43	35.9	27.0	40.6

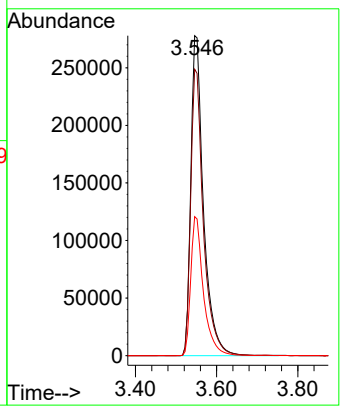




#3
Pyridine
Concen: 36.343 ng
RT: 3.546 min Scan# 2
Delta R.T. 0.082 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion: 79 Resp: 60446

Ion	Ratio	Lower	Upper
79	100		
52	89.5	71.5	107.3
51	43.4	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
PB167798BSD

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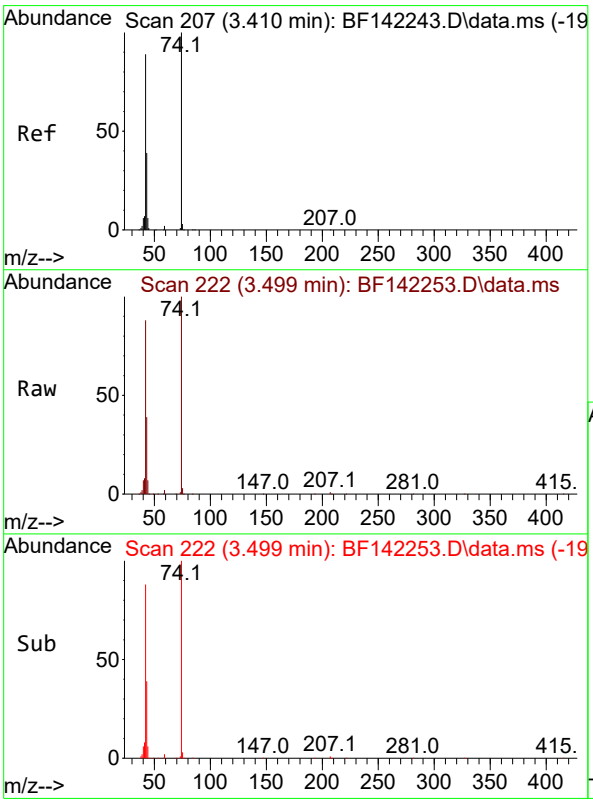
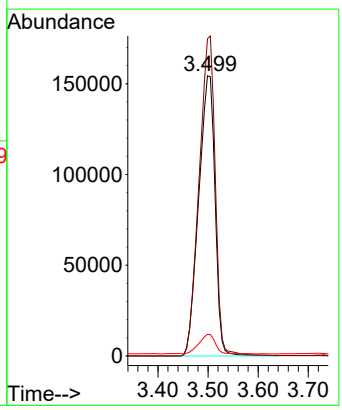
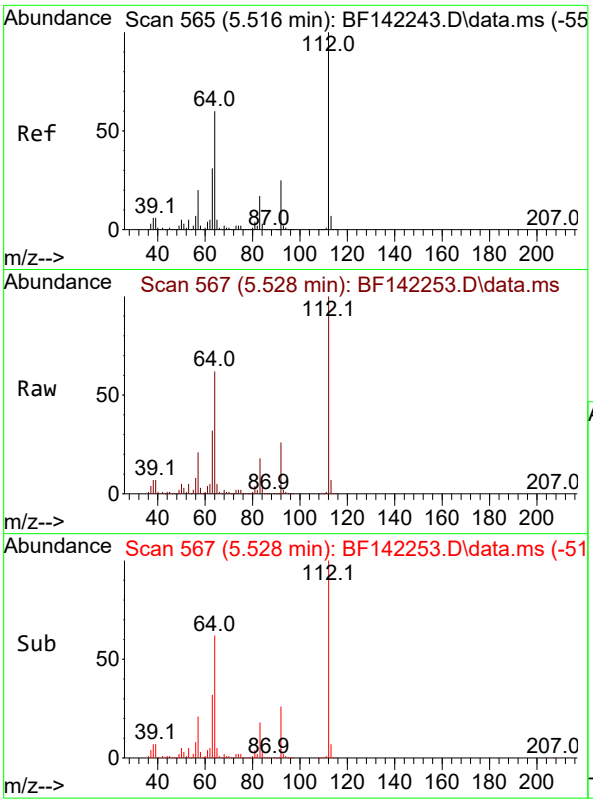


#4
n-Nitrosodimethylamine
Concen: 40.697 ng
RT: 3.499 min Scan# 222
Delta R.T. 0.088 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion: 42 Resp: 350276

Ion	Ratio	Lower	Upper
42	100		
74	113.2	89.5	134.3
44	7.7	6.6	9.8

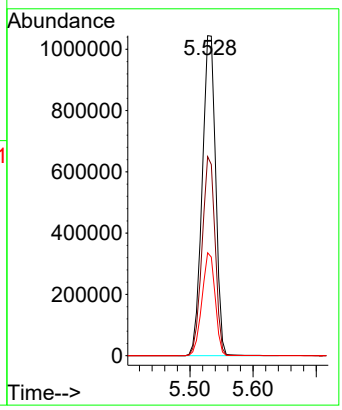




#5
2-Fluorophenol
Concen: 107.770 ng
RT: 5.528 min Scan# 5
Delta R.T. 0.012 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:112 Resp: 154425

Ion	Ratio	Lower	Upper
112	100		
64	62.2	48.4	72.6
63	32.2	24.8	37.2



Instrument :
BNA_F
ClientSampleId :
PB167798BSD

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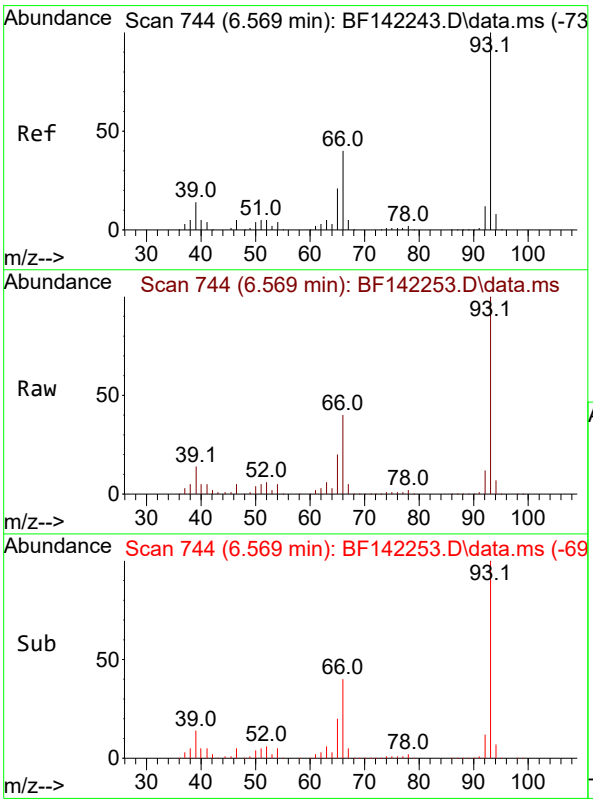
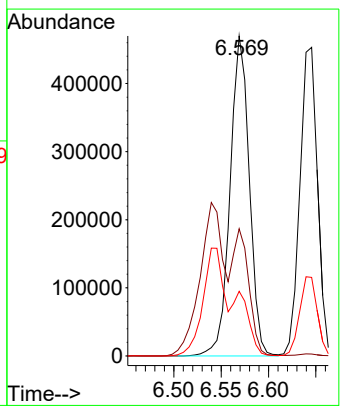
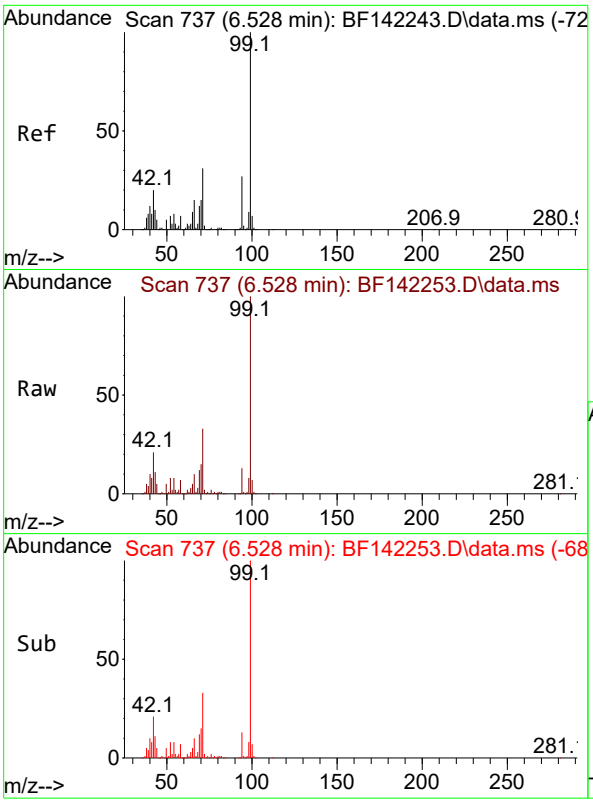


#6
Aniline
Concen: 27.123 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion: 93 Resp: 664275

Ion	Ratio	Lower	Upper
93	100		
66	39.8	32.1	48.1
65	20.2	16.6	24.8

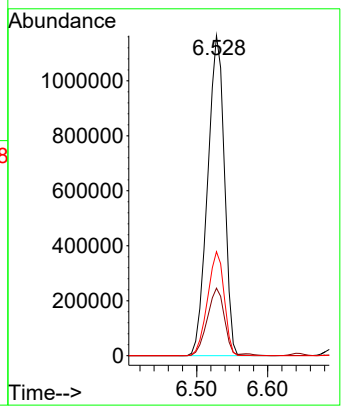




#7
Phenol-d6
Concen: 110.435 ng
RT: 6.528 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion: 99 Resp: 191088

Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.3	24.5
71	32.5	25.0	37.4



Instrument :
BNA_F
ClientSampleId :
PB167798BSD

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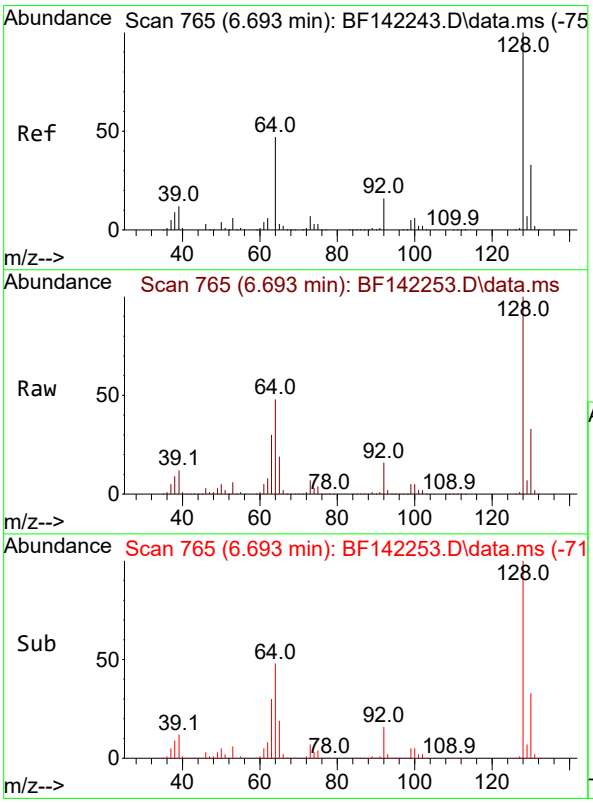
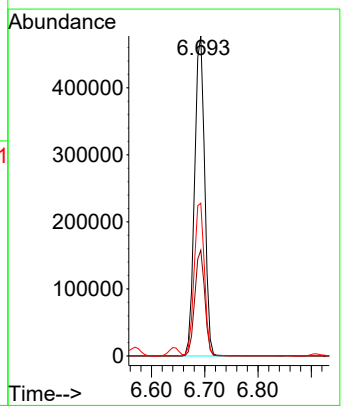
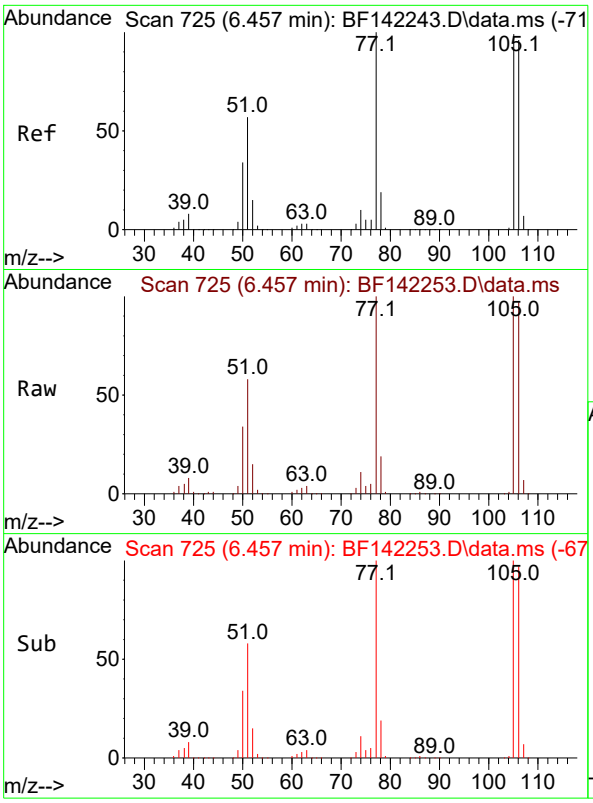


#8
2-Chlorophenol
Concen: 42.460 ng
RT: 6.693 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:128 Resp: 628695

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.1	53.1
64	47.7	28.6	68.6

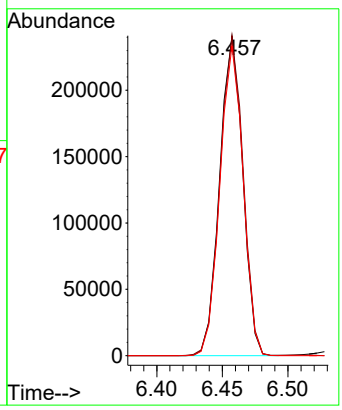




#9
Benzaldehyde
Concen: 24.312 ng
RT: 6.457 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion: 77 Resp: 29402

Ion	Ratio	Lower	Upper
77	100		
105	100.3	79.1	119.1
106	97.2	76.0	116.0



Instrument :
BNA_F
ClientSampleId :
PB167798BSD

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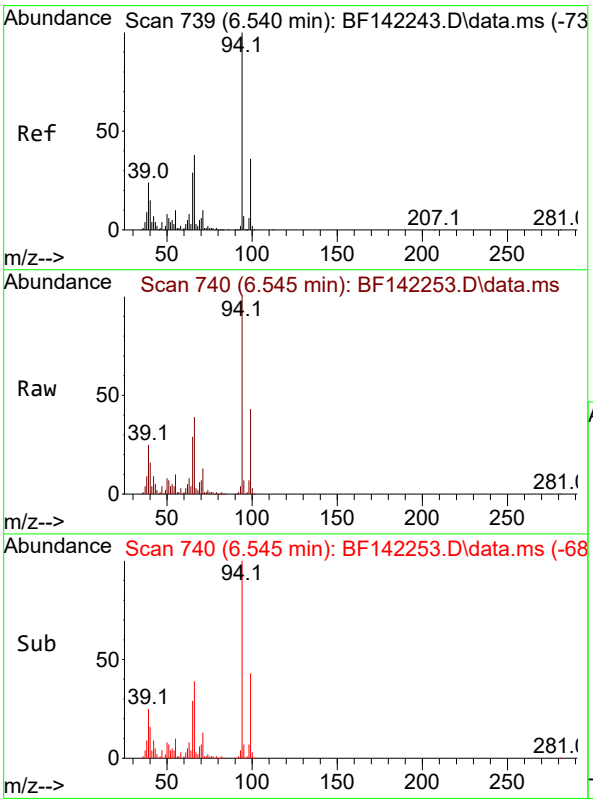
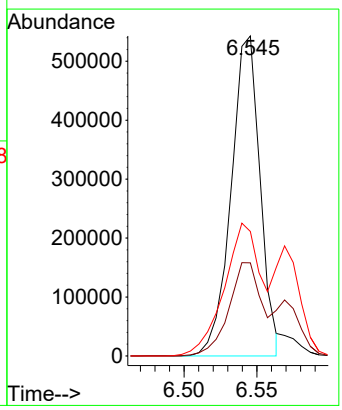
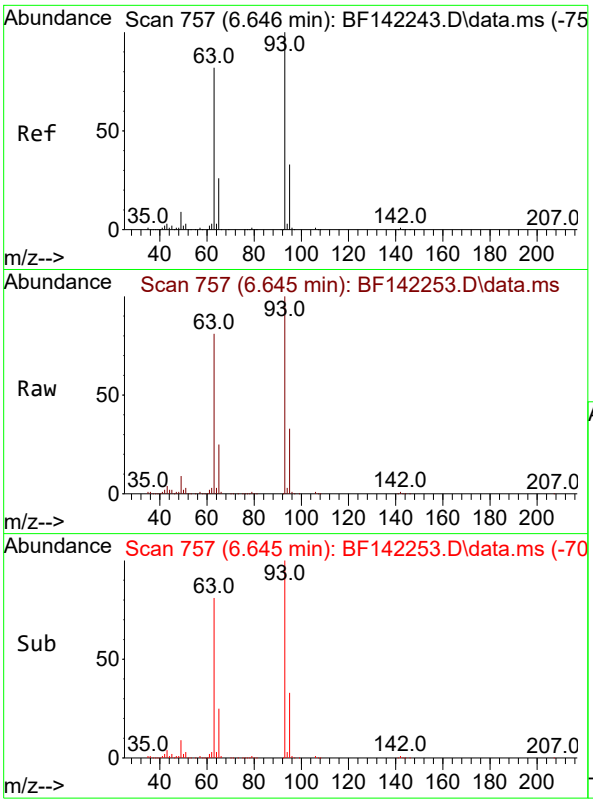


#10
Phenol
Concen: 40.313 ng m
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion: 94 Resp: 750967

Ion	Ratio	Lower	Upper
94	100		
65	29.1	8.9	48.9
66	38.9	18.7	58.7

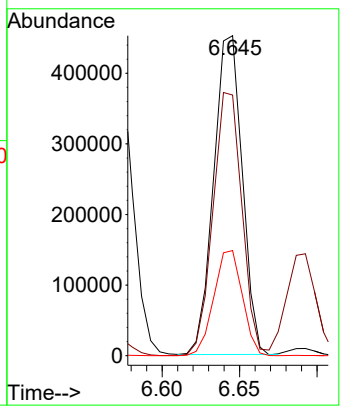




#11
bis(2-Chloroethyl)ether
Concen: 40.214 ng
RT: 6.645 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion: 93 Resp: 58050

Ion	Ratio	Lower	Upper
93	100		
63	81.4	62.2	102.2
95	32.8	12.7	52.7



Instrument :
BNA_F
ClientSampleId :
PB167798BSD

Manual Integrations
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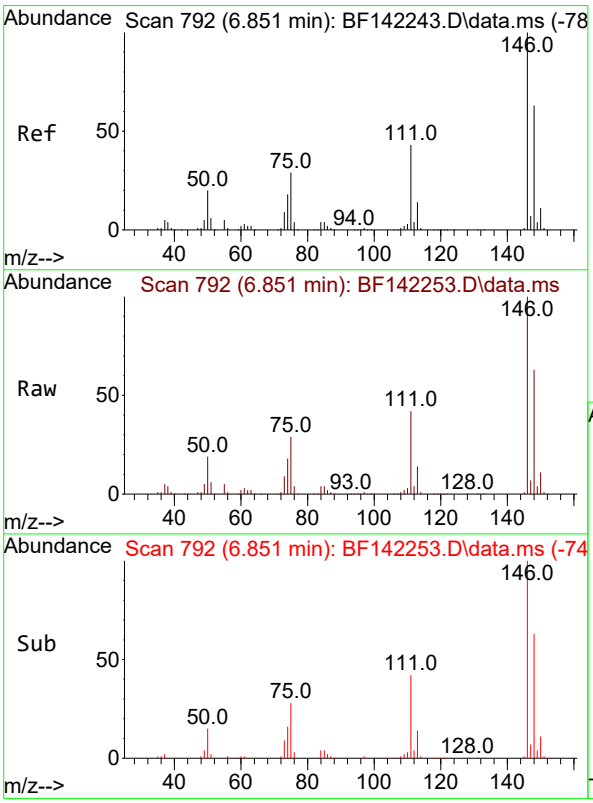
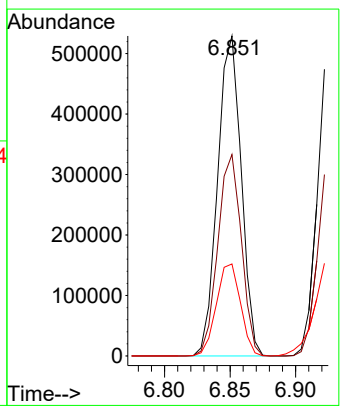
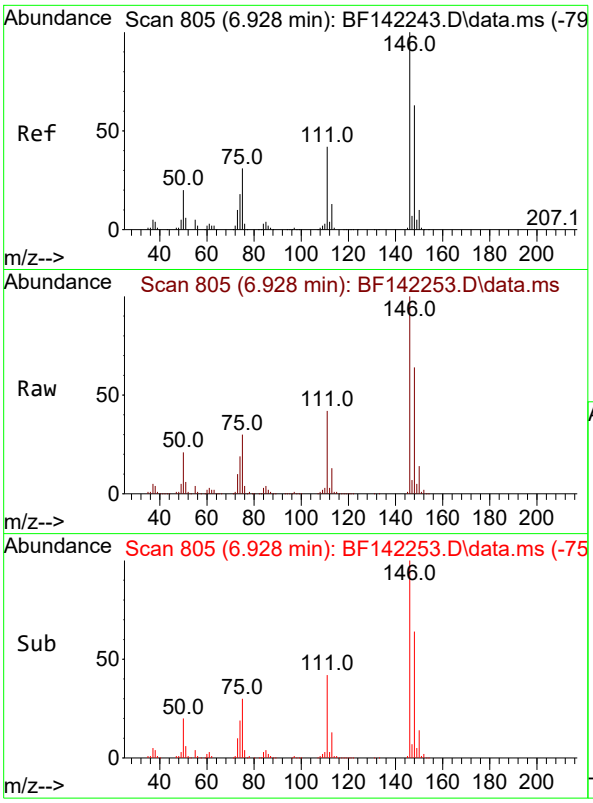


#12
1,3-Dichlorobenzene
Concen: 39.525 ng
RT: 6.851 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:146 Resp: 662064

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.5	75.7
75	28.8	23.2	34.8

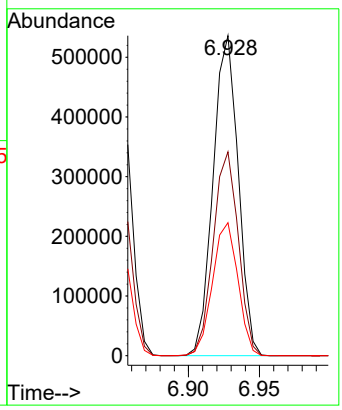




#13
1,4-Dichlorobenzene
Concen: 39.170 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:146 Resp: 66104

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	76.0
111	41.5	33.4	50.0



Instrument :
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ClientSampleId :
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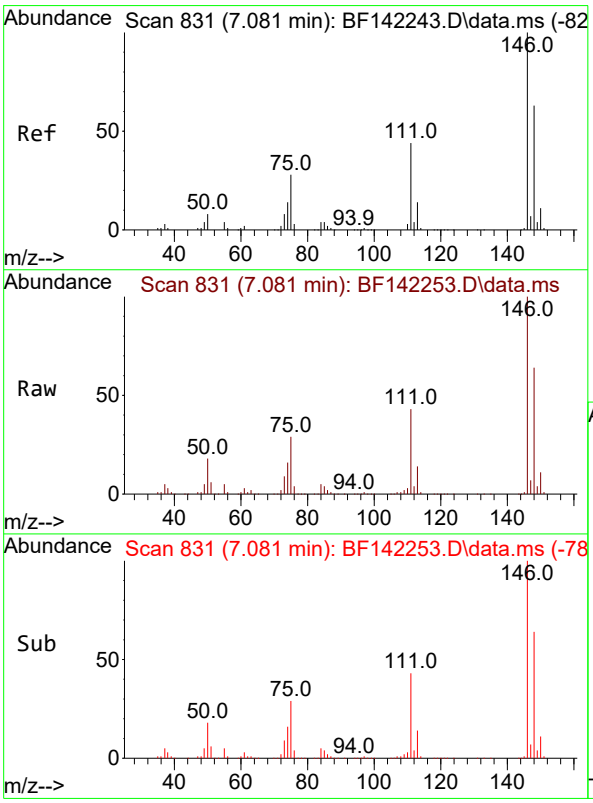
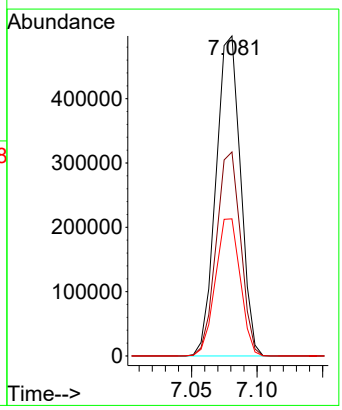
Supervised By :Jagrut Upadhyay 05/02/2025

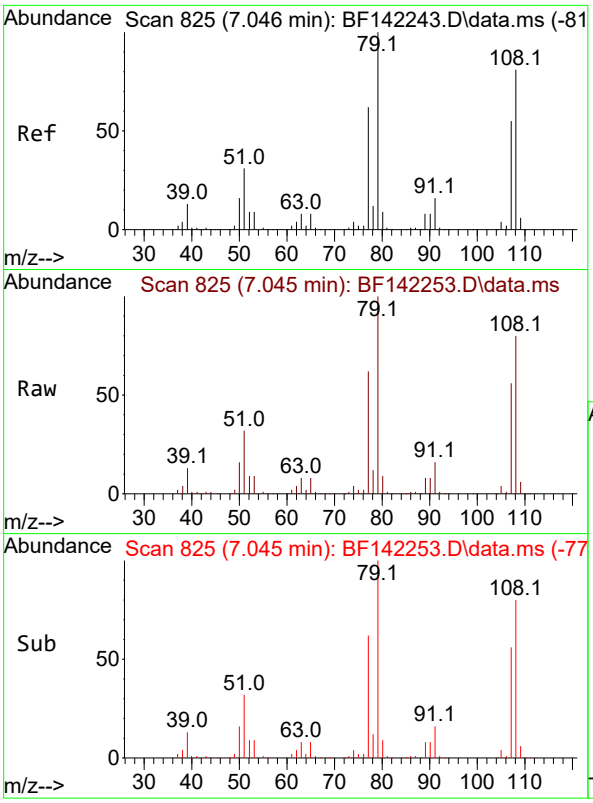


#14
1,2-Dichlorobenzene
Concen: 40.124 ng
RT: 7.081 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:146 Resp: 646447

Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.5	75.7
111	42.8	34.9	52.3





#15
Benzyl Alcohol
Concen: 42.584 ng
RT: 7.045 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion: 79 Resp: 52260

Ion	Ratio	Lower	Upper
79	100		
108	79.7	64.5	96.7
77	62.0	49.2	73.8

Instrument :
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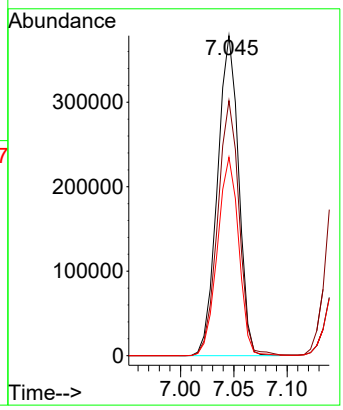
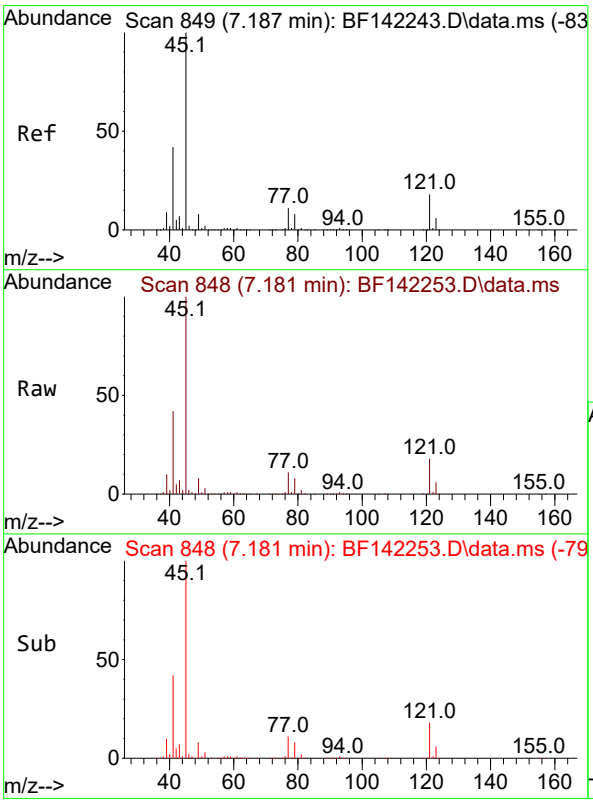
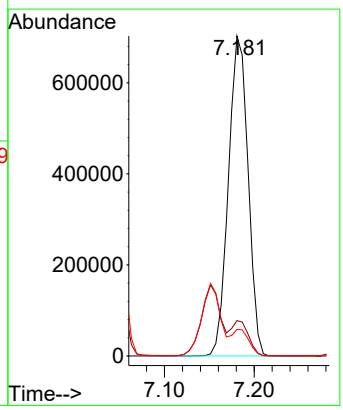


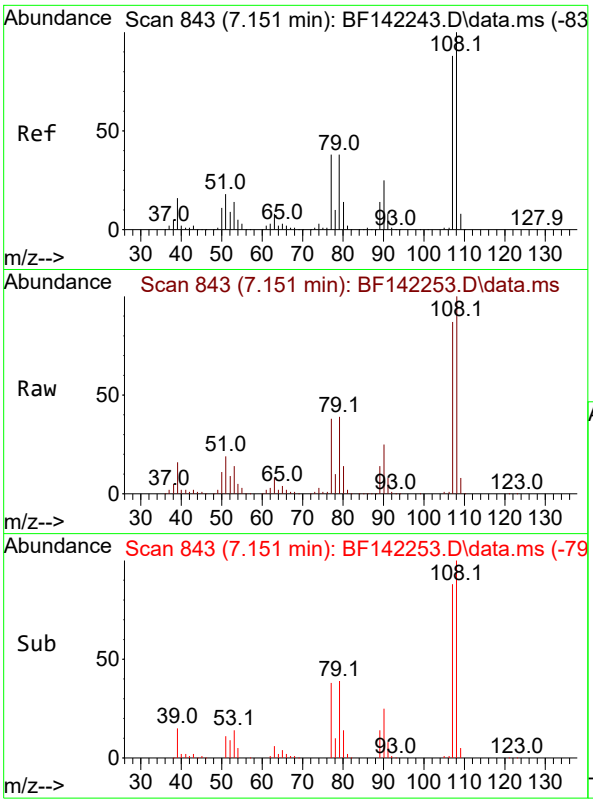


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.987 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion: 45 Resp: 1068395

Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	31.3
79	8.3	0.0	28.5

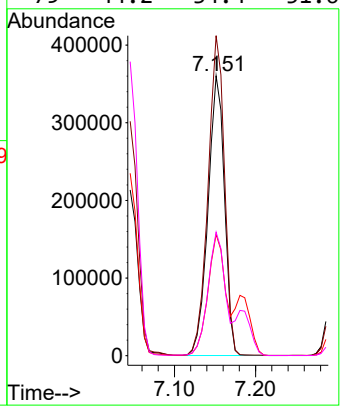




#17
2-Methylphenol
Concen: 41.769 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:107 Resp: 50664

Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.0	136.4
77	43.3	34.4	51.6
79	44.2	34.4	51.6



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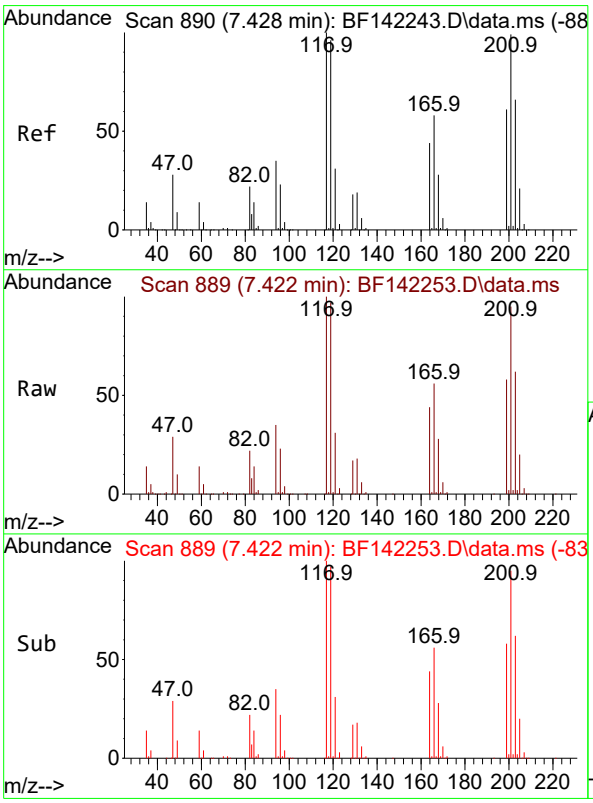
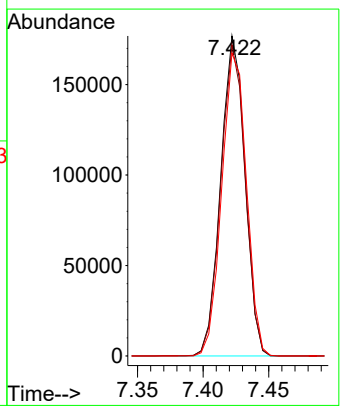
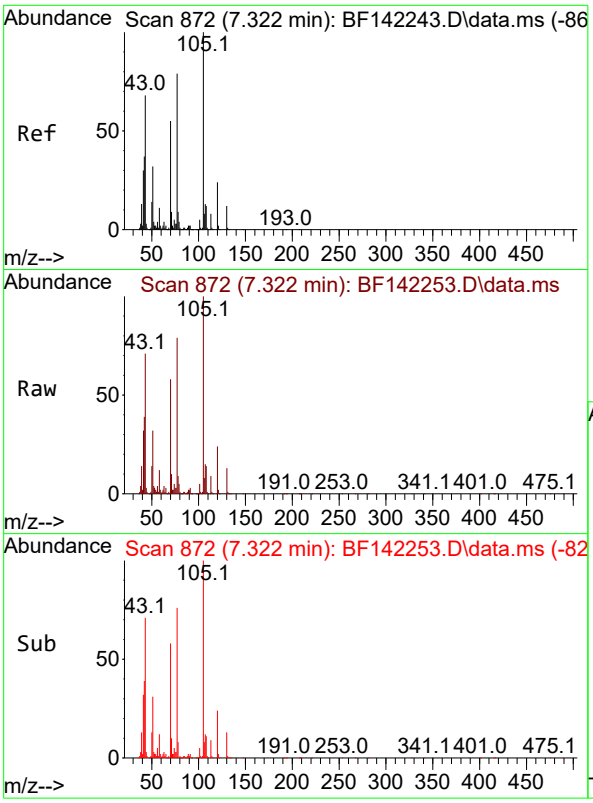


#18
Hexachloroethane
Concen: 41.260 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:117 Resp: 227904

Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.1	115.7
201	94.6	79.4	119.2

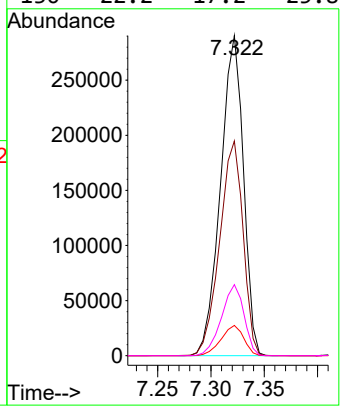




#19
n-Nitroso-di-n-propylamine
Concen: 40.572 ng
RT: 7.322 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion: 70 Resp: 43382

Ion	Ratio	Lower	Upper
70	100		
42	67.1	53.4	80.2
101	9.5	7.7	11.5
130	22.2	17.2	25.8



Instrument :
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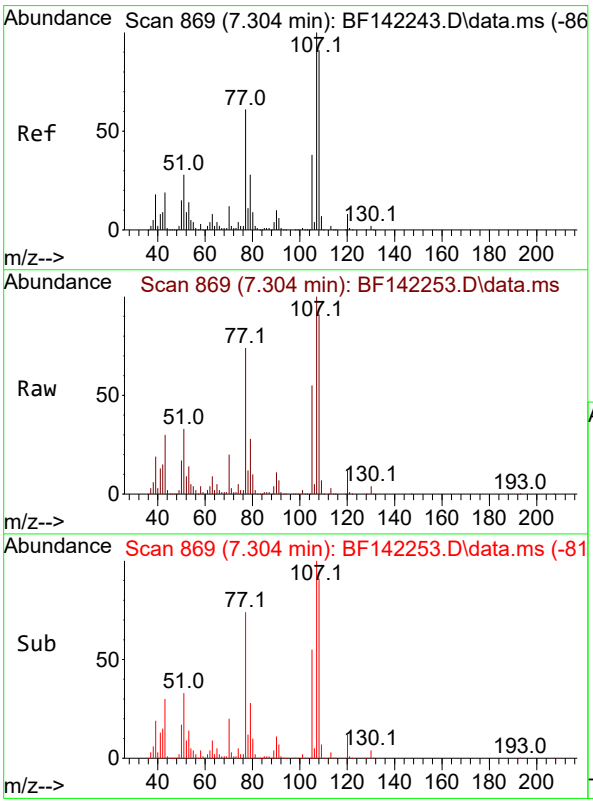
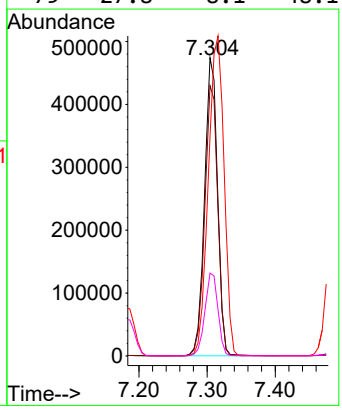
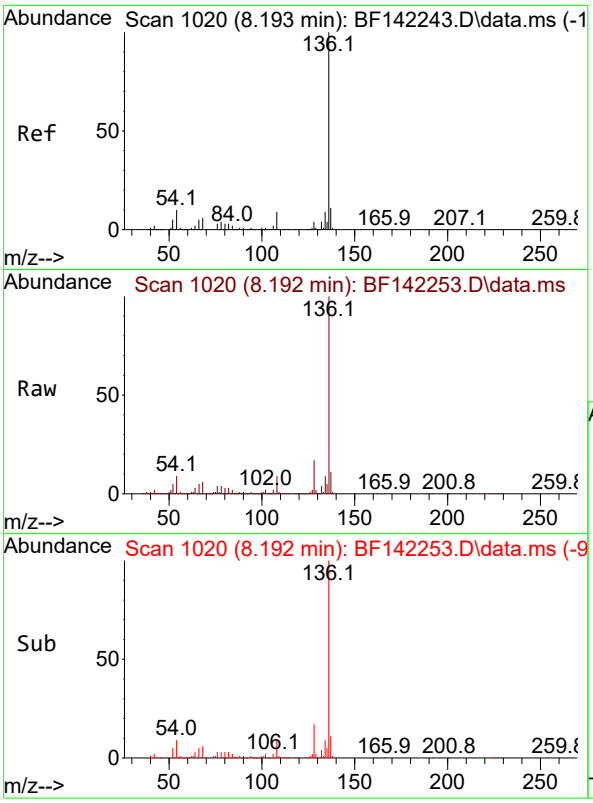


#20
3+4-Methylphenols
Concen: 41.251 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:107 Resp: 625731

Ion	Ratio	Lower	Upper
107	100		
108	90.6	71.2	111.2
77	73.8	41.1	81.1
79	27.8	8.1	48.1

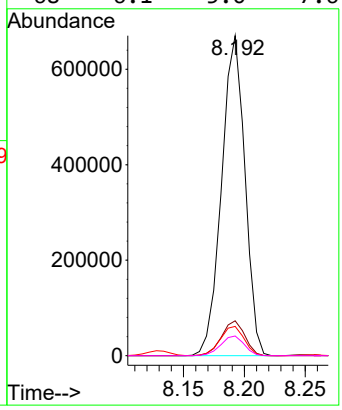




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1
Delta R.T. -0.001 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:136 Resp: 89550

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.2	7.7	11.5
68	6.1	5.0	7.6



Instrument :
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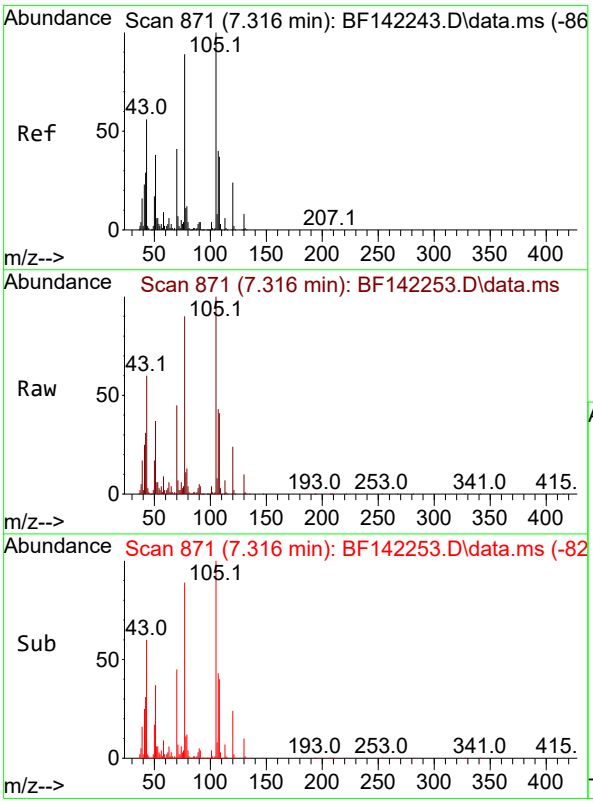
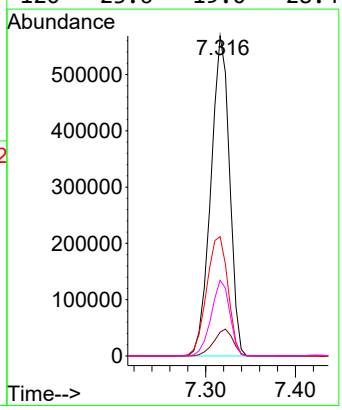
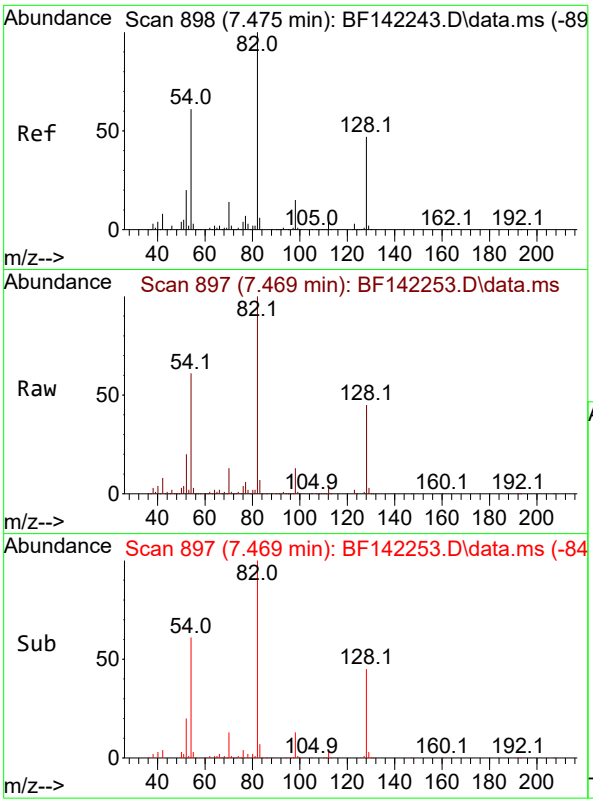


#22
Acetophenone
Concen: 39.692 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:105 Resp: 822300

Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.7	8.5
51	37.3	30.1	45.1
120	23.6	19.0	28.4

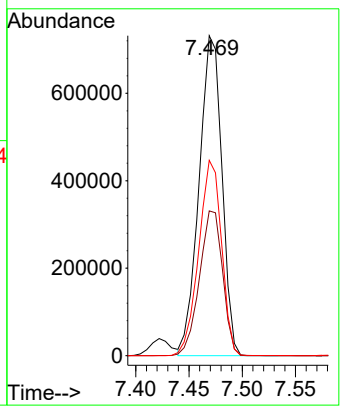




#23
Nitrobenzene-d5
Concen: 80.319 ng
RT: 7.469 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion: 82 Resp: 109480

Ion	Ratio	Lower	Upper
82	100		
128	45.2	37.0	55.6
54	61.1	48.0	72.0



Instrument :
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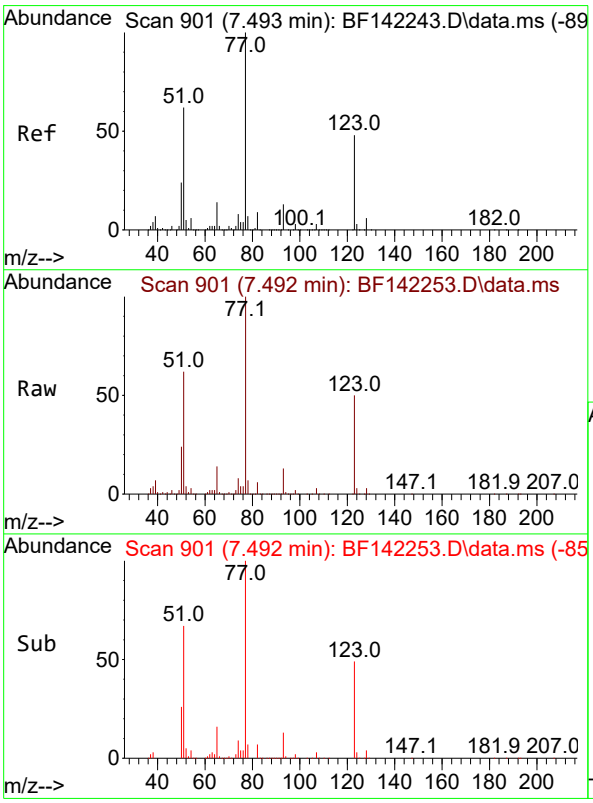
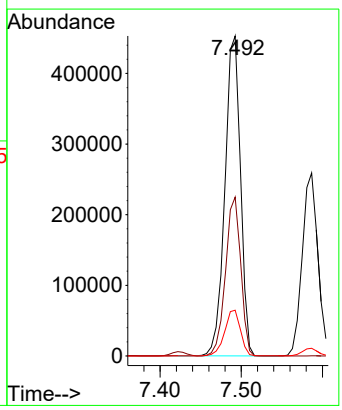
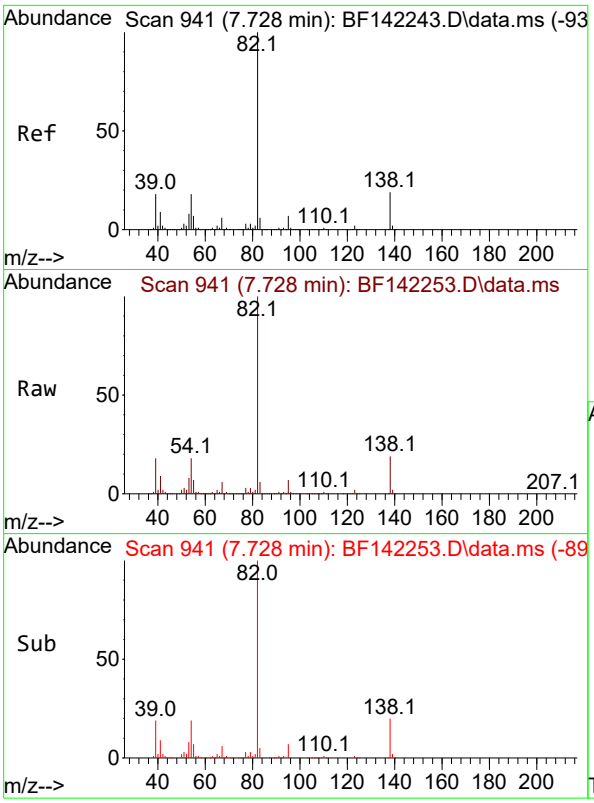


#24
Nitrobenzene
Concen: 45.294 ng
RT: 7.492 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion: 77 Resp: 605776

Ion	Ratio	Lower	Upper
77	100		
123	49.7	38.6	58.0
65	14.3	11.5	17.3





#25
Isophorone
Concen: 41.096 ng
RT: 7.728 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion: 82 Resp: 117565

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	19.4	15.3	22.9

Instrument :
BNA_F
ClientSampleId :
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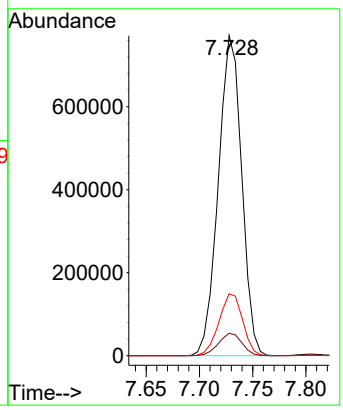
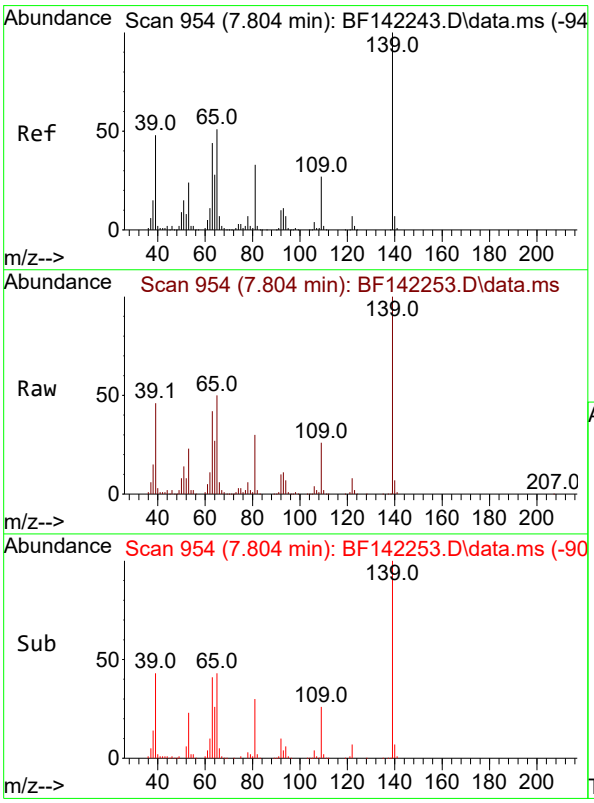
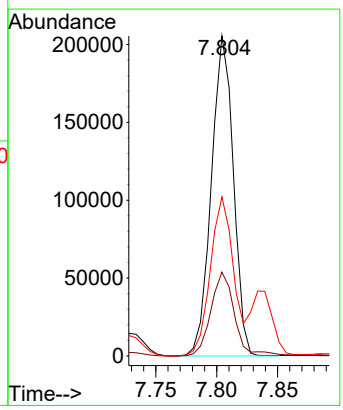


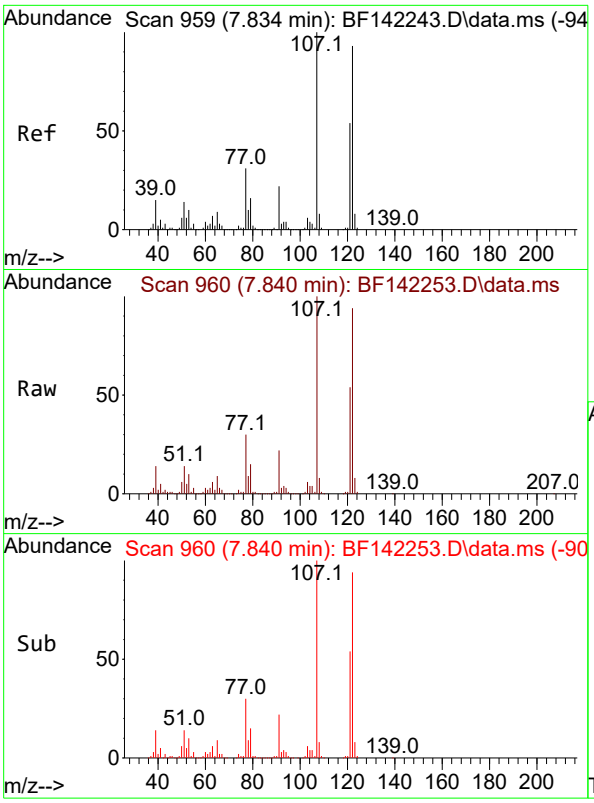


#26
2-Nitrophenol
Concen: 46.327 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:139 Resp: 258365

Ion	Ratio	Lower	Upper
139	100		
109	26.2	21.8	32.8
65	49.7	41.1	61.7

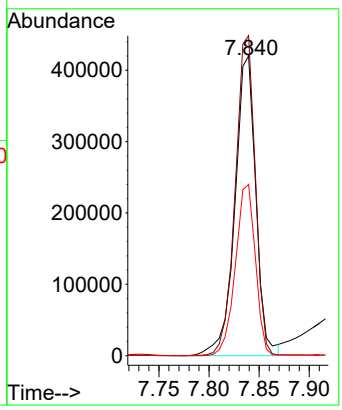




#27
2,4-Dimethylphenol
Concen: 42.472 ng
RT: 7.840 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:122 Resp: 61259

Ion	Ratio	Lower	Upper
122	100		
107	106.7	86.0	129.0
121	57.2	46.3	69.5



Instrument :
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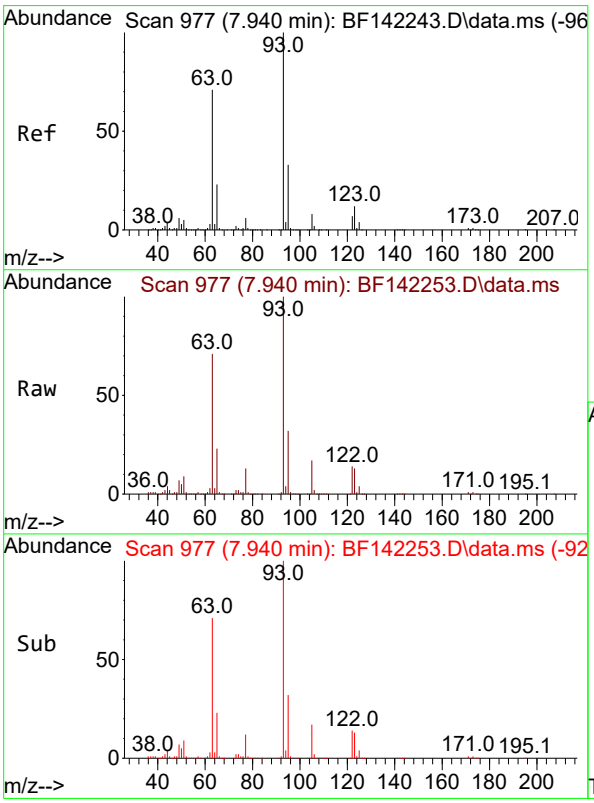
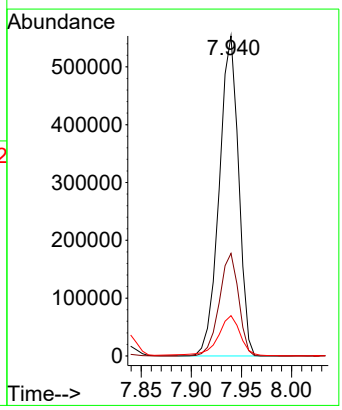
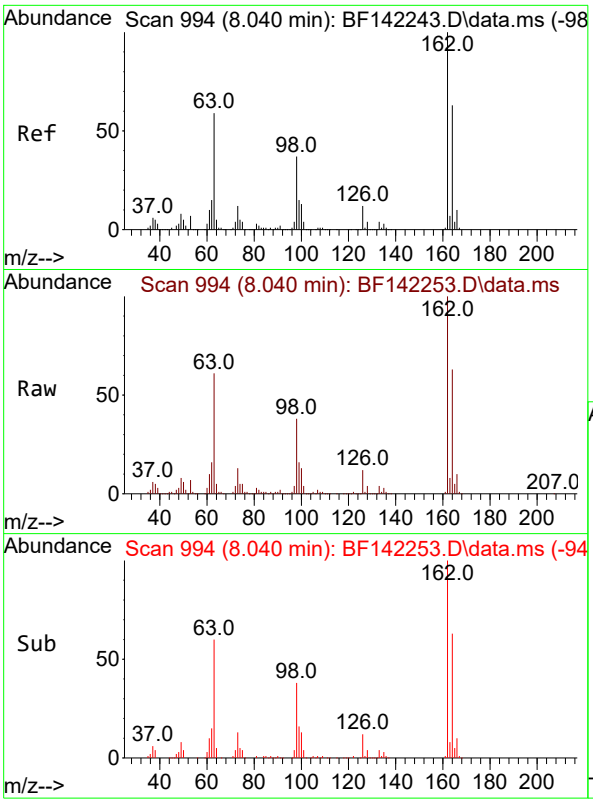


#28
bis(2-Chloroethoxy)methane
Concen: 41.043 ng
RT: 7.940 min Scan# 977
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion: 93 Resp: 740492

Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.2	39.2
123	12.6	9.7	14.5





#29
2,4-Dichlorophenol
Concen: 43.259 ng
RT: 8.040 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:162 Resp: 52164

Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.0	83.0
98	37.8	16.7	56.7

Instrument :
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ClientSampleId :
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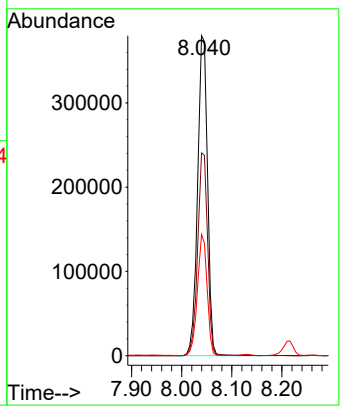
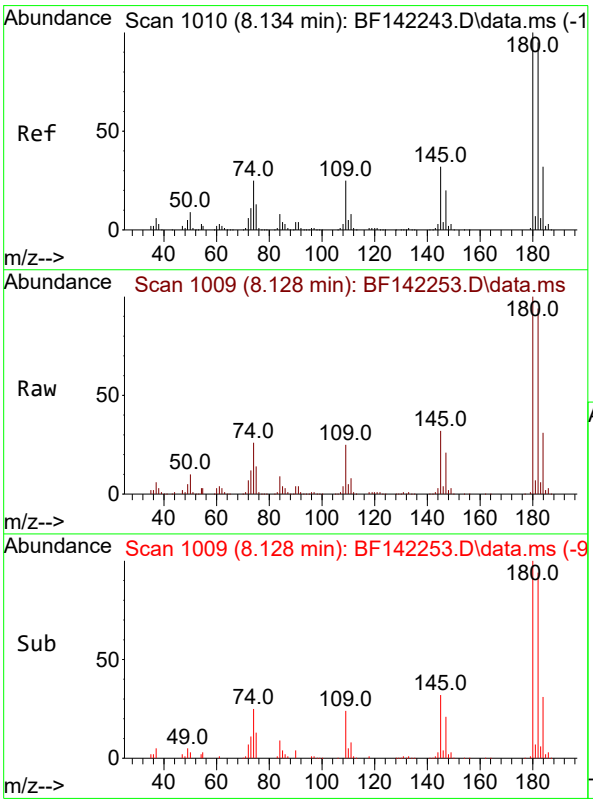
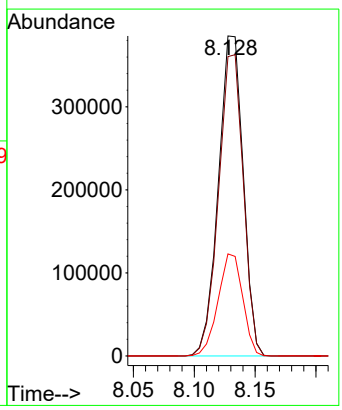


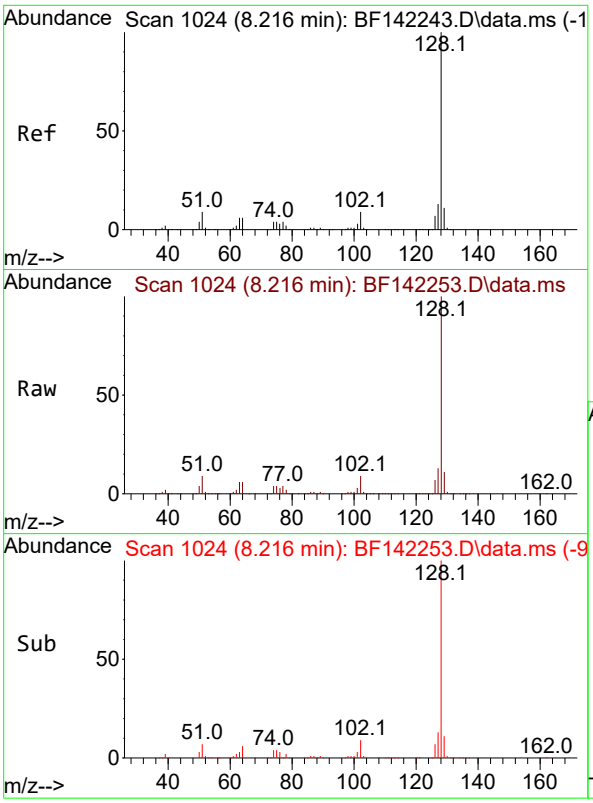


#30
1,2,4-Trichlorobenzene
Concen: 40.582 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:180 Resp: 546079

Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.7	113.5
145	31.9	25.4	38.0





#31
Naphthalene
Concen: 39.820 ng
RT: 8.216 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:128 Resp: 177832

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.1	10.6	15.8

Instrument :
BNA_F
ClientSampleId :
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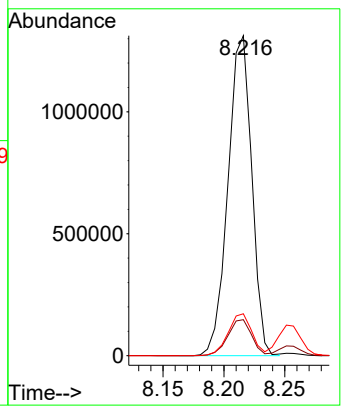
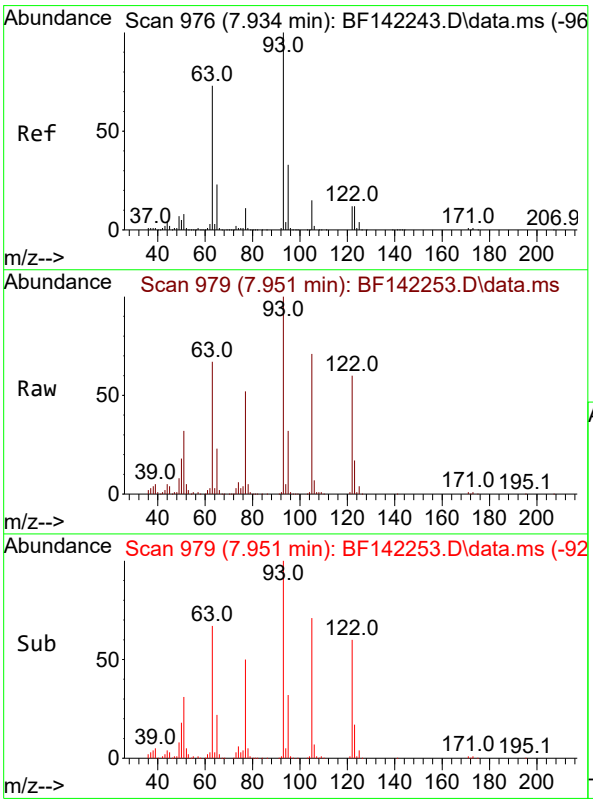
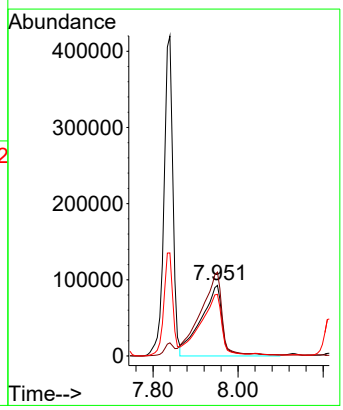


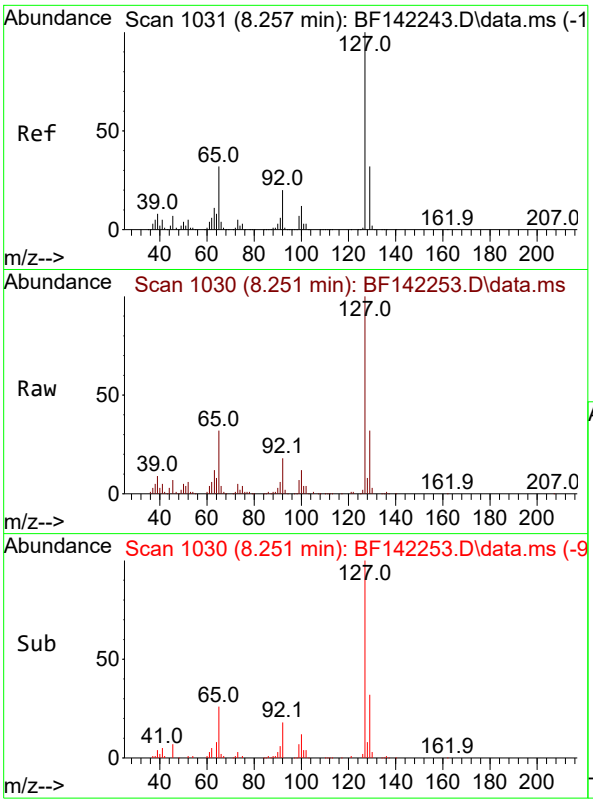


#32
Benzoic acid
Concen: 48.183 ng m
RT: 7.951 min Scan# 979
Delta R.T. 0.017 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:122 Resp: 331051

Ion	Ratio	Lower	Upper
122	100		
105	118.7	98.2	138.2
77	87.4	66.8	106.8

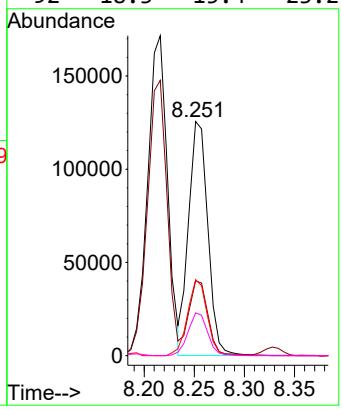




#33
4-Chloroaniline
Concen: 9.036 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:127 Resp: 16804

Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	32.5	25.5	38.3
92	18.3	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
PB167798BSD

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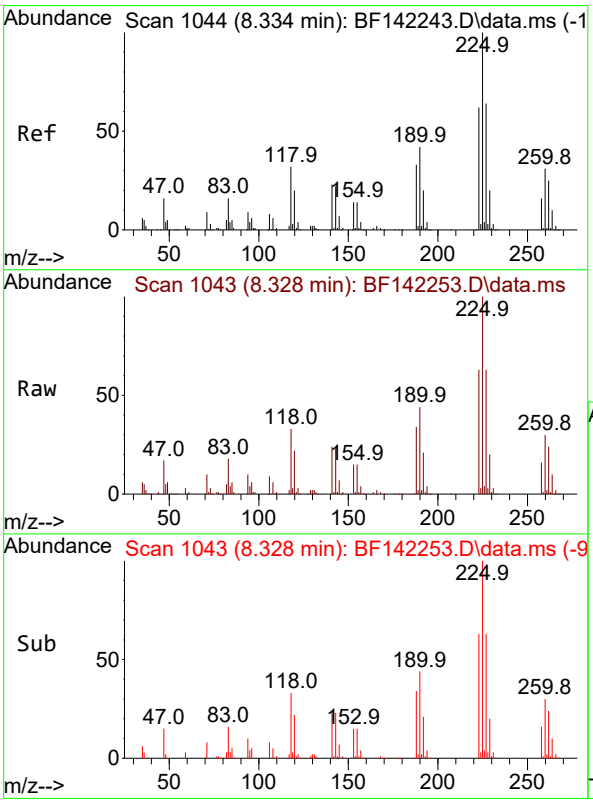
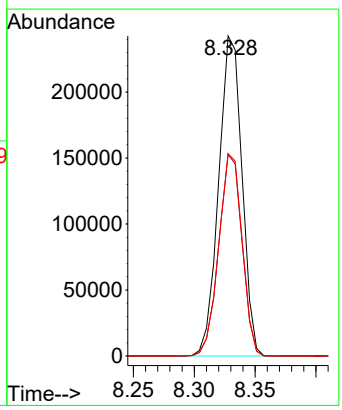
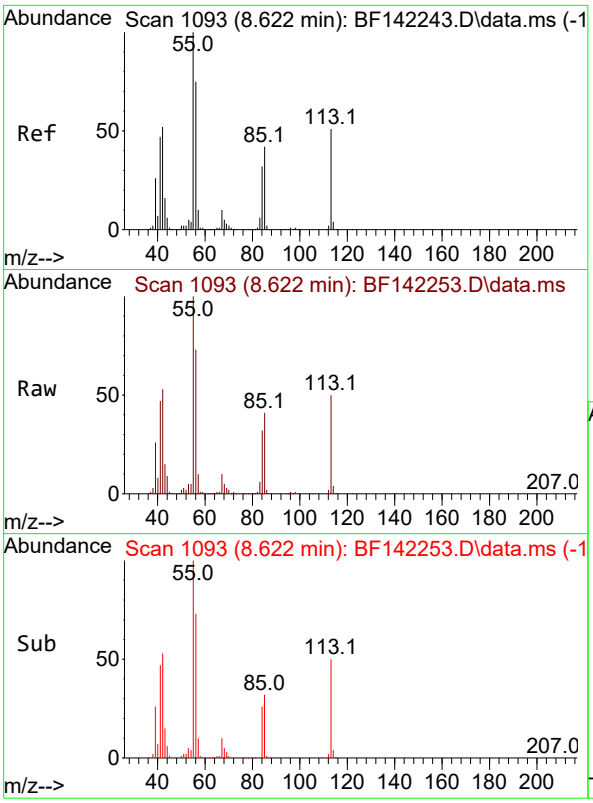


#34
Hexachlorobutadiene
Concen: 41.113 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:225 Resp: 322773

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.7	74.5
227	63.3	51.0	76.4

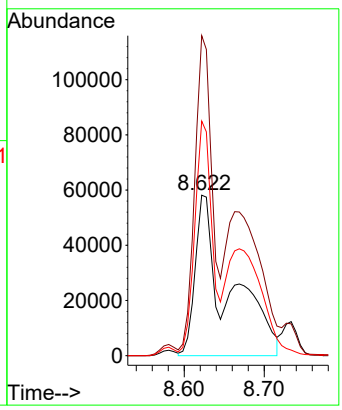




#35
Caprolactam
Concen: 46.407 ng m
RT: 8.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:113 Resp: 16820

Ion	Ratio	Lower	Upper
113	100		
55	199.5	177.7	217.7
56	146.2	127.1	167.1



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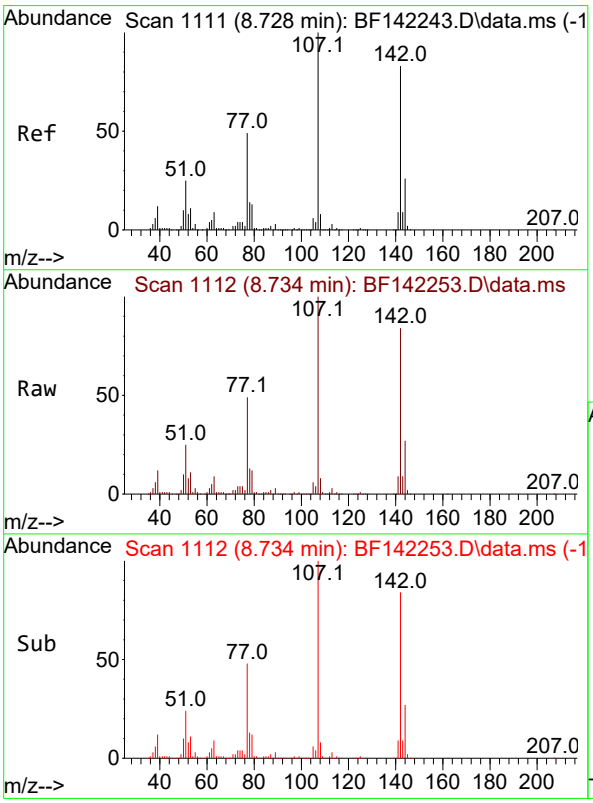
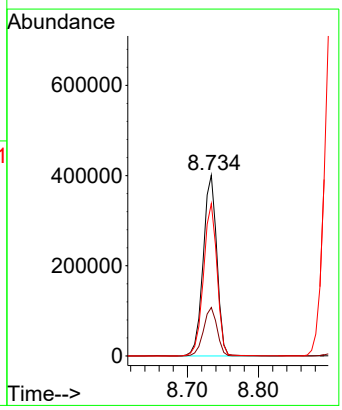
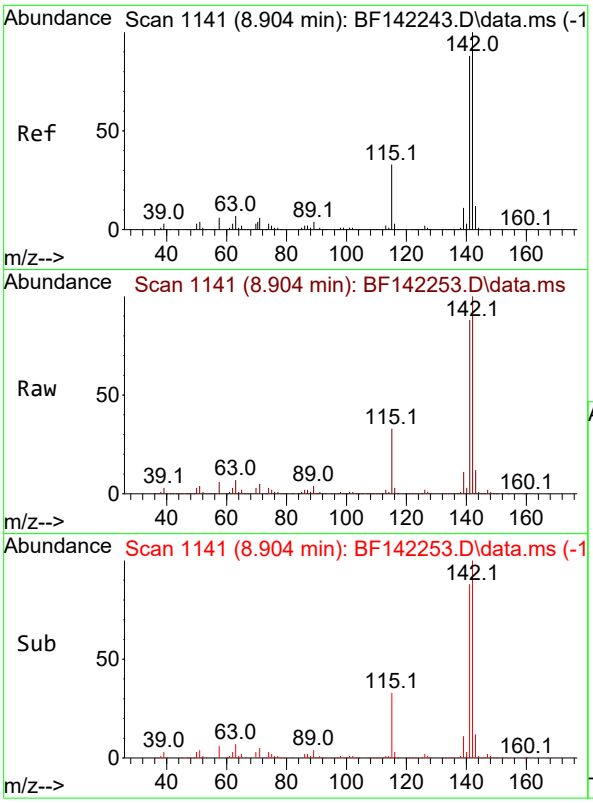


#36
4-Chloro-3-methylphenol
Concen: 43.445 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:107 Resp: 537952

Ion	Ratio	Lower	Upper
107	100		
144	26.9	21.0	31.4
142	84.2	66.1	99.1

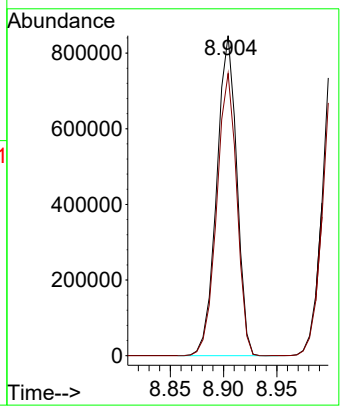




#37
2-Methylnaphthalene
Concen: 40.241 ng
RT: 8.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:142 Resp: 110493

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.5	105.7



Instrument :
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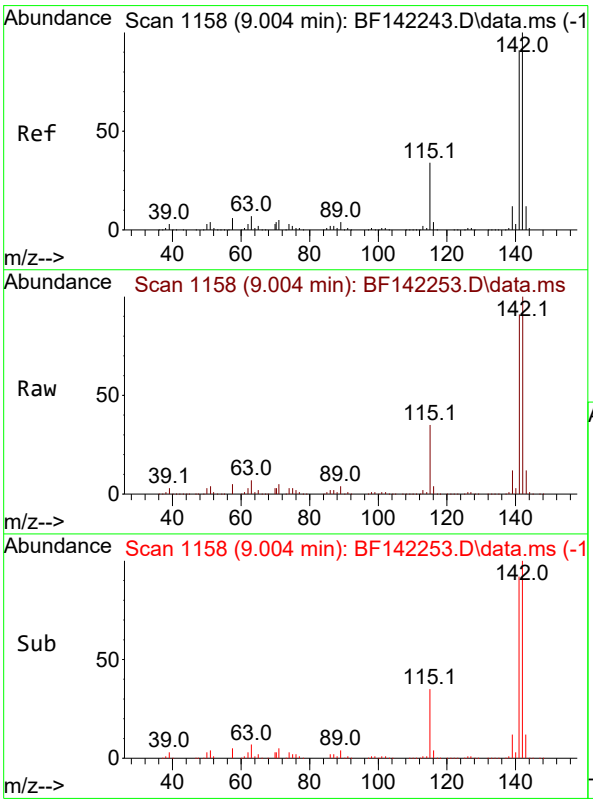
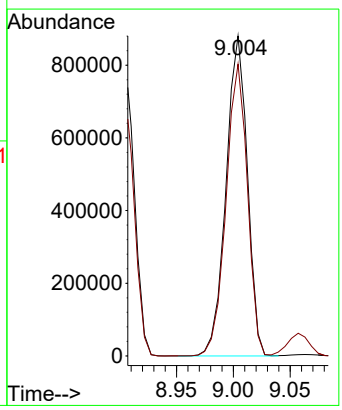
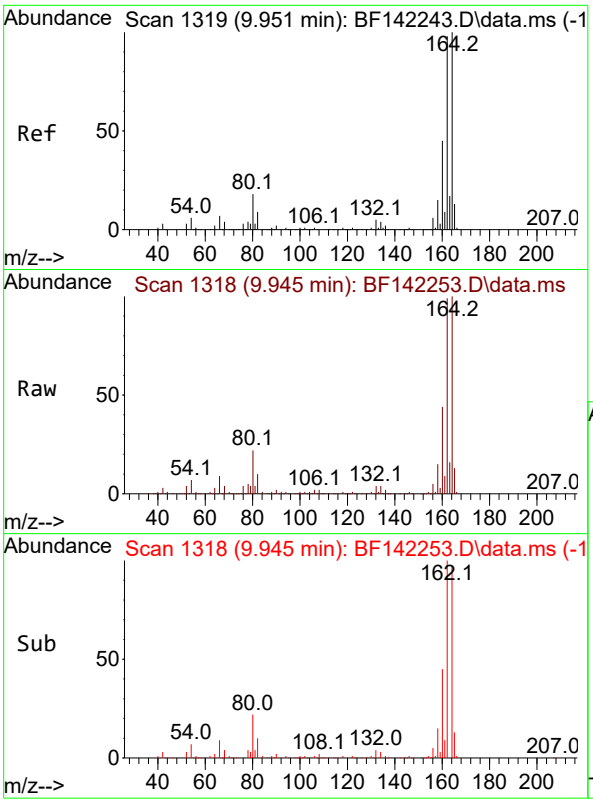


#38
1-Methylnaphthalene
Concen: 40.445 ng
RT: 9.004 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:142 Resp: 1150453

Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.8	109.2

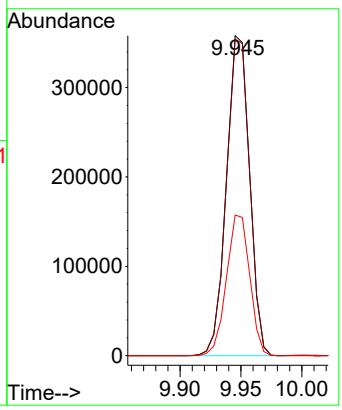




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:164 Resp: 47203

Ion	Ratio	Lower	Upper
164	100		
162	99.0	78.6	117.8
160	44.0	35.7	53.5



Instrument :
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ClientSampleId :
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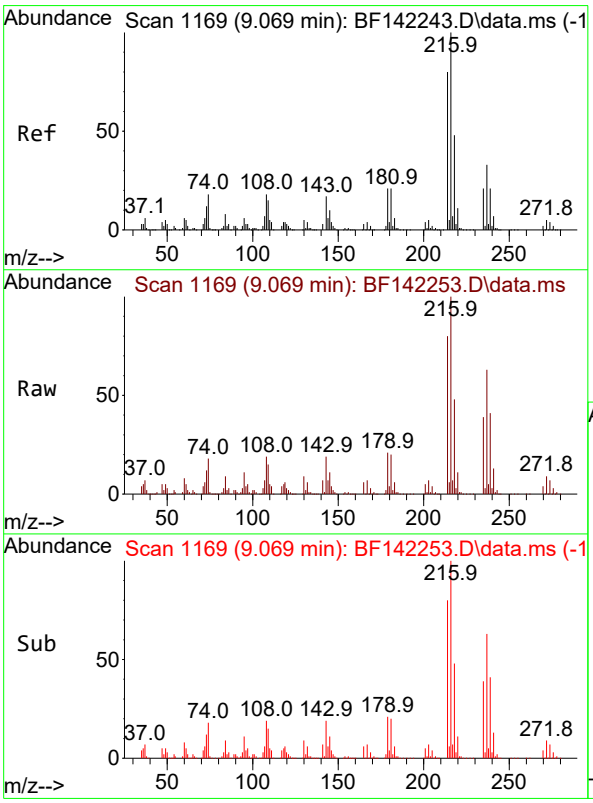
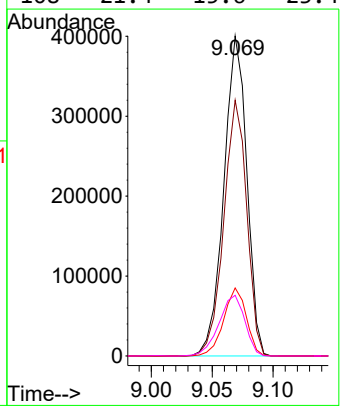
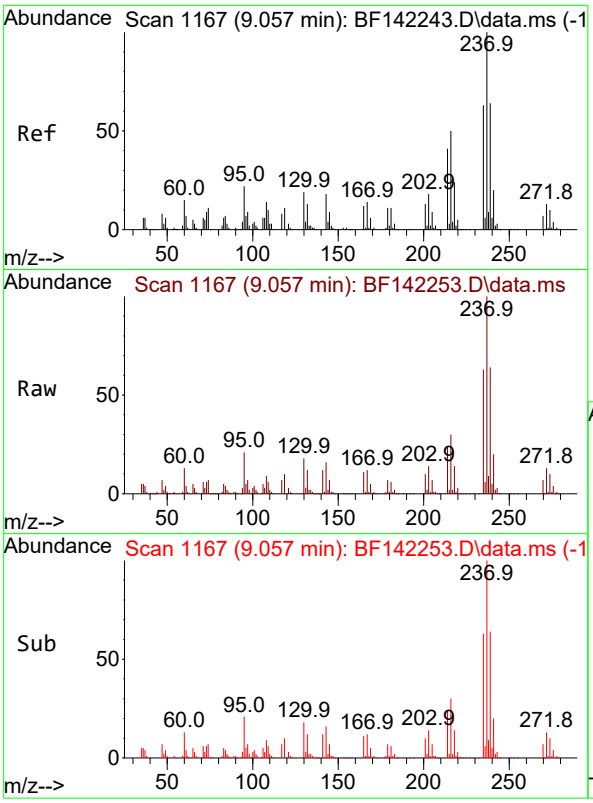


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.515 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:216 Resp: 524934

Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.8	95.6
179	21.0	16.7	25.1
108	21.4	15.6	23.4

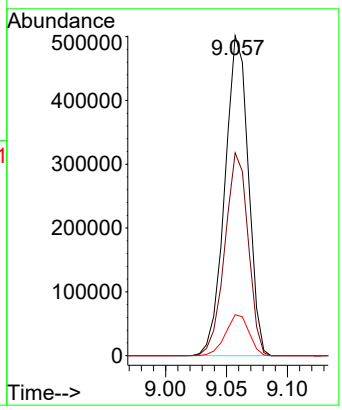




#41
Hexachlorocyclopentadiene
Concen: 89.128 ng
RT: 9.057 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:237 Resp: 67198

Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.5	83.5
272	12.8	0.0	32.9



Instrument :
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ClientSampleId :
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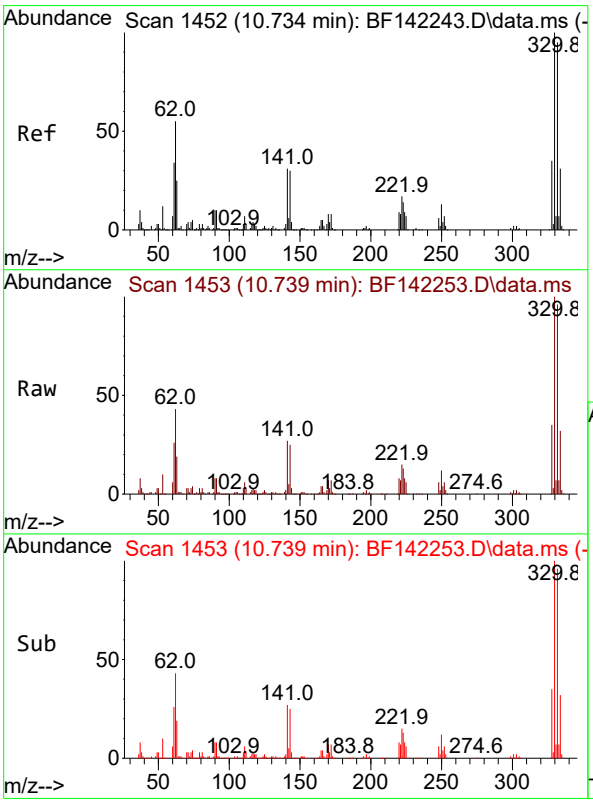
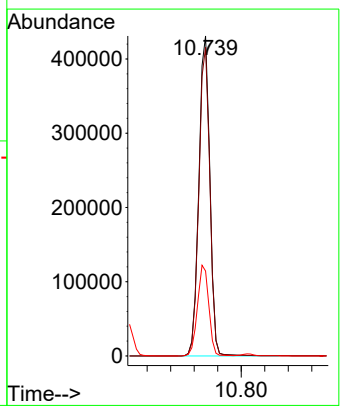
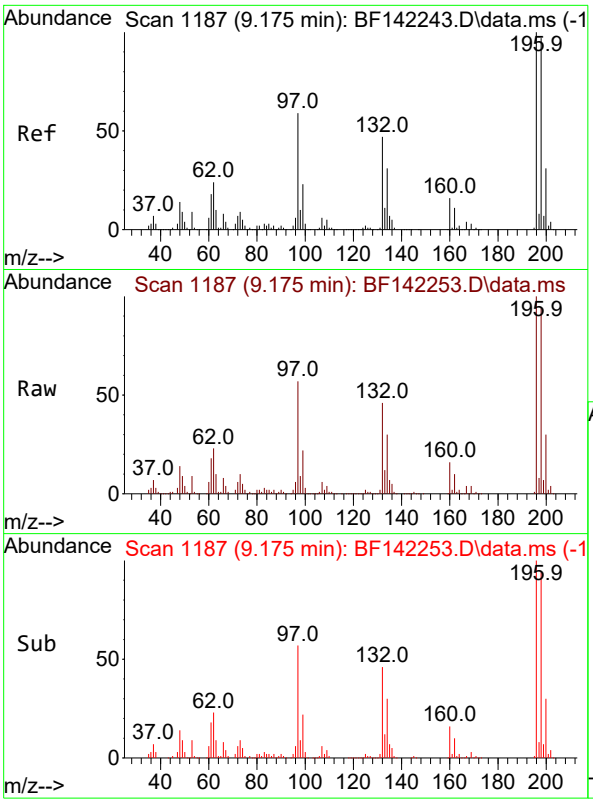


#42
2,4,6-Tribromophenol
Concen: 129.885 ng
RT: 10.739 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:330 Resp: 558926

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.5	114.7
141	29.3	24.3	36.5

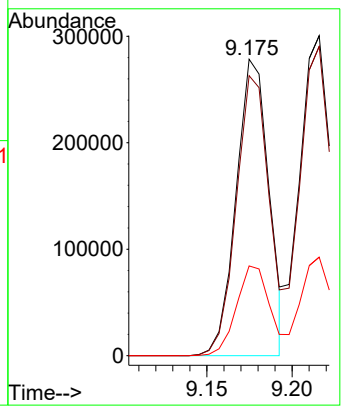




#43
2,4,6-Trichlorophenol
Concen: 45.244 ng
RT: 9.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:196 Resp: 37245

Ion	Ratio	Lower	Upper
196	100		
198	94.4	77.4	116.2
200	30.3	24.6	37.0



Instrument :
BNA_F
ClientSampleId :
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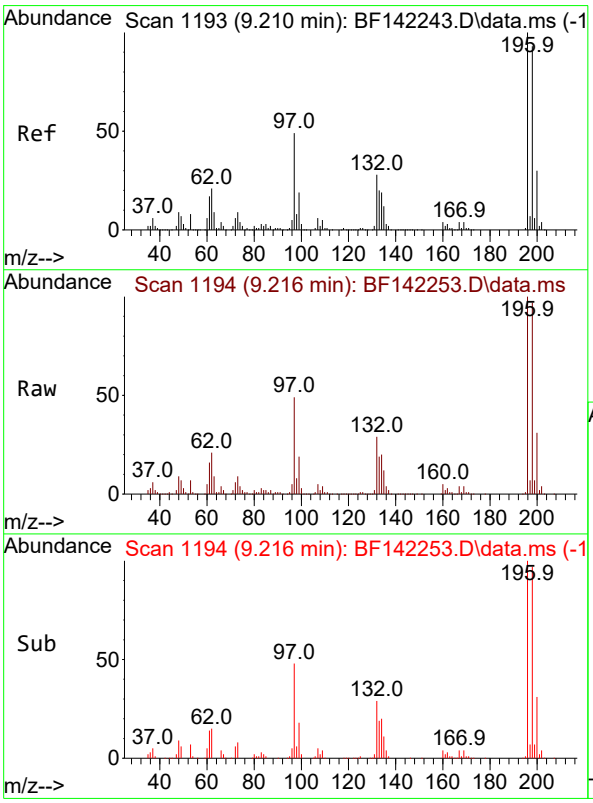
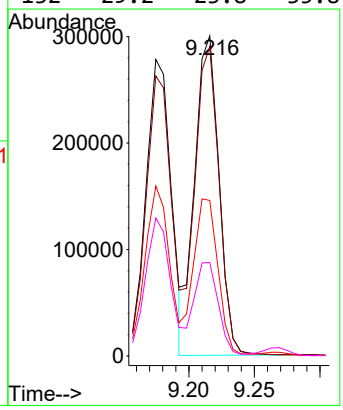
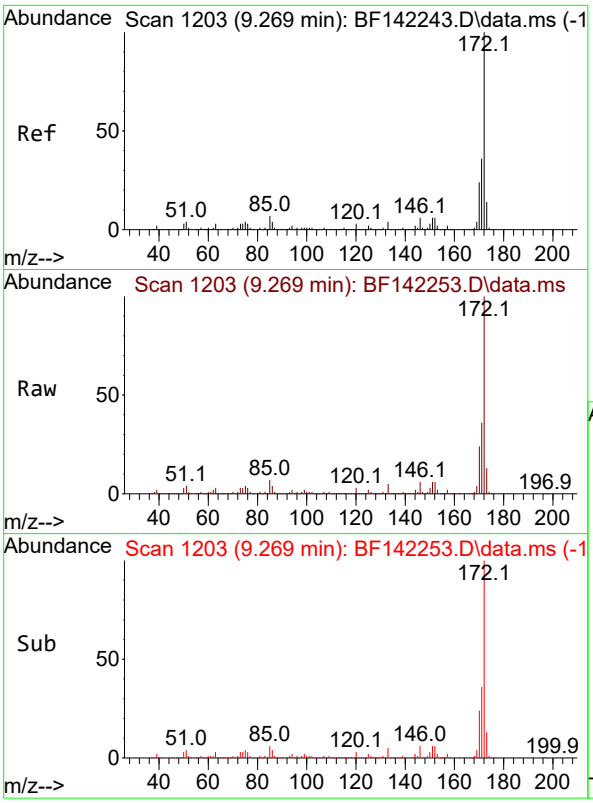


#44
2,4,5-Trichlorophenol
Concen: 44.810 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:196 Resp: 387830

Ion	Ratio	Lower	Upper
196	100		
198	96.6	75.2	112.8
97	48.6	39.8	59.8
132	29.2	23.8	35.8

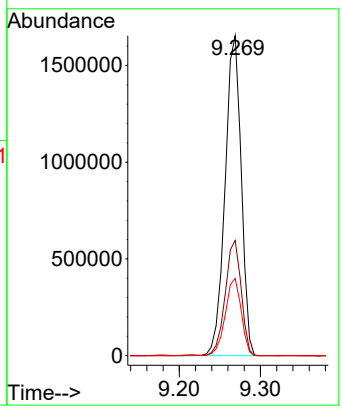




#45
2-Fluorobiphenyl
Concen: 68.240 ng
RT: 9.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:172 Resp: 228457

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.2	19.4	29.0



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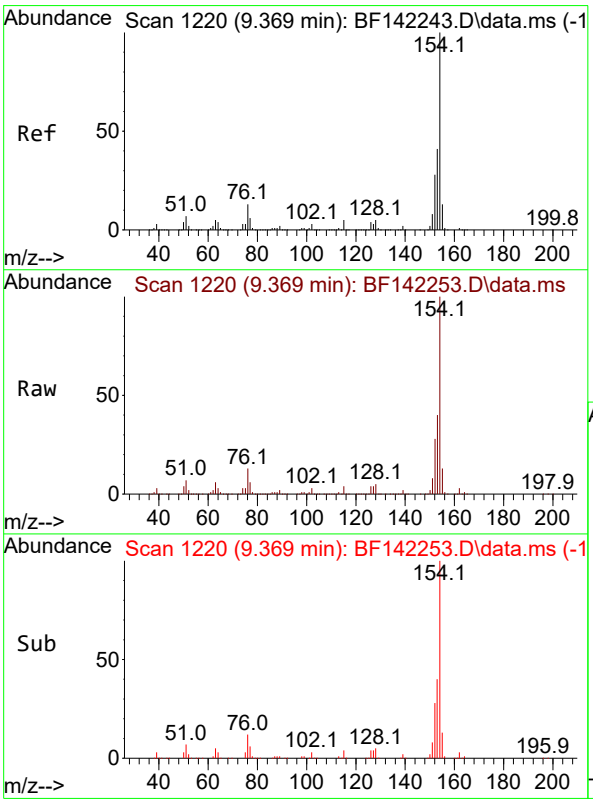
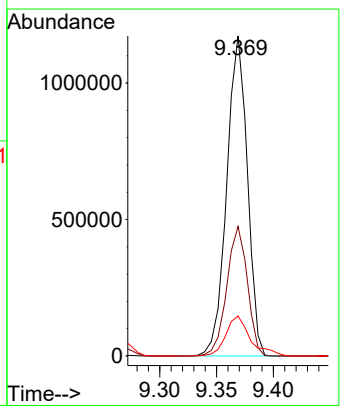
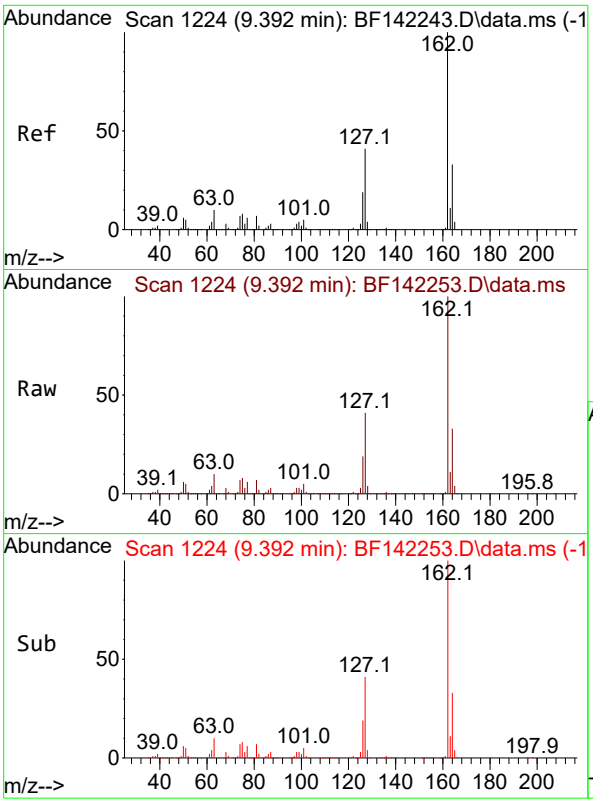


#46
1,1'-Biphenyl
Concen: 40.340 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:154 Resp: 1480347

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.5	60.5
76	12.5	0.0	32.8

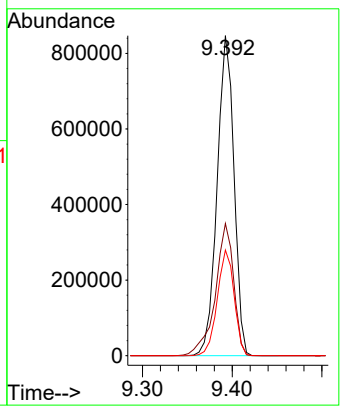




#47
2-Chloronaphthalene
Concen: 40.476 ng
RT: 9.392 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:162 Resp: 110508

Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.6	49.0
164	33.0	26.1	39.1



Instrument :
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ClientSampleId :
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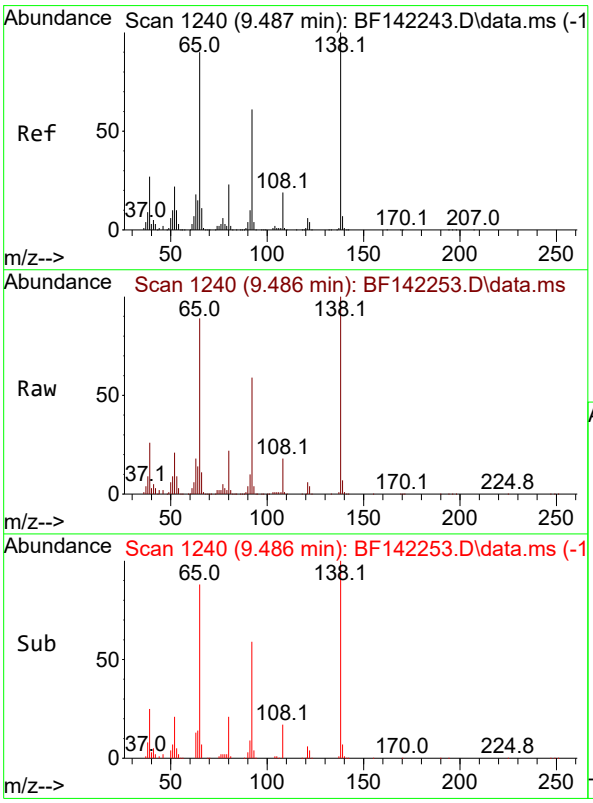
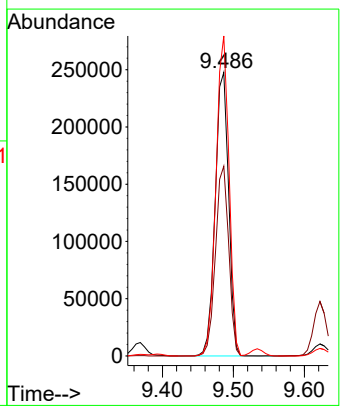
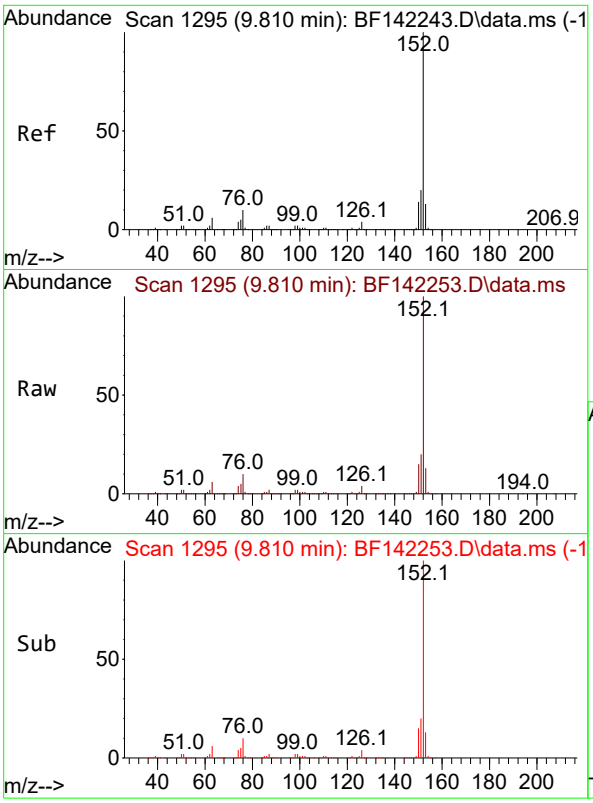


#48
2-Nitroaniline
Concen: 45.363 ng
RT: 9.486 min Scan# 1240
Delta R.T. -0.001 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion: 65 Resp: 324508

Ion	Ratio	Lower	Upper
65	100		
92	66.9	54.3	81.5
138	112.9	88.6	133.0

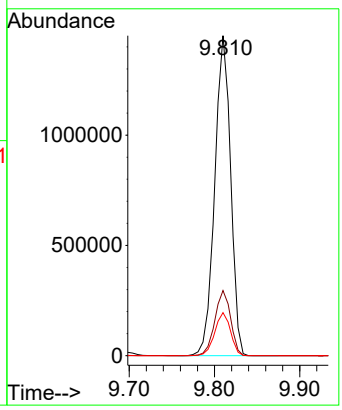




#49
Acenaphthylene
Concen: 40.794 ng
RT: 9.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:152 Resp: 187945

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	13.4	10.7	16.1



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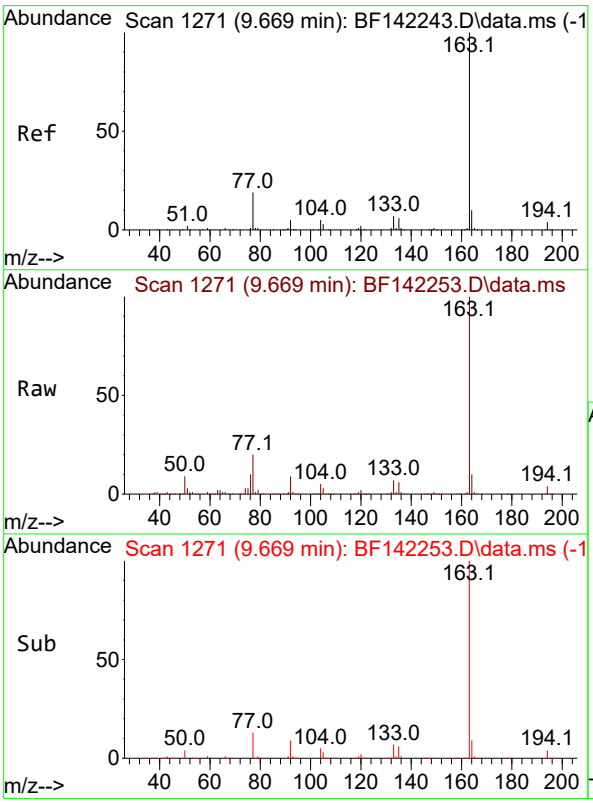
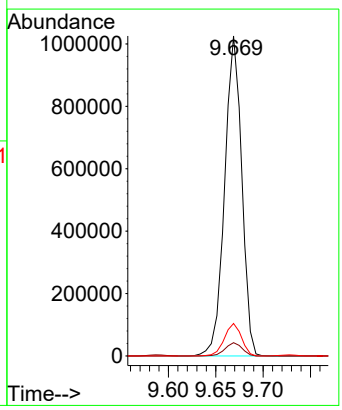
Supervised By :Jagrut Upadhyay 05/02/2025

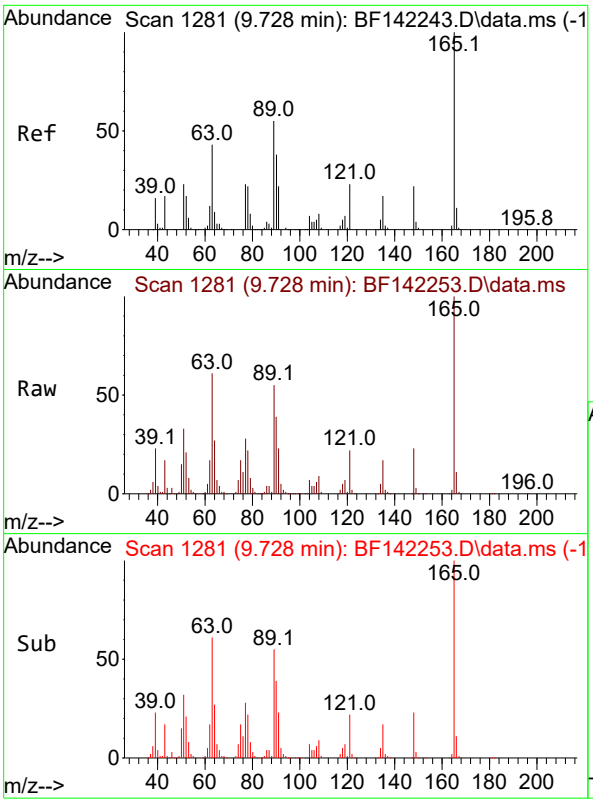


#50
Dimethylphthalate
Concen: 42.733 ng
RT: 9.669 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:163 Resp: 1290455

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.1	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 45.558 ng
RT: 9.728 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:165 Resp: 26258

Ion	Ratio	Lower	Upper
165	100		
63	61.0	48.5	72.7
89	54.8	43.9	65.9

Instrument :
BNA_F
ClientSampleId :
PB167798BSD

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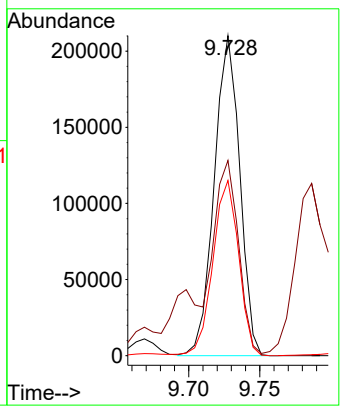
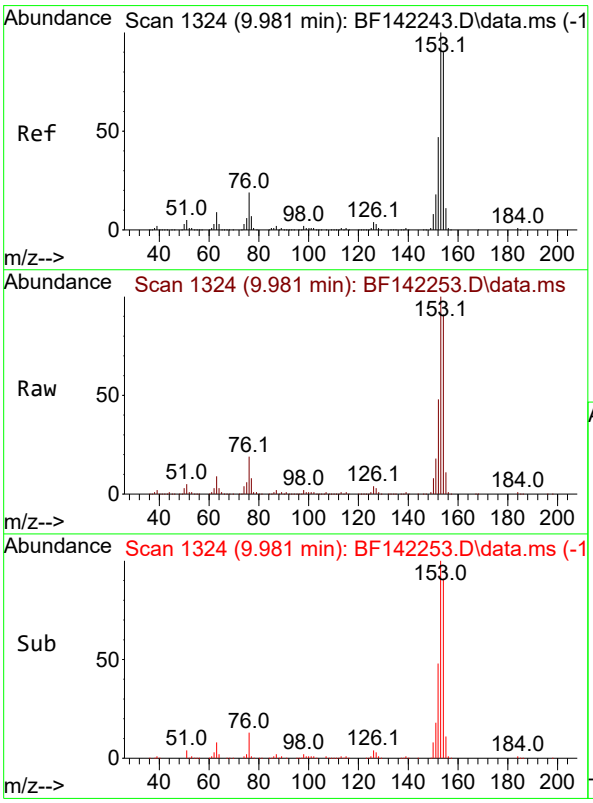
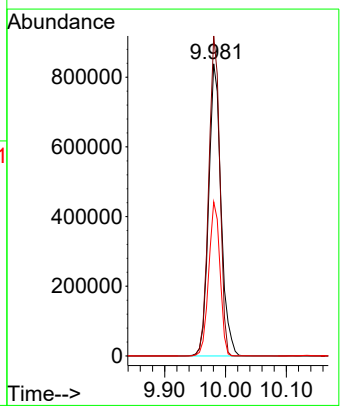


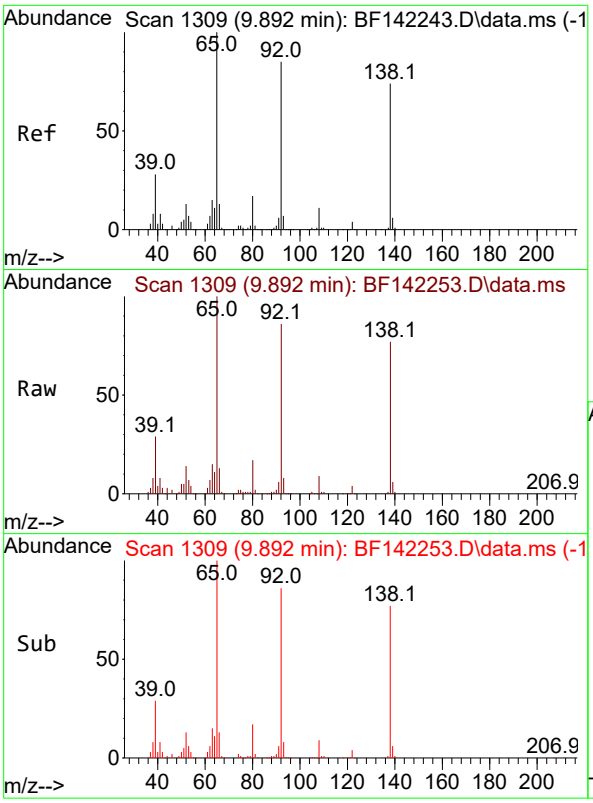


#52
Acenaphthene
Concen: 44.012 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:154 Resp: 1183957

Ion	Ratio	Lower	Upper
154	100		
153	109.6	88.6	133.0
152	52.8	42.1	63.1





#53
3-Nitroaniline
Concen: 22.378 ng
RT: 9.892 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:138 Resp: 14483

Ion	Ratio	Lower	Upper
138	100		
108	12.3	11.7	17.5
92	111.8	91.2	136.8

Instrument :
BNA_F
ClientSampleId :
PB167798BSD

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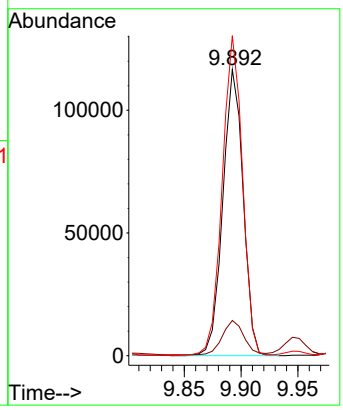
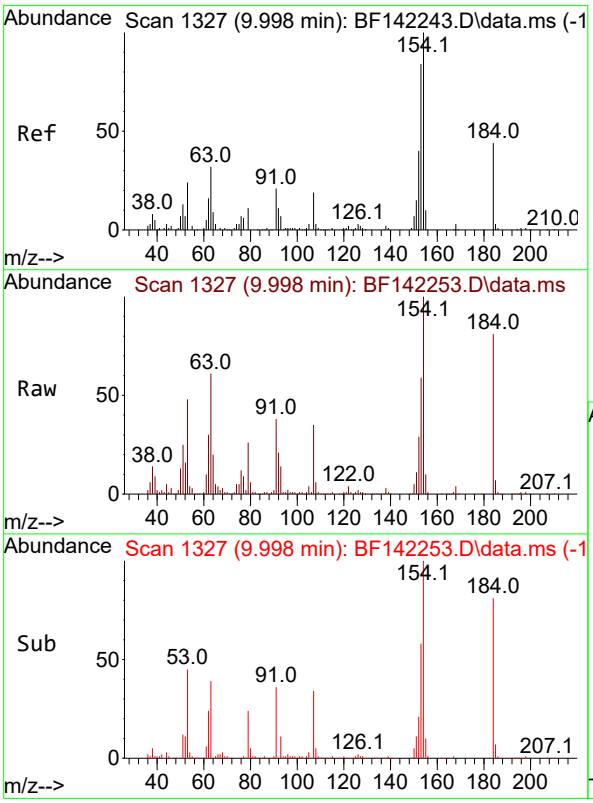
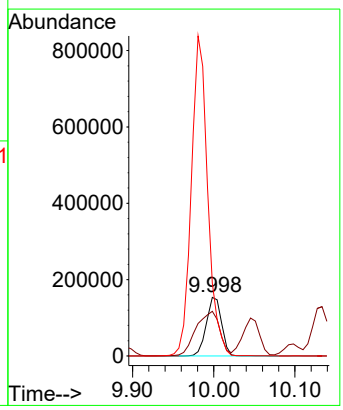


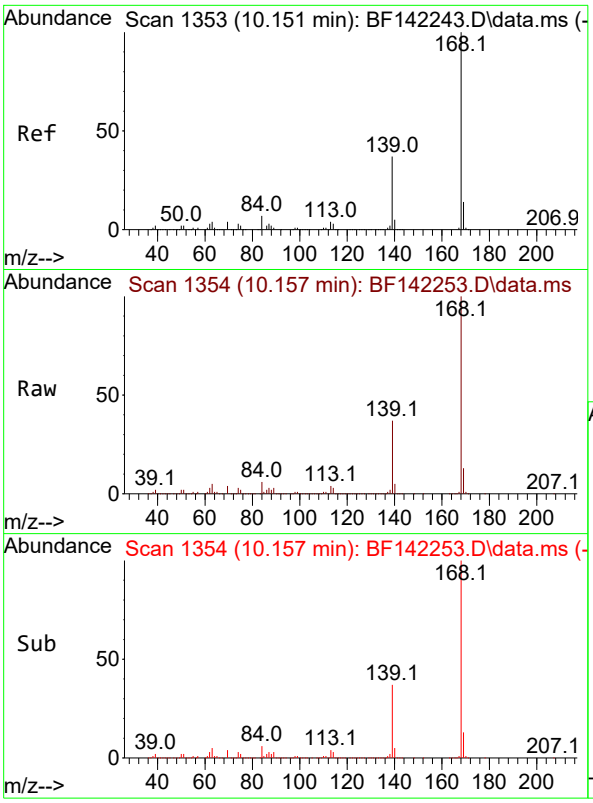


#54
2,4-Dinitrophenol
Concen: 91.584 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:184 Resp: 199878

Ion	Ratio	Lower	Upper
184	100		
63	76.1	69.2	103.8
154	124.0	271.4	407.2#

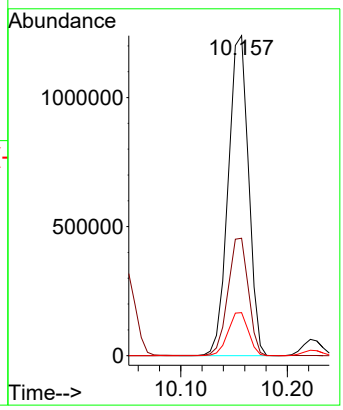




#55
Dibenzofuran
Concen: 40.663 ng
RT: 10.157 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:168 Resp: 163972

Ion	Ratio	Lower	Upper
168	100		
139	36.7	29.4	44.0
169	13.4	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
PB167798BSD

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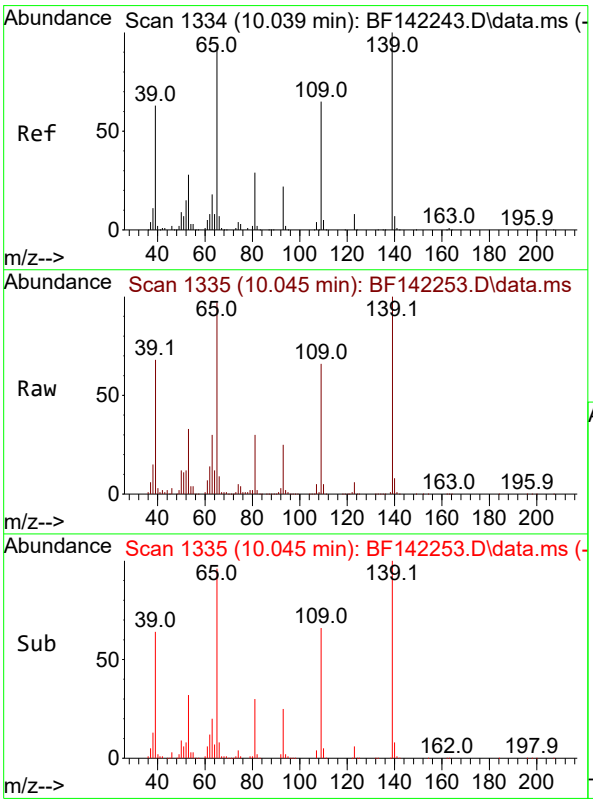
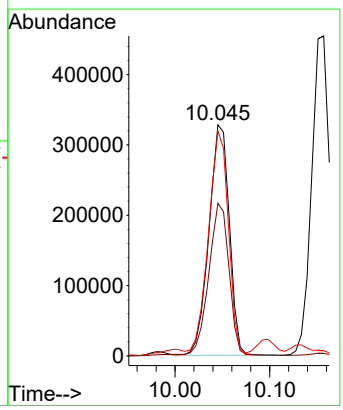
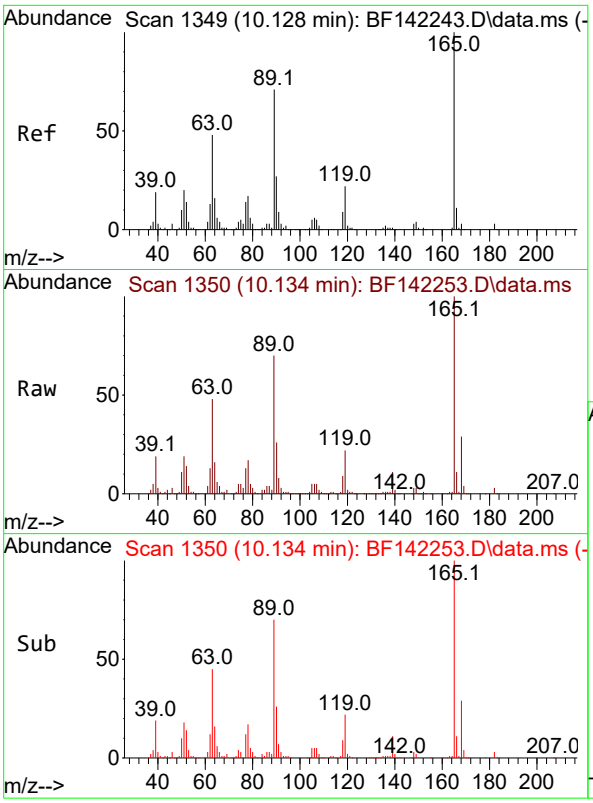


#56
4-Nitrophenol
Concen: 103.057 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:139 Resp: 489174

Ion	Ratio	Lower	Upper
139	100		
109	66.0	44.9	84.9
65	97.3	74.7	114.7

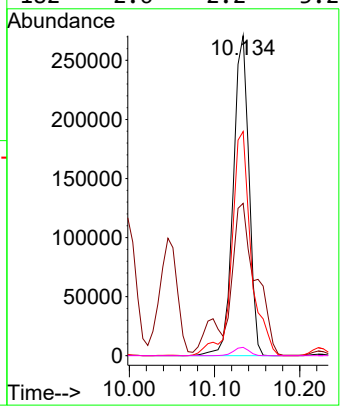




#57
2,4-Dinitrotoluene
Concen: 49.318 ng
RT: 10.134 min Scan# 1
Delta R.T. 0.005 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:165 Resp: 34688

Ion	Ratio	Lower	Upper
165	100		
63	47.6	38.8	58.2
89	70.1	57.1	85.7
182	2.6	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
PB167798BSD

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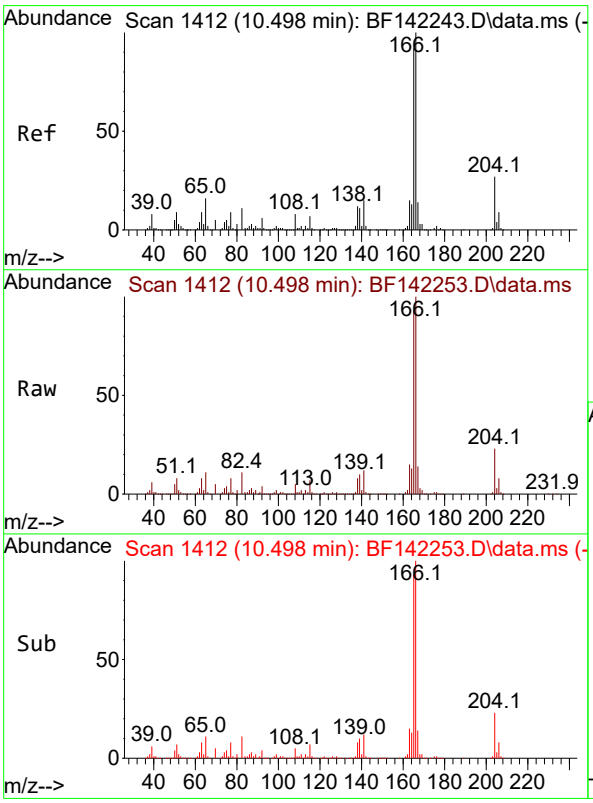
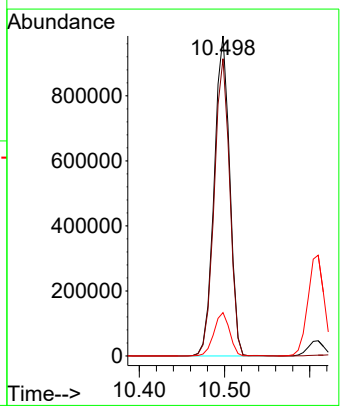
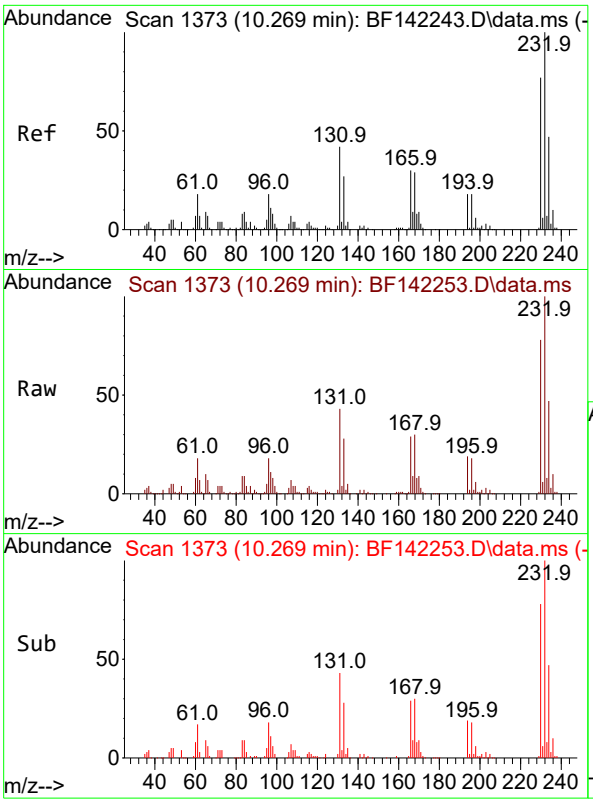


#58
Fluorene
Concen: 40.708 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:166 Resp: 1248146

Ion	Ratio	Lower	Upper
166	100		
165	92.9	73.9	110.9
167	13.6	10.8	16.2

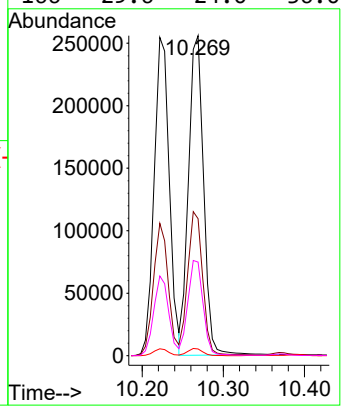




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.189 ng
RT: 10.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:232 Resp: 33114

Ion	Ratio	Lower	Upper
232	100		
131	45.0	35.9	53.9
130	2.3	1.8	2.6
166	29.6	24.0	36.0



Instrument :
BNA_F
ClientSampleId :
PB167798BSD

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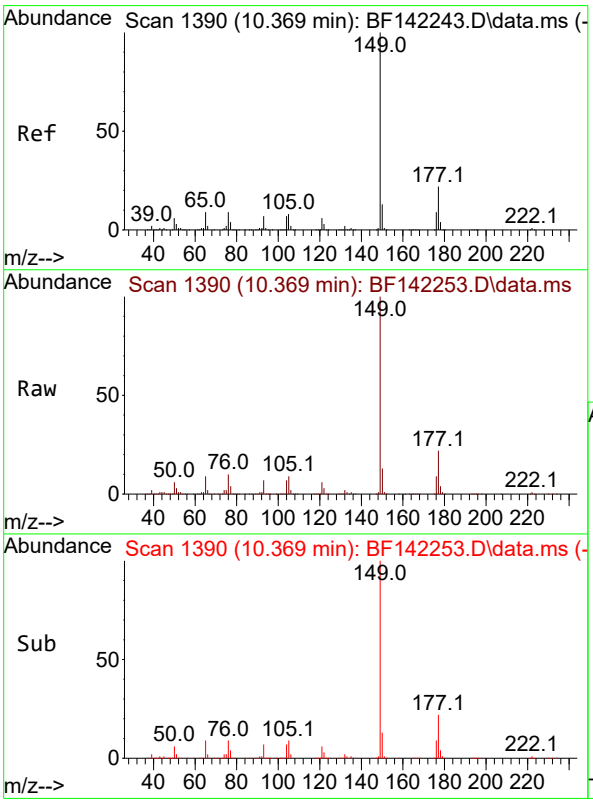
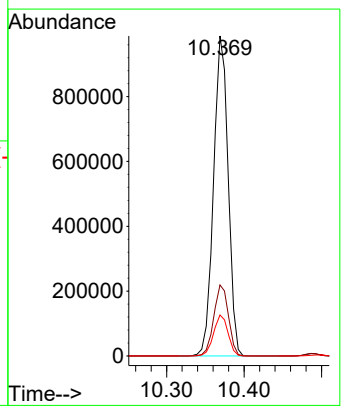
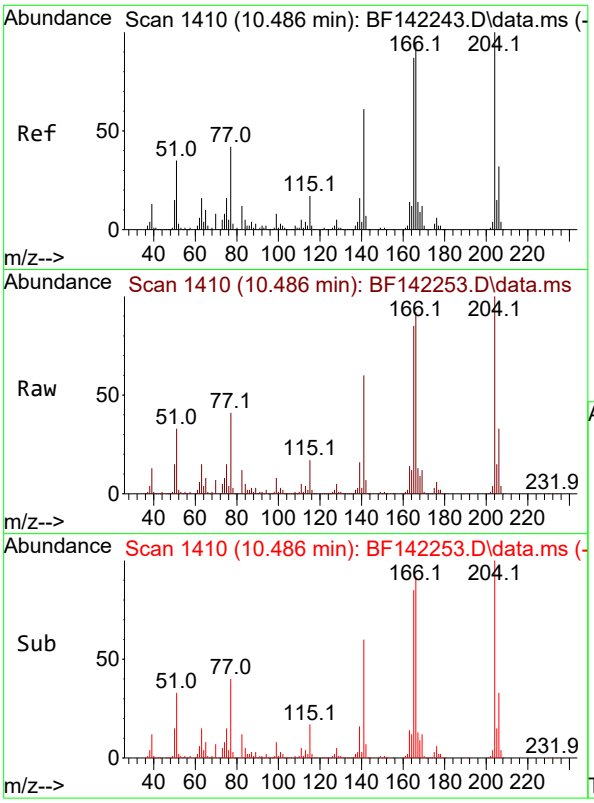


#60
Diethylphthalate
Concen: 43.172 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:149 Resp: 1287411

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.6	26.4
150	12.8	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.309 ng
RT: 10.486 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:204 Resp: 60150

Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.6	38.4
141	60.0	48.9	73.3

Instrument :
BNA_F
ClientSampleId :
PB167798BSD

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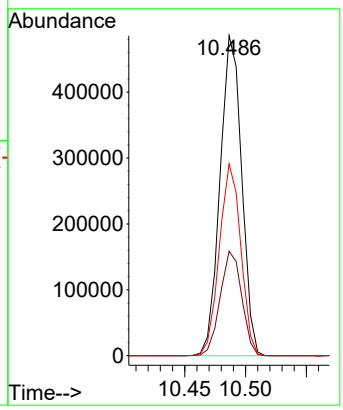
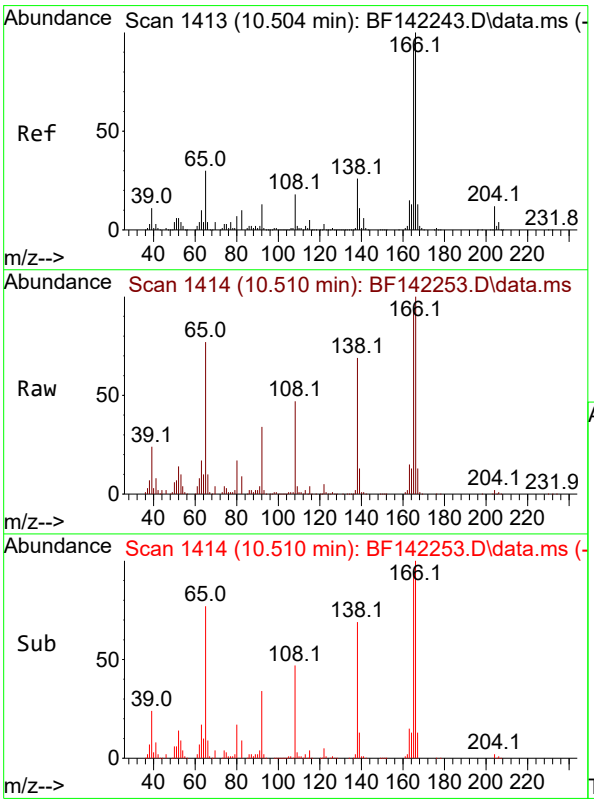
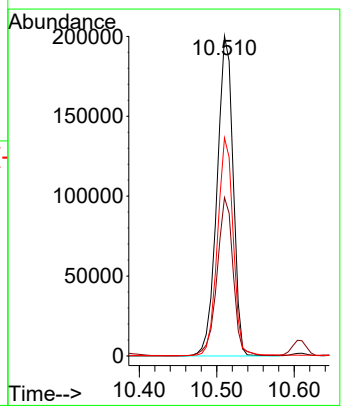


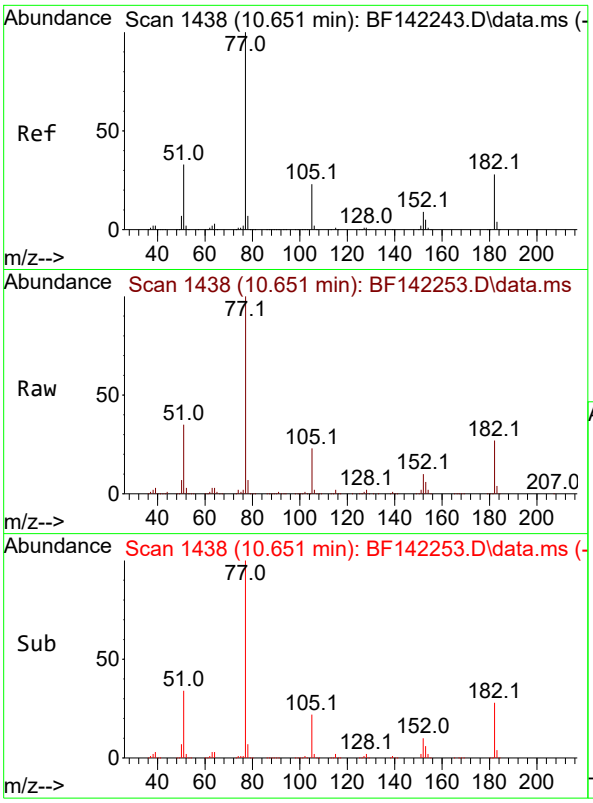


#62
4-Nitroaniline
Concen: 45.282 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:138 Resp: 288950

Ion	Ratio	Lower	Upper
138	100		
92	49.5	29.2	69.2
108	68.1	49.1	89.1





#63
Azobenzene
Concen: 41.902 ng
RT: 10.651 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Instrument :
BNA_F
ClientSampleId :
PB167798BSD

Tgt Ion: 77 Resp: 123388

Ion	Ratio	Lower	Upper
77	100		
182	27.4	7.3	47.3
105	22.8	2.5	42.5
51	34.6	14.4	54.4

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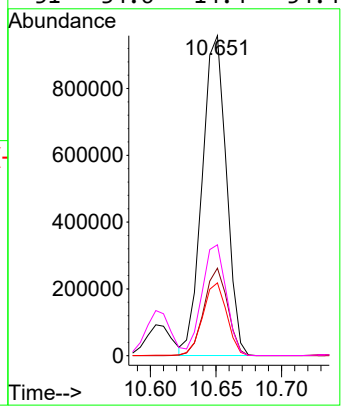
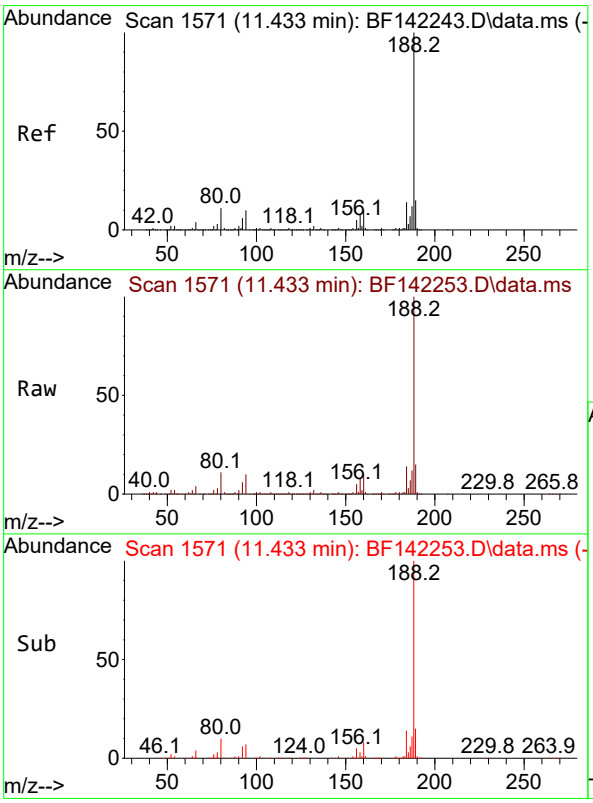
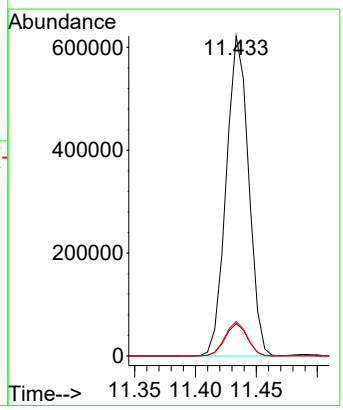


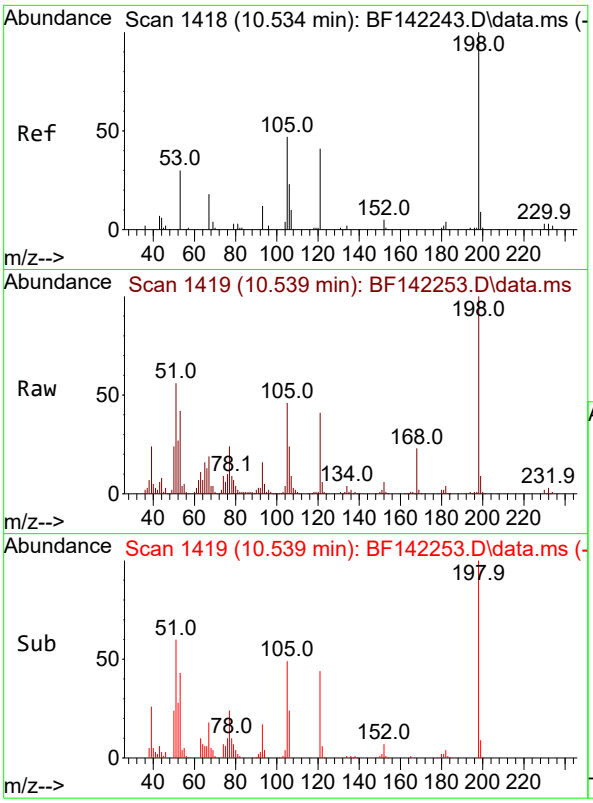


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:188 Resp: 796412

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.2	12.2
80	10.8	8.6	12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 48.731 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.005 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:198 Resp: 12838

Ion	Ratio	Lower	Upper
198	100		
51	55.7	40.6	80.6
105	45.8	29.2	69.2

Instrument :
BNA_F
ClientSampleId :
PB167798BSD

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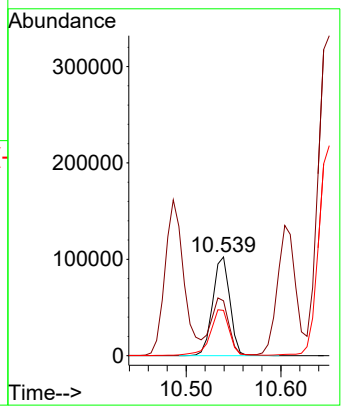
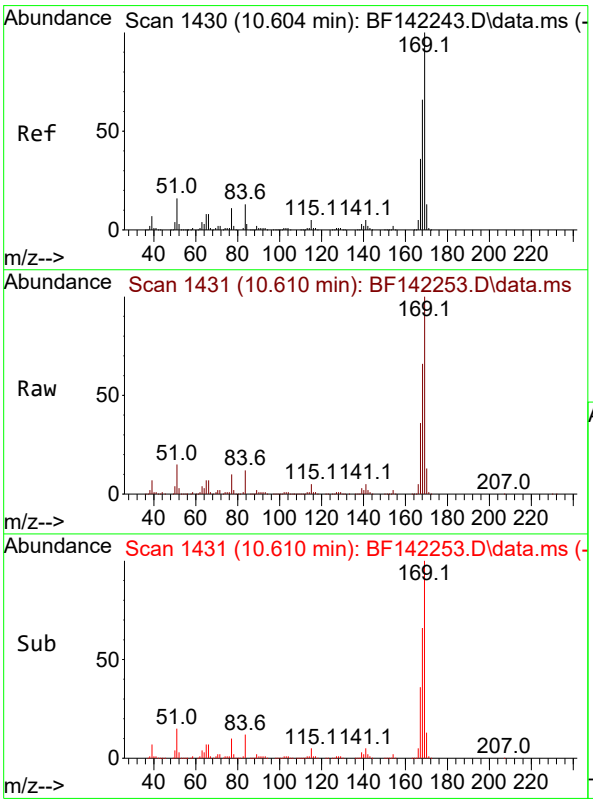
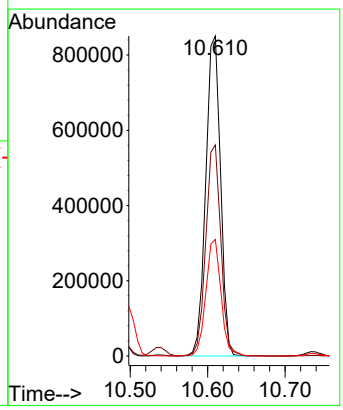


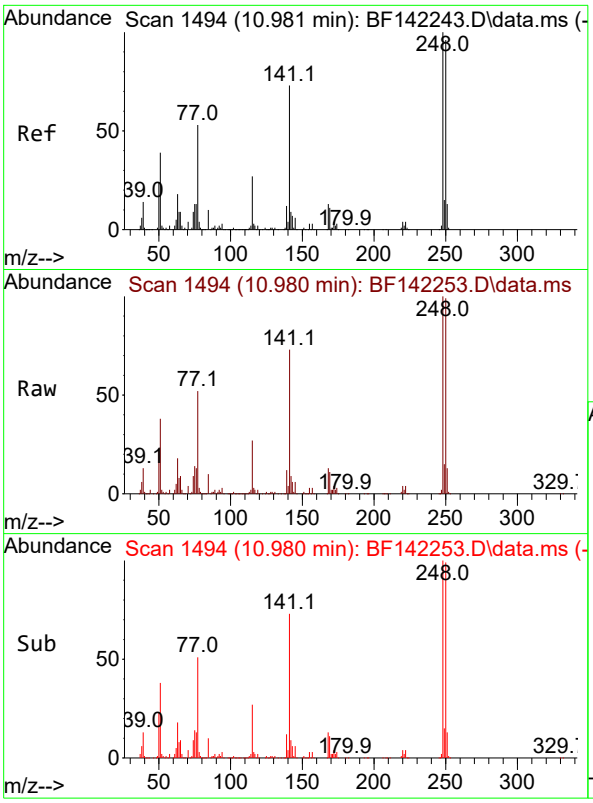


#66
n-Nitrosodiphenylamine
Concen: 41.318 ng
RT: 10.610 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:169 Resp: 1124320

Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.0	79.6
167	36.4	28.8	43.2





#67
4-Bromophenyl-phenylether
Concen: 42.436 ng
RT: 10.980 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:248 Resp: 37638

Ion	Ratio	Lower	Upper
248	100		
250	98.7	77.2	115.8
141	72.7	58.4	87.6

Instrument :
BNA_F
ClientSampleId :
PB167798BSD

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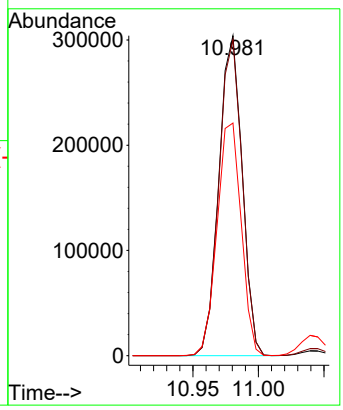
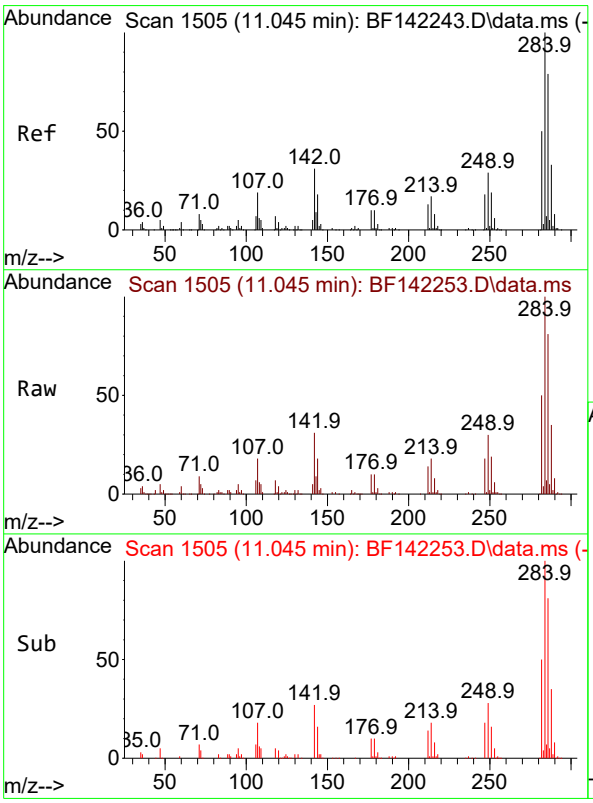
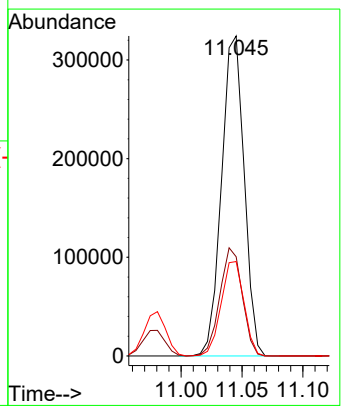


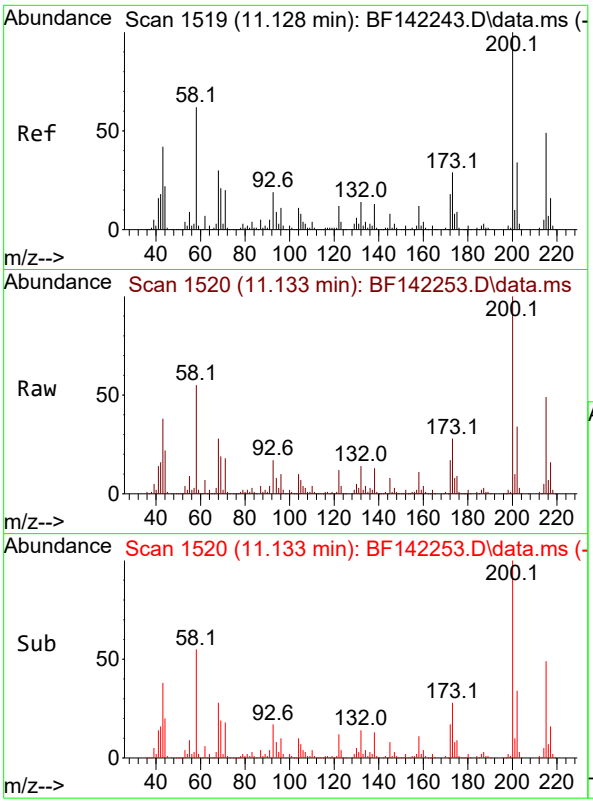


#68
Hexachlorobenzene
Concen: 42.212 ng
RT: 11.045 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:284 Resp: 419316

Ion	Ratio	Lower	Upper
284	100		
142	31.0	24.6	37.0
249	29.5	23.2	34.8

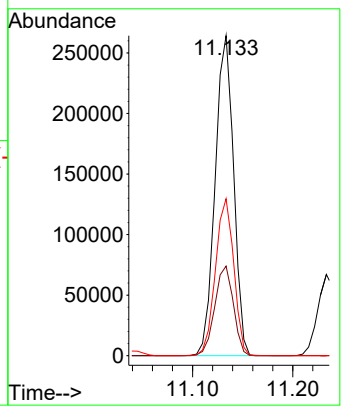




#69
Atrazine
Concen: 47.058 ng
RT: 11.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:200 Resp: 33753

Ion	Ratio	Lower	Upper
200	100		
173	28.0	8.6	48.6
215	49.0	28.5	68.5



Instrument :
BNA_F
ClientSampleId :
PB167798BSD

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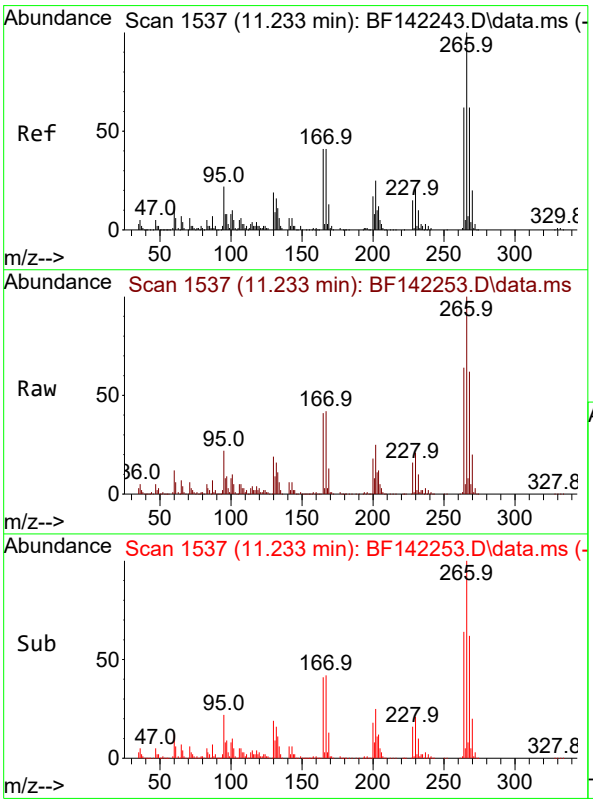
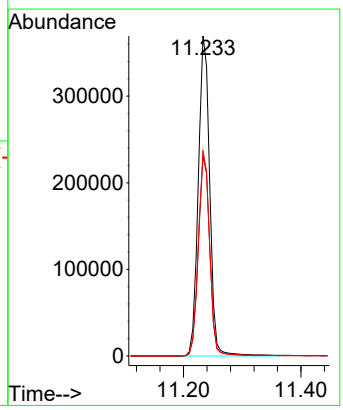
Supervised By :Jagrut Upadhyay 05/02/2025

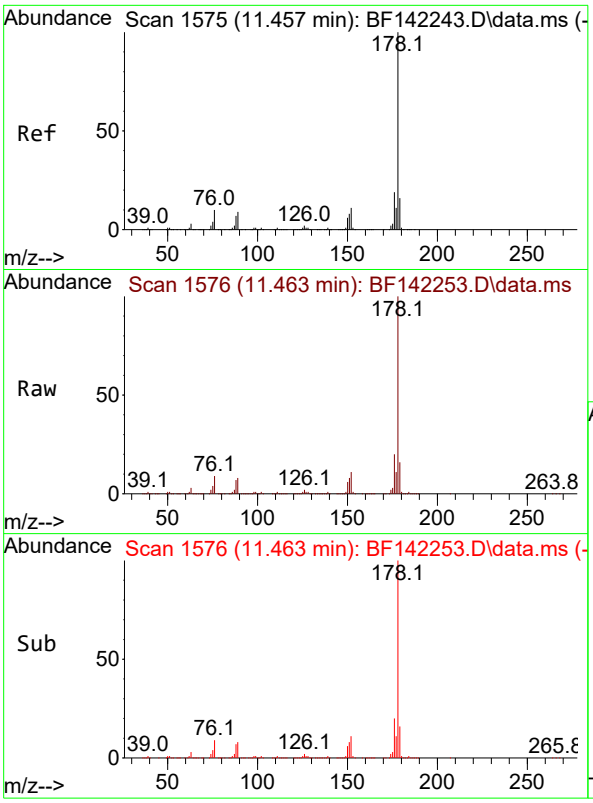


#70
Pentachlorophenol
Concen: 94.688 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:266 Resp: 496901

Ion	Ratio	Lower	Upper
266	100		
268	62.5	50.0	75.0
264	64.1	49.3	73.9

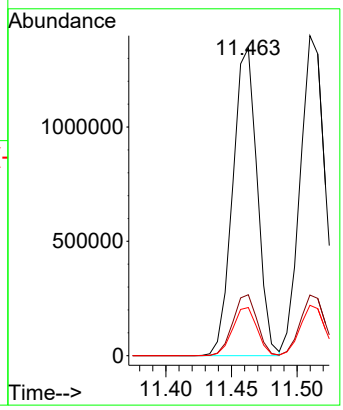




#71
Phenanthrene
Concen: 40.693 ng
RT: 11.463 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:178 Resp: 175055

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	15.7	12.6	19.0



Instrument :
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ClientSampleId :
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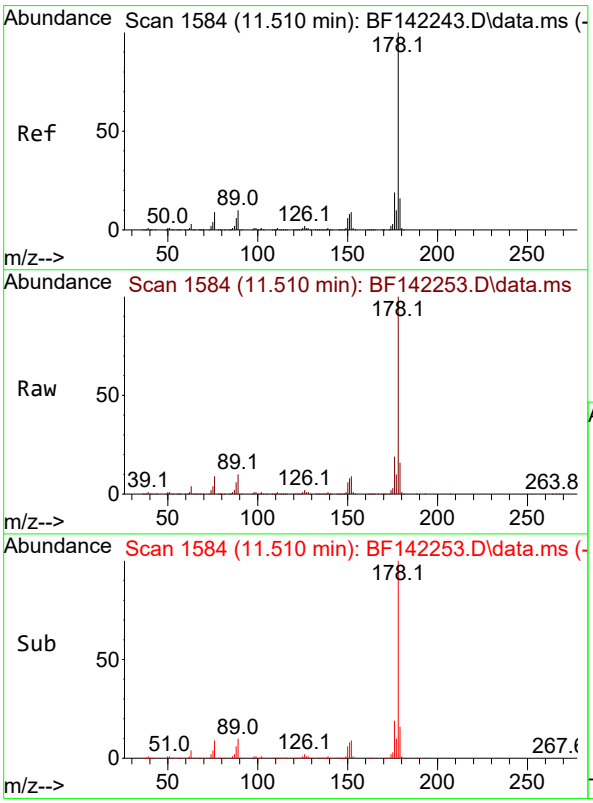
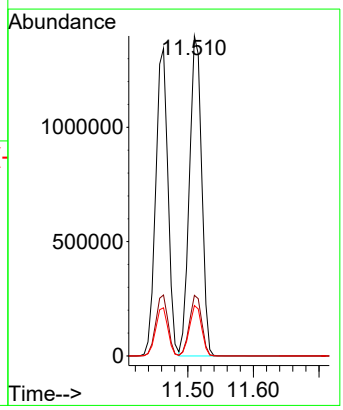
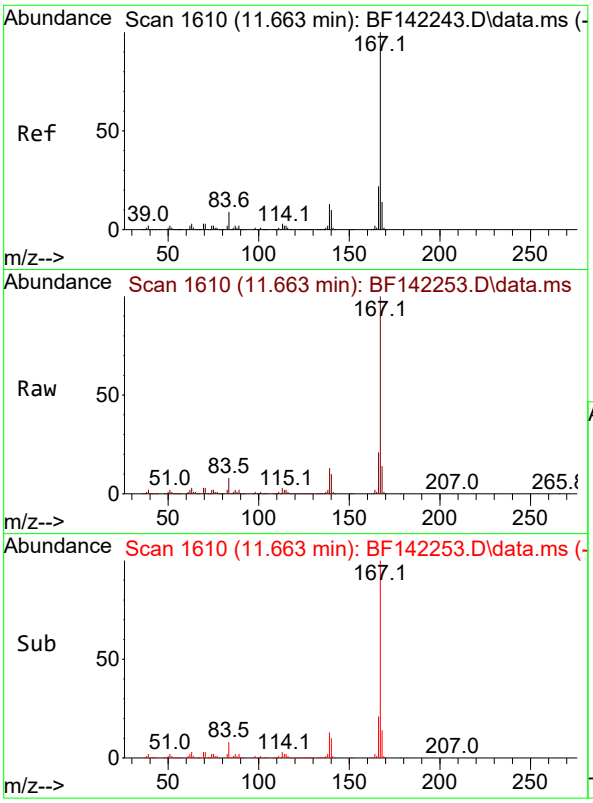


#72
Anthracene
Concen: 41.306 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:178 Resp: 1816790

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.8	12.7	19.1

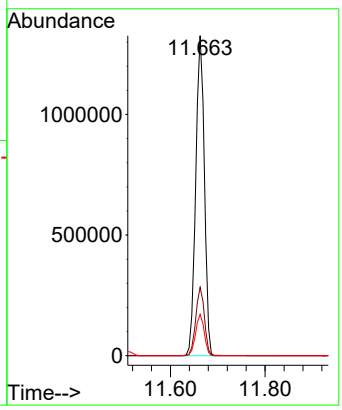




#73
Carbazole
Concen: 42.099 ng
RT: 11.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:167 Resp: 168911

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.3	25.9
139	12.9	10.3	15.5



Instrument :
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ClientSampleId :
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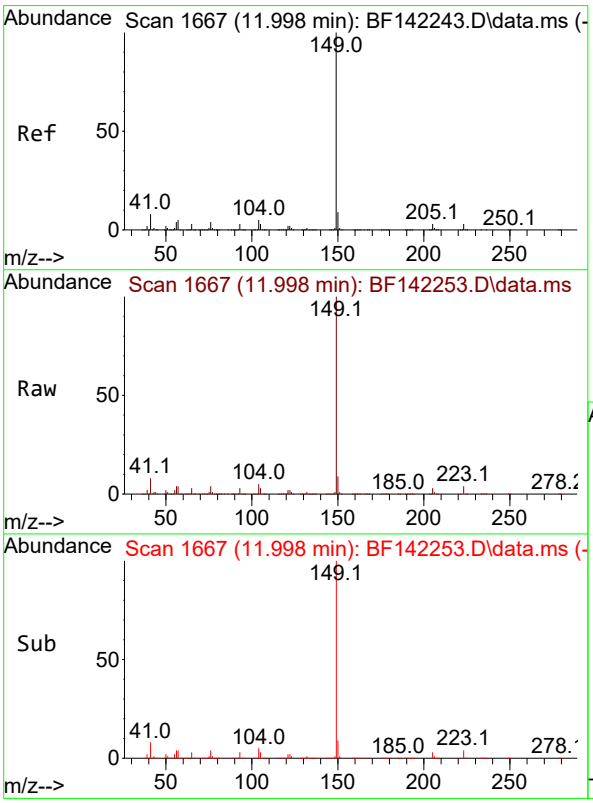
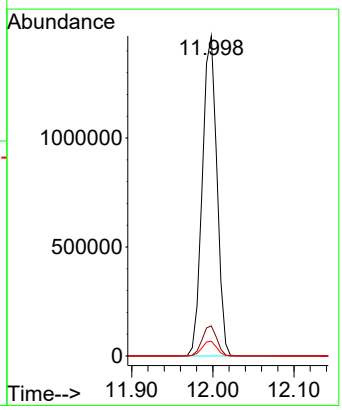
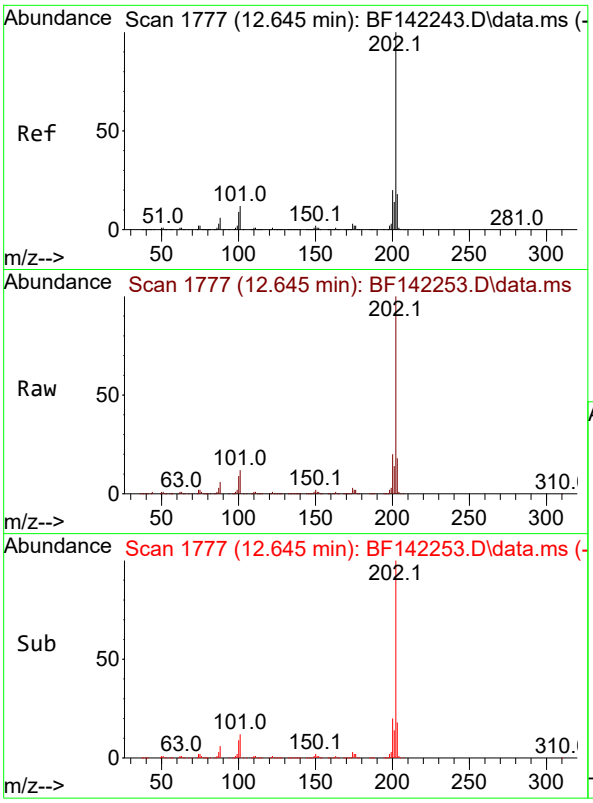


#74
Di-n-butylphthalate
Concen: 45.248 ng
RT: 11.998 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:149 Resp: 1825873

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.6	3.6	5.4





#75
Fluoranthene
Concen: 41.799 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:202 Resp: 177749

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.4
203	18.2	0.0	37.5

Instrument :
BNA_F
ClientSampleId :
PB167798BSD

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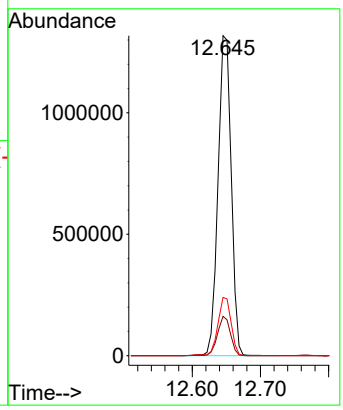
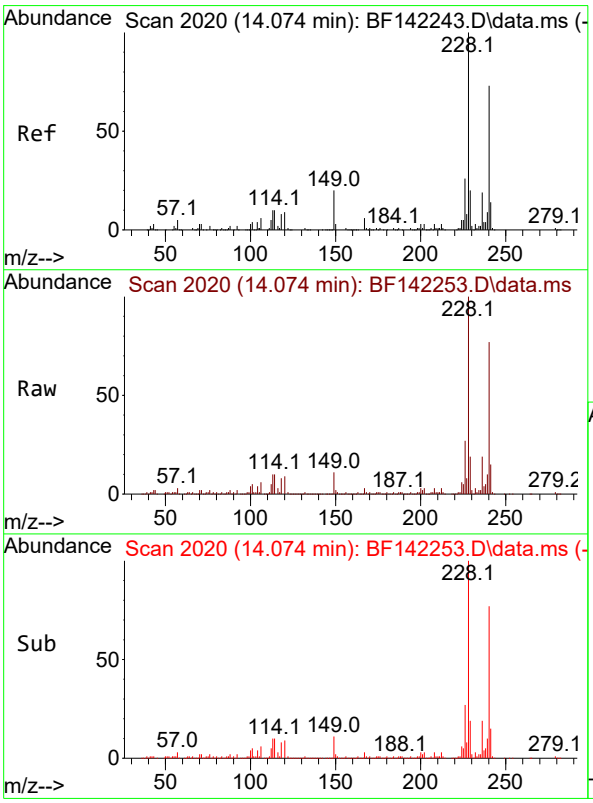
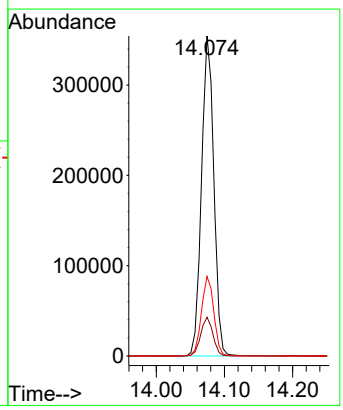


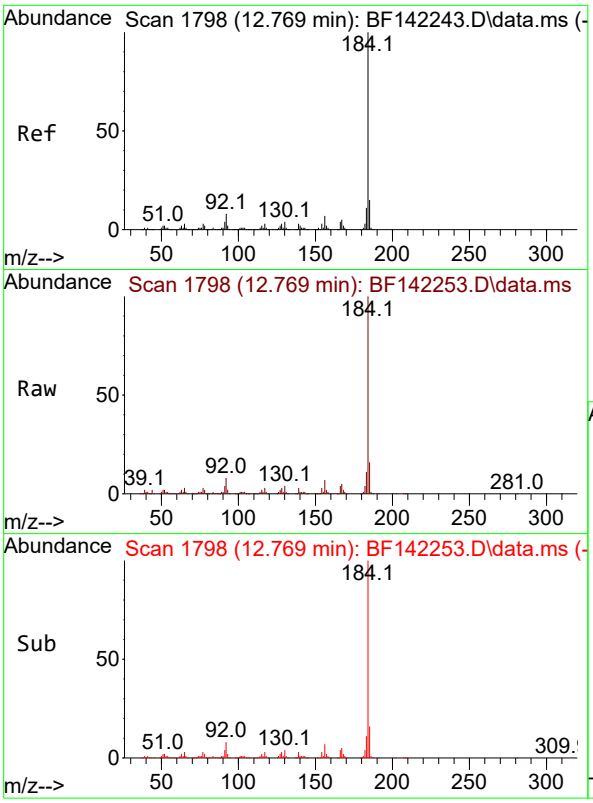


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:240 Resp: 445019

Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.1	15.1
236	24.9	20.5	30.7

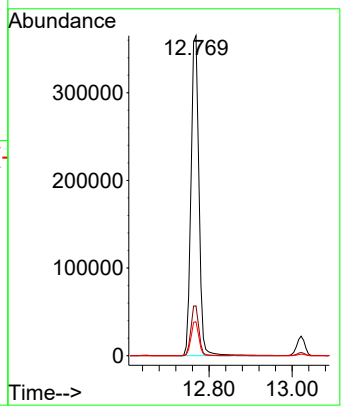




#77
Benzidine
Concen: 25.584 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:184 Resp: 48378

Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.8	17.6
183	10.6	8.9	13.3



Instrument :
BNA_F
ClientSampleId :
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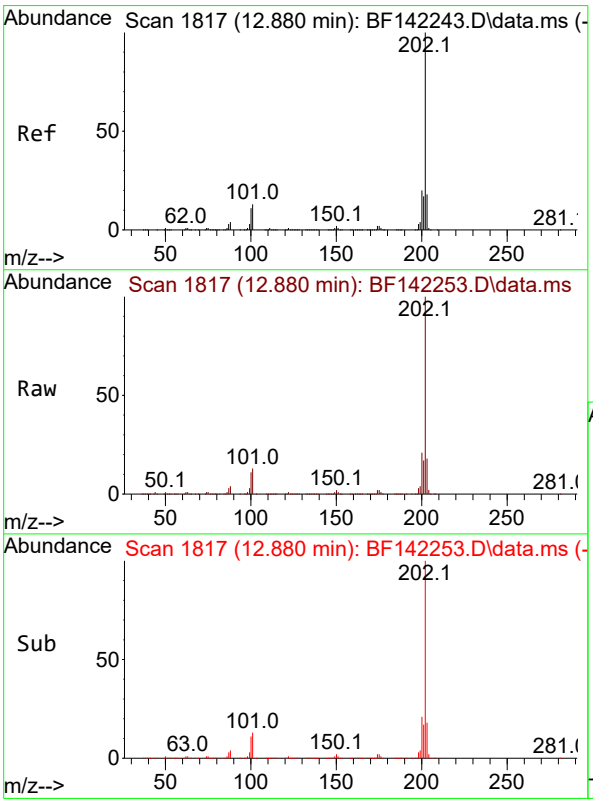
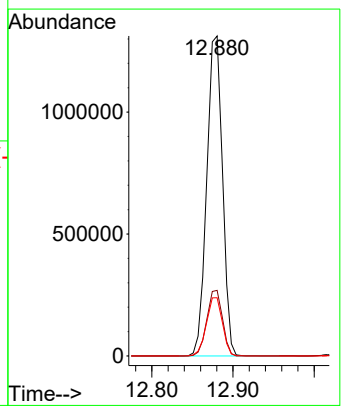
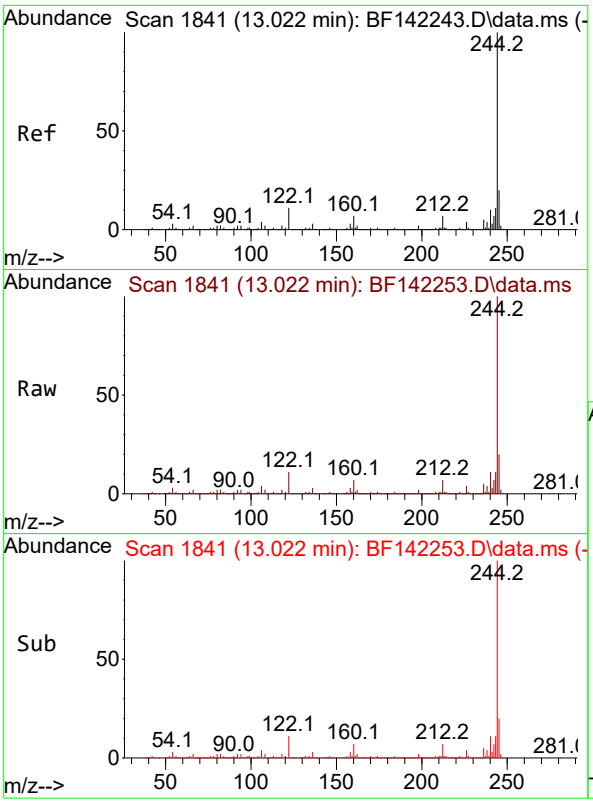


#78
Pyrene
Concen: 42.962 ng
RT: 12.880 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:202 Resp: 1763648

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.1	24.1
203	18.2	14.1	21.1





#79
Terphenyl-d14
Concen: 73.788 ng
RT: 13.022 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:244 Resp: 225776

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.3	7.9
122	11.0	9.1	13.7

Instrument :
BNA_F
ClientSampleId :
PB167798BSD

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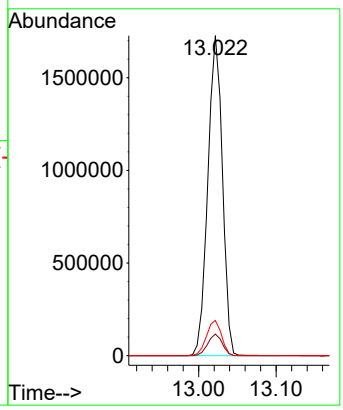
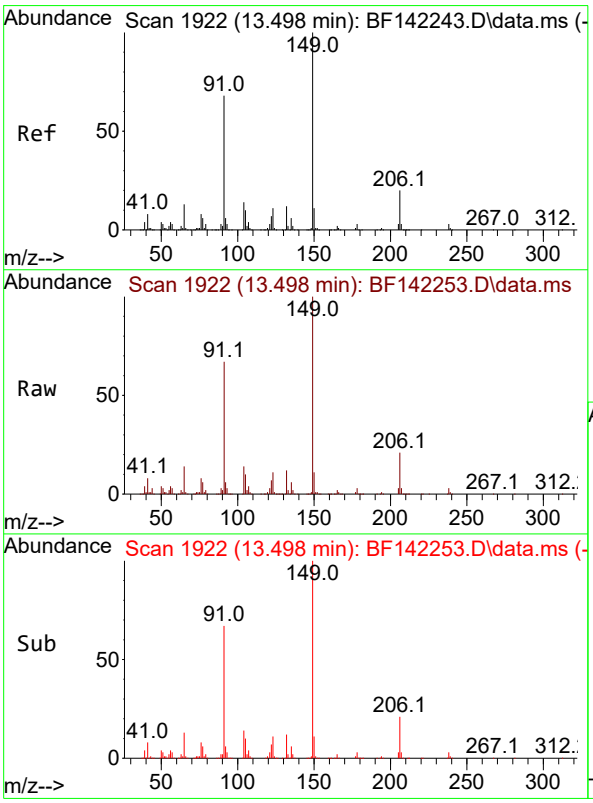
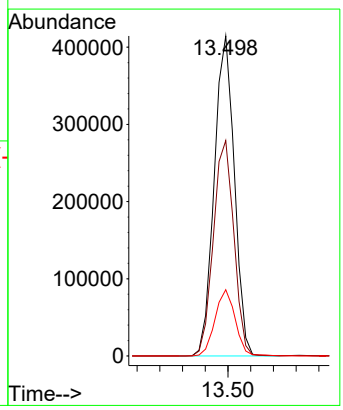


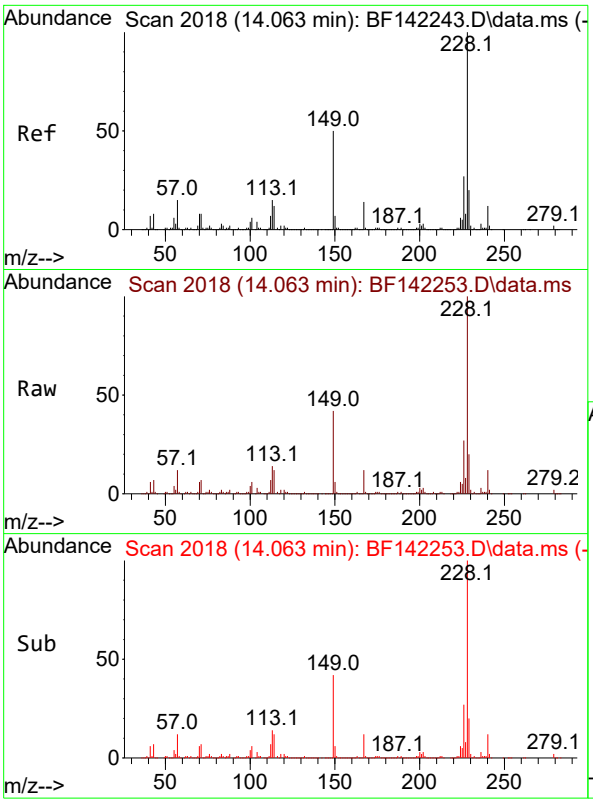


#80
Butylbenzylphthalate
Concen: 45.709 ng
RT: 13.498 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:149 Resp: 510891

Ion	Ratio	Lower	Upper
149	100		
91	67.3	54.4	81.6
206	20.7	15.9	23.9





#81
Benzo(a)anthracene
Concen: 41.291 ng
RT: 14.063 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:228 Resp: 123356

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.9	32.9
229	19.9	16.0	24.0

Instrument :
BNA_F
ClientSampleId :
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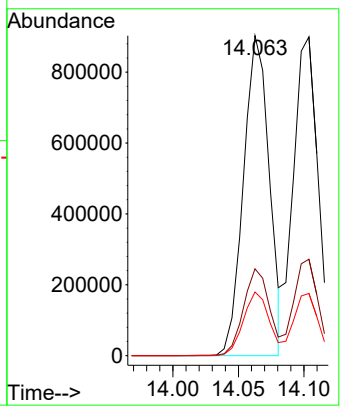
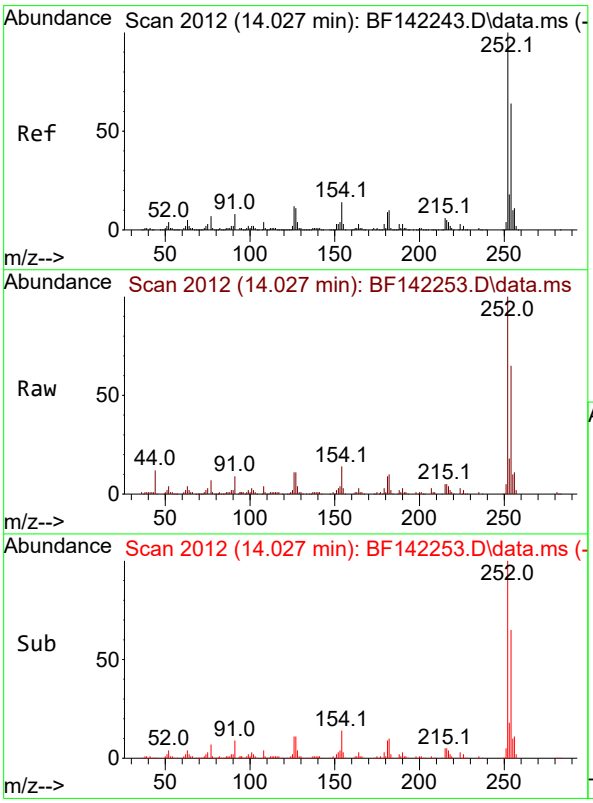
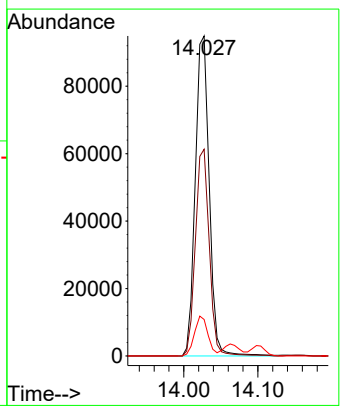


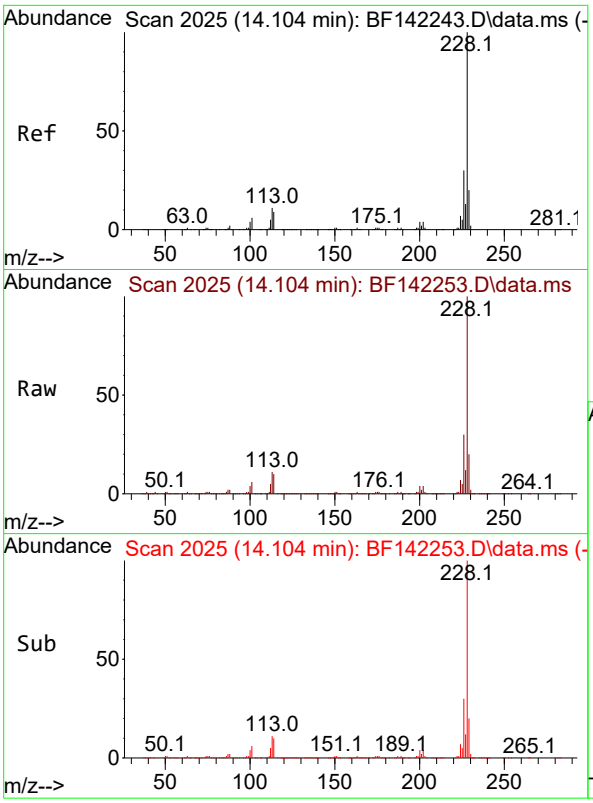


#82
3,3'-Dichlorobenzidine
Concen: 14.182 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:252 Resp: 124446

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.0	76.6
126	11.4	9.4	14.2

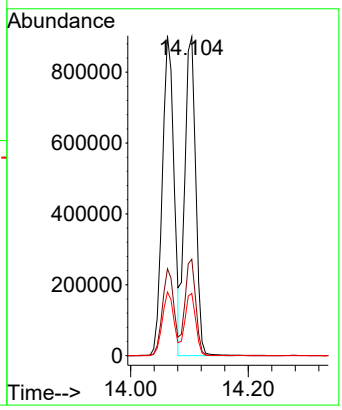




#83
Chrysene
Concen: 43.030 ng
RT: 14.104 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:228 Resp: 117016

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	19.5	15.7	23.5



Instrument :
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ClientSampleId :
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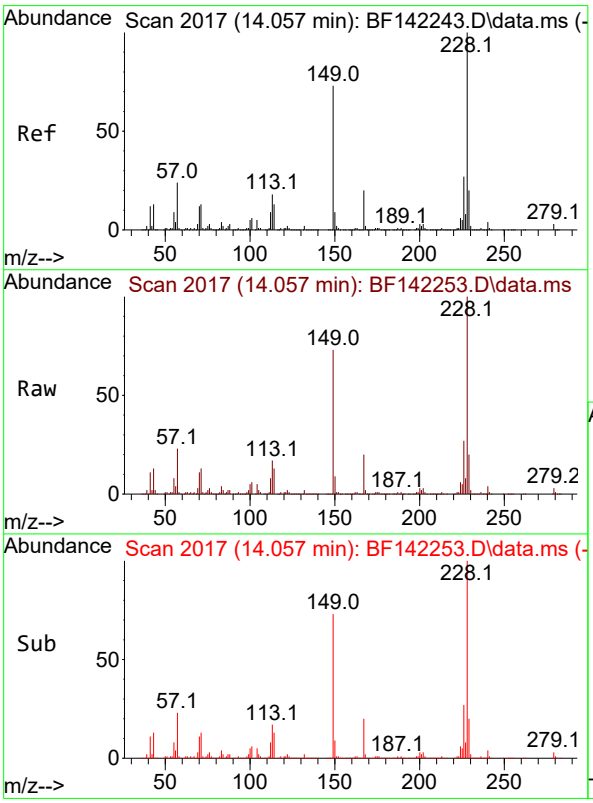
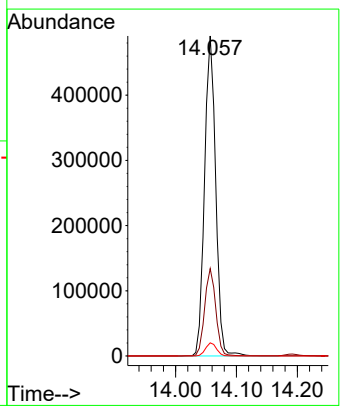
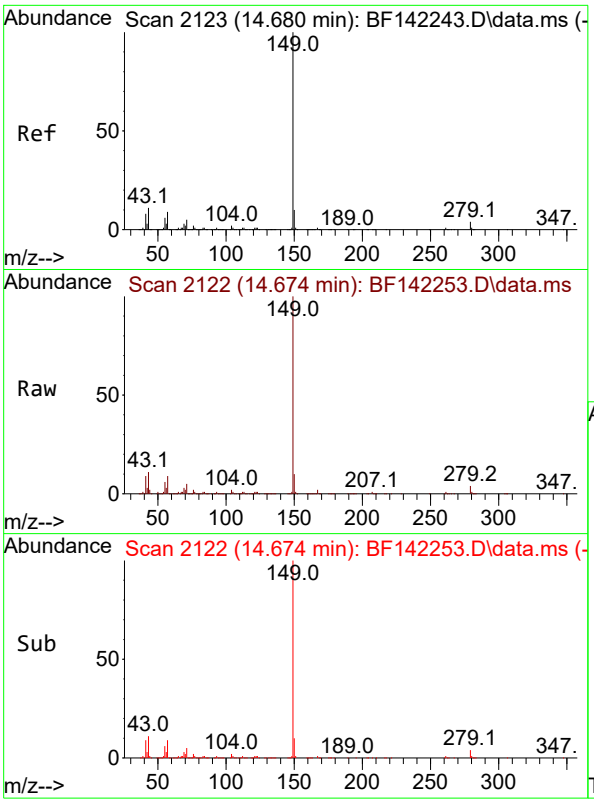


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.625 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:149 Resp: 622700

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.7	32.5
279	4.1	3.0	4.4

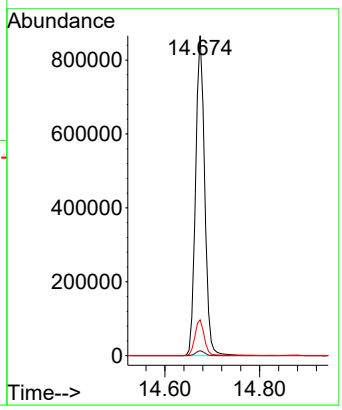




#85
Di-n-octyl phthalate
Concen: 41.525 ng
RT: 14.674 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:149 Resp: 115671

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.4	9.3	13.9



Instrument :
BNA_F
ClientSampleId :
PB167798BSD

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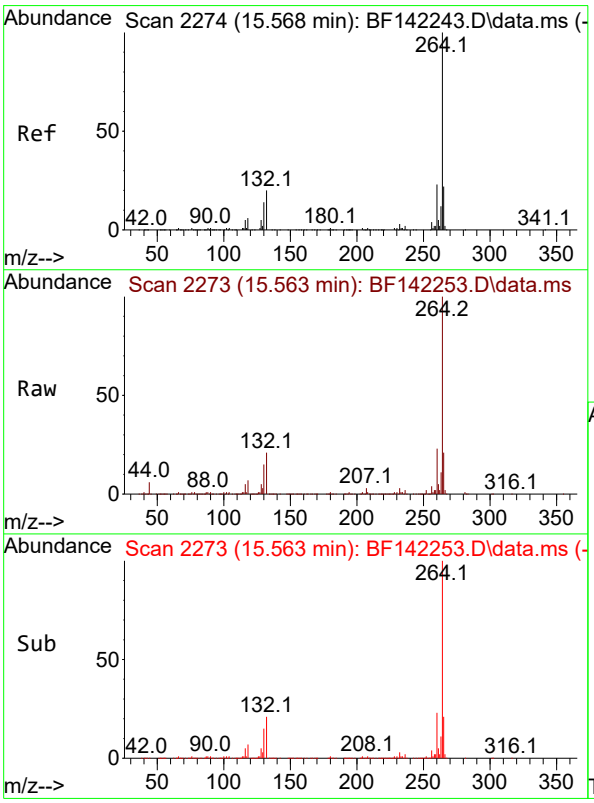
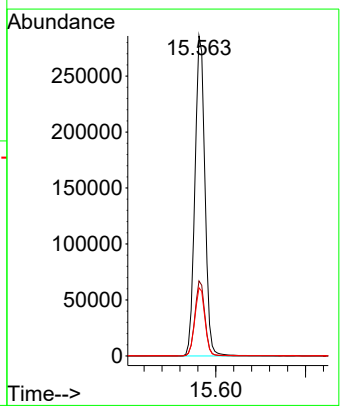
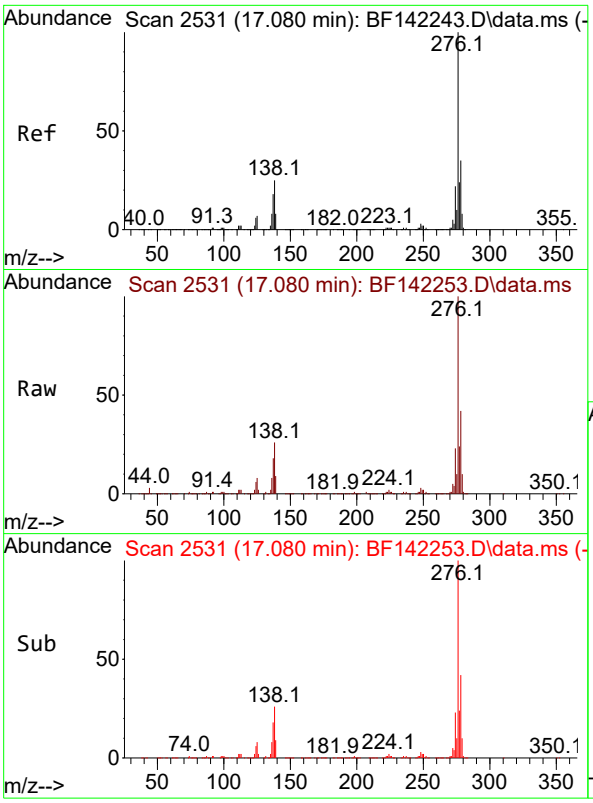


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:264 Resp: 441873

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	21.3	17.3	25.9

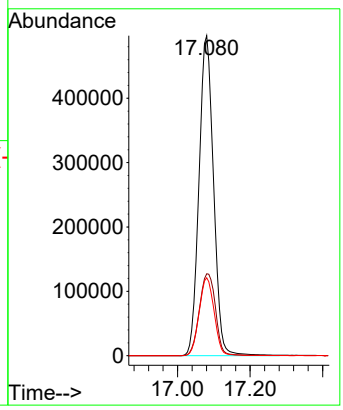




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.786 ng
RT: 17.080 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:276 Resp: 138479

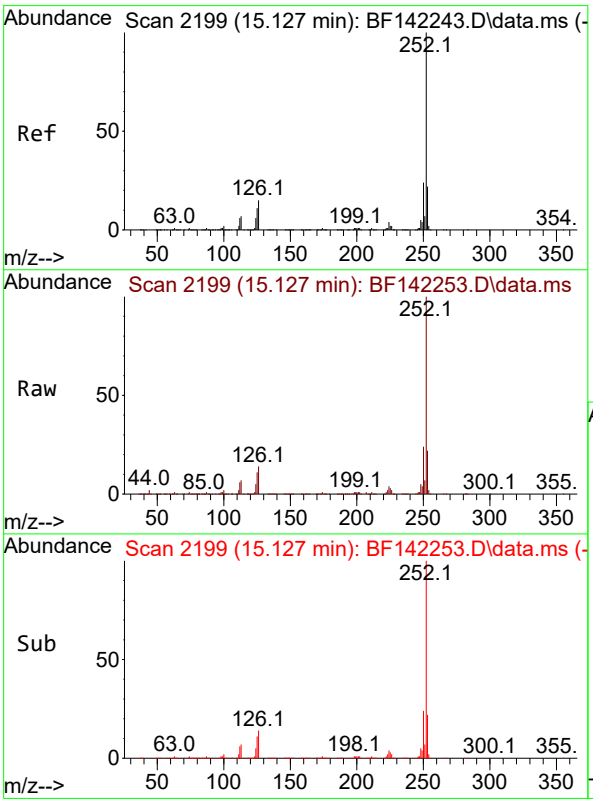
Ion	Ratio	Lower	Upper
276	100		
138	28.4	22.6	33.8
277	25.2	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
PB167798BSD

Manual Integrations
APPROVED

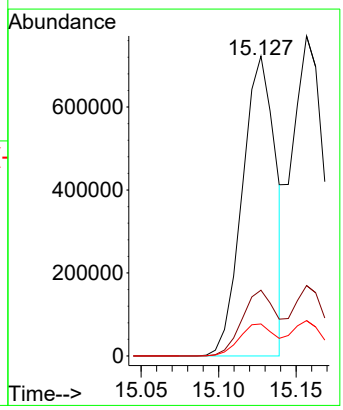
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

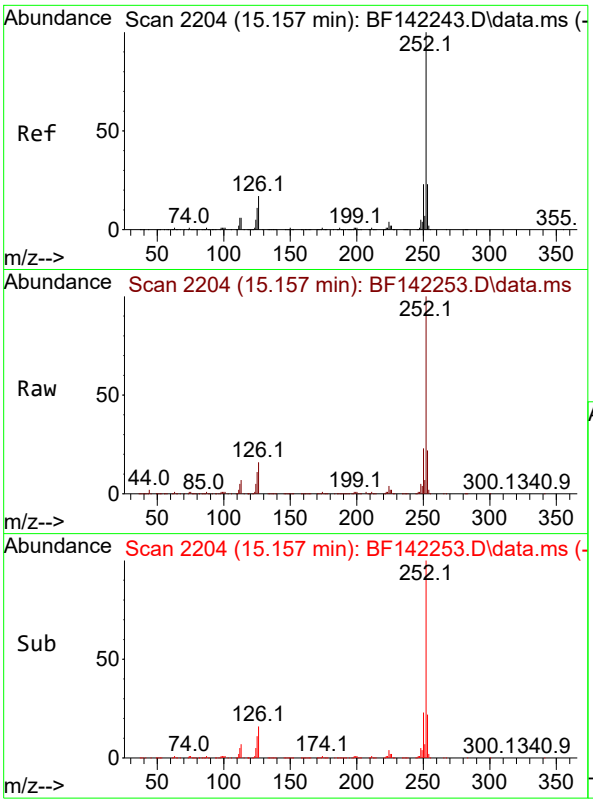


#88
Benzo(b)fluoranthene
Concen: 39.254 ng
RT: 15.127 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:252 Resp: 1077406

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.7	9.0	13.4

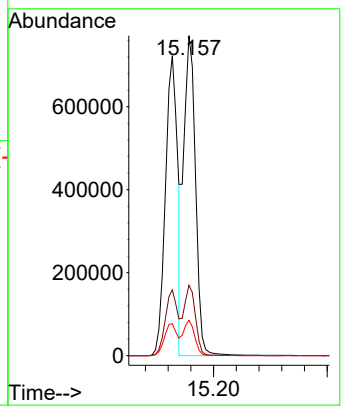




#89
Benzo(k)fluoranthene
Concen: 44.533 ng
RT: 15.157 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:252 Resp: 111801

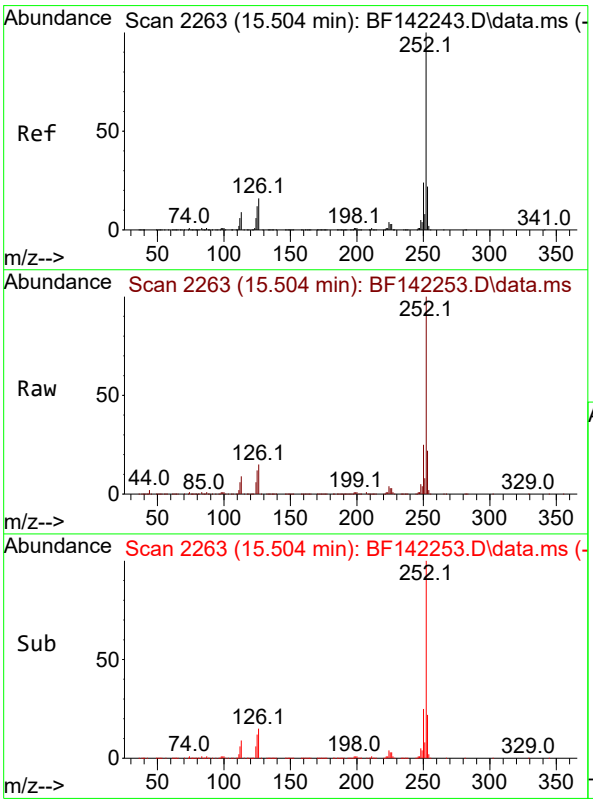
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	11.0	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
PB167798BSD

Manual Integrations
APPROVED

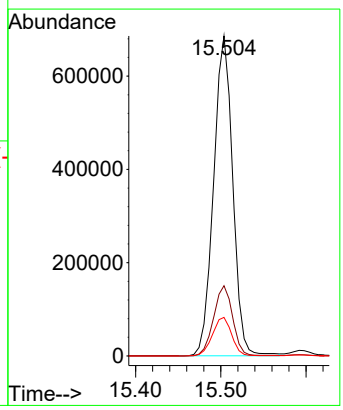
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

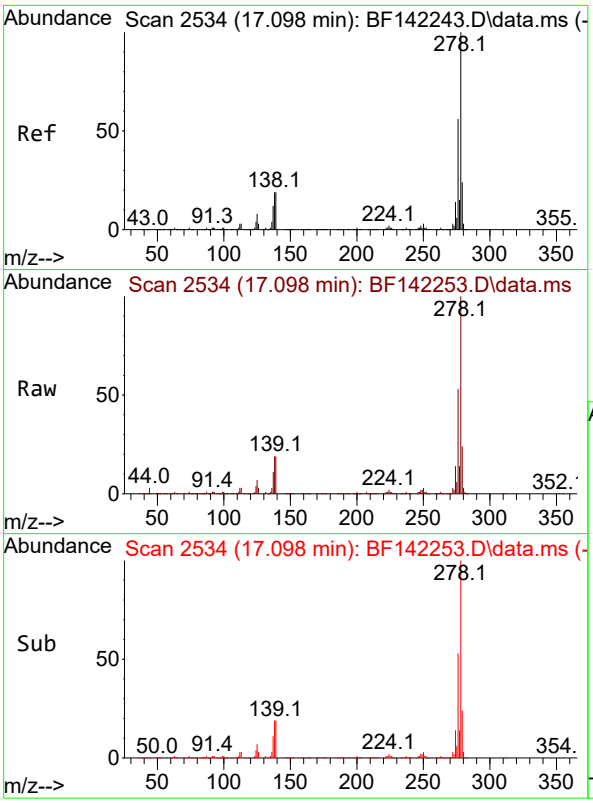


#90
Benzo(a)pyrene
Concen: 42.614 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:252 Resp: 1070836

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	12.0	9.5	14.3





#91
Dibenzo(a,h)anthracene
Concen: 42.952 ng
RT: 17.098 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

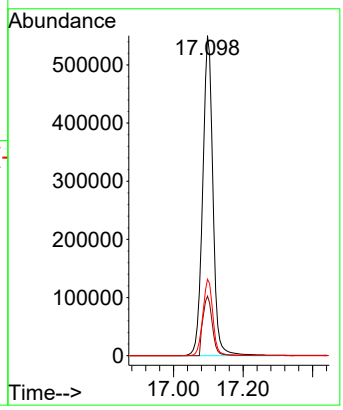
Instrument :
BNA_F
ClientSampleId :
PB167798BSD

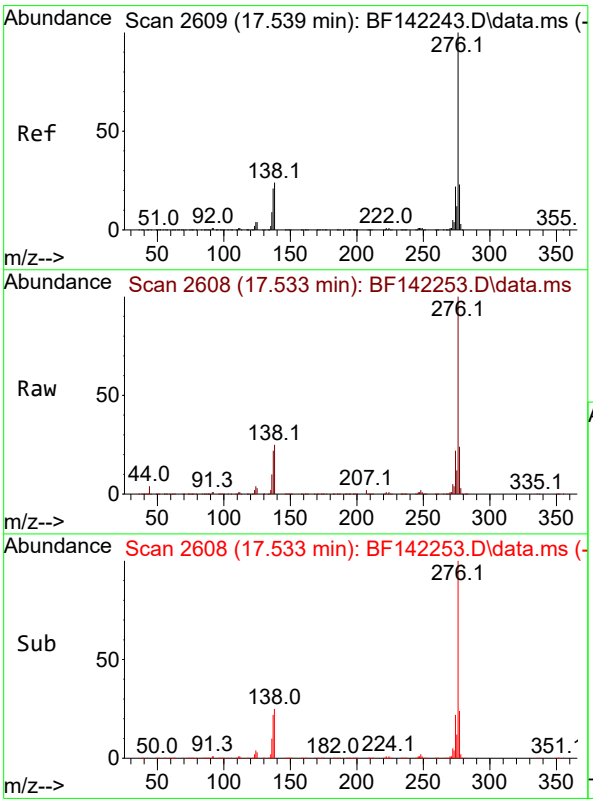
Tgt Ion:278 Resp: 112828

Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.2	22.8
279	23.9	19.0	28.6

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

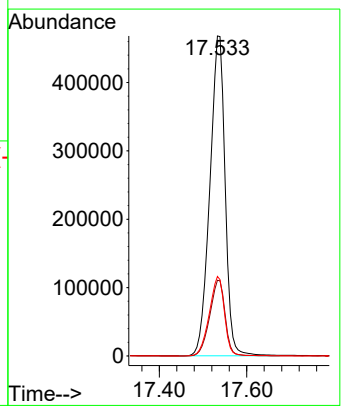




#92
Benzo(g,h,i)perylene
Concen: 43.077 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.006 min
Lab File: BF142253.D
Acq: 01 May 2025 11:42

Tgt Ion:276 Resp: 1137552

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.7	28.1
138	24.9	19.4	29.0



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-8MS	SDG No.:	Q1914
Lab Sample ID:	Q1914-10MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	92.4
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050083.D	1	04/30/25 11:00	05/02/25 13:20	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	3200	E	24.6	180	ug/Kg
208-96-8	Acenaphthylene	1300		31.3	180	ug/Kg
83-32-9	Acenaphthene	1400		23.0	180	ug/Kg
86-73-7	Fluorene	1600		27.4	180	ug/Kg
85-01-8	Phenanthrene	2500		22.6	180	ug/Kg
120-12-7	Anthracene	1600		36.0	180	ug/Kg
206-44-0	Fluoranthene	3100	E	32.4	180	ug/Kg
129-00-0	Pyrene	2600		38.9	180	ug/Kg
56-55-3	Benzo(a)anthracene	2200		24.9	180	ug/Kg
218-01-9	Chrysene	2100		21.5	180	ug/Kg
205-99-2	Benzo(b)fluoranthene	2200		20.5	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		24.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	2100		31.9	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		31.5	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		29.6	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2000		27.8	180	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	91.0		18 - 107	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	44.7		20 - 109	45%	SPK: 100
1718-51-0	Terphenyl-d14	41.4		10 - 105	41%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	315000	7.751			
1146-65-2	Naphthalene-d8	672000	10.557			
15067-26-2	Acenaphthene-d10	612000	14.41			
1517-22-2	Phenanthrene-d10	1130000	17.157			
1719-03-5	Chrysene-d12	1270000	21.386			
1520-96-3	Perylene-d12	1420000	24.374			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-8MS	SDG No.:	Q1914
Lab Sample ID:	Q1914-10MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	92.4
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050083.D	1	04/30/25 11:00	05/02/25 13:20	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050083.D
Acq On : 02 May 2025 13:20
Operator : RC/JU
Sample : Q1914-10MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 02 14:23:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SS-8MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.751	152	315345	20.000	ng		-0.02
21) Naphthalene-d8	10.557	136	672358	20.000	ng		# 0.00
39) Acenaphthene-d10	14.410	164	611965	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	1130506	20.000	ng		# 0.00
76) Chrysene-d12	21.386	240	1268702	20.000	ng		-0.01
86) Perylene-d12	24.374	264	1417444	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	1582039	87.849	ng		-0.01
7) Phenol-d6	6.940	99	1741511	76.940	ng		-0.01
23) Nitrobenzene-d5	8.910	82	1241569	90.993	ng		-0.02
42) 2,4,6-Tribromophenol	15.904	330	747146	82.569	ng		0.00
45) 2-Fluorobiphenyl	13.021	172	2310504	44.664	ng		-0.01
79) Terphenyl-d14	19.774	244	3550084	41.406	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	319917	41.432	ng		100
3) Pyridine	3.634	79	873786	44.043	ng		99
4) n-Nitrosodimethylamine	3.546	42	357407	45.933	ng		98
6) Aniline	7.081	93	270789	9.474	ng		97
8) 2-Chlorophenol	7.322	128	792699	40.711	ng		98
9) Benzaldehyde	6.898	77	592110	39.091	ng	#	1
10) Phenol	6.963	94	914678	39.918	ng		96
11) bis(2-Chloroethyl)ether	7.175	93	759752	39.708	ng		99
12) 1,3-Dichlorobenzene	7.639	146	930870	39.577	ng		98
13) 1,4-Dichlorobenzene	7.787	146	925429	39.164	ng		99
14) 1,2-Dichlorobenzene	8.104	146	875735	38.367	ng		97
15) Benzyl Alcohol	7.998	79	621293	39.580	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.275	45	714841	30.735	ng		71
17) 2-Methylphenol	8.210	107	572780	37.945	ng		99
18) Hexachloroethane	8.863	117	1184275	140.989	ng	#	1
19) n-Nitroso-di-n-propyla...	8.563	70	450563	31.037	ng		95
20) 3+4-Methylphenols	8.539	107	729805	35.801	ng		92
22) Acetophenone	8.557	105	2801668	167.605	ng	#	61
24) Nitrobenzene	8.957	77	756087	64.086	ng	#	95
25) Isophorone	9.481	82	1786555	76.813	ng	#	56
26) 2-Nitrophenol	9.669	139	406262	67.404	ng	#	79
27) 2,4-Dimethylphenol	9.739	122	595897	59.617	ng		98
28) bis(2-Chloroethoxy)met...	9.963	93	719708	50.064	ng	#	74
29) 2,4-Dichlorophenol	10.216	162	725959	64.831	ng		98
30) 1,2,4-Trichlorobenzene	10.416	180	830639	60.884	ng		99
31) Naphthalene	10.604	128	3018930	88.661	ng	#	93
32) Benzoic acid	9.916	122	370969	58.030	ng	#	1
33) 4-Chloroaniline	10.722	127	190920	13.680	ng	#	75
34) Hexachlorobutadiene	10.886	225	558193	64.456	ng		100
35) Caprolactam	11.480	113	267165m	81.827	ng		
36) 4-Chloro-3-methylphenol	11.863	107	518827	50.150	ng		99
37) 2-Methylnaphthalene	12.227	142	3619943	158.570	ng		98
38) 1-Methylnaphthalene	12.445	142	2712508	112.277	ng		99
40) 1,2,4,5-Tetrachloroben...	12.604	216	950192	44.853	ng		99
41) Hexachlorocyclopentadiene	12.574	237	1106317	85.454	ng		99
43) 2,4,6-Trichlorophenol	12.845	196	595406	44.312	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050083.D
Acq On : 02 May 2025 13:20
Operator : RC/JU
Sample : Q1914-10MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 02 14:23:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SS-8MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	623962	43.063	ng	#	79
46) 1,1'-Biphenyl	13.233	154	1793182	39.419	ng		99
47) 2-Chloronaphthalene	13.280	162	1311187	36.393	ng		99
48) 2-Nitroaniline	13.486	65	287529	34.003	ng		97
49) Acenaphthylene	14.133	152	2121312	37.343	ng	#	94
50) Dimethylphthalate	13.863	163	1516207	33.902	ng	#	94
51) 2,6-Dinitrotoluene	13.986	165	375066	40.505	ng		89
52) Acenaphthene	14.474	154	1282732	39.011	ng		99
53) 3-Nitroaniline	14.316	138	151722	17.162	ng	#	81
54) 2,4-Dinitrophenol	14.539	184	394999	67.614	ng		93
55) Dibenzofuran	14.810	168	2061098	37.675	ng	#	91
56) 4-Nitrophenol	14.657	139	626541	86.712	ng	#	75
57) 2,4-Dinitrotoluene	14.786	165	492435	38.486	ng	#	80
58) Fluorene	15.463	166	1930330	43.108	ng	#	97
59) 2,3,4,6-Tetrachlorophenol	15.045	232	539512	43.016	ng	#	38
60) Diethylphthalate	15.227	149	1556841	36.943	ng	#	92
61) 4-Chlorophenyl-phenyle...	15.451	204	932354	37.908	ng		95
62) 4-Nitroaniline	15.480	138	230529	27.028	ng		91
63) Azobenzene	15.745	77	1135699	32.157	ng	#	70
65) 4,6-Dinitro-2-methylph...	15.557	198	258093	36.472	ng	#	51
66) n-Nitrosodiphenylamine	15.668	169	1717787	49.483	ng		87
67) 4-Bromophenyl-phenylether	16.345	248	615774	45.043	ng		97
68) Hexachlorobenzene	16.474	284	689674	43.765	ng		95
69) Atrazine	16.621	200	693387	55.373	ng		98
70) Pentachlorophenol	16.815	266	913630	102.998	ng		98
71) Phenanthrene	17.198	178	4333407	67.962	ng		98
72) Anthracene	17.286	178	2879459	44.624	ng		98
73) Carbazole	17.556	167	2264448	40.442	ng		96
74) Di-n-butylphthalate	18.115	149	2559012	38.377	ng		98
75) Fluoranthene	19.215	202	6408265	85.603	ng		98
77) Benzidine	19.409	184	1136264	25.214	ng	#	96
78) Pyrene	19.580	202	6542677	73.437	ng		99
80) Butylbenzylphthalate	20.468	149	1196892	35.869	ng		97
81) Benzo(a)anthracene	21.368	228	5280774	60.444	ng		99
82) 3,3'-Dichlorobenzidine	21.292	252	192725	5.763	ng	#	98
83) Chrysene	21.433	228	4733136	58.535	ng		98
84) Bis(2-ethylhexyl)phtha...	21.286	149	2473210	49.622	ng	#	98
85) Di-n-octyl phthalate	22.409	149	3252195	39.567	ng		99
87) Indeno(1,2,3-cd)pyrene	27.768	276	5528767	52.347	ng		97
88) Benzo(b)fluoranthene	23.438	252	5516734	59.847	ng		99
89) Benzo(k)fluoranthene	23.497	252	4410842	47.305	ng		99
90) Benzo(a)pyrene	24.238	252	5014125	58.076	ng		98
91) Dibenzo(a,h)anthracene	27.809	278	3903128	45.335	ng		98
92) Benzo(g,h,i)perylene	28.815	276	4468322	54.211	ng		98

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

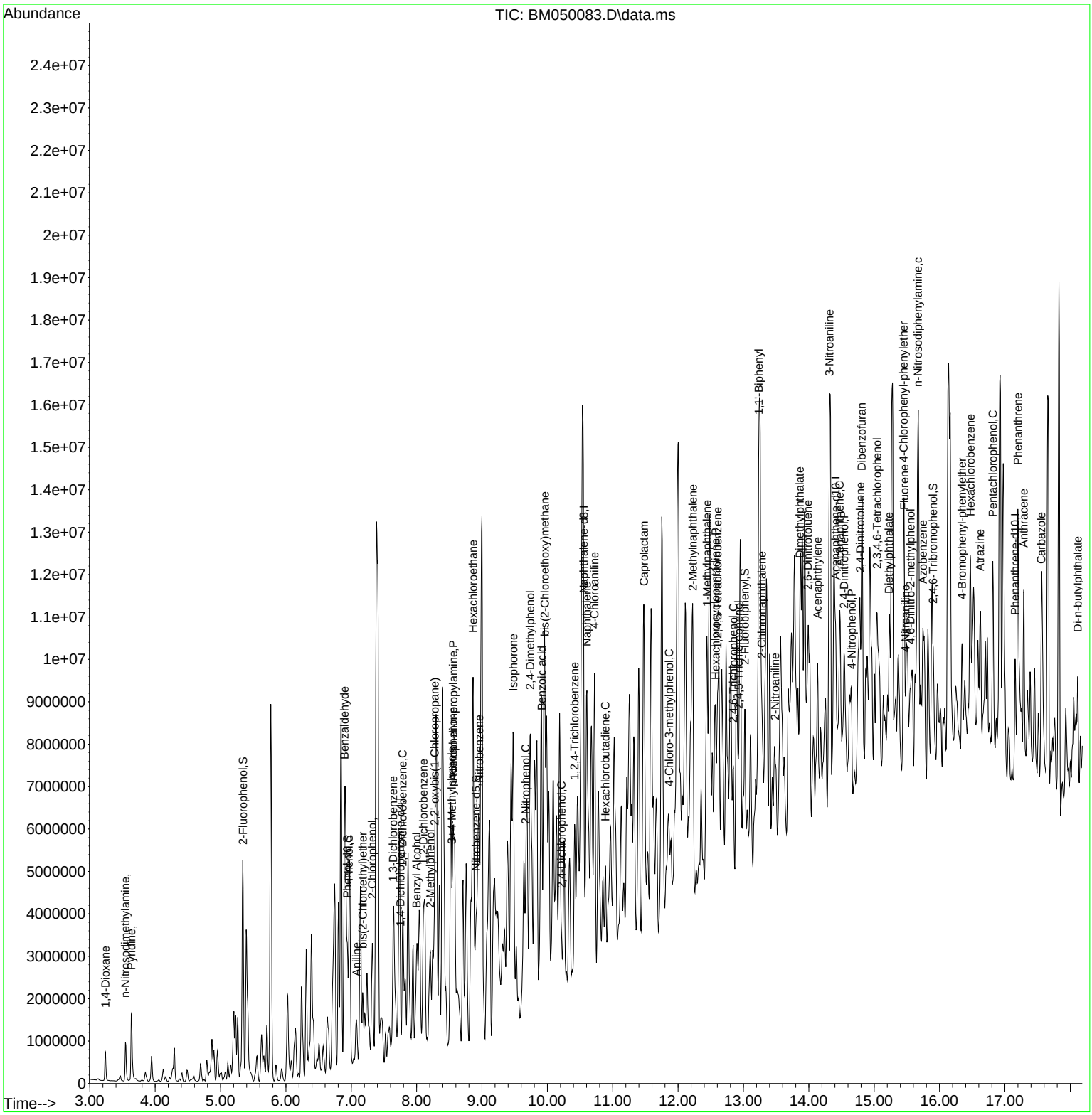
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050083.D
Acq On : 02 May 2025 13:20
Operator : RC/JU
Sample : Q1914-10MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 02 14:23:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SS-8MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



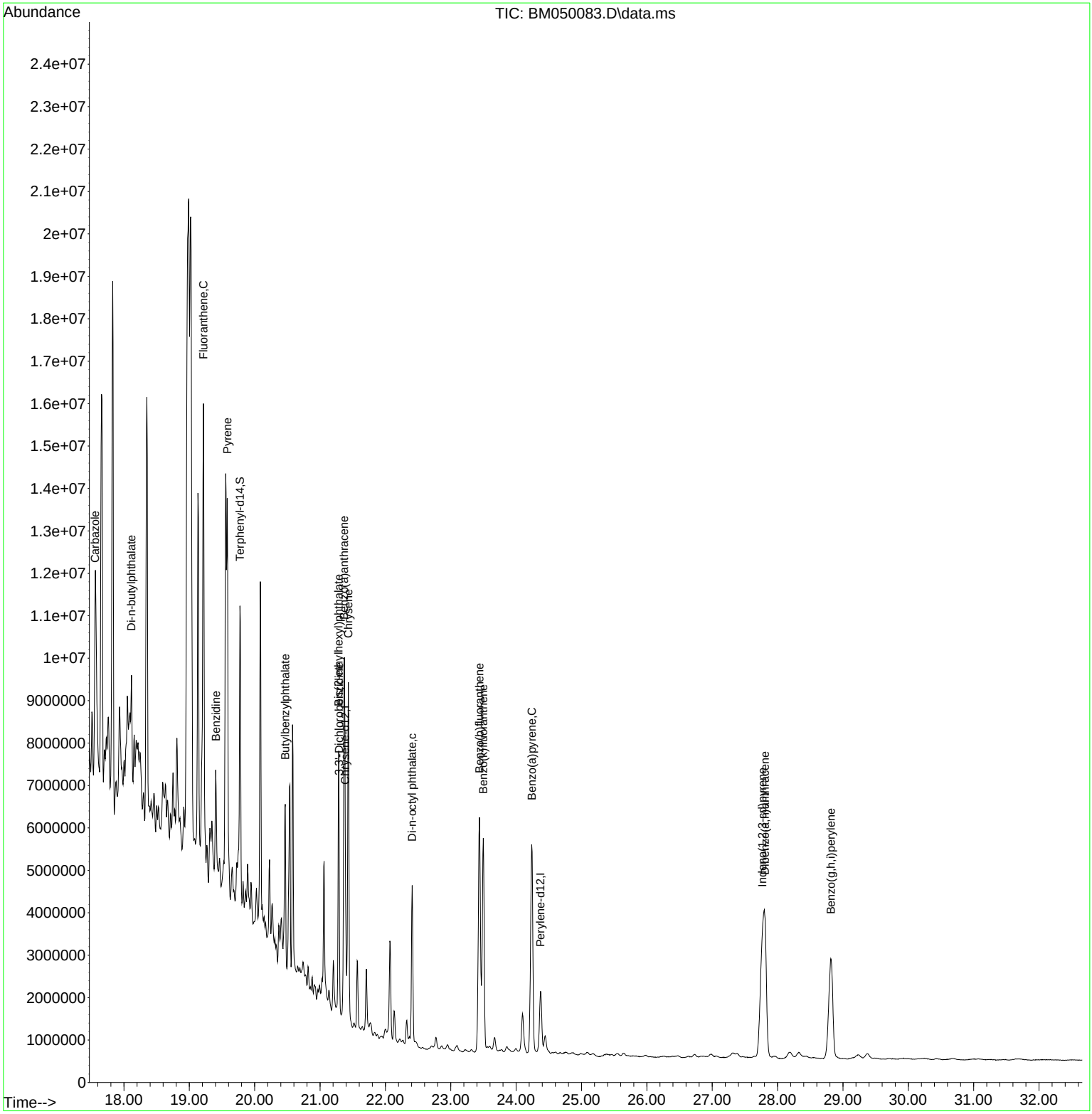
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050083.D
Acq On : 02 May 2025 13:20
Operator : RC/JU
Sample : Q1914-10MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

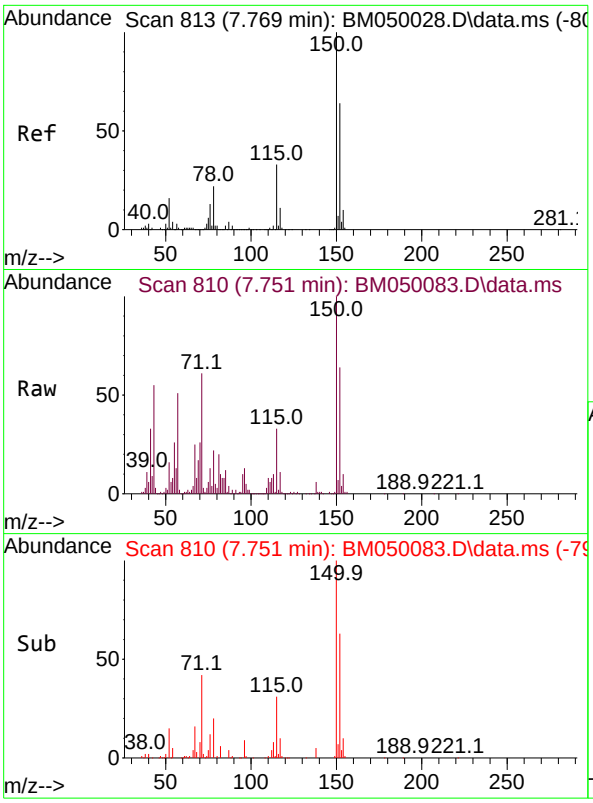
Quant Time: May 02 14:23:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SS-8MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

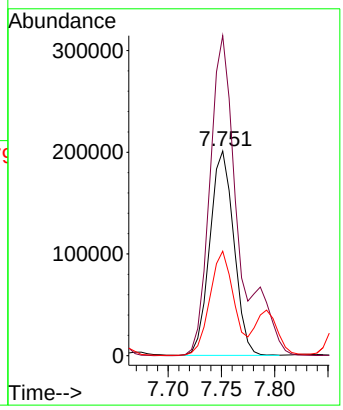




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.751 min Scan# 8
Delta R.T. -0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:152 Resp: 31534

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.1	186.1
115	51.0	41.2	61.8



Instrument :
BNA_M
ClientSampleId :
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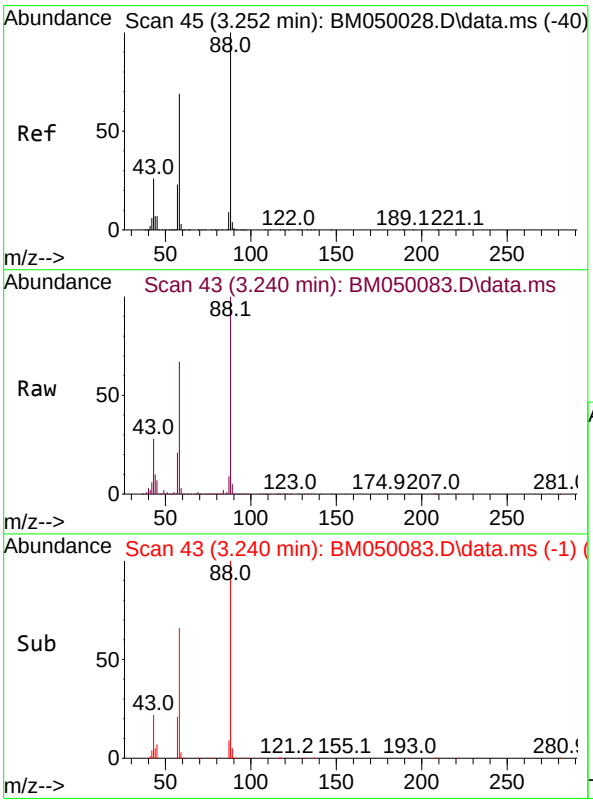
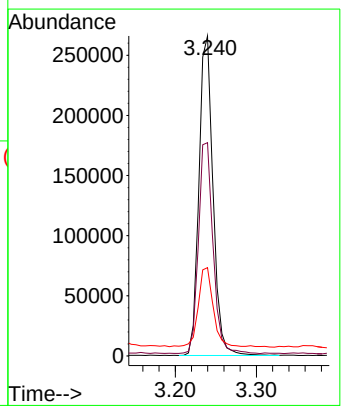
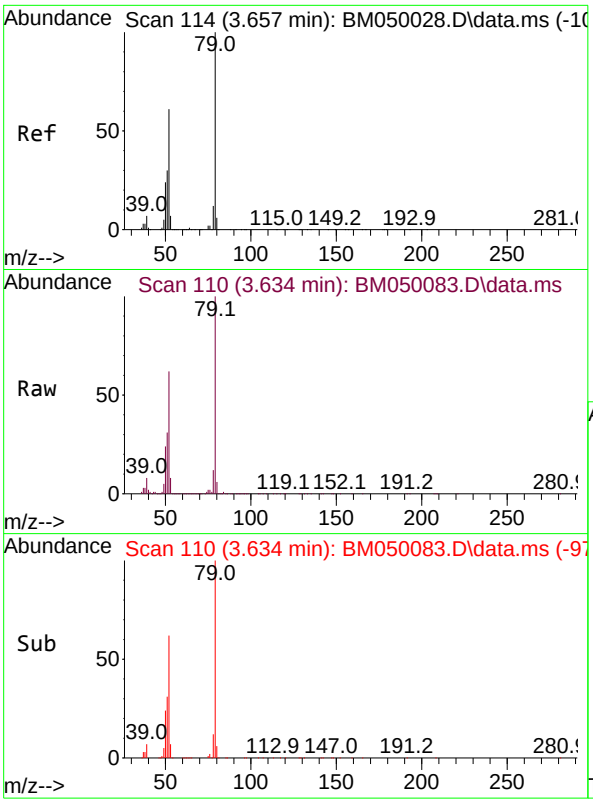


#2
1,4-Dioxane
Concen: 41.432 ng
RT: 3.240 min Scan# 43
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion: 88 Resp: 319917

Ion	Ratio	Lower	Upper
88	100		
58	68.5	55.1	82.7
43	26.0	20.9	31.3

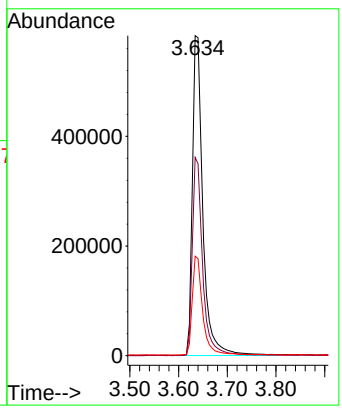




#3
Pyridine
Concen: 44.043 ng
RT: 3.634 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion: 79 Resp: 87378

Ion	Ratio	Lower	Upper
79	100		
52	62.0	48.6	72.8
51	31.1	24.6	37.0



Instrument :
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ClientSampleId :
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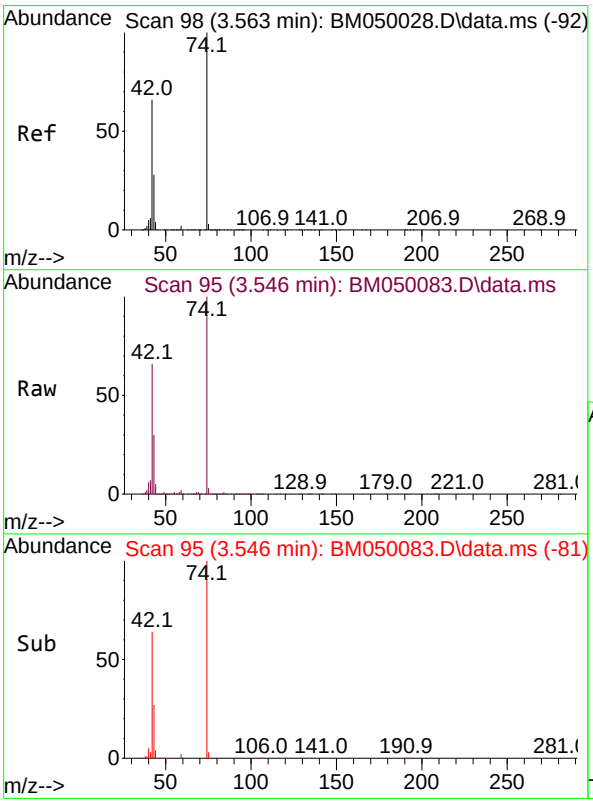
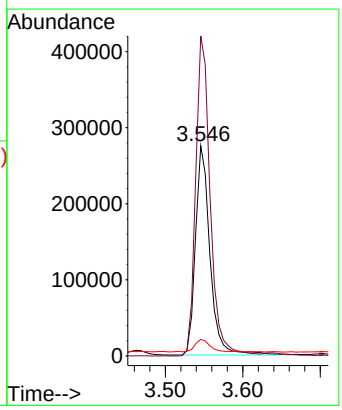
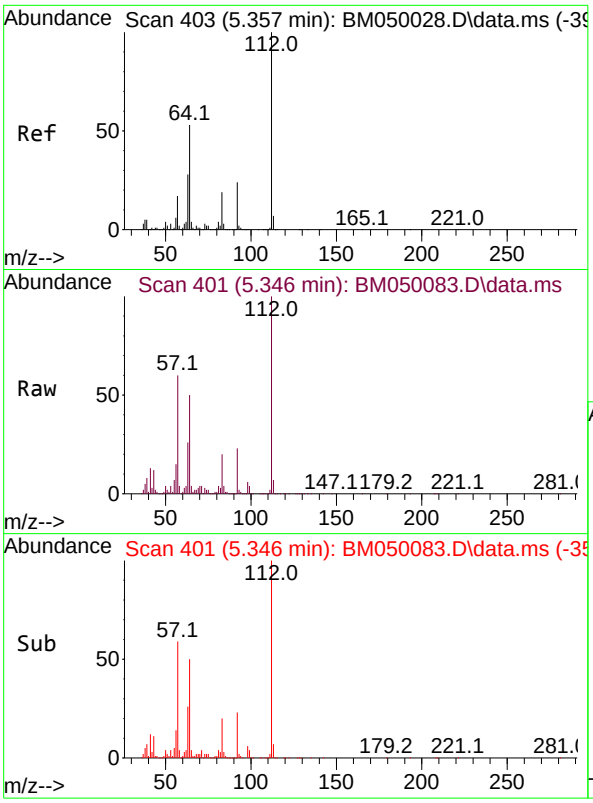


#4
n-Nitrosodimethylamine
Concen: 45.933 ng
RT: 3.546 min Scan# 95
Delta R.T. -0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion: 42 Resp: 357407

Ion	Ratio	Lower	Upper
42	100		
74	152.3	120.2	180.2
44	7.9	6.2	9.2

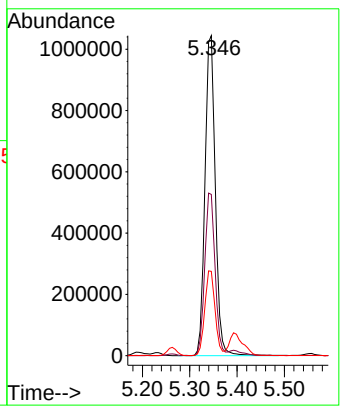




#5
2-Fluorophenol
Concen: 87.849 ng
RT: 5.346 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:112 Resp: 158203

Ion	Ratio	Lower	Upper
112	100		
64	50.4	42.6	64.0
63	26.3	22.2	33.4



Instrument :
BNA_M
ClientSampleId :
SS-8MS

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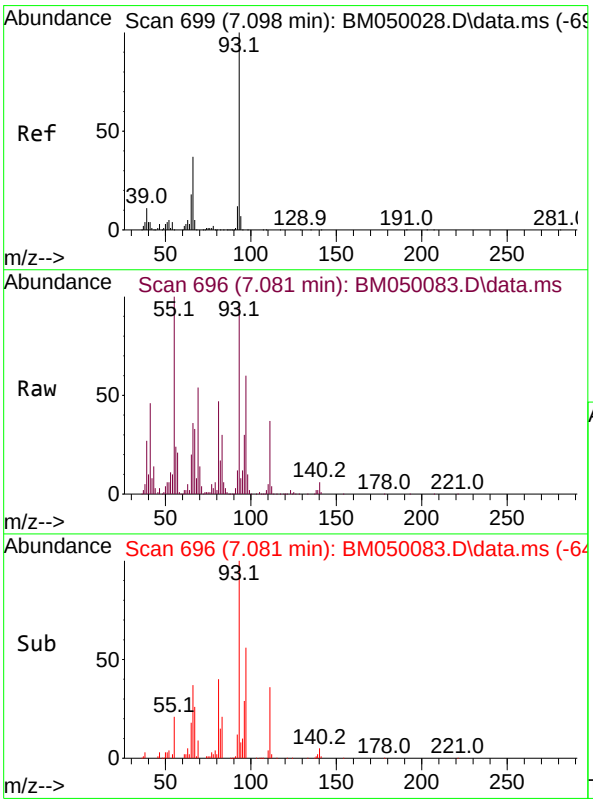
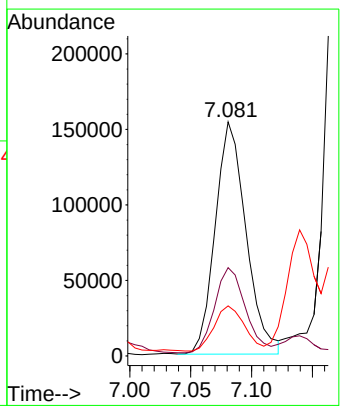
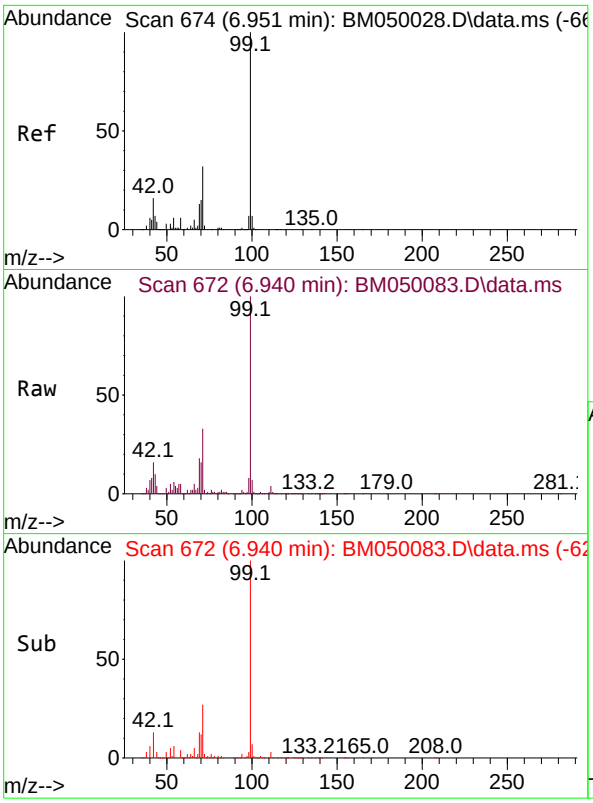


#6
Aniline
Concen: 9.474 ng
RT: 7.081 min Scan# 696
Delta R.T. -0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion: 93 Resp: 270789

Ion	Ratio	Lower	Upper
93	100		
66	37.7	29.9	44.9
65	21.4	14.5	21.7

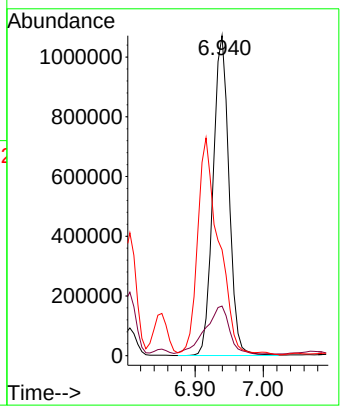




#7
Phenol-d6
Concen: 76.940 ng
RT: 6.940 min Scan# 6
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion: 99 Resp: 174151

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.0	19.4
71	33.1	25.6	38.4



Instrument :
BNA_M
ClientSampleId :
SS-8MS

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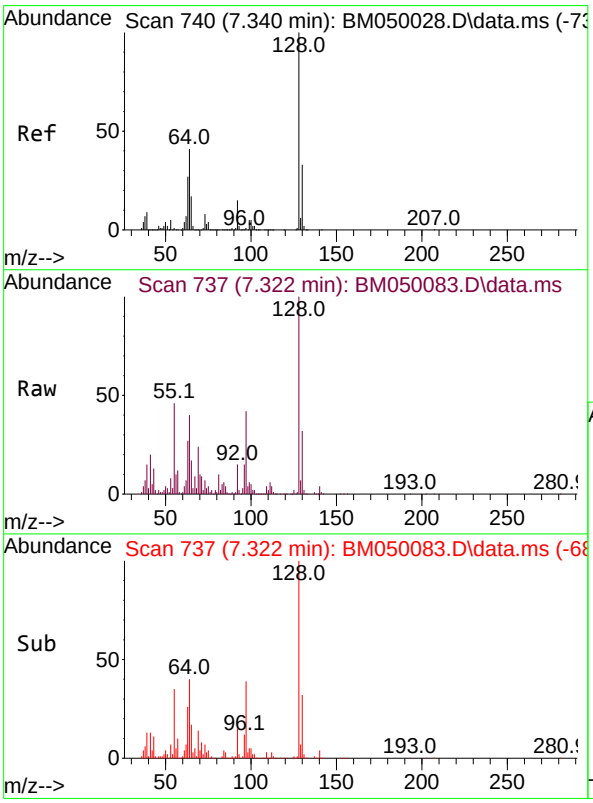
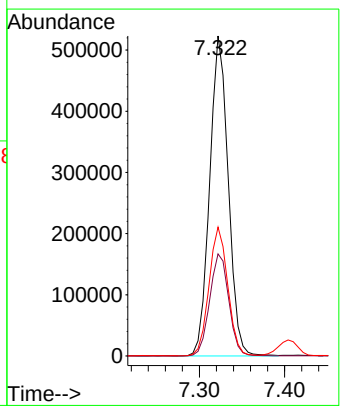
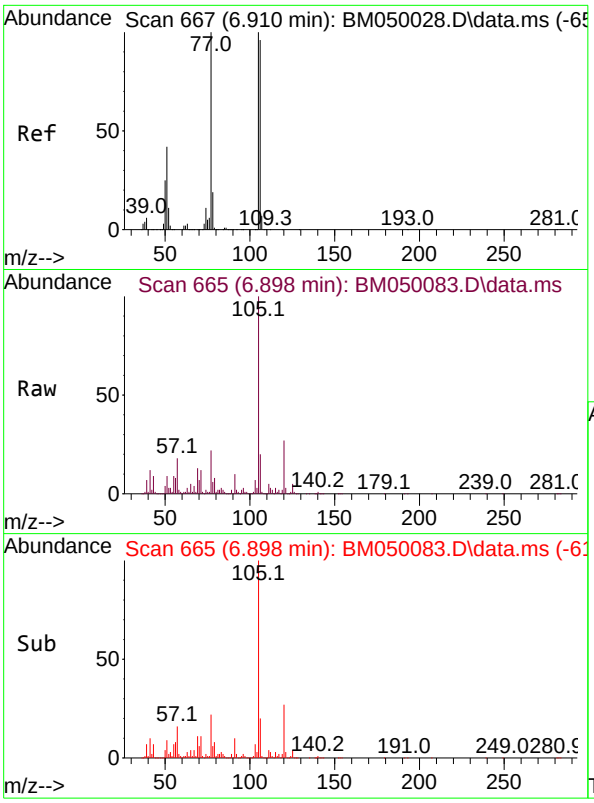


#8
2-Chlorophenol
Concen: 40.711 ng
RT: 7.322 min Scan# 737
Delta R.T. -0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:128 Resp: 792699

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.8	52.8
64	40.2	21.2	61.2

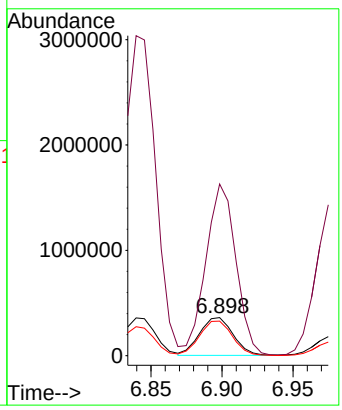




#9
Benzaldehyde
Concen: 39.091 ng
RT: 6.898 min Scan# 6(
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion: 77 Resp: 59211(

Ion	Ratio	Lower	Upper
77	100		
105	450.5	80.5	120.5#
106	90.5	76.1	116.1



Instrument :
BNA_M
ClientSampleId :
SS-8MS

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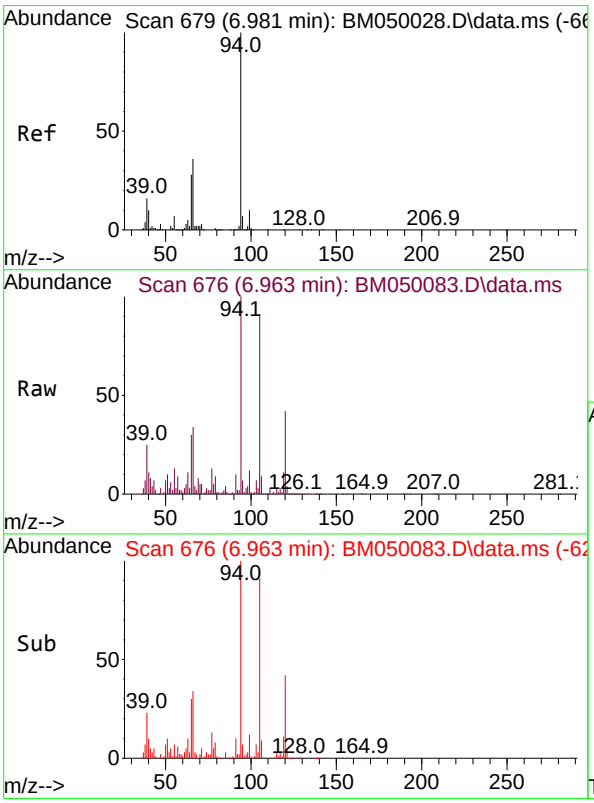
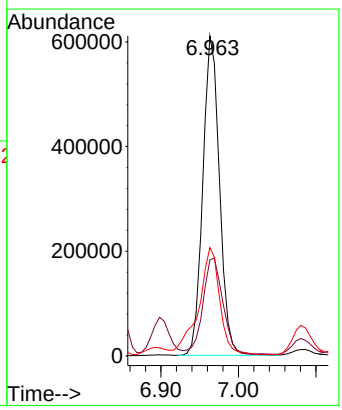
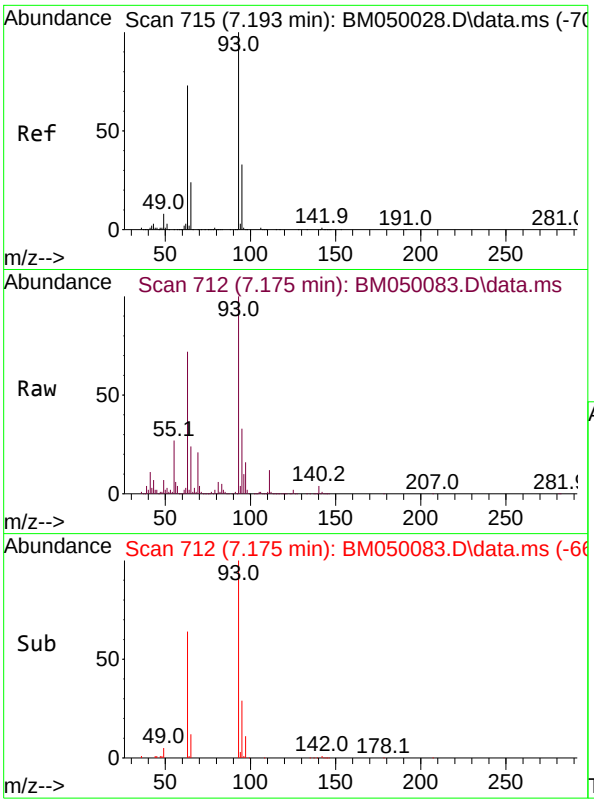


#10
Phenol
Concen: 39.918 ng
RT: 6.963 min Scan# 676
Delta R.T. -0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion: 94 Resp: 914678

Ion	Ratio	Lower	Upper
94	100		
65	30.0	7.6	47.6
66	33.8	15.8	55.8

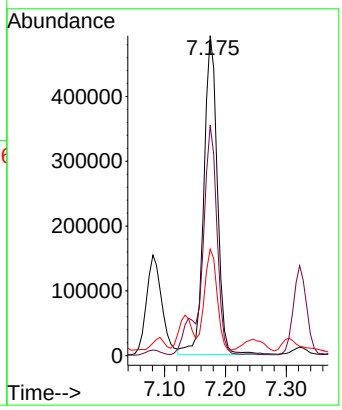




#11
bis(2-Chloroethyl)ether
Concen: 39.708 ng
RT: 7.175 min Scan# 7
Delta R.T. -0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion: 93 Resp: 75975

Ion	Ratio	Lower	Upper
93	100		
63	72.0	52.3	92.3
95	33.4	12.8	52.8



Instrument :
BNA_M
ClientSampleId :
SS-8MS

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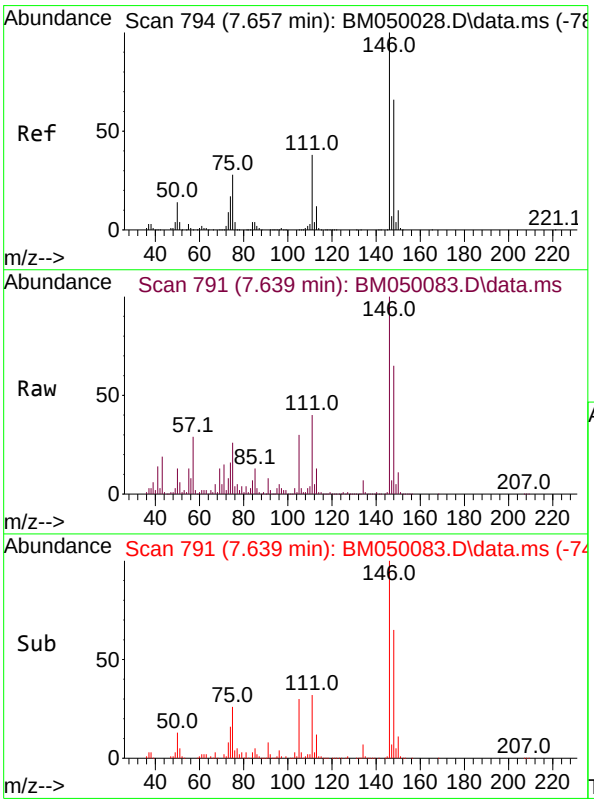
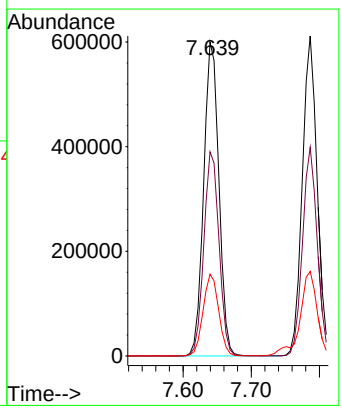
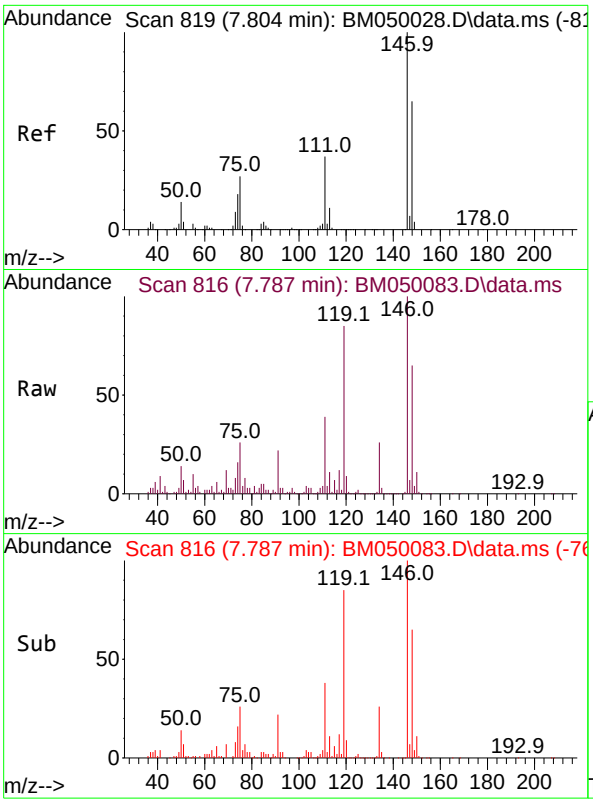


#12
1,3-Dichlorobenzene
Concen: 39.577 ng
RT: 7.639 min Scan# 791
Delta R.T. -0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:146 Resp: 930870

Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.5	78.7
75	26.1	22.6	34.0

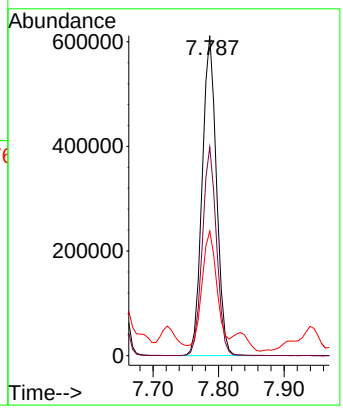




#13
1,4-Dichlorobenzene
Concen: 39.164 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:146 Resp: 92542

Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
111	38.9	29.3	43.9



Instrument :
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ClientSampleId :
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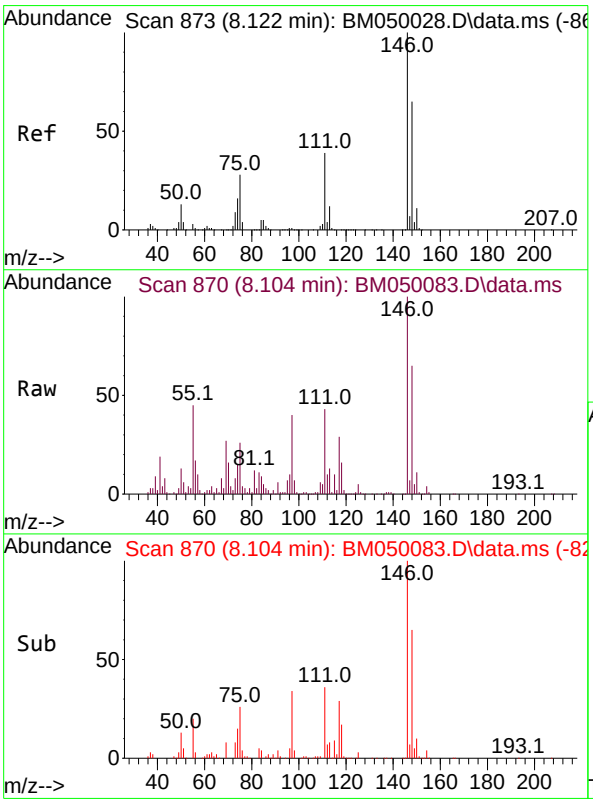
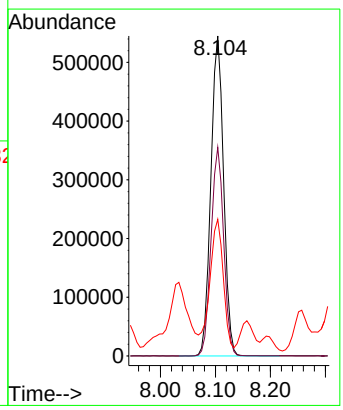
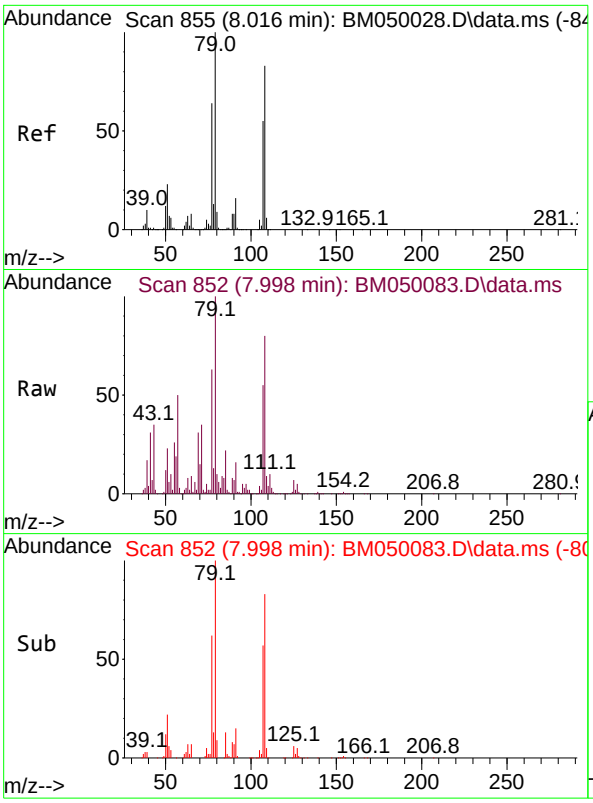


#14
1,2-Dichlorobenzene
Concen: 38.367 ng
RT: 8.104 min Scan# 870
Delta R.T. -0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:146 Resp: 875735

Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.4	78.6
111	42.7	31.0	46.6





#15
Benzyl Alcohol
Concen: 39.580 ng
RT: 7.998 min Scan# 8
Delta R.T. -0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion: 79 Resp: 62129

Ion	Ratio	Lower	Upper
79	100		
108	80.3	66.0	99.0
77	62.9	51.6	77.4

Instrument :
BNA_M
ClientSampleId :
SS-8MS

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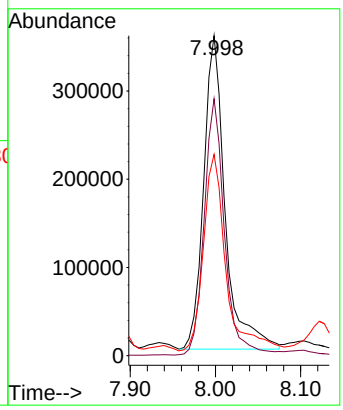
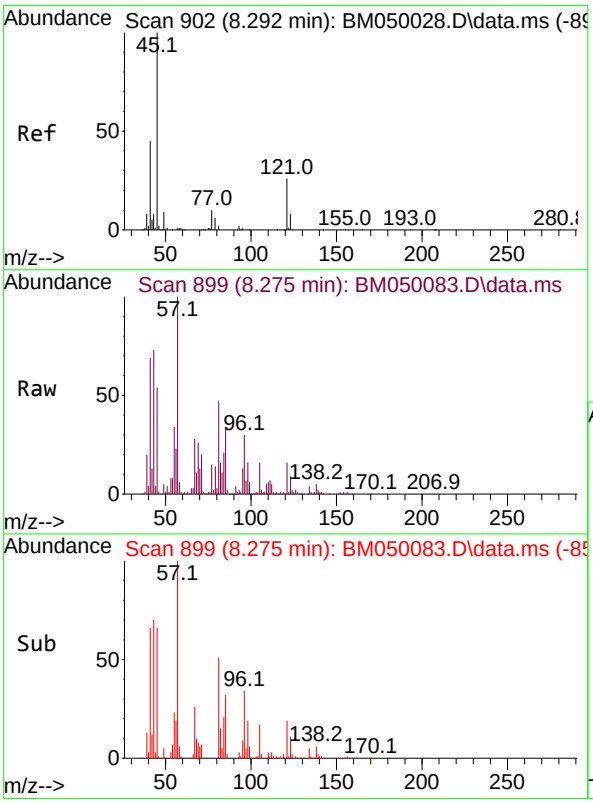
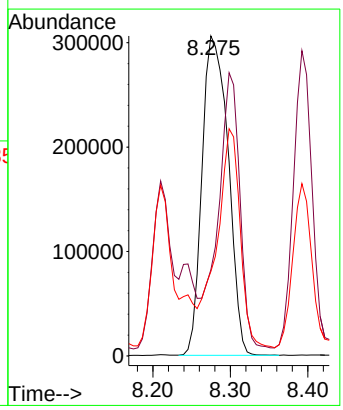


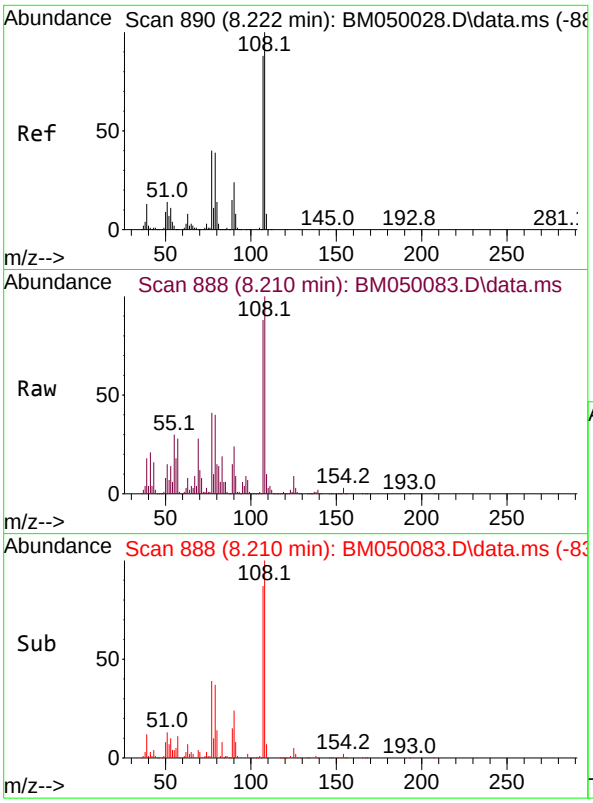


#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.735 ng
RT: 8.275 min Scan# 899
Delta R.T. -0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion: 45 Resp: 714841

Ion	Ratio	Lower	Upper
45	100		
77	27.0	0.0	36.4
79	26.4	0.0	32.7

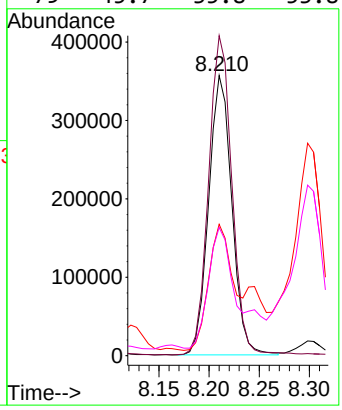




#17
2-Methylphenol
Concen: 37.945 ng
RT: 8.210 min Scan# 8
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:107 Resp: 57278

Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.1	136.7
77	46.9	36.2	54.4
79	45.7	35.8	53.8



Instrument :
BNA_M
ClientSampleId :
SS-8MS

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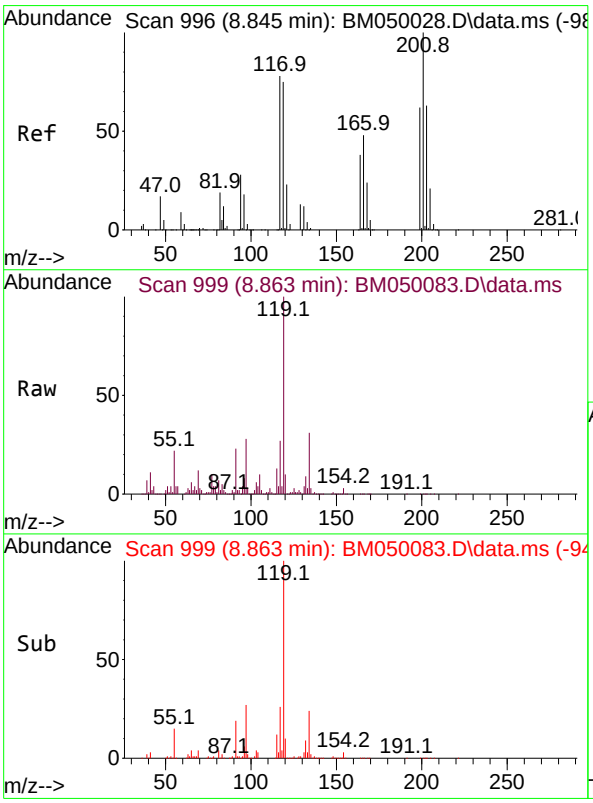
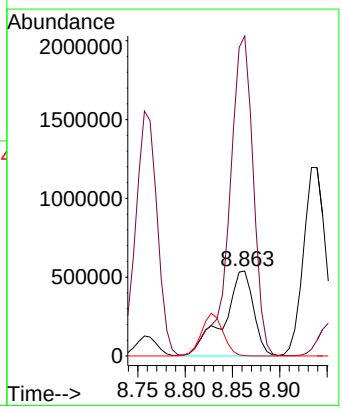
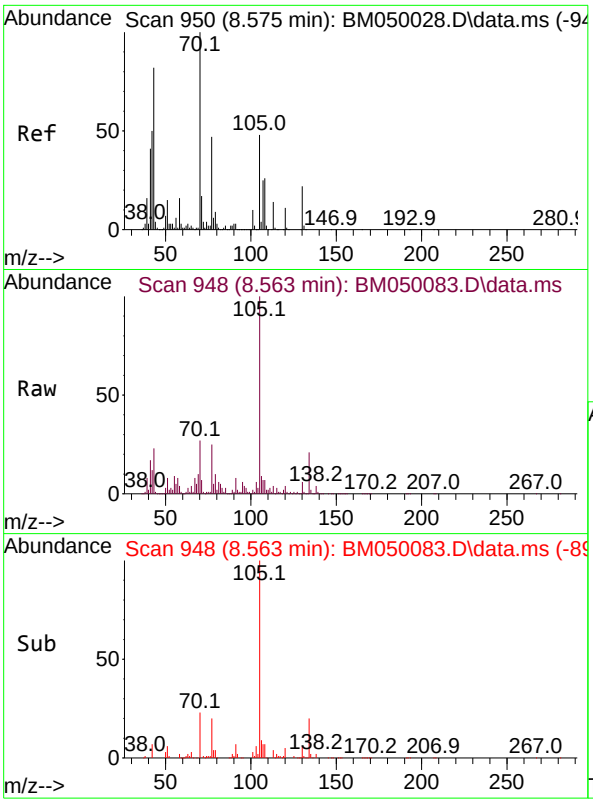


#18
Hexachloroethane
Concen: 140.989 ng
RT: 8.863 min Scan# 999
Delta R.T. 0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:117 Resp: 1184275

Ion	Ratio	Lower	Upper
117	100		
119	376.8	77.3	115.9#
201	0.3	102.8	154.2#

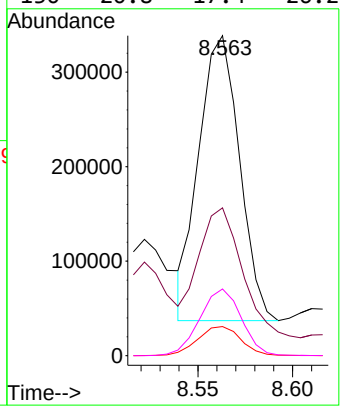




#19
n-Nitroso-di-n-propylamine
Concen: 31.037 ng
RT: 8.563 min Scan# 94
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion: 70 Resp: 45056

Ion	Ratio	Lower	Upper
70	100		
42	46.2	40.5	60.7
101	9.1	7.8	11.6
130	20.8	17.4	26.2



Instrument :
BNA_M
ClientSampleId :
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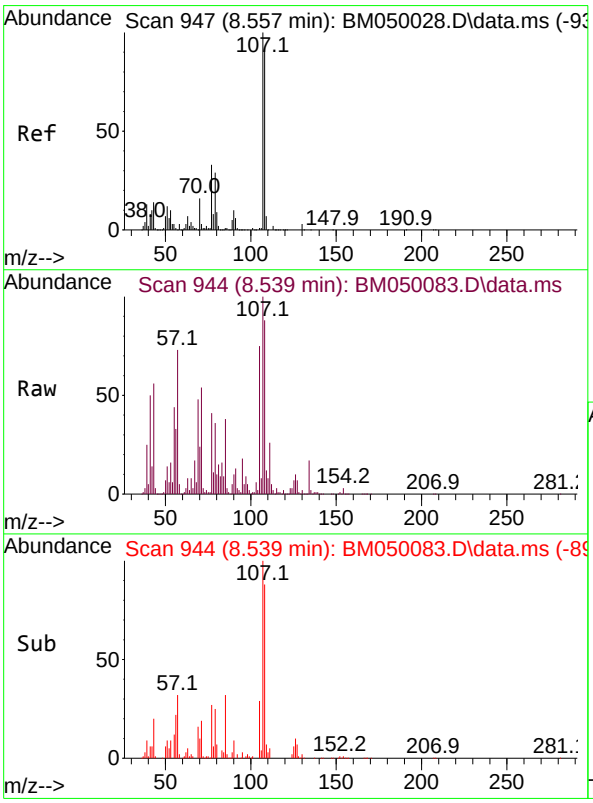
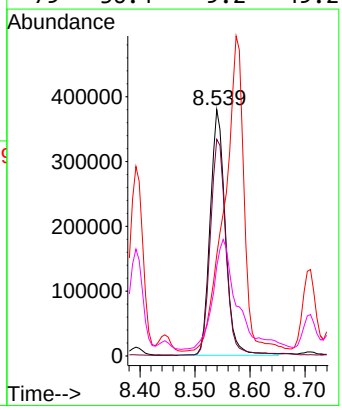
Supervised By :Jagrut Upadhyay 05/05/2025

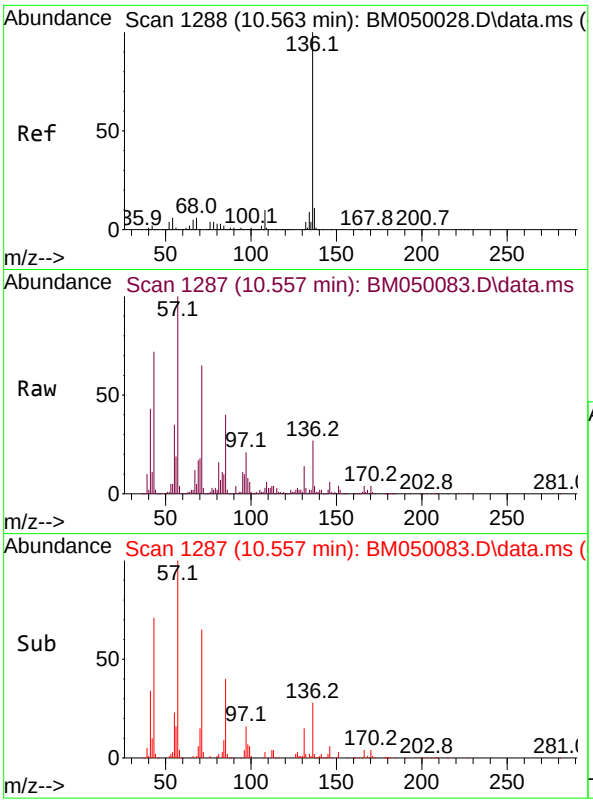


#20
3+4-Methylphenols
Concen: 35.801 ng
RT: 8.539 min Scan# 944
Delta R.T. -0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:107 Resp: 729805

Ion	Ratio	Lower	Upper
107	100		
108	87.9	72.4	112.4
77	41.0	13.6	53.6
79	36.4	9.2	49.2

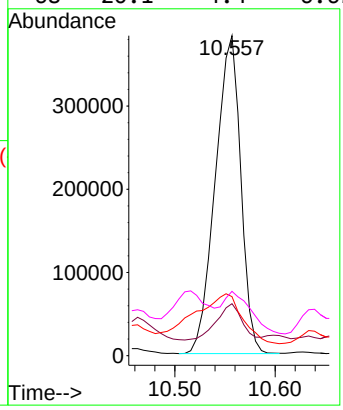




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:136 Resp: 67235

Ion	Ratio	Lower	Upper
136	100		
137	16.2	8.9	13.3#
54	18.4	5.1	7.7#
68	20.1	4.4	6.6#



Instrument :
BNA_M
ClientSampleId :
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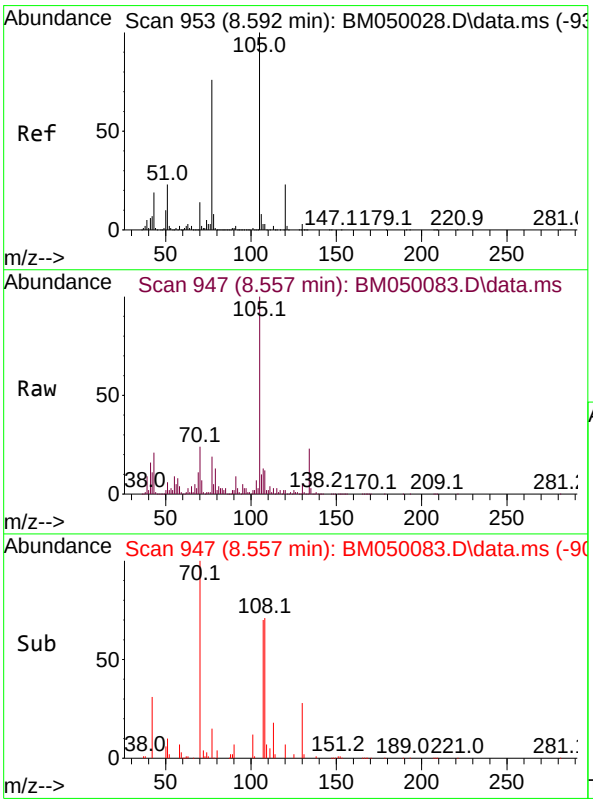
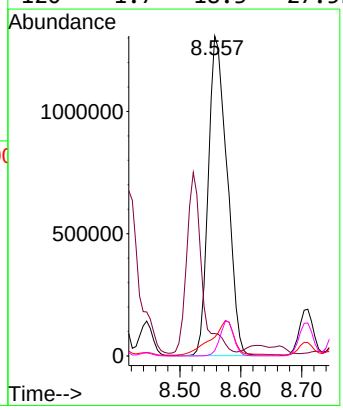
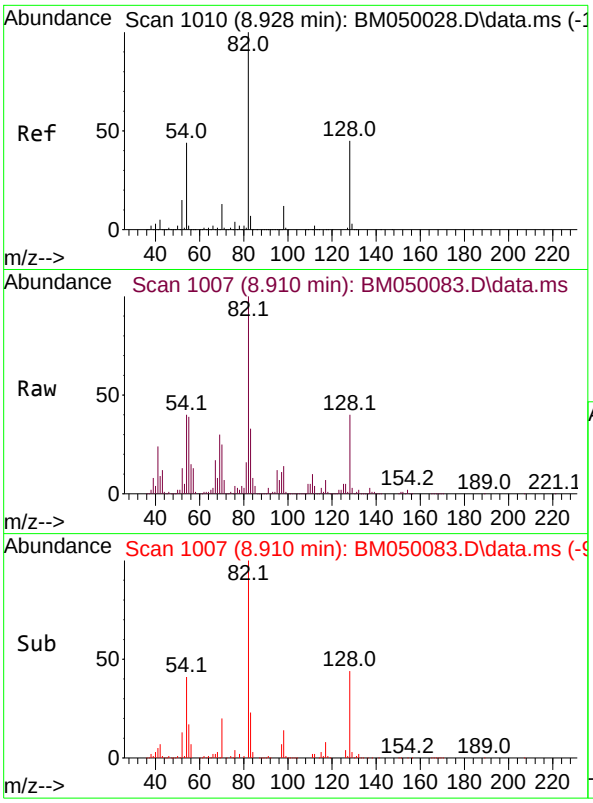


#22
Acetophenone
Concen: 167.605 ng
RT: 8.557 min Scan# 947
Delta R.T. -0.035 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:105 Resp: 2801668

Ion	Ratio	Lower	Upper
105	100		
71	7.0	1.7	2.5#
51	5.9	18.6	27.8#
120	1.7	18.3	27.5#

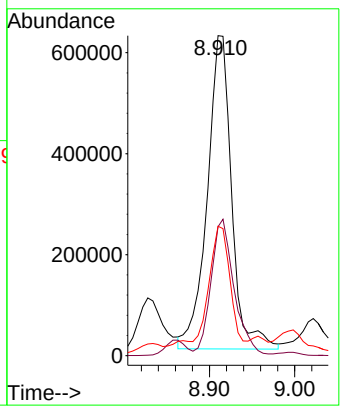




#23
Nitrobenzene-d5
Concen: 90.993 ng
RT: 8.910 min Scan# 1(
Delta R.T. -0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion: 82 Resp: 124156

Ion	Ratio	Lower	Upper
82	100		
128	40.3	35.7	53.5
54	40.4	35.4	53.2



Instrument :
BNA_M
ClientSampleId :
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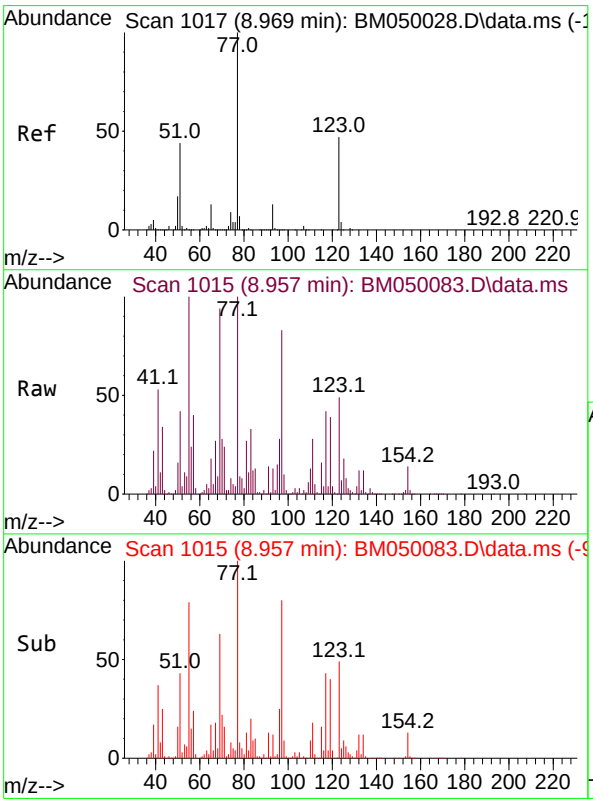
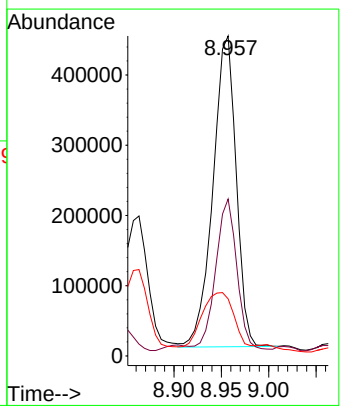
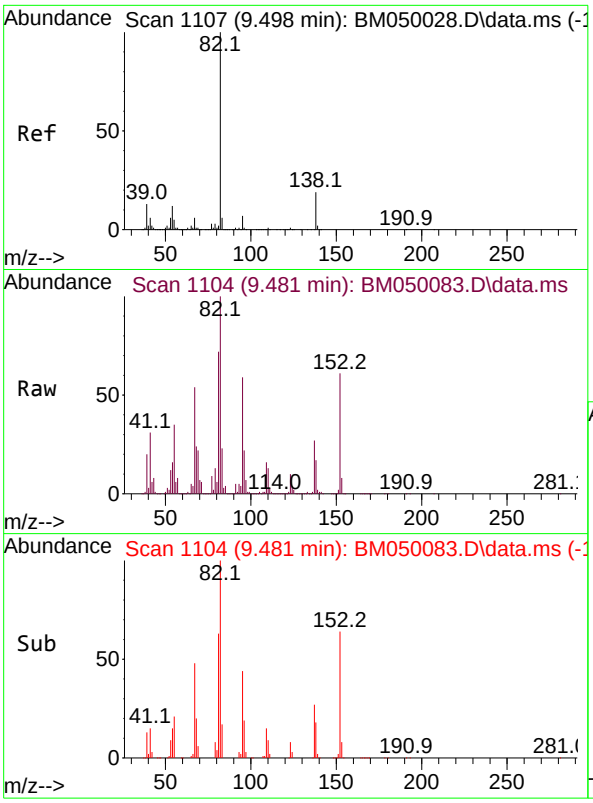


#24
Nitrobenzene
Concen: 64.086 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion: 77 Resp: 756087

Ion	Ratio	Lower	Upper
77	100		
123	49.0	37.9	56.9
65	17.9	10.1	15.1#

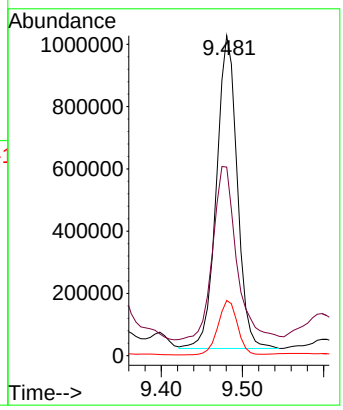




#25
Isophorone
Concen: 76.813 ng
RT: 9.481 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion: 82 Resp: 178655

Ion	Ratio	Lower	Upper
82	100		
95	59.0	5.7	8.5#
138	17.2	15.5	23.3



Instrument :
BNA_M
ClientSampleId :
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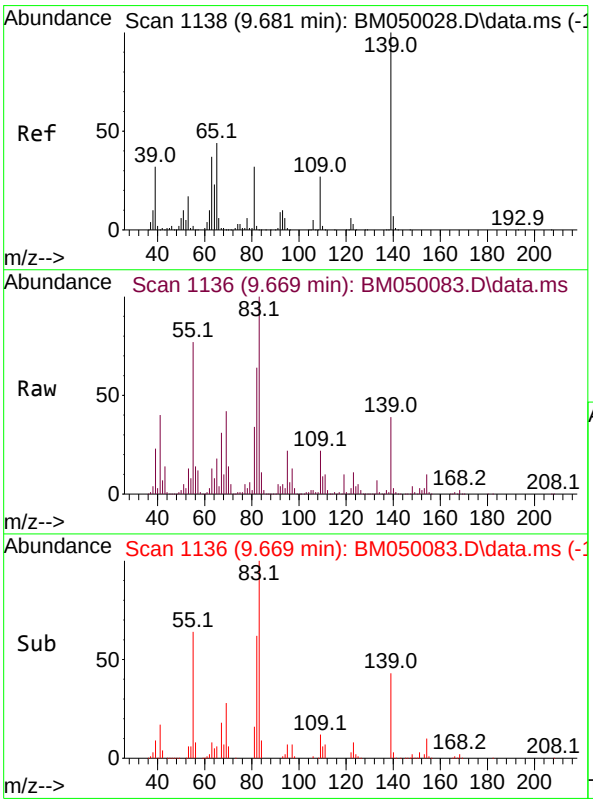
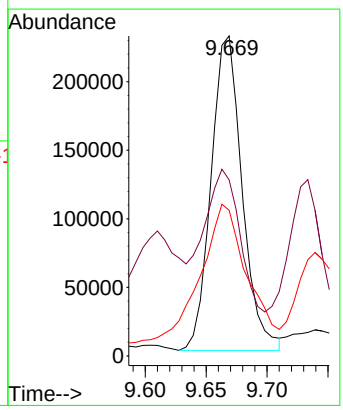
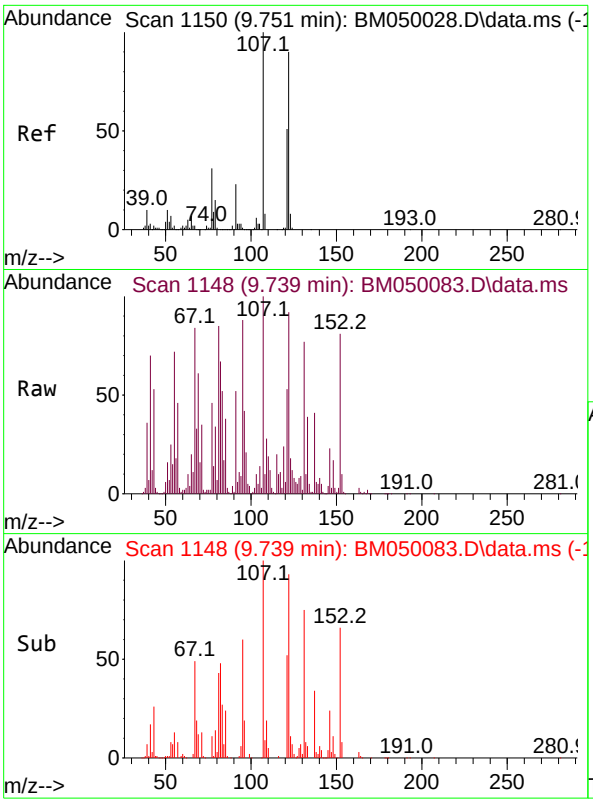


#26
2-Nitrophenol
Concen: 67.404 ng
RT: 9.669 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:139 Resp: 406262

Ion	Ratio	Lower	Upper
139	100		
109	55.1	21.9	32.9#
65	45.6	35.4	53.2





#27
2,4-Dimethylphenol
Concen: 59.617 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:122 Resp: 59589

Ion	Ratio	Lower	Upper
122	100		
107	109.0	89.0	133.6
121	57.9	45.6	68.4

Instrument :
BNA_M
ClientSampleId :
SS-8MS

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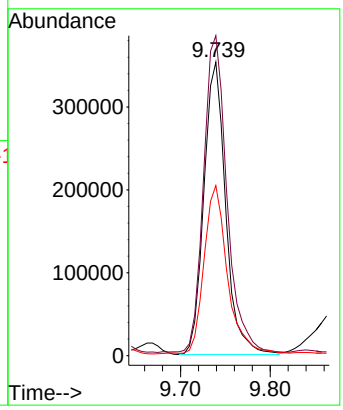
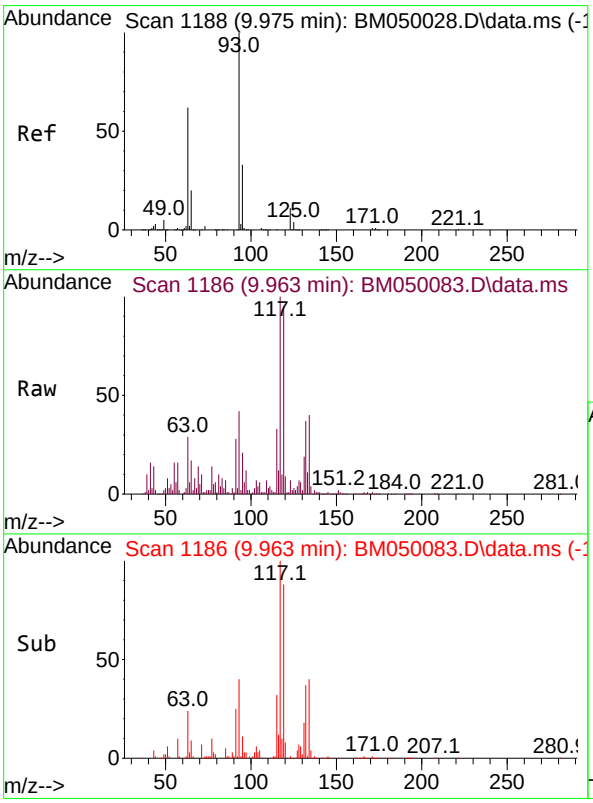
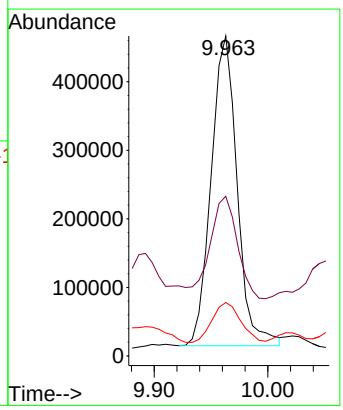


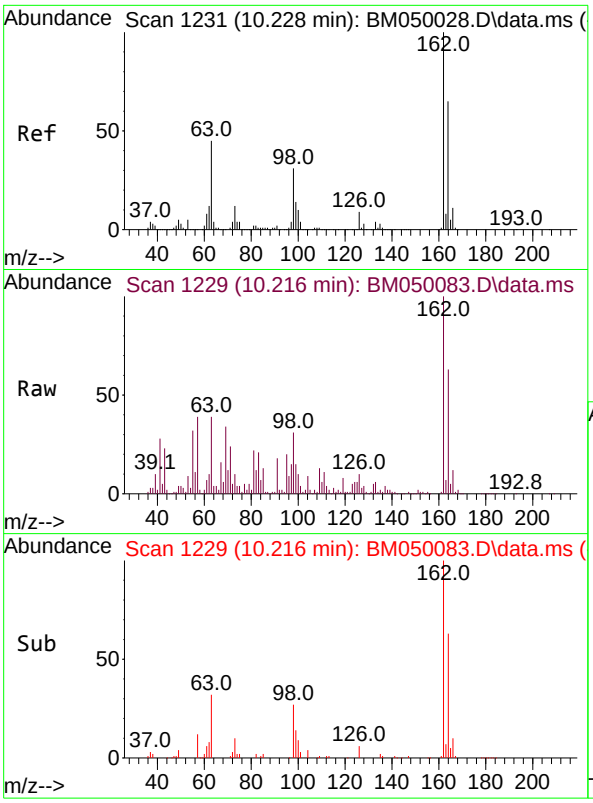


#28
bis(2-Chloroethoxy)methane
Concen: 50.064 ng
RT: 9.963 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion: 93 Resp: 719708

Ion	Ratio	Lower	Upper
93	100		
95	49.9	26.1	39.1#
123	16.7	9.5	14.3#

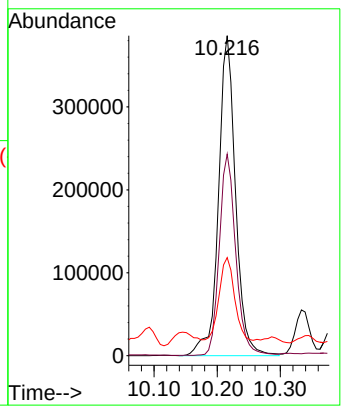




#29
2,4-Dichlorophenol
Concen: 64.831 ng
RT: 10.216 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:162 Resp: 72595

Ion	Ratio	Lower	Upper
162	100		
164	63.0	45.4	85.4
98	30.6	11.3	51.3



Instrument :
BNA_M
ClientSampleId :
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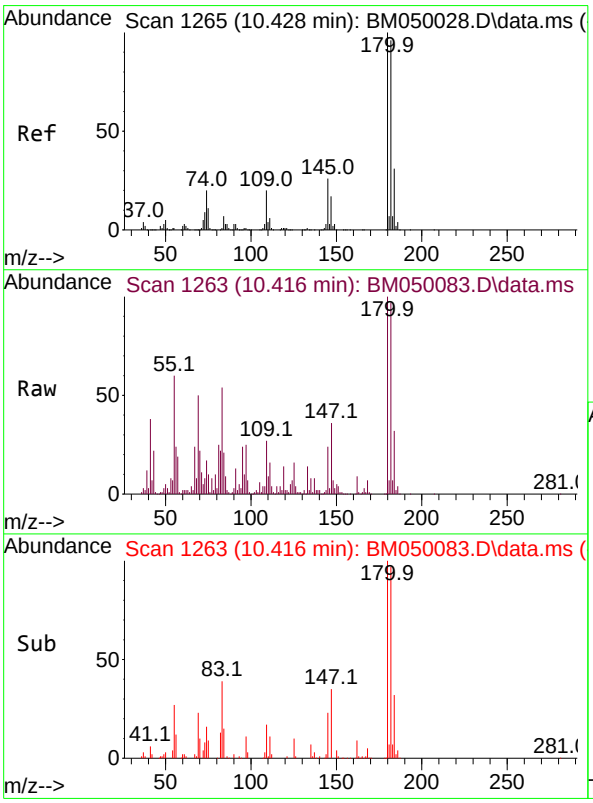
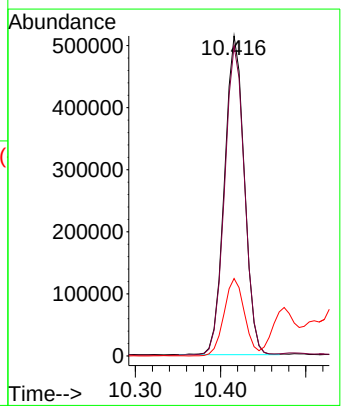
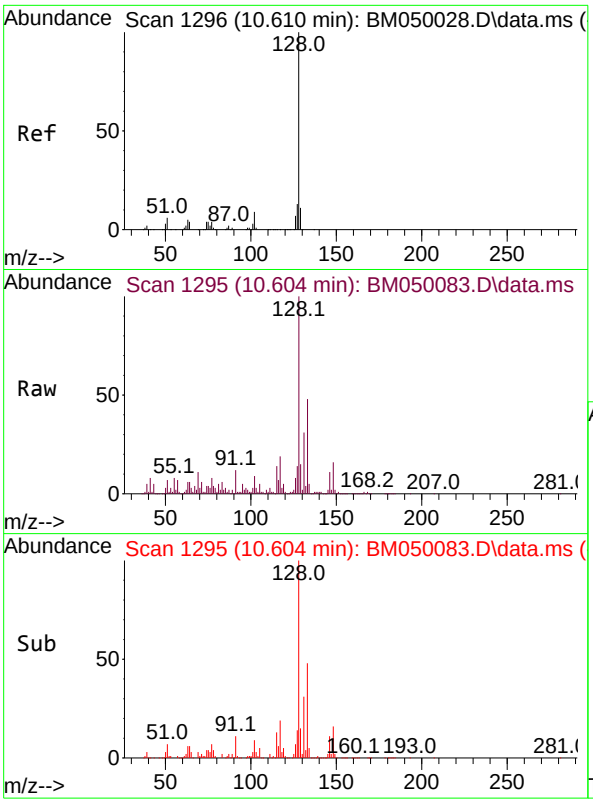


#30
1,2,4-Trichlorobenzene
Concen: 60.884 ng
RT: 10.416 min Scan# 1263
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:180 Resp: 830639

Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.0	115.4
145	24.2	20.6	30.8

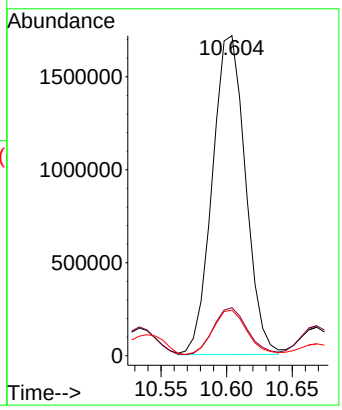




#31
Naphthalene
Concen: 88.661 ng
RT: 10.604 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:128 Resp: 301893

Ion	Ratio	Lower	Upper
128	100		
129	15.0	8.8	13.2#
127	14.3	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
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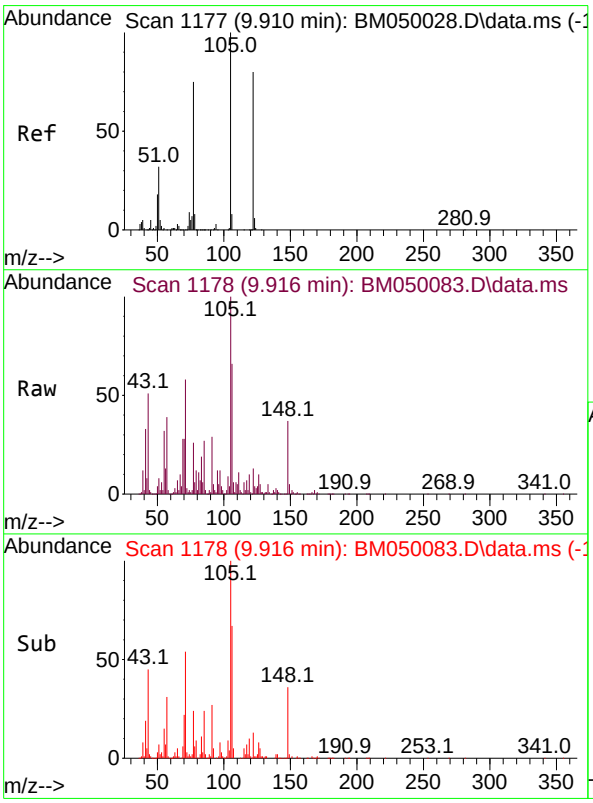
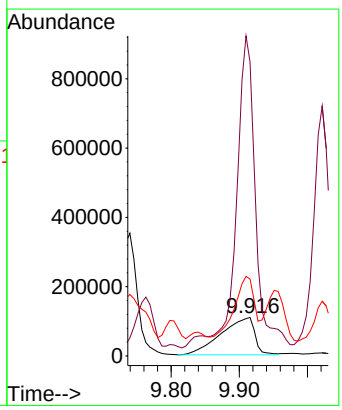
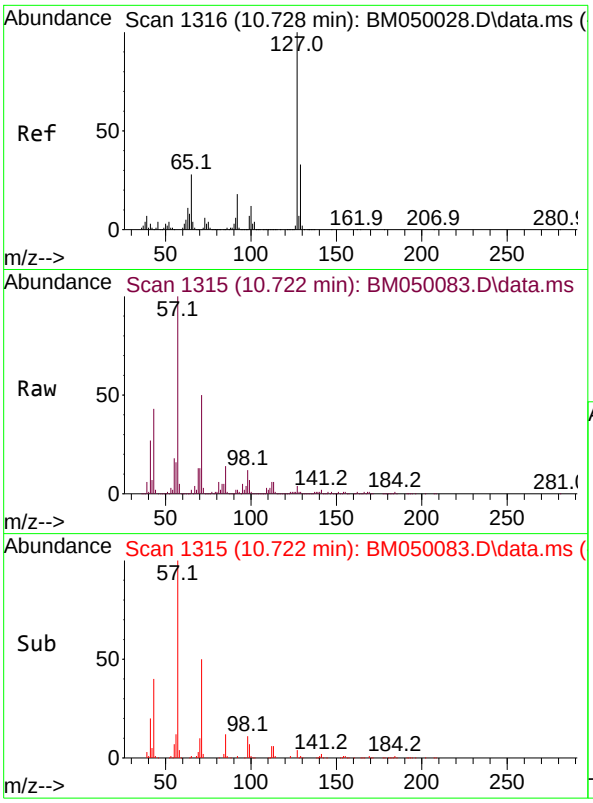


#32
Benzoic acid
Concen: 58.030 ng
RT: 9.916 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:122 Resp: 370969

Ion	Ratio	Lower	Upper
122	100		
105	763.2	103.6	143.6#
77	199.7	73.7	113.7#

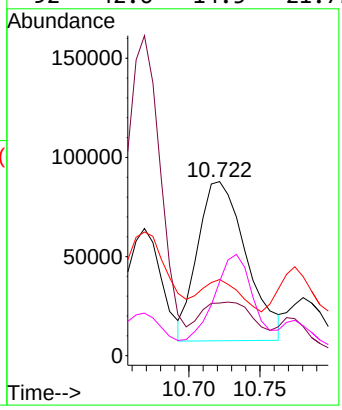




#33
4-Chloroaniline
Concen: 13.680 ng
RT: 10.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:127 Resp: 19092

Ion	Ratio	Lower	Upper
127	100		
129	30.2	26.3	39.5
65	43.7	22.5	33.7#
92	42.6	14.5	21.7#



Instrument :
BNA_M
ClientSampleId :
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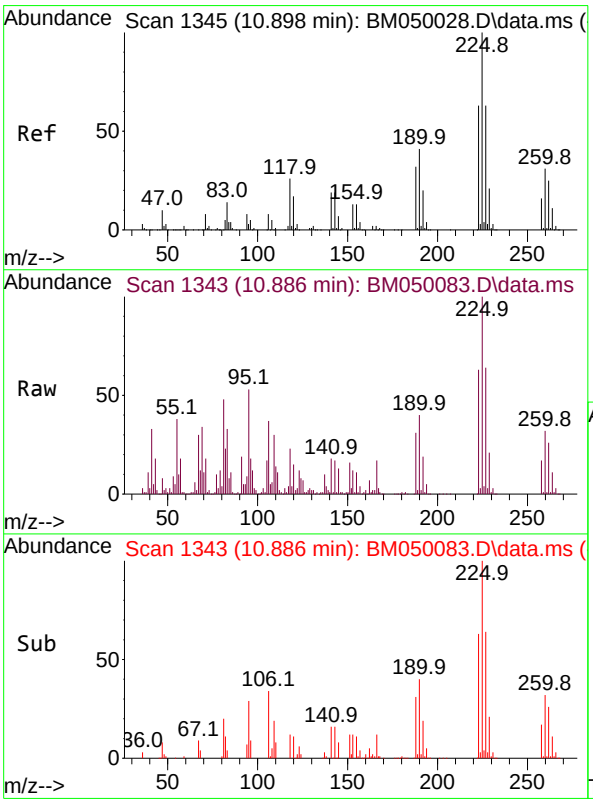
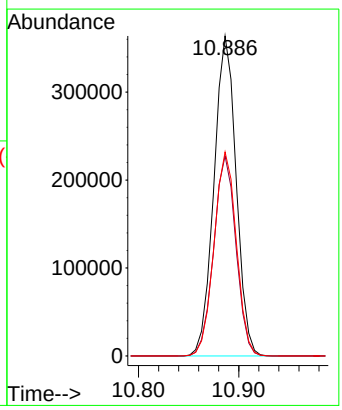
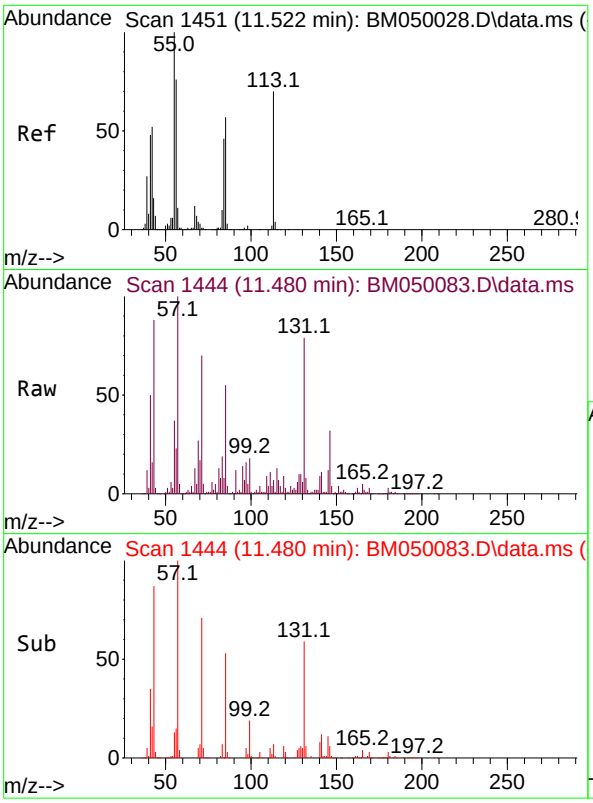


#34
Hexachlorobutadiene
Concen: 64.456 ng
RT: 10.886 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:225 Resp: 558193

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.2	75.2
227	63.7	50.6	76.0





#35
Caprolactam
Concen: 81.827 ng m
RT: 11.480 min Scan# 14
Delta R.T. -0.041 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:113 Resp: 26716

Ion	Ratio	Lower	Upper
113	100		
55	547.9	122.9	162.9
56	335.9	88.1	128.1

Instrument :
BNA_M
ClientSampleId :
SS-8MS

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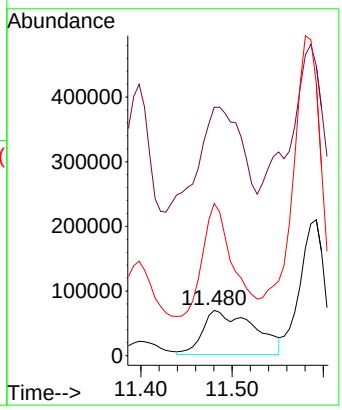
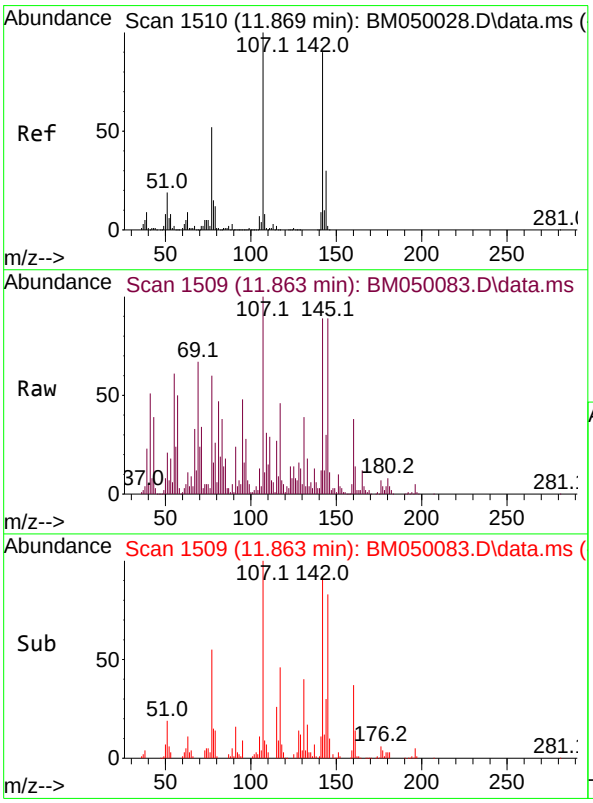
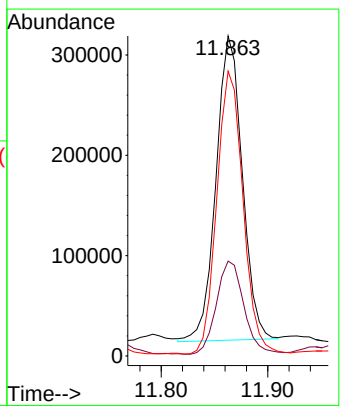


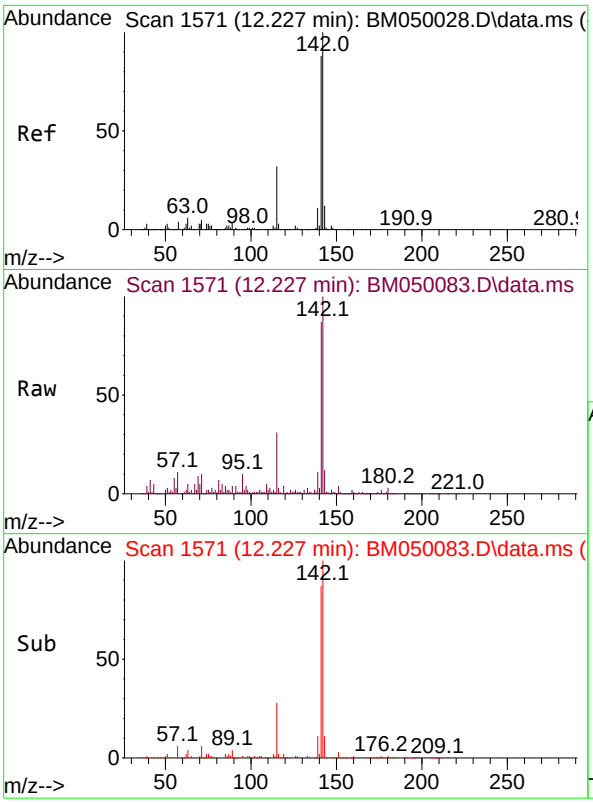


#36
4-Chloro-3-methylphenol
Concen: 50.150 ng
RT: 11.863 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:107 Resp: 518827

Ion	Ratio	Lower	Upper
107	100		
144	29.6	23.8	35.6
142	89.0	71.9	107.9

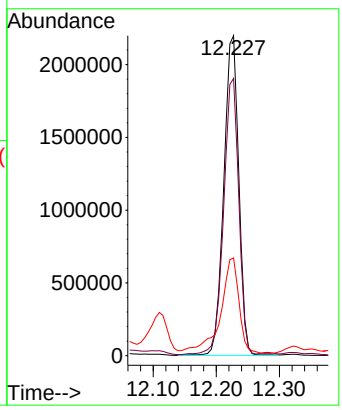




#37
2-Methylnaphthalene
Concen: 158.570 ng
RT: 12.227 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:142 Resp: 361994

Ion	Ratio	Lower	Upper
142	100		
141	86.7	70.4	105.6
115	30.5	25.4	38.2



Instrument :
BNA_M
ClientSampleId :
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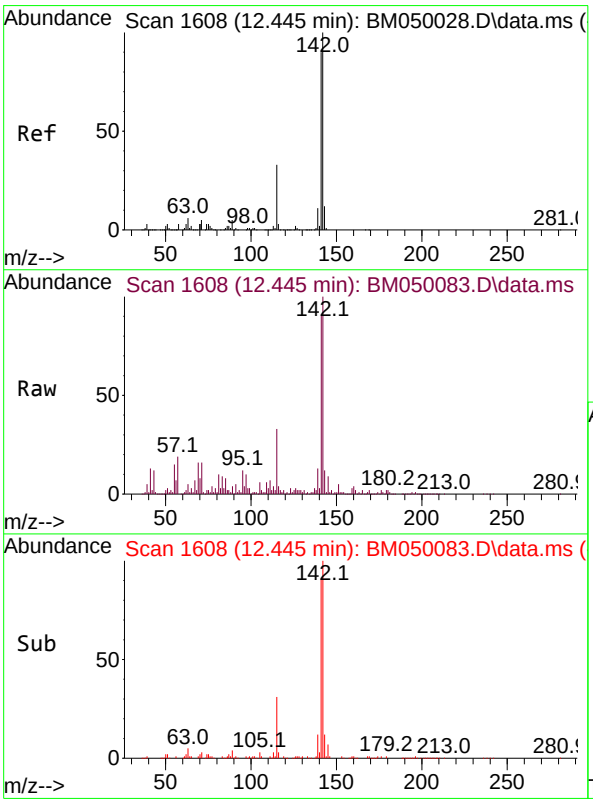
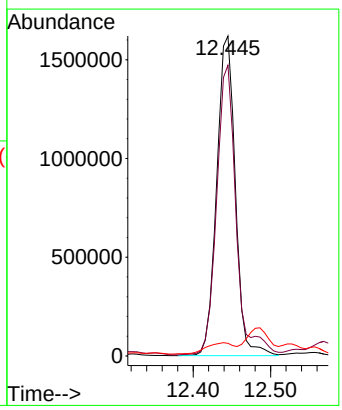
Supervised By :Jagrut Upadhyay 05/05/2025

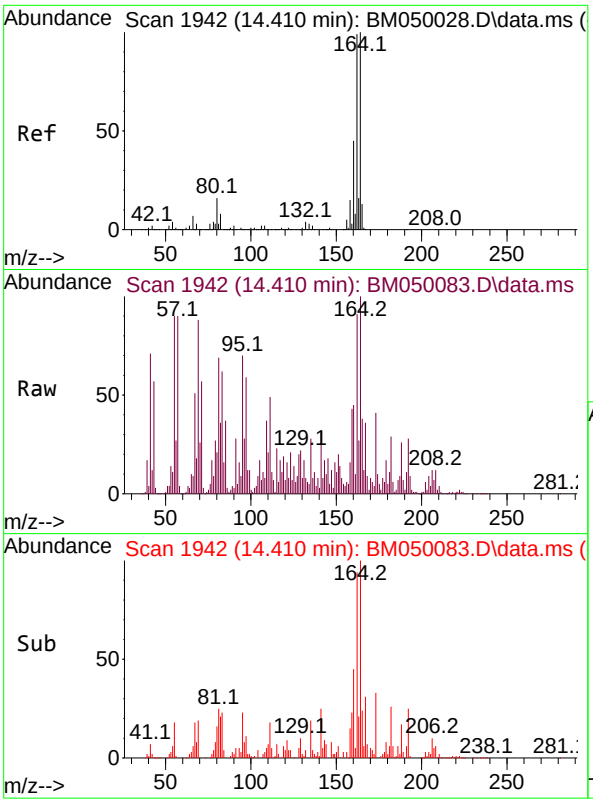


#38
1-Methylnaphthalene
Concen: 112.277 ng
RT: 12.445 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:142 Resp: 2712508

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.1	108.1
116	3.9	2.7	4.1

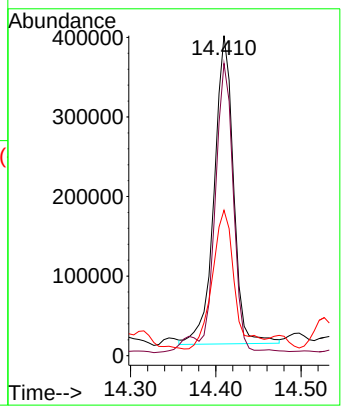




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:164 Resp: 61196

Ion	Ratio	Lower	Upper
164	100		
162	91.4	79.4	119.0
160	45.4	36.2	54.4



Instrument :
BNA_M
ClientSampleId :
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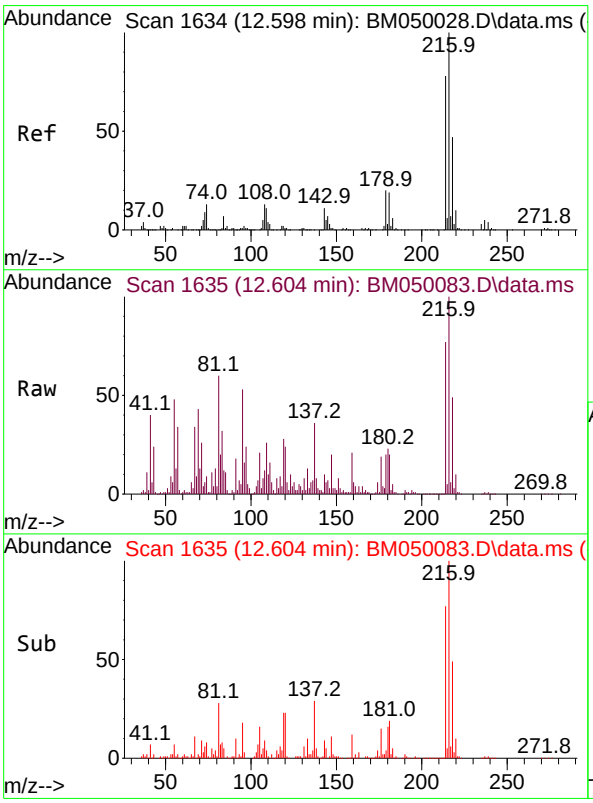
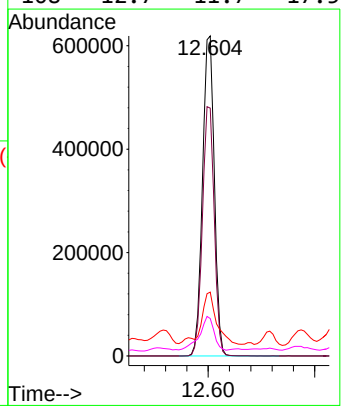
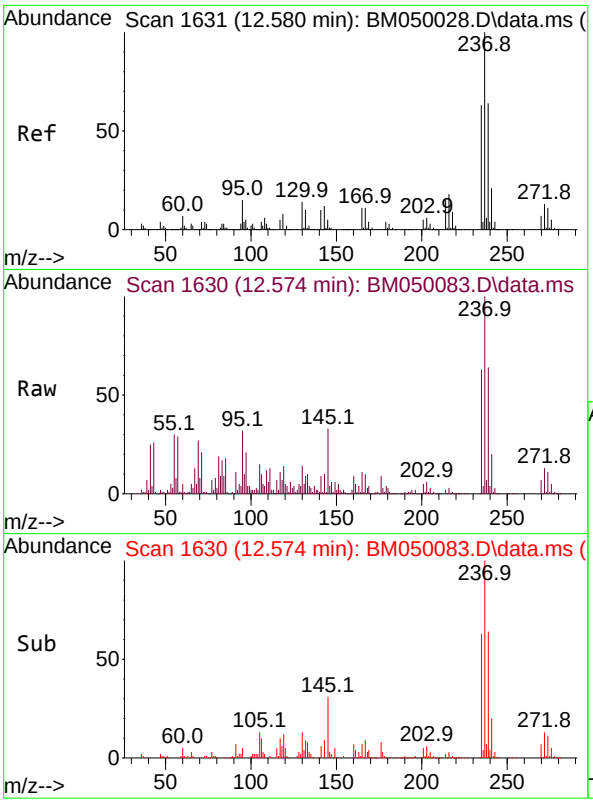


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.853 ng
RT: 12.604 min Scan# 1635
Delta R.T. 0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:216 Resp: 950192

Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.3	93.5
179	20.0	15.4	23.0
108	12.7	11.7	17.5

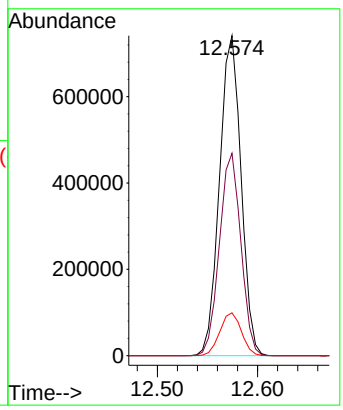




#41
Hexachlorocyclopentadiene
Concen: 85.454 ng
RT: 12.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:237 Resp: 110631

Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.9	82.9
272	13.4	0.0	32.9



Instrument :
BNA_M
ClientSampleId :
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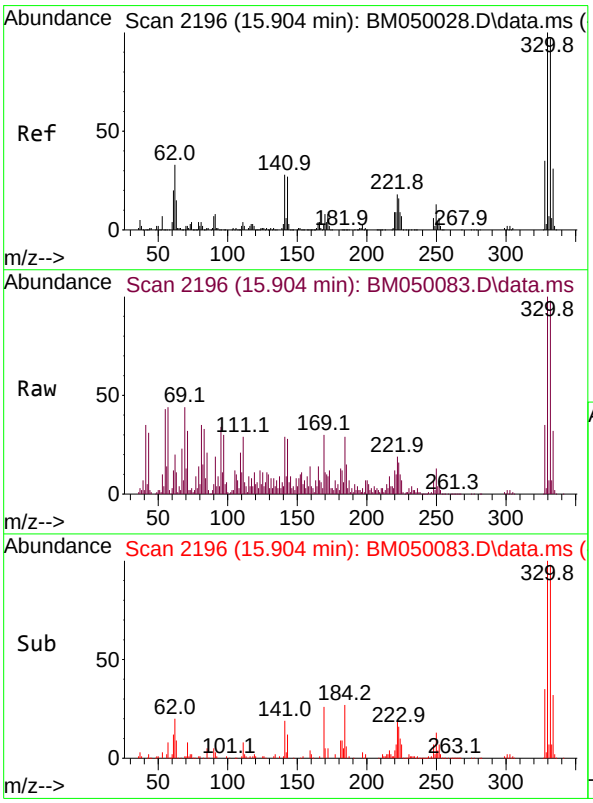
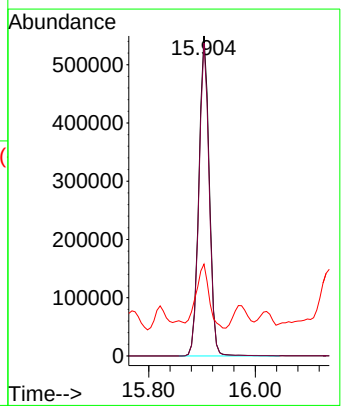
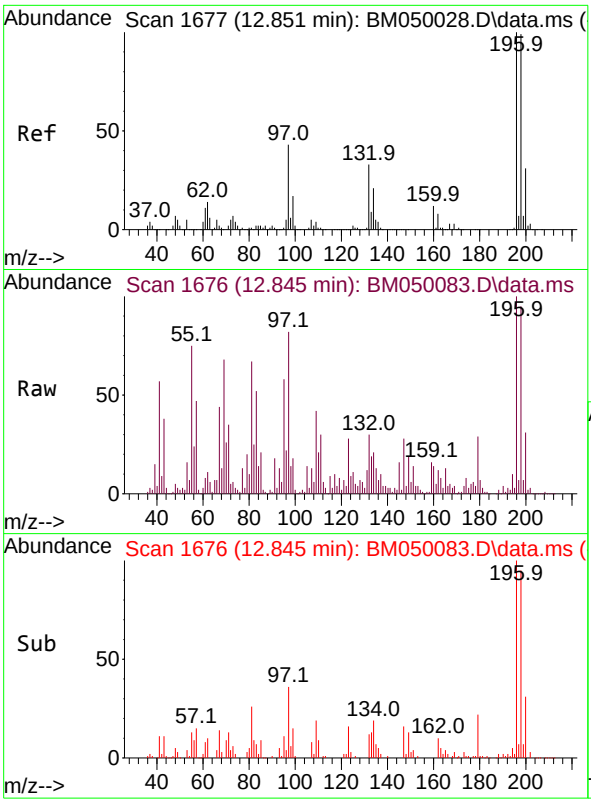


#42
2,4,6-Tribromophenol
Concen: 82.569 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:330 Resp: 747146

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	24.6	22.5	33.7

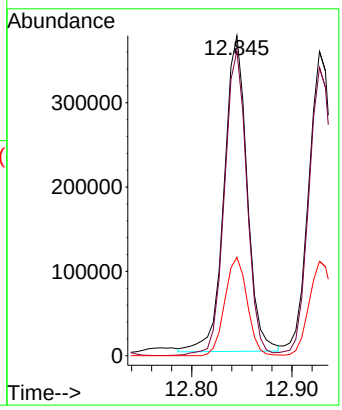




#43
2,4,6-Trichlorophenol
Concen: 44.312 ng
RT: 12.845 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:196 Resp: 59540

Ion	Ratio	Lower	Upper
196	100		
198	95.2	79.0	118.6
200	30.8	25.1	37.7



Instrument :
BNA_M
ClientSampleId :
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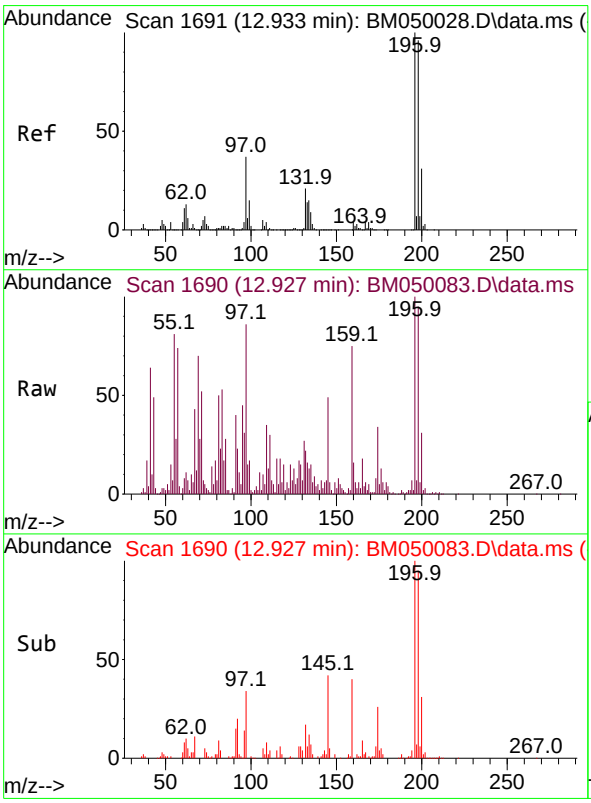
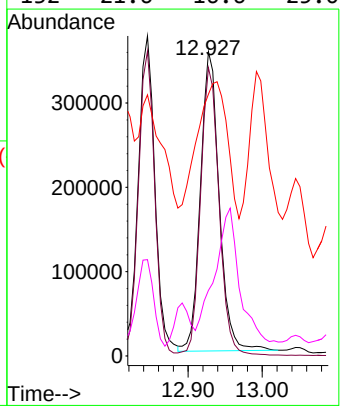
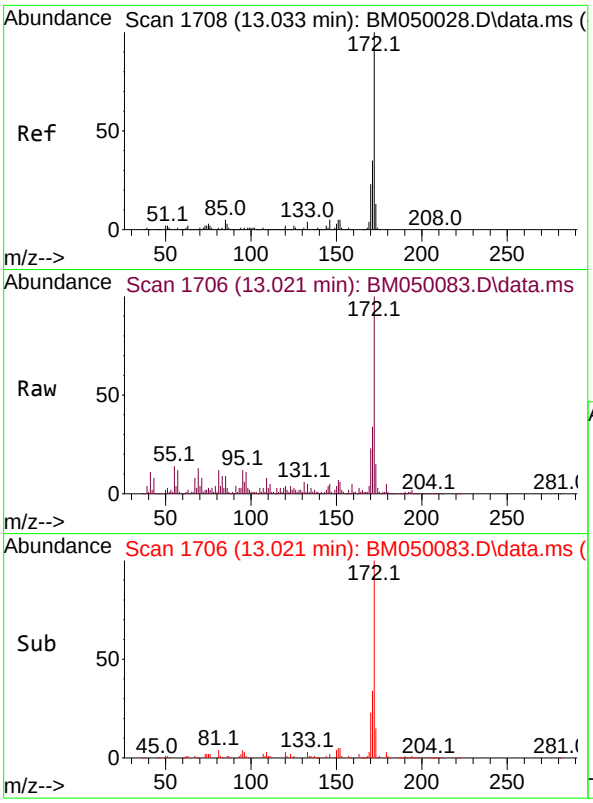


#44
2,4,5-Trichlorophenol
Concen: 43.063 ng
RT: 12.927 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:196 Resp: 623962

Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.7	115.1
97	86.1	30.1	45.1#
132	21.6	16.6	25.0

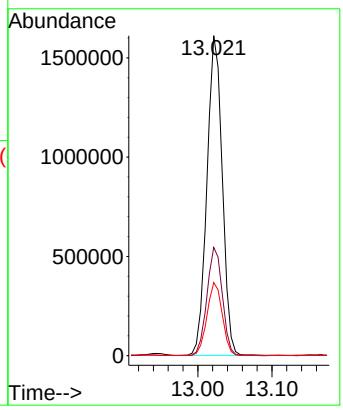




#45
2-Fluorobiphenyl
Concen: 44.664 ng
RT: 13.021 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:172 Resp: 231050

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.8	41.6
170	22.8	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
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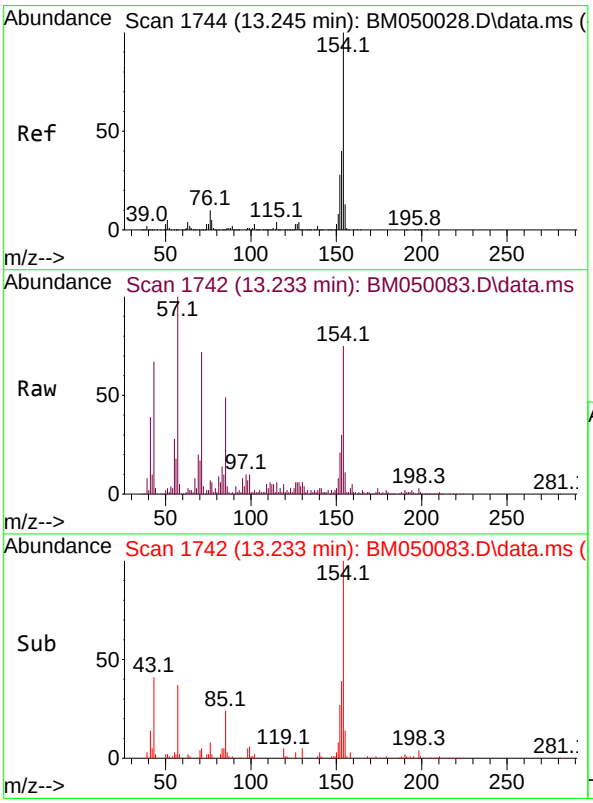
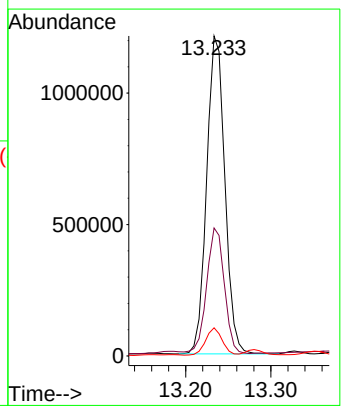
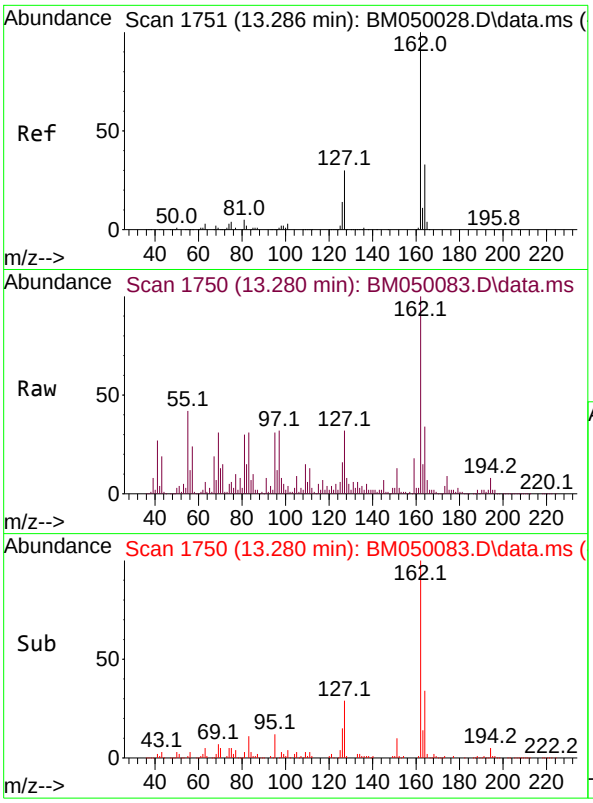


#46
1,1'-Biphenyl
Concen: 39.419 ng
RT: 13.233 min Scan# 1742
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:154 Resp: 1793182

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.0	60.0
76	8.8	0.0	30.3

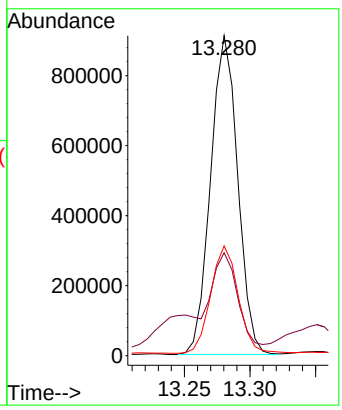




#47
2-Chloronaphthalene
Concen: 36.393 ng
RT: 13.280 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:162 Resp: 131118

Ion	Ratio	Lower	Upper
162	100		
127	32.2	25.9	38.9
164	34.3	26.6	40.0



Instrument :
BNA_M
ClientSampleId :
SS-8MS

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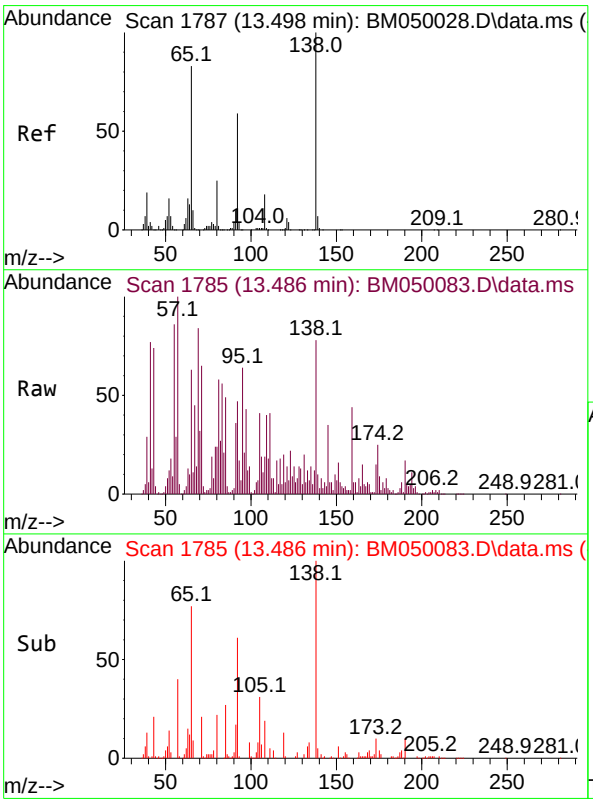
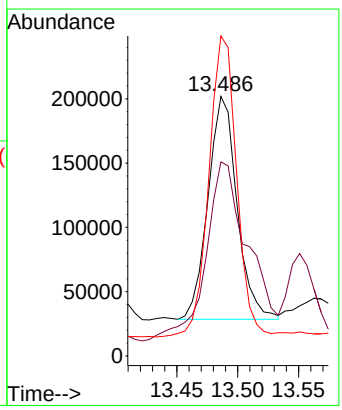
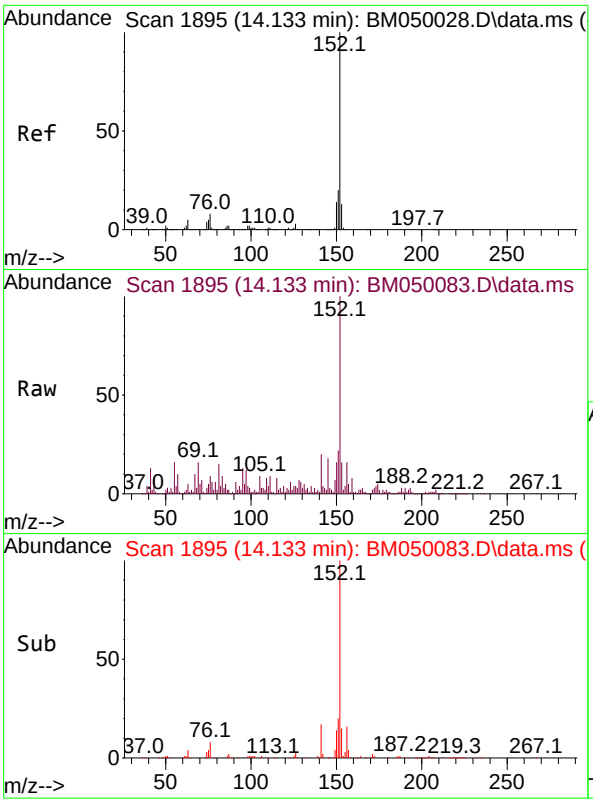


#48
2-Nitroaniline
Concen: 34.003 ng
RT: 13.486 min Scan# 1785
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion: 65 Resp: 287529

Ion	Ratio	Lower	Upper
65	100		
92	74.8	57.1	85.7
138	123.3	97.0	145.4

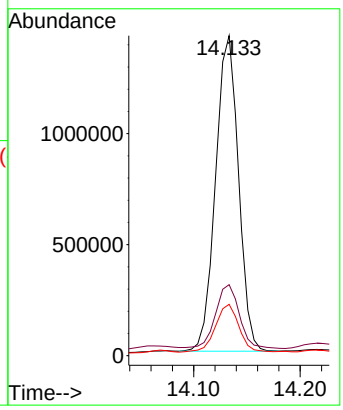




#49
Acenaphthylene
Concen: 37.343 ng
RT: 14.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:152 Resp: 212131

Ion	Ratio	Lower	Upper
152	100		
151	22.2	15.8	23.8
153	16.1	10.6	15.8#



Instrument :
BNA_M
ClientSampleId :
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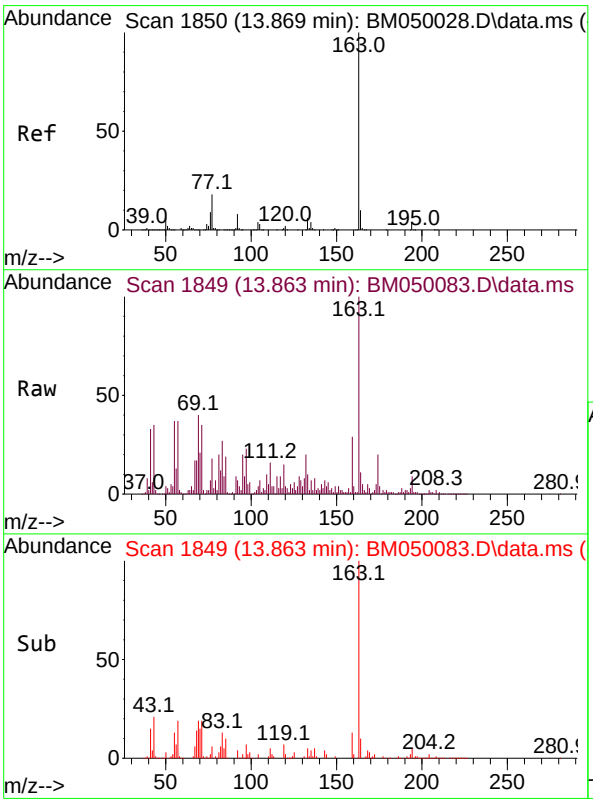
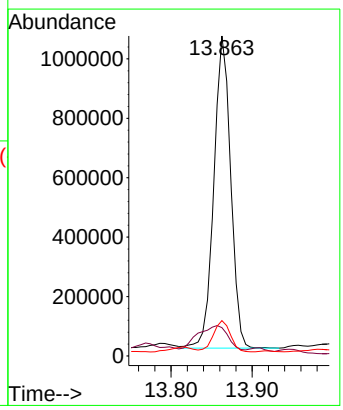
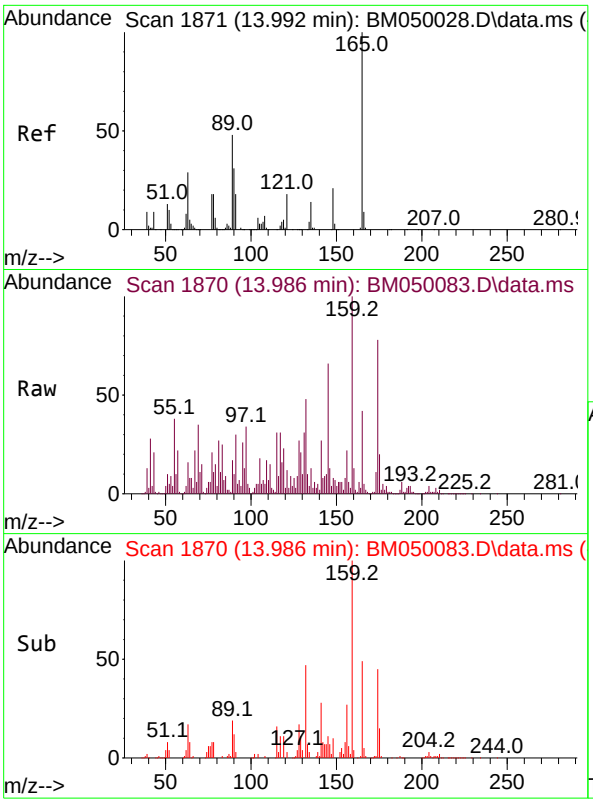


#50
Dimethylphthalate
Concen: 33.902 ng
RT: 13.863 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:163 Resp: 1516207

Ion	Ratio	Lower	Upper
163	100		
194	8.9	3.4	5.2#
164	11.1	8.2	12.2

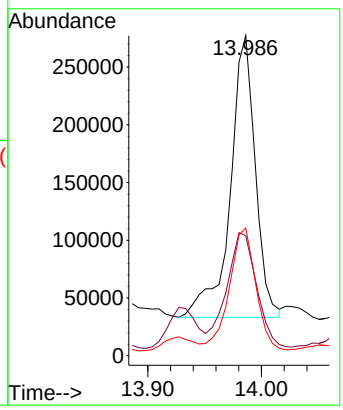




#51
2,6-Dinitrotoluene
Concen: 40.505 ng
RT: 13.986 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:165 Resp: 37506

Ion	Ratio	Lower	Upper
165	100		
63	37.5	35.1	52.7
89	39.9	38.4	57.6



Instrument :
BNA_M
ClientSampleId :
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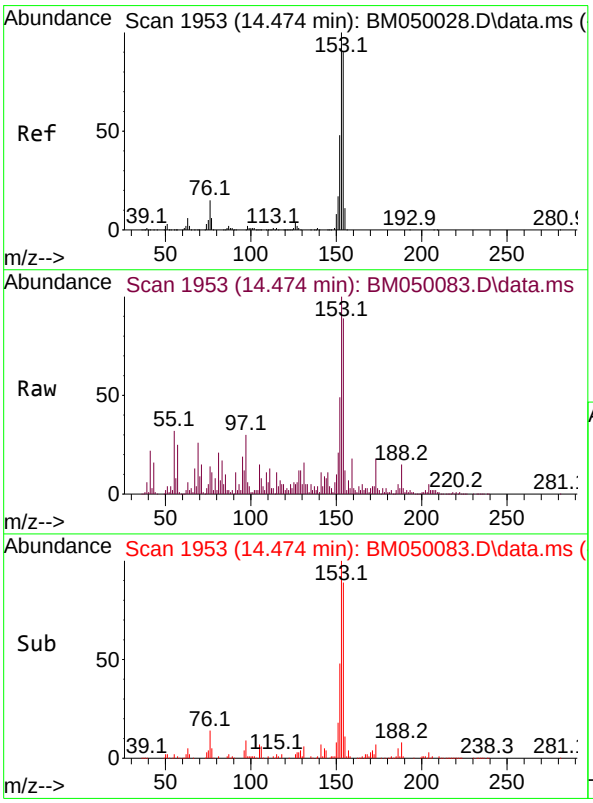
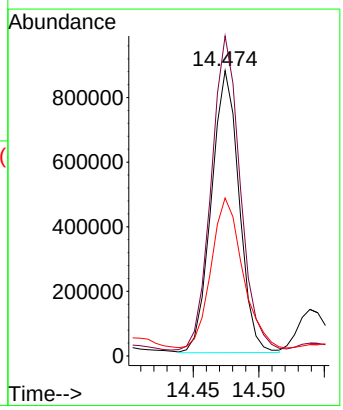
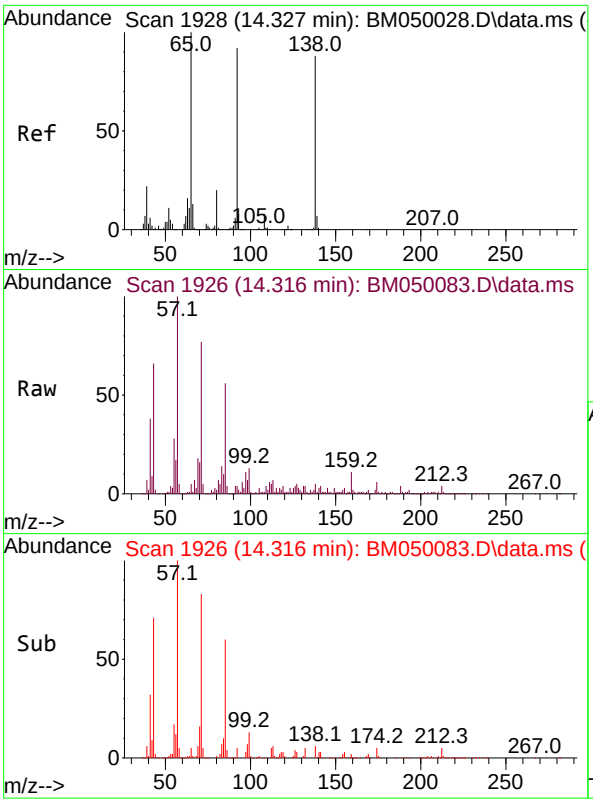


#52
Acenaphthene
Concen: 39.011 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:154 Resp: 1282732

Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.0	133.4
152	55.4	43.0	64.6





#53
3-Nitroaniline
Concen: 17.162 ng
RT: 14.316 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:138 Resp: 15172

Ion	Ratio	Lower	Upper
138	100		
108	22.9	7.4	11.2
92	87.5	84.0	126.0

Instrument :
BNA_M
ClientSampleId :
SS-8MS

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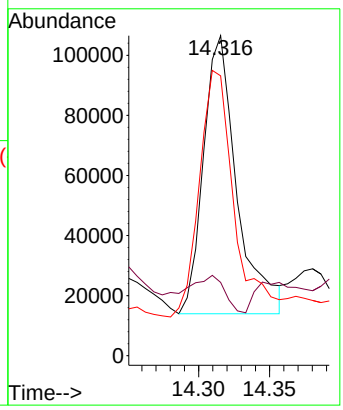
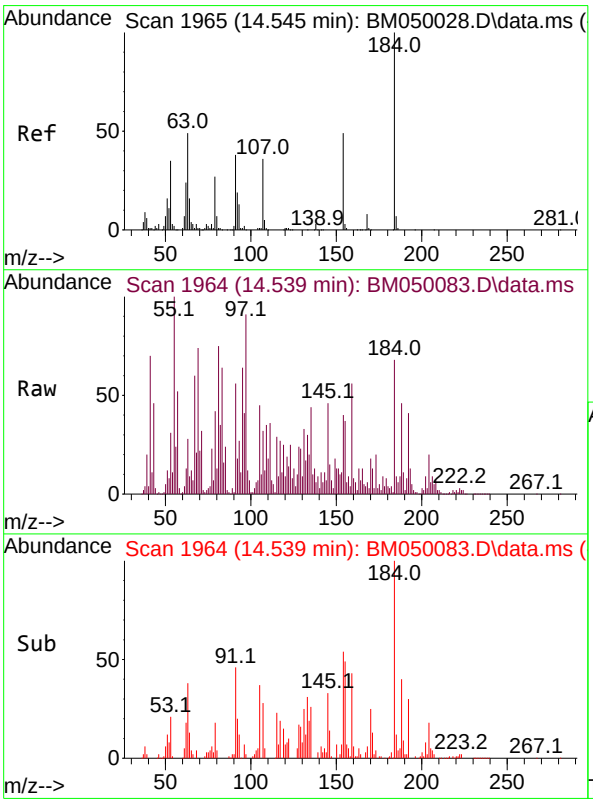
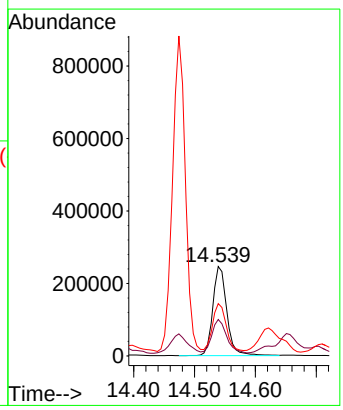


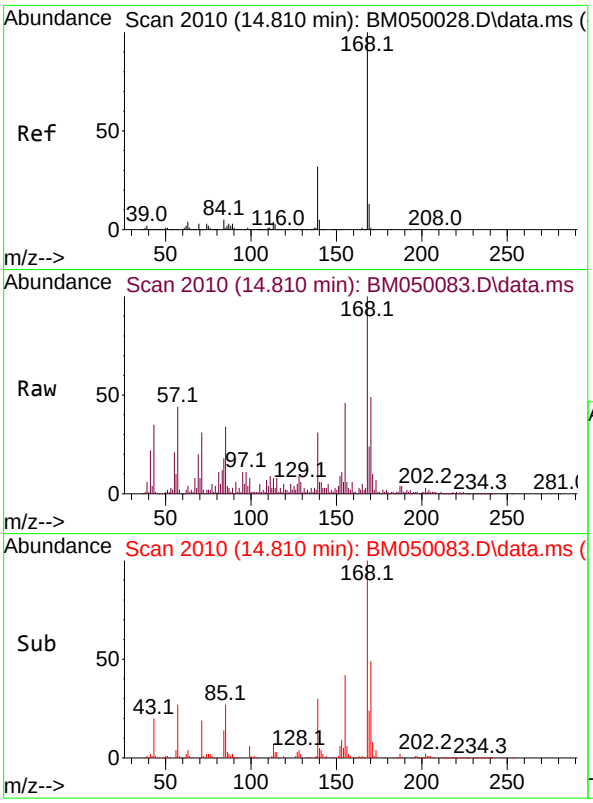


#54
2,4-Dinitrophenol
Concen: 67.614 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:184 Resp: 394999

Ion	Ratio	Lower	Upper
184	100		
63	40.8	39.8	59.6
154	58.4	46.1	69.1

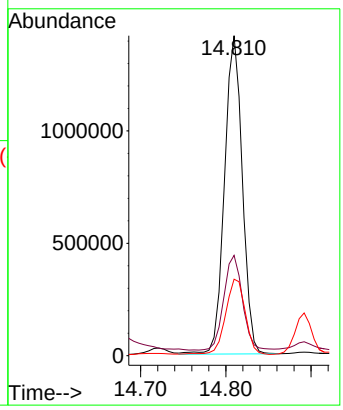




#55
Dibenzofuran
Concen: 37.675 ng
RT: 14.810 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:168 Resp: 206109

Ion	Ratio	Lower	Upper
168	100		
139	31.4	26.1	39.1
169	23.9	10.8	16.2#



Instrument :
BNA_M
ClientSampleId :
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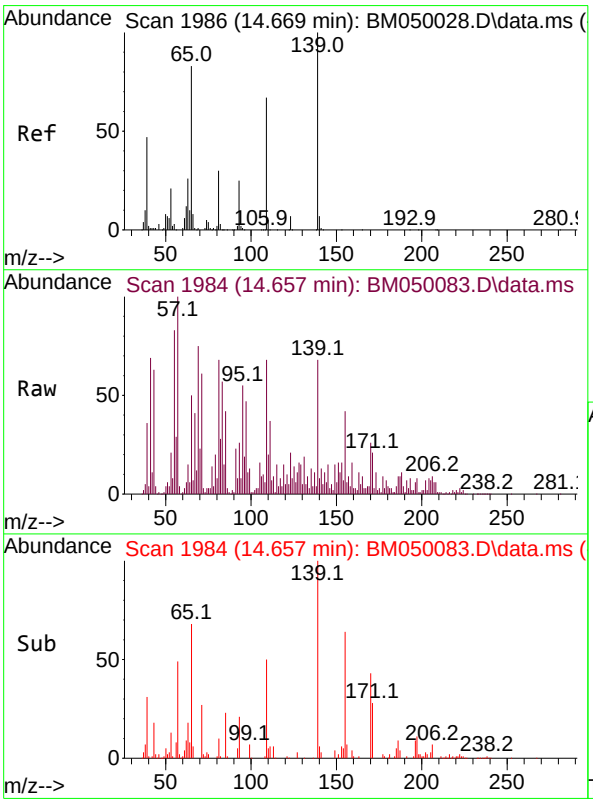
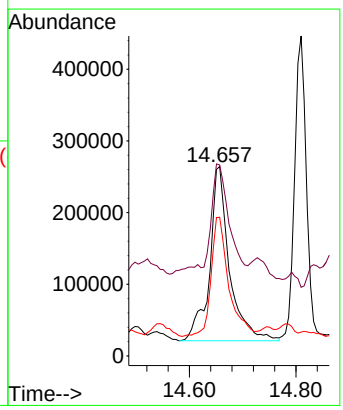
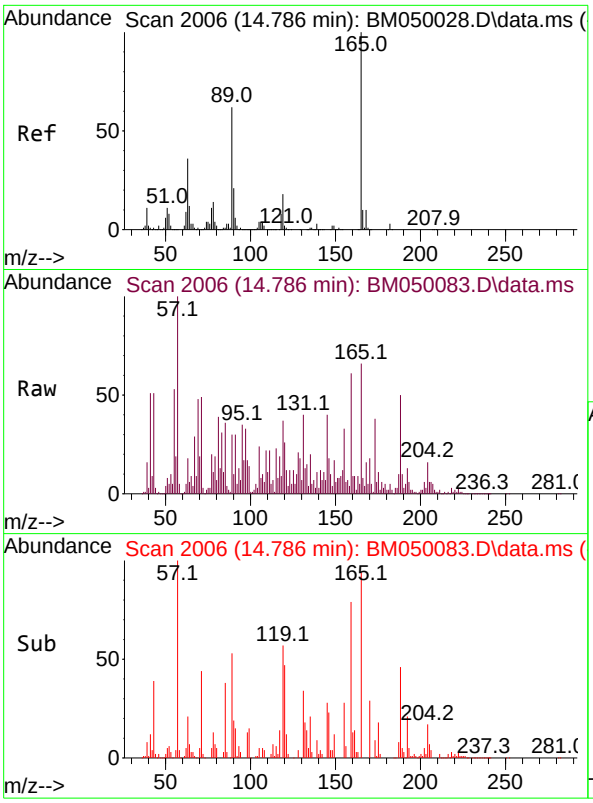


#56
4-Nitrophenol
Concen: 86.712 ng
RT: 14.657 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:139 Resp: 626541

Ion	Ratio	Lower	Upper
139	100		
109	100.8	47.0	87.0#
65	73.2	64.3	104.3

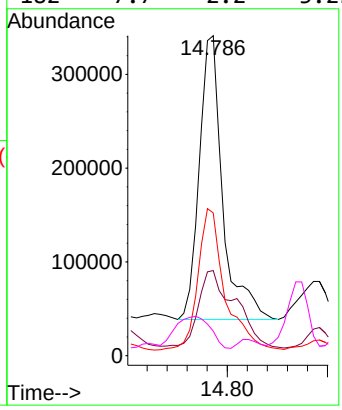




#57
2,4-Dinitrotoluene
Concen: 38.486 ng
RT: 14.786 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:165 Resp: 49243

Ion	Ratio	Lower	Upper
165	100		
63	26.6	29.0	43.6#
89	44.6	49.4	74.2#
182	7.7	2.2	3.2#



Instrument :
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ClientSampleId :
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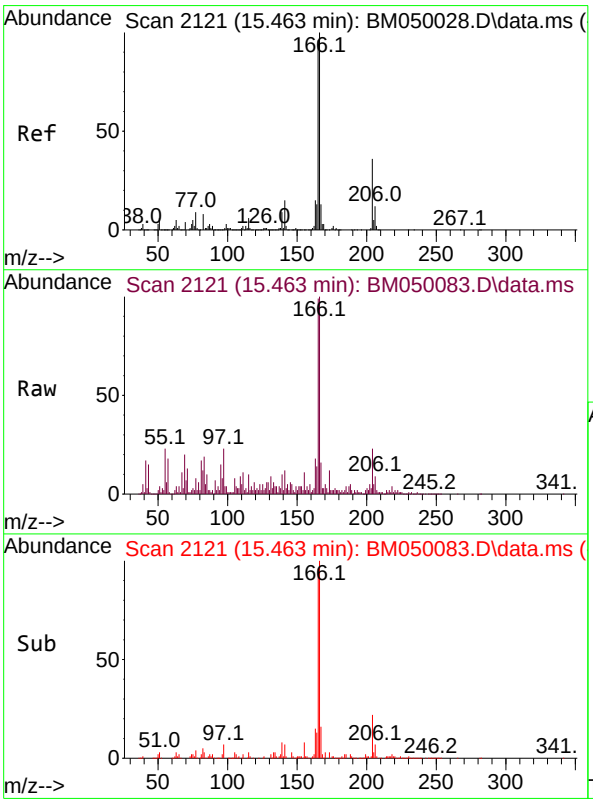
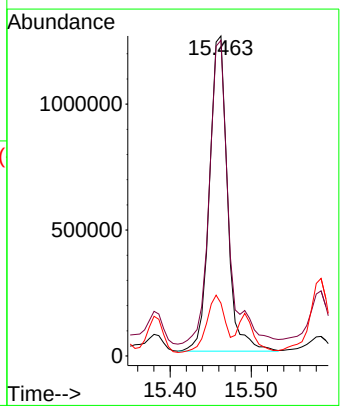
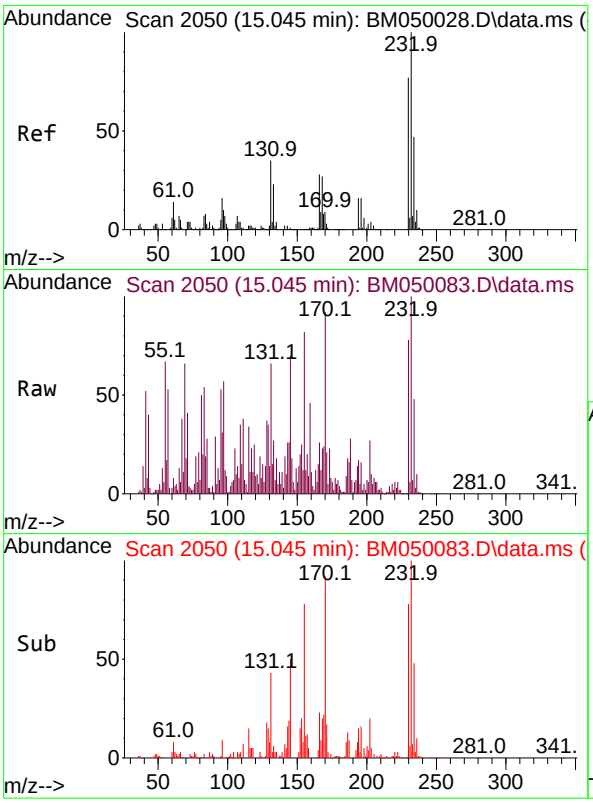


#58
Fluorene
Concen: 43.108 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:166 Resp: 1930330

Ion	Ratio	Lower	Upper
166	100		
165	98.6	76.6	115.0
167	16.5	10.6	16.0#

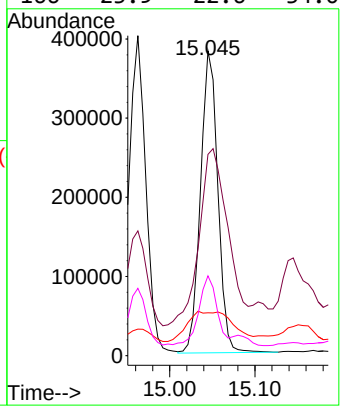




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.016 ng
RT: 15.045 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:232 Resp: 53951

Ion	Ratio	Lower	Upper
232	100		
131	96.8	28.2	42.4#
130	14.8	1.5	2.3#
166	23.9	22.6	34.0



Instrument :
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ClientSampleId :
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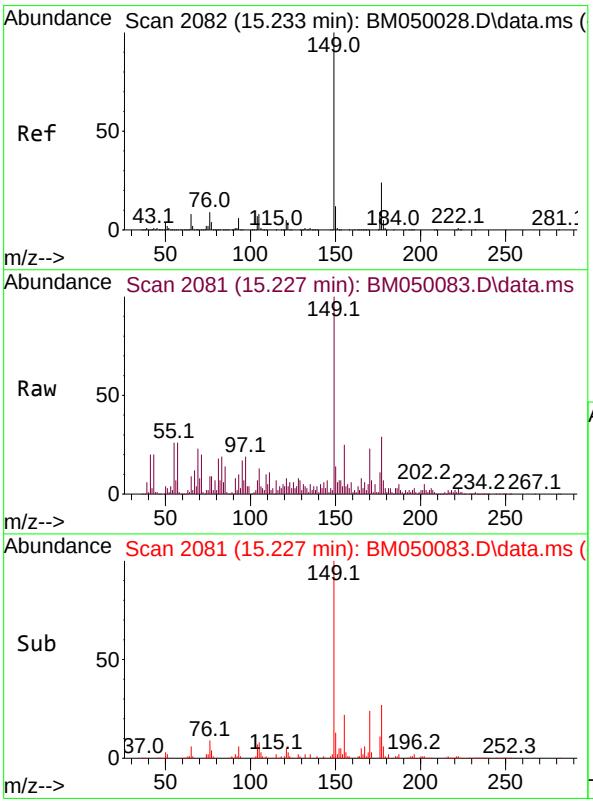
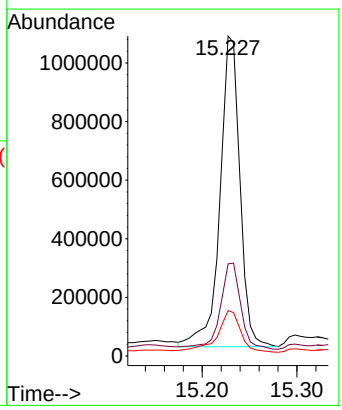
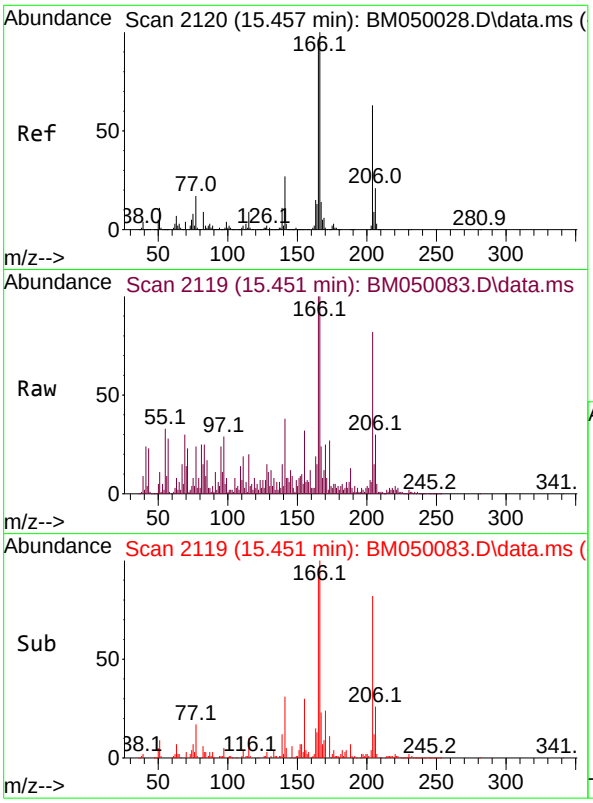


#60
Diethylphthalate
Concen: 36.943 ng
RT: 15.227 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:149 Resp: 1556841

Ion	Ratio	Lower	Upper
149	100		
177	28.8	19.1	28.7#
150	14.1	9.6	14.4

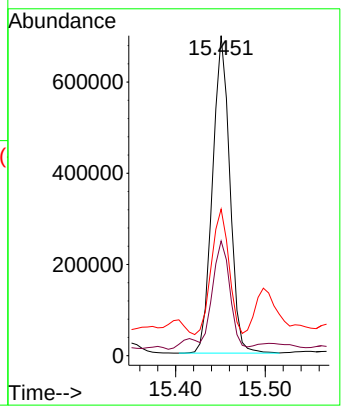




#61
4-Chlorophenyl-phenylether
Concen: 37.908 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:204 Resp: 93235

Ion	Ratio	Lower	Upper
204	100		
206	35.8	26.3	39.5
141	45.8	34.0	51.0



Instrument :
BNA_M
ClientSampleId :
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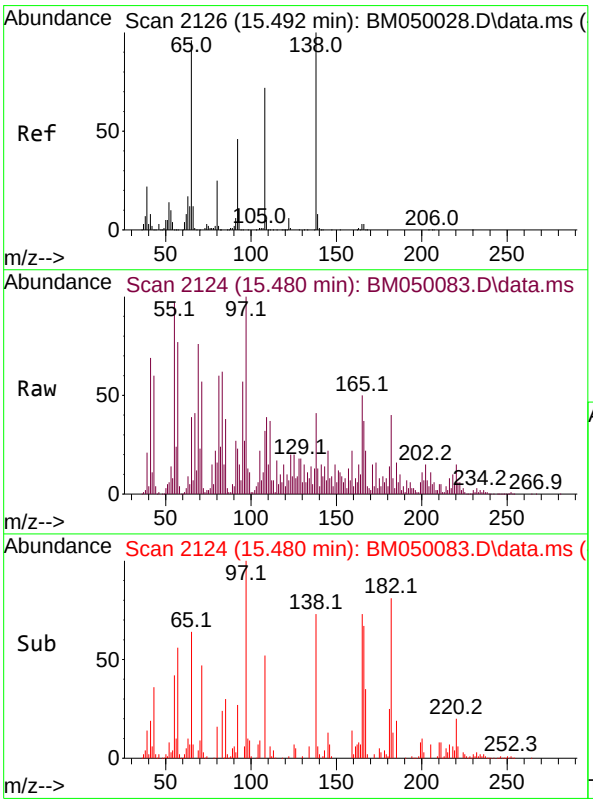
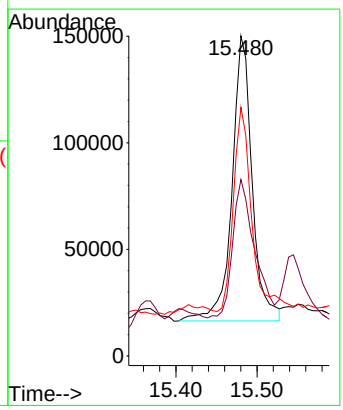
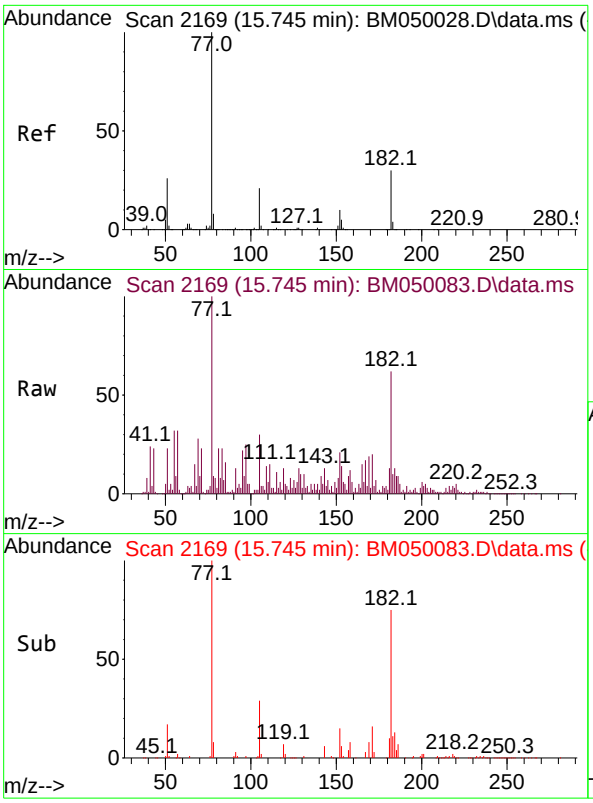


#62
4-Nitroaniline
Concen: 27.028 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:138 Resp: 230529

Ion	Ratio	Lower	Upper
138	100		
92	55.2	25.9	65.9
108	77.7	52.4	92.4

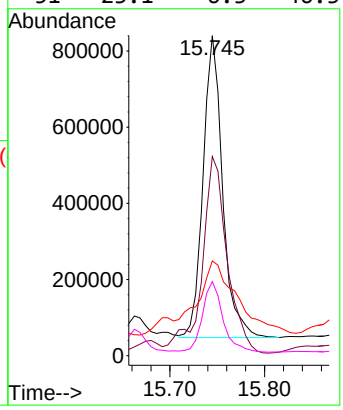




#63
Azobenzene
Concen: 32.157 ng
RT: 15.745 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion: 77 Resp: 113569

Ion	Ratio	Lower	Upper
77	100		
182	62.3	10.5	50.5#
105	29.6	1.1	41.1
51	23.1	6.3	46.3



Instrument :
BNA_M
ClientSampleId :
SS-8MS

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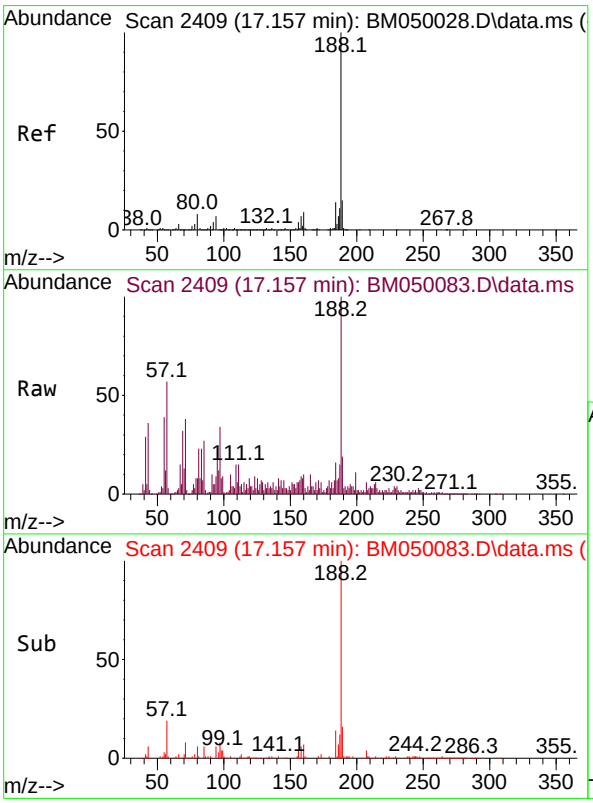
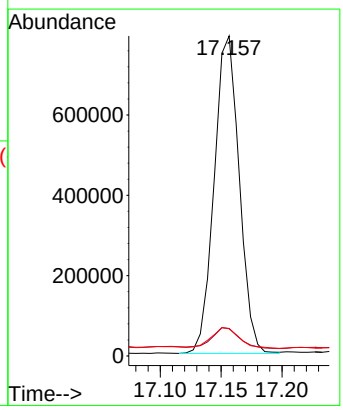
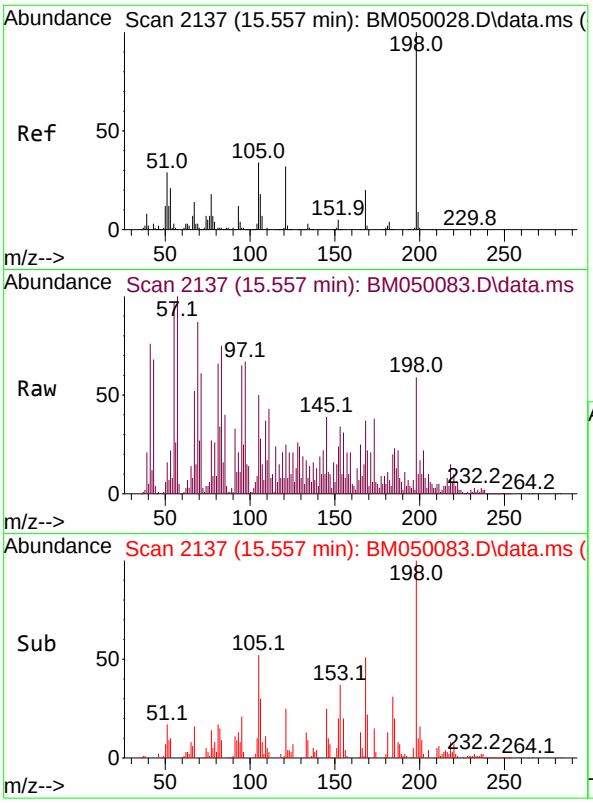


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:188 Resp: 1130506

Ion	Ratio	Lower	Upper
188	100		
94	8.6	5.7	8.5#
80	8.5	6.2	9.4





#65
4,6-Dinitro-2-methylphenol
Concen: 36.472 ng
RT: 15.557 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:198 Resp: 25809

Ion	Ratio	Lower	Upper
198	100		
51	26.3	10.4	50.4
105	83.5	14.6	54.6

Instrument :
BNA_M
ClientSampleId :
SS-8MS

Manual Integrations
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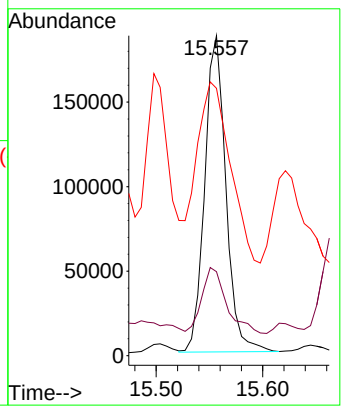
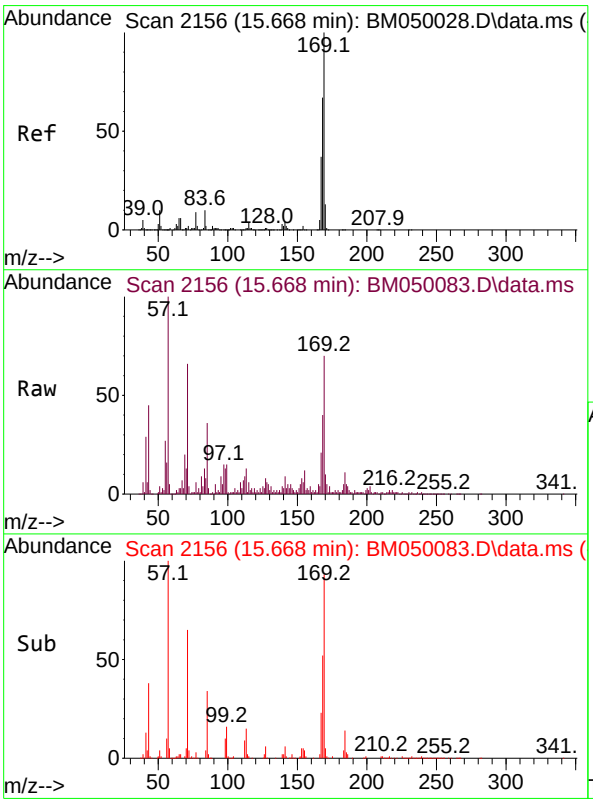
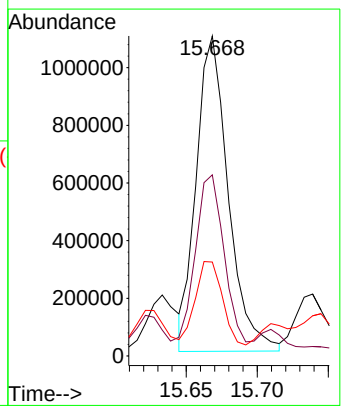


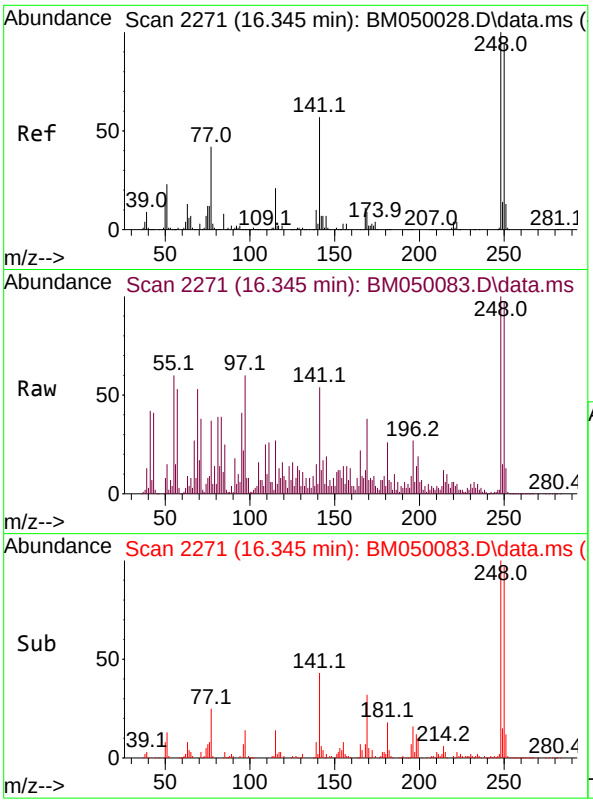


#66
n-Nitrosodiphenylamine
Concen: 49.483 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:169 Resp: 1717787

Ion	Ratio	Lower	Upper
169	100		
168	56.6	53.4	80.2
167	29.4	29.4	44.0





#67
4-Bromophenyl-phenylether
Concen: 45.043 ng
RT: 16.345 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:248 Resp: 61577

Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.2	114.2
141	54.2	45.9	68.9

Instrument :
BNA_M
ClientSampleId :
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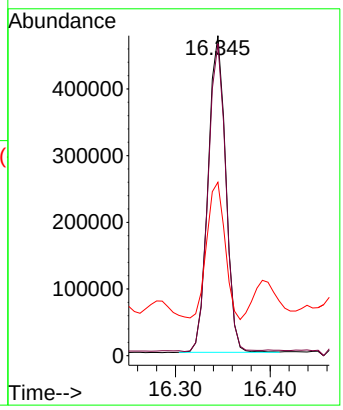
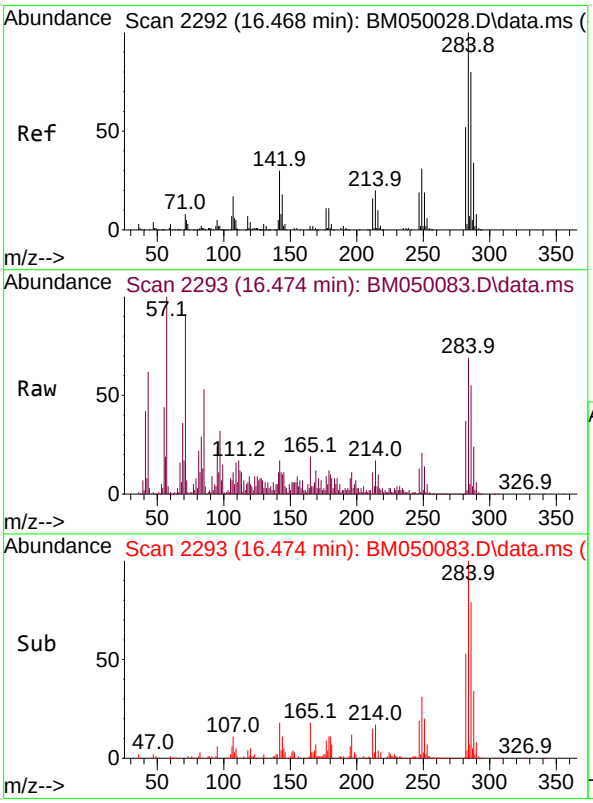
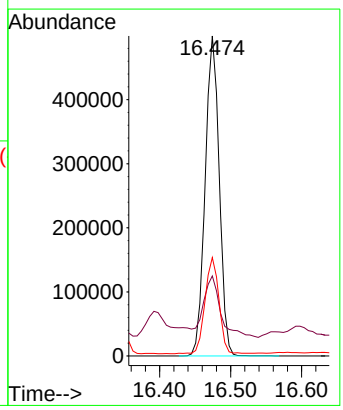


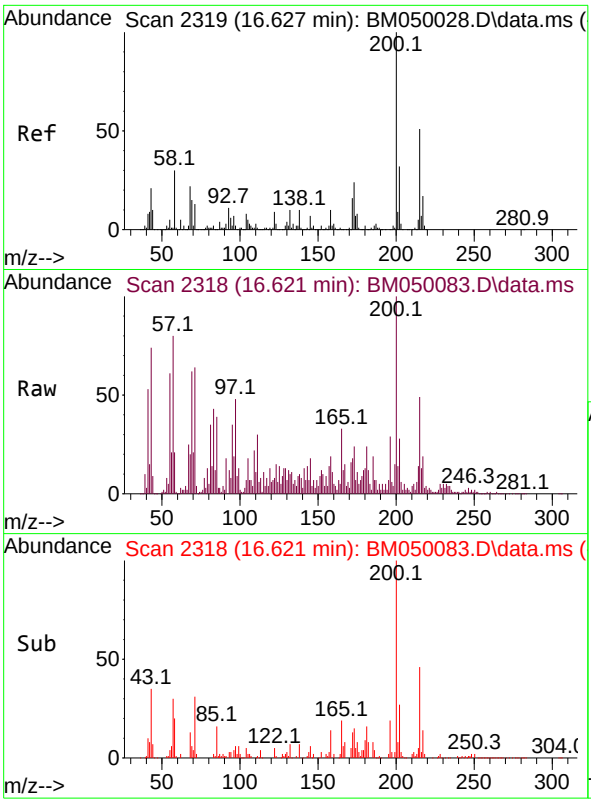


#68
Hexachlorobenzene
Concen: 43.765 ng
RT: 16.474 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:284 Resp: 689674

Ion	Ratio	Lower	Upper
284	100		
142	25.0	23.9	35.9
249	30.8	24.5	36.7

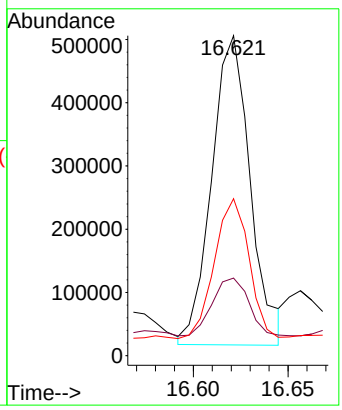




#69
Atrazine
Concen: 55.373 ng
RT: 16.621 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:200 Resp: 69338

Ion	Ratio	Lower	Upper
200	100		
173	24.3	4.3	44.3
215	49.0	30.6	70.6



Instrument :
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ClientSampleId :
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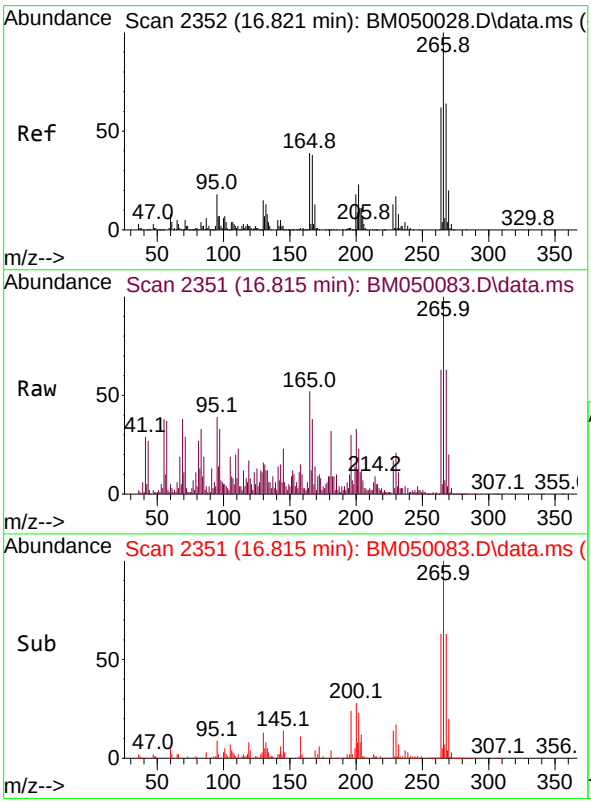
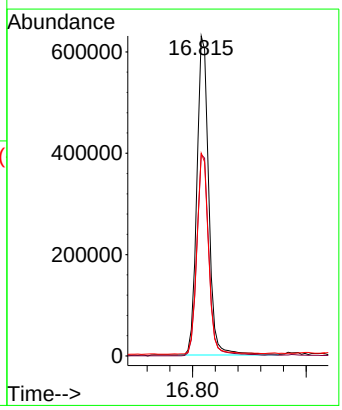
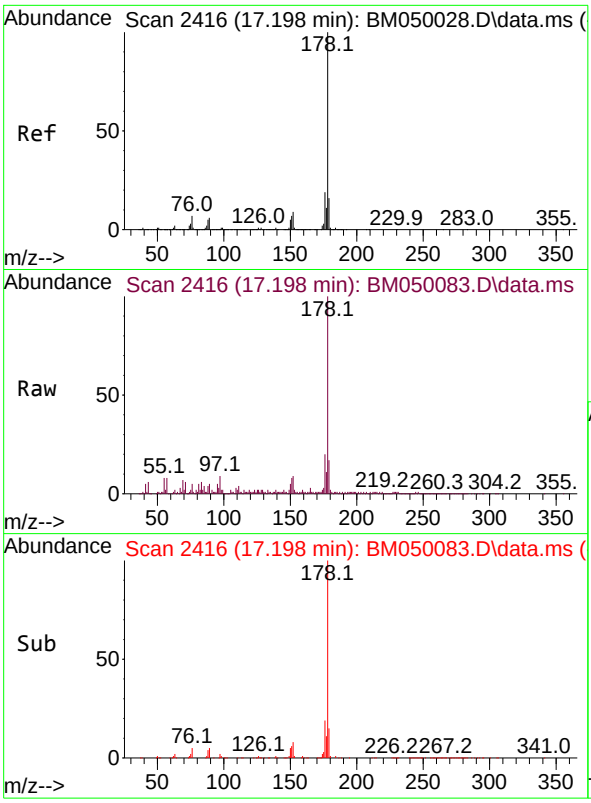


#70
Pentachlorophenol
Concen: 102.998 ng
RT: 16.815 min Scan# 2351
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:266 Resp: 913630

Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.2	76.8
264	63.3	49.6	74.4

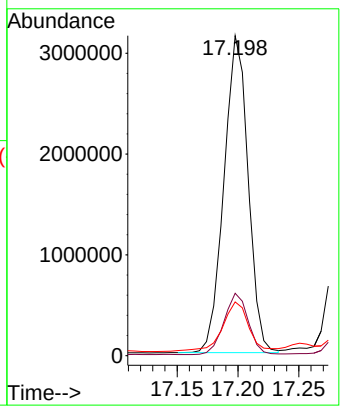




#71
Phenanthrene
Concen: 67.962 ng
RT: 17.198 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:178 Resp: 433401

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	16.8	12.4	18.6



Instrument :
BNA_M
ClientSampleId :
SS-8MS

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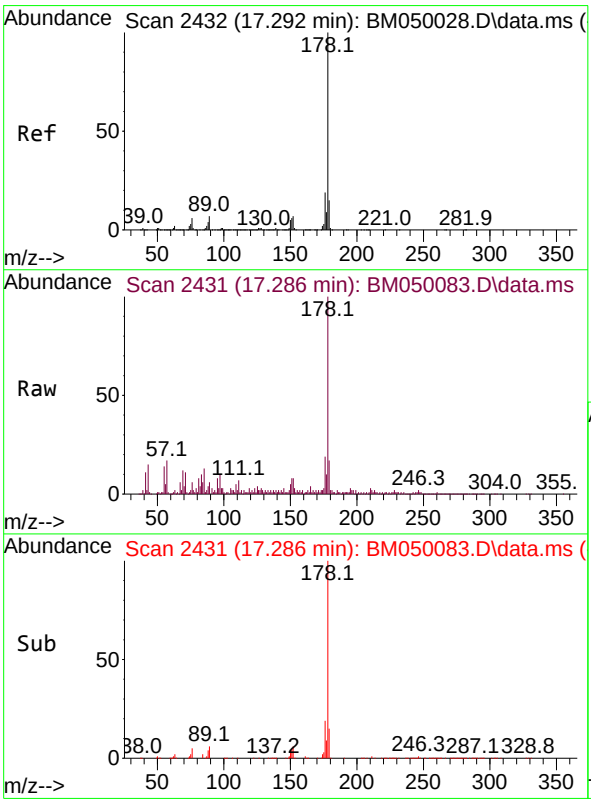
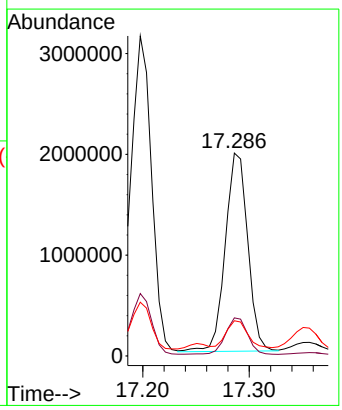
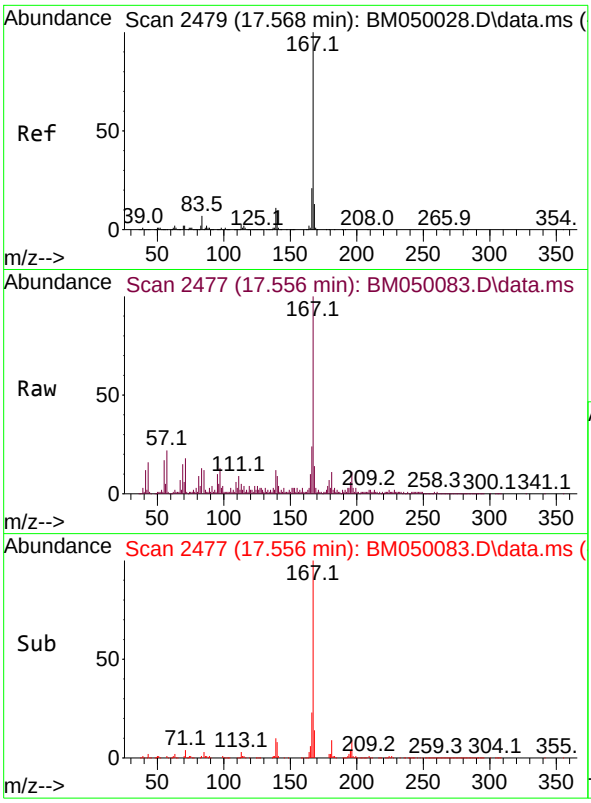


#72
Anthracene
Concen: 44.624 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:178 Resp: 2879459

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	17.3	12.2	18.4

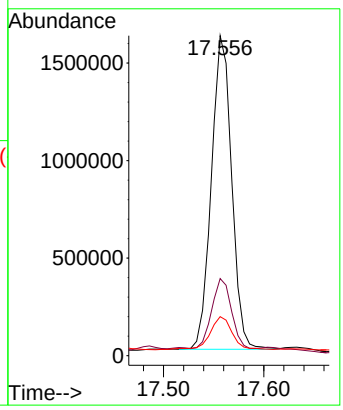




#73
Carbazole
Concen: 40.442 ng
RT: 17.556 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:167 Resp: 226444

Ion	Ratio	Lower	Upper
167	100		
166	24.1	17.2	25.8
139	12.2	9.0	13.6



Instrument :
BNA_M
ClientSampleId :
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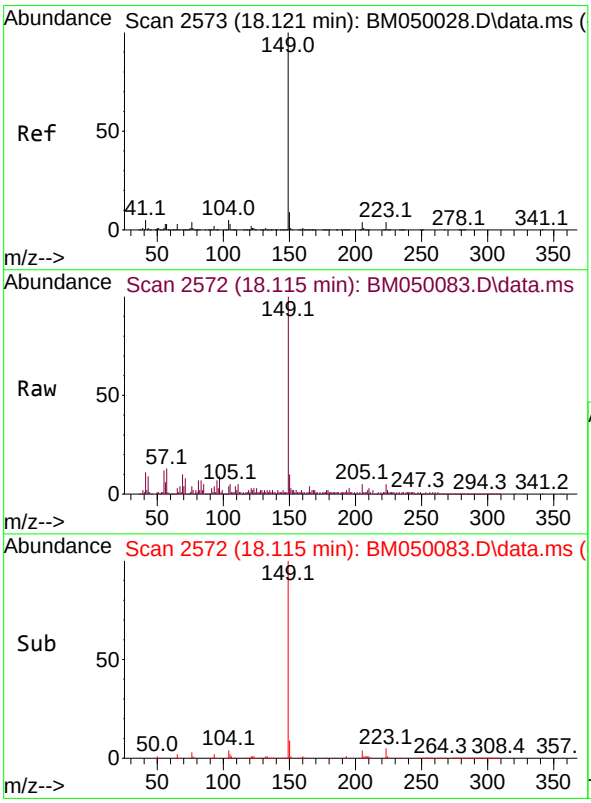
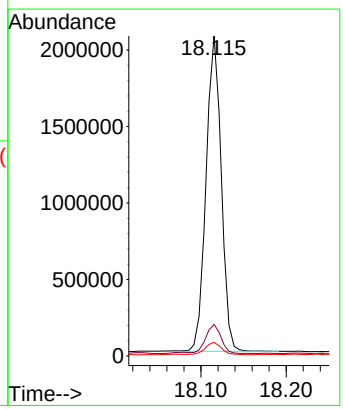
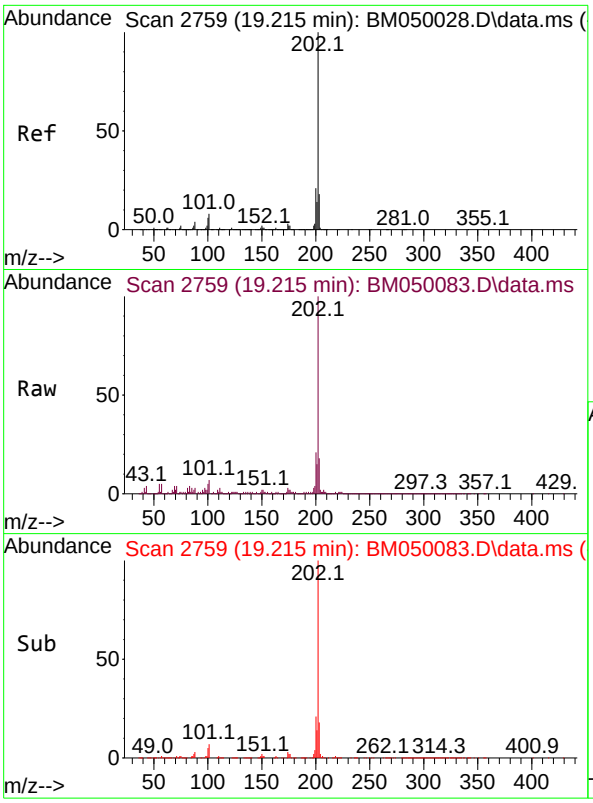


#74
Di-n-butylphthalate
Concen: 38.377 ng
RT: 18.115 min Scan# 2572
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:149 Resp: 2559012

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.3	10.9
104	4.2	3.8	5.6

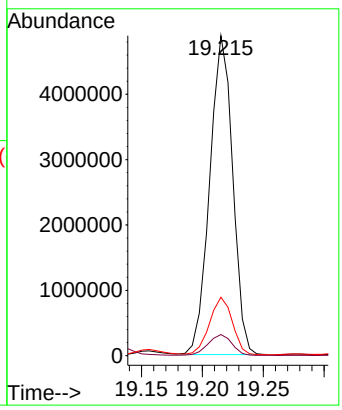




#75
Fluoranthene
Concen: 85.603 ng
RT: 19.215 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:202 Resp: 640826

Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	28.0
203	18.3	0.0	37.7



Instrument :
BNA_M
ClientSampleId :
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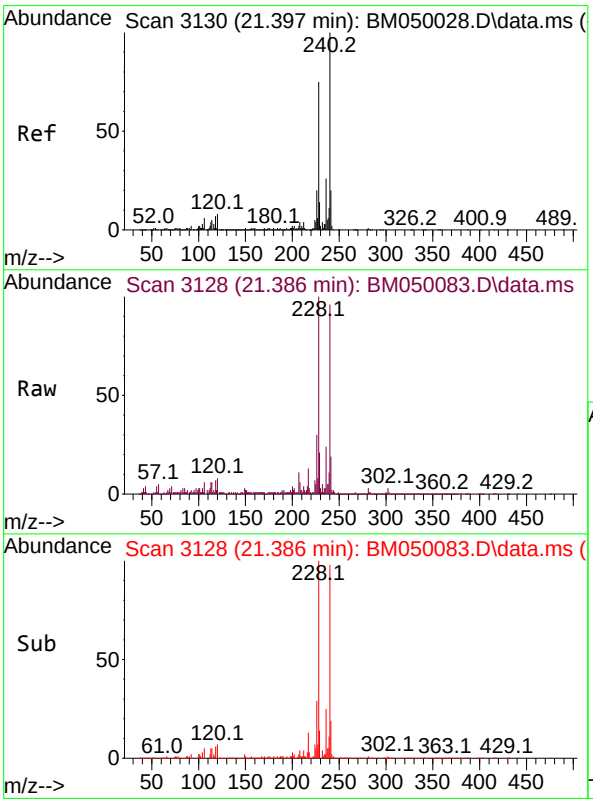
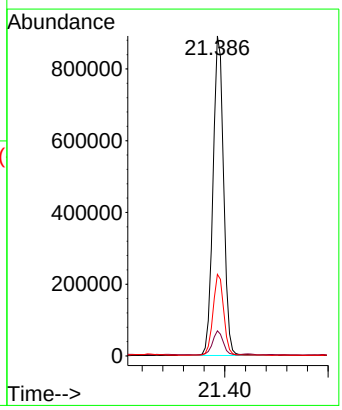
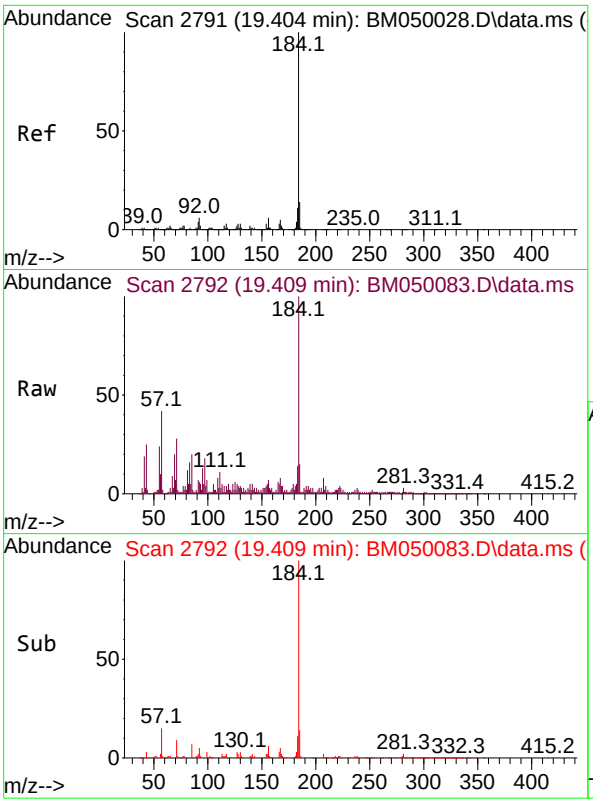


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:240 Resp: 1268702

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.5	9.7
236	25.5	20.9	31.3

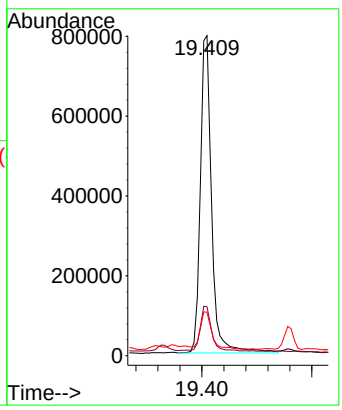




#77
Benzidine
Concen: 25.214 ng
RT: 19.409 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:184 Resp: 113626

Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.5	17.3
183	13.6	8.9	13.3#



Instrument :
BNA_M
ClientSampleId :
SS-8MS

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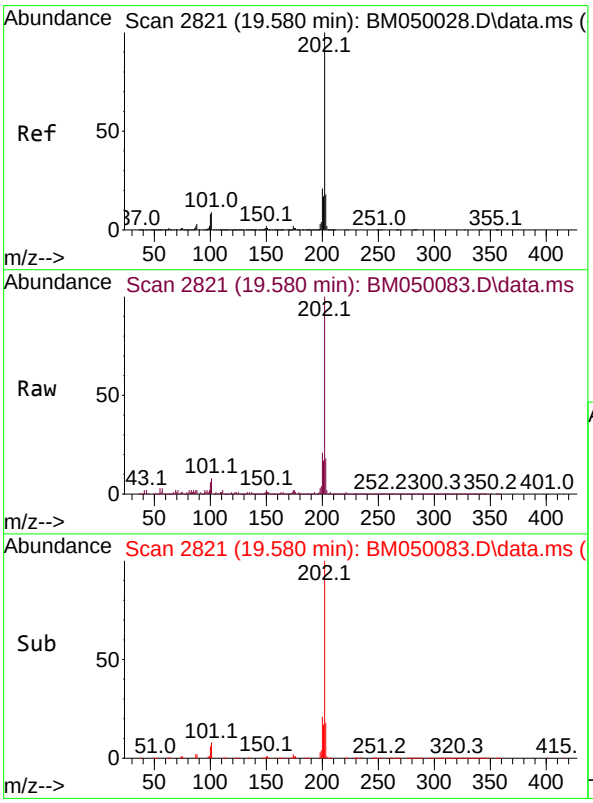
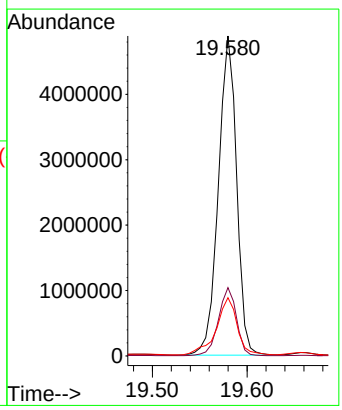
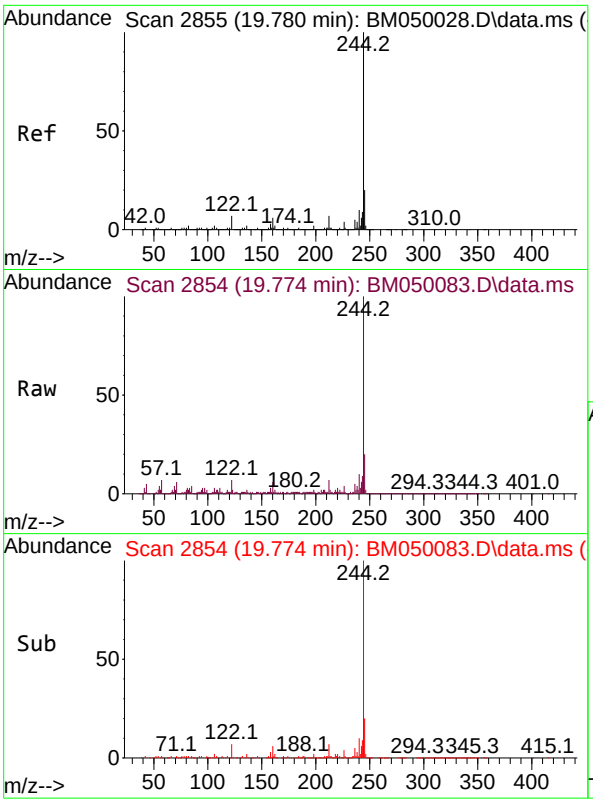


#78
Pyrene
Concen: 73.437 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:202 Resp: 6542677

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	18.2	14.1	21.1





#79
Terphenyl-d14
Concen: 41.406 ng
RT: 19.774 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:244 Resp: 355008

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	7.0	5.6	8.4

Instrument :
BNA_M
ClientSampleId :
SS-8MS

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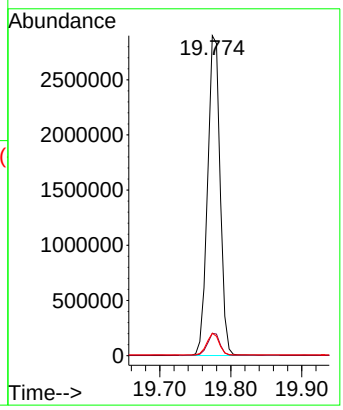
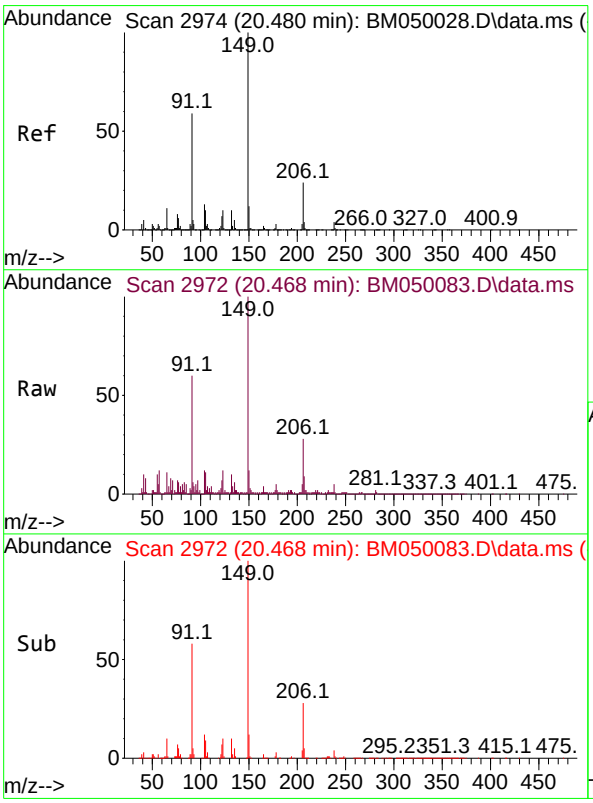
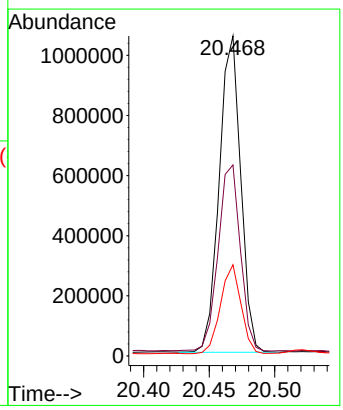


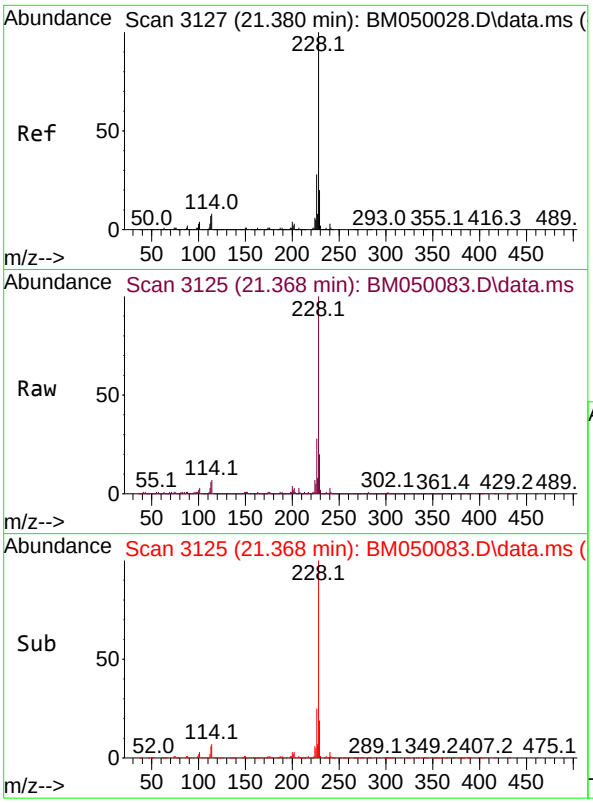


#80
Butylbenzylphthalate
Concen: 35.869 ng
RT: 20.468 min Scan# 2972
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:149 Resp: 1196892

Ion	Ratio	Lower	Upper
149	100		
91	59.7	47.4	71.2
206	28.5	19.4	29.0

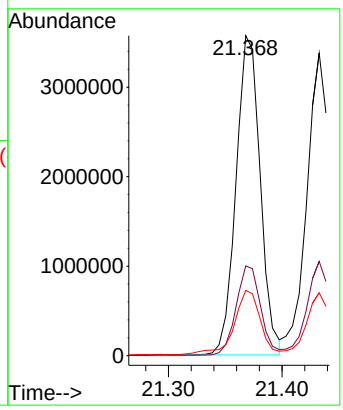




#81
Benzo(a)anthracene
Concen: 60.444 ng
RT: 21.368 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:228 Resp: 528077

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.1	33.1
229	20.4	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
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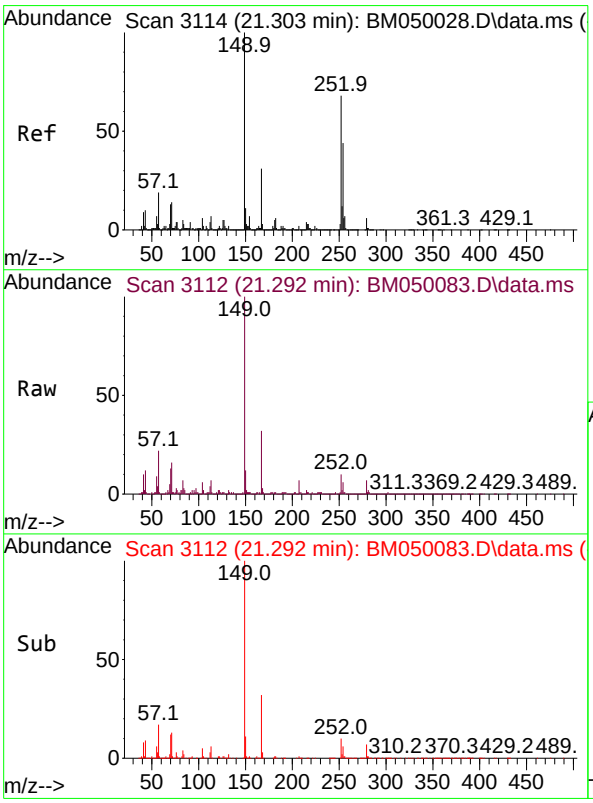
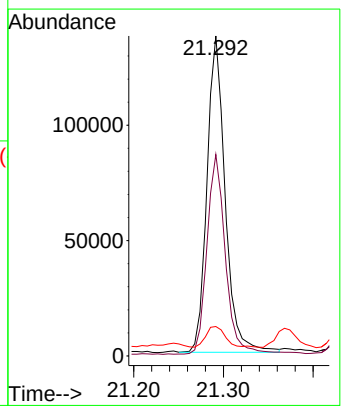
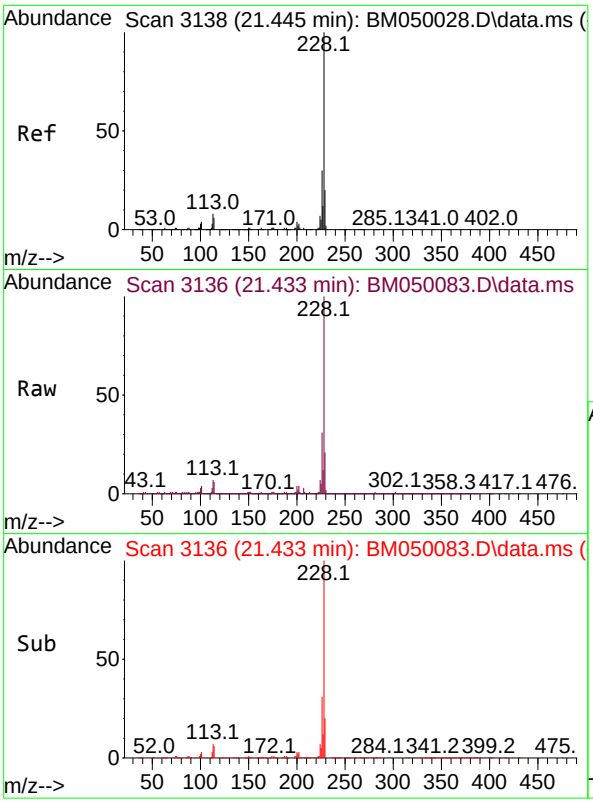


#82
3,3'-Dichlorobenzidine
Concen: 5.763 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:252 Resp: 192725

Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.8	77.6
126	9.2	6.0	9.0#

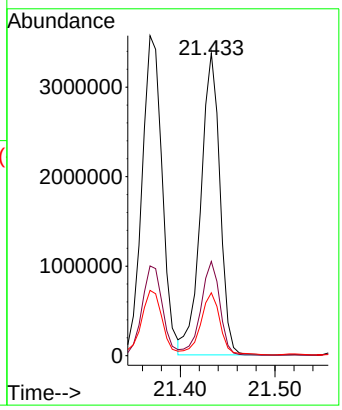




#83
Chrysene
Concen: 58.535 ng
RT: 21.433 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:228 Resp: 473313

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.2	36.2
229	20.8	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
SS-8MS

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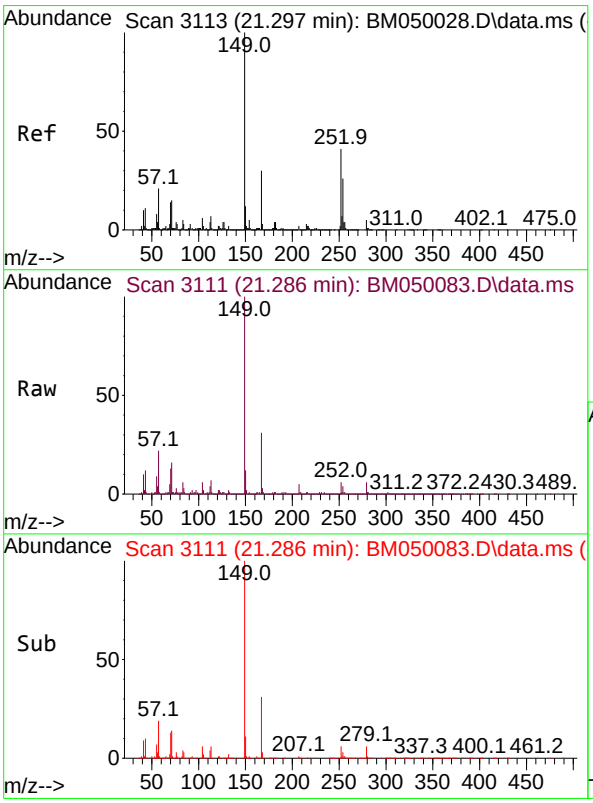
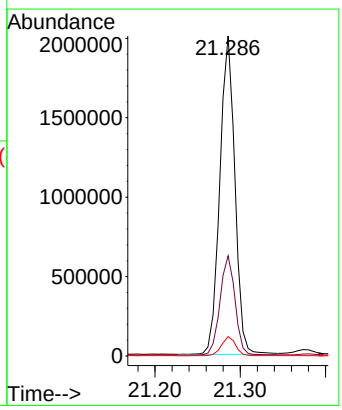
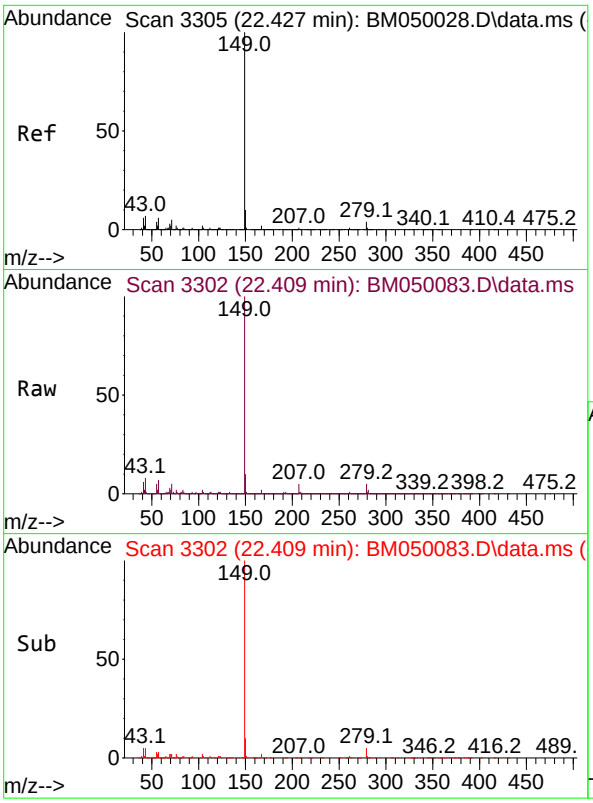


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.622 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:149 Resp: 2473210

Ion	Ratio	Lower	Upper
149	100		
167	31.3	24.1	36.1
279	6.0	3.9	5.9#

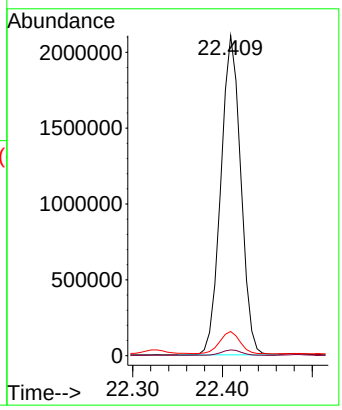




#85
Di-n-octyl phthalate
Concen: 39.567 ng
RT: 22.409 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:149 Resp: 325219

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.1	5.8	8.8



Instrument :
BNA_M
ClientSampleId :
SS-8MS

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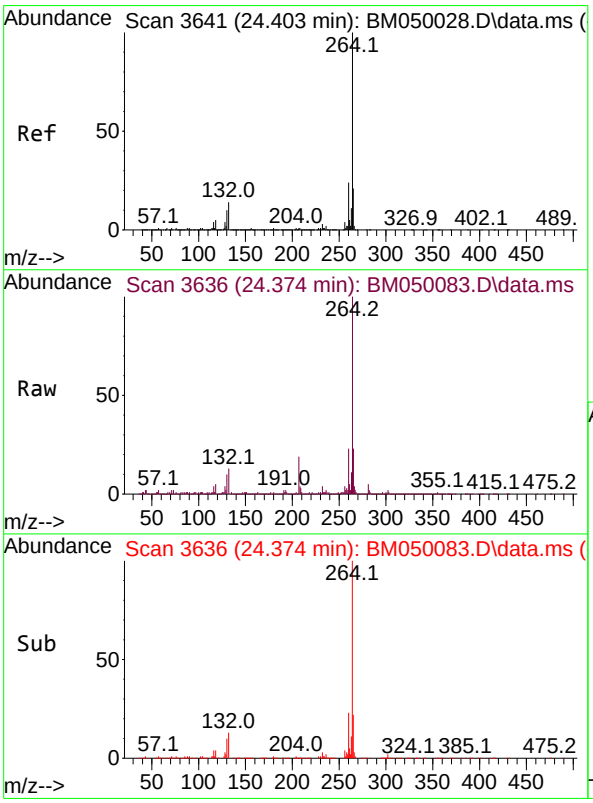
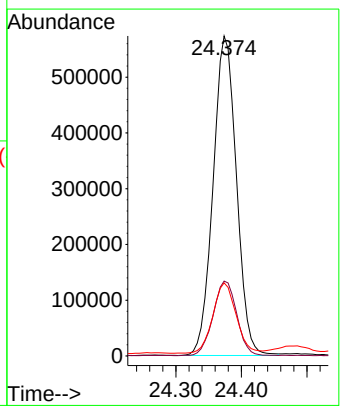
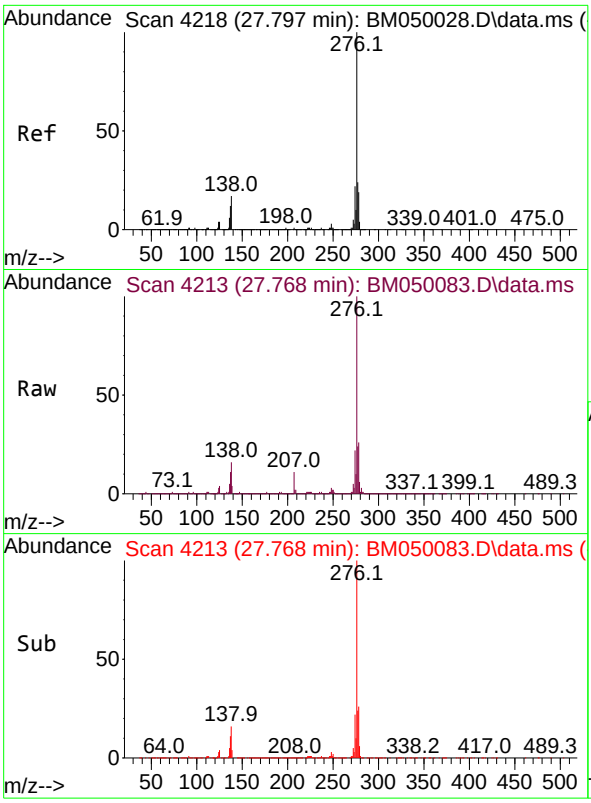


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.029 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:264 Resp: 1417444

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	22.9	17.0	25.4

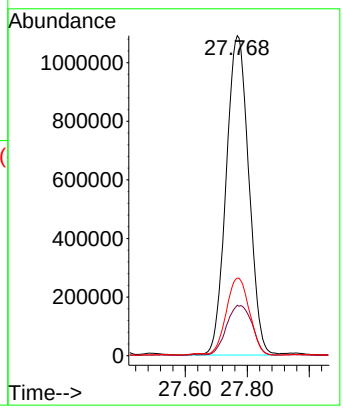




#87
Indeno(1,2,3-cd)pyrene
Concen: 52.347 ng
RT: 27.768 min Scan# 4
Delta R.T. -0.029 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:276 Resp: 552876

Ion	Ratio	Lower	Upper
276	100		
138	17.6	16.4	24.6
277	24.7	19.8	29.8



Instrument :
BNA_M
ClientSampleId :
SS-8MS

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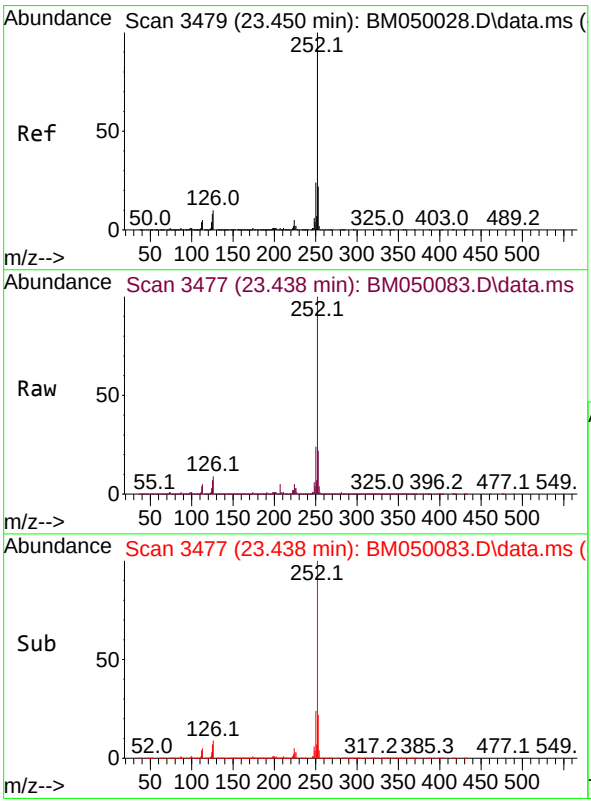
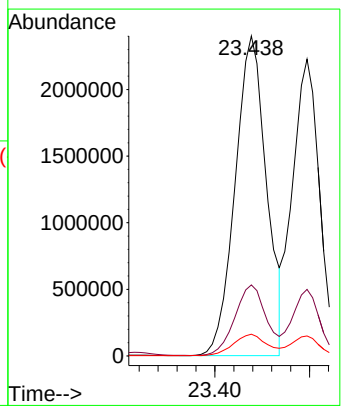
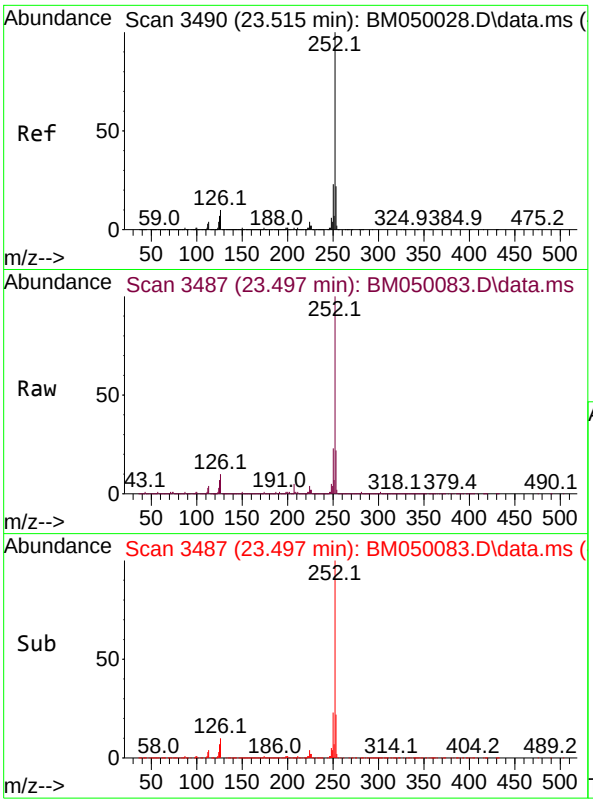


#88
Benzo(b)fluoranthene
Concen: 59.847 ng
RT: 23.438 min Scan# 3477
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:252 Resp: 5516734

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	6.8	6.1	9.1





#89
Benzo(k)fluoranthene
Concen: 47.305 ng
RT: 23.497 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:252 Resp: 441084

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	6.7	5.8	8.8

Instrument :
BNA_M
ClientSampleId :
SS-8MS

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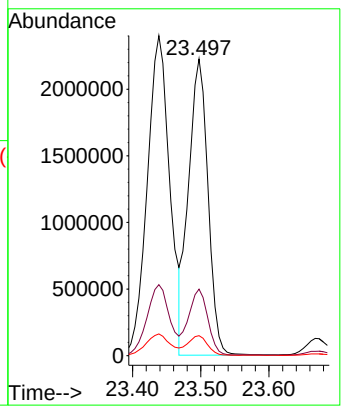
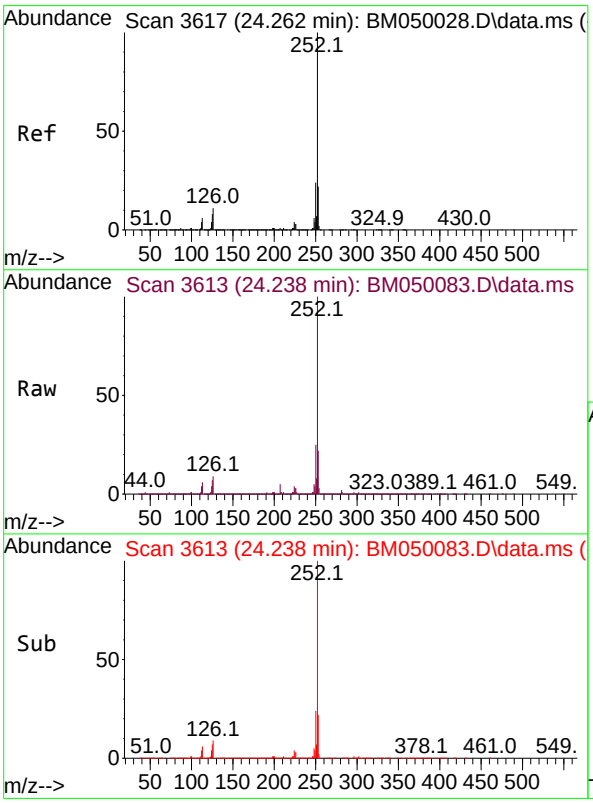
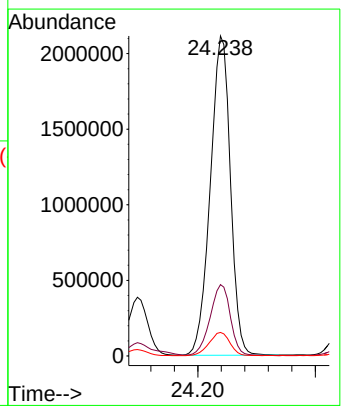


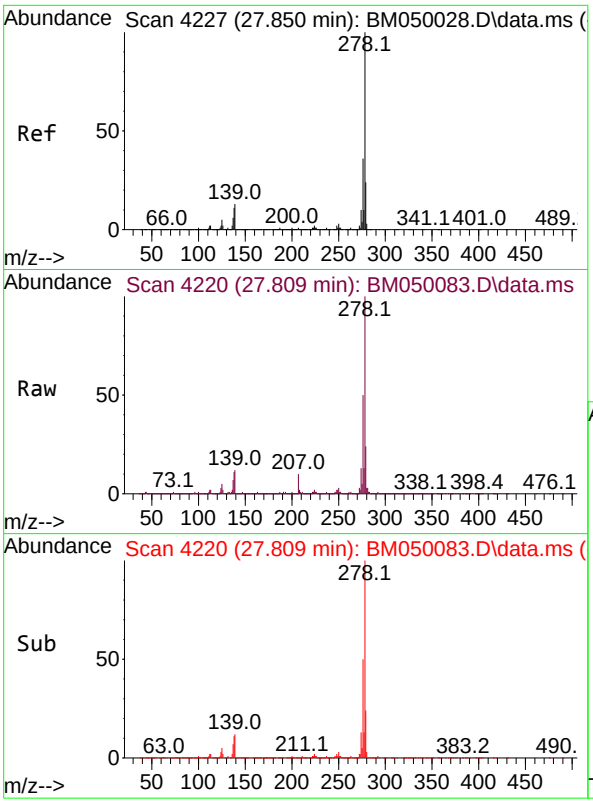


#90
Benzo(a)pyrene
Concen: 58.076 ng
RT: 24.238 min Scan# 3613
Delta R.T. -0.024 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:252 Resp: 5014125

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	7.3	6.6	9.8

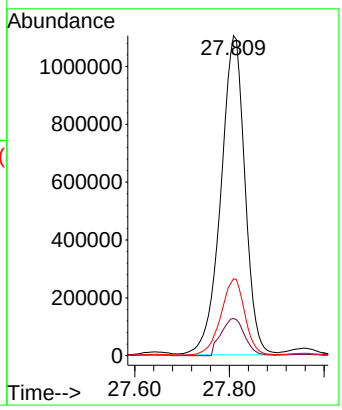




#91
Dibenzo(a,h)anthracene
Concen: 45.335 ng
RT: 27.809 min Scan# 4
Delta R.T. -0.041 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:278 Resp: 390312

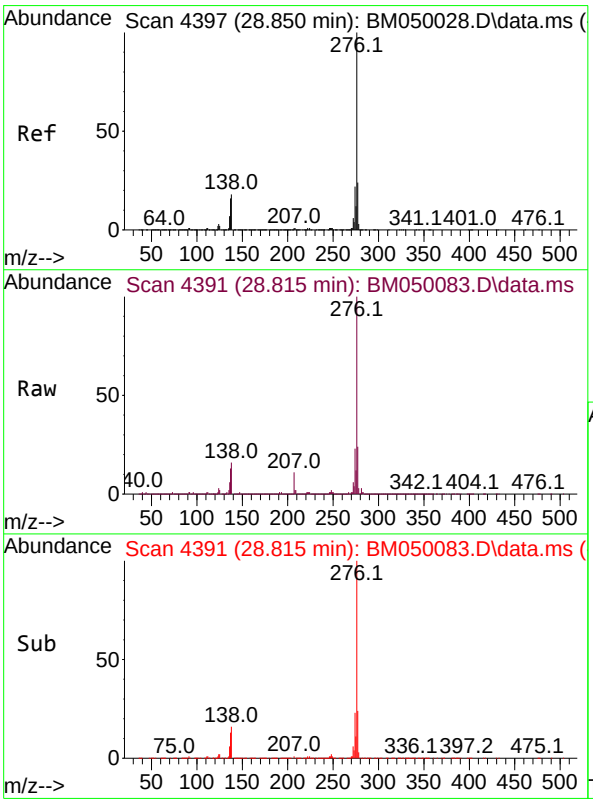
Ion	Ratio	Lower	Upper
278	100		
139	11.6	10.5	15.7
279	24.0	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
SS-8MS

Manual Integrations
APPROVED

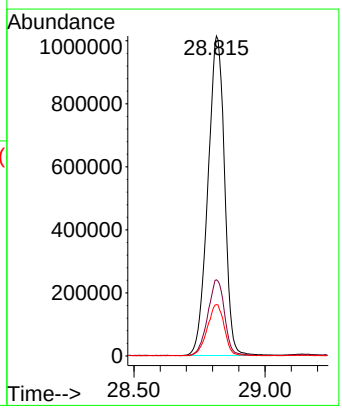
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#92
Benzo(g,h,i)perylene
Concen: 54.211 ng
RT: 28.815 min Scan# 4391
Delta R.T. -0.035 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:276 Resp: 4468322

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	16.0	14.3	21.5



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-8MSD	SDG No.:	Q1914
Lab Sample ID:	Q1914-11MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	92.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050084.D	1	04/30/25 11:00	05/02/25 14:00	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	3300	E	24.5	180	ug/Kg
208-96-8	Acenaphthylene	1400		31.2	180	ug/Kg
83-32-9	Acenaphthene	1500		23.0	180	ug/Kg
86-73-7	Fluorene	1700		27.3	180	ug/Kg
85-01-8	Phenanthrene	2500		22.6	180	ug/Kg
120-12-7	Anthracene	1700		36.0	180	ug/Kg
206-44-0	Fluoranthene	3100	E	32.4	180	ug/Kg
129-00-0	Pyrene	2700		38.9	180	ug/Kg
56-55-3	Benzo(a)anthracene	2300		24.9	180	ug/Kg
218-01-9	Chrysene	2200		21.5	180	ug/Kg
205-99-2	Benzo(b)fluoranthene	2200		20.5	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		24.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	2100		31.9	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		31.5	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		29.6	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2000		27.8	180	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	94.8		18 - 107	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	48.5		20 - 109	48%	SPK: 100
1718-51-0	Terphenyl-d14	43.2		10 - 105	43%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	319000	7.751			
1146-65-2	Naphthalene-d8	669000	10.557			
15067-26-2	Acenaphthene-d10	587000	14.41			
1517-22-2	Phenanthrene-d10	1130000	17.157			
1719-03-5	Chrysene-d12	1240000	21.386			
1520-96-3	Perylene-d12	1410000	24.374			

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Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-8MSD	SDG No.:	Q1914
Lab Sample ID:	Q1914-11MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	92.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050084.D	1	04/30/25 11:00	05/02/25 14:00	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050084.D
Acq On : 02 May 2025 14:00
Operator : RC/JU
Sample : Q1914-11MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 02 14:57:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SS-8MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.751	152	318543	20.000	ng		-0.02
21) Naphthalene-d8	10.557	136	669041	20.000	ng		# 0.00
39) Acenaphthene-d10	14.410	164	587094	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	1125283	20.000	ng		# 0.00
76) Chrysene-d12	21.386	240	1238341	20.000	ng		-0.01
86) Perylene-d12	24.374	264	1405067	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	1646268	90.498	ng		-0.01
7) Phenol-d6	6.940	99	1813827	79.331	ng		-0.01
23) Nitrobenzene-d5	8.910	82	1287153	94.802	ng		-0.02
42) 2,4,6-Tribromophenol	15.904	330	768854	88.568	ng		0.00
45) 2-Fluorobiphenyl	13.022	172	2406843	48.497	ng		-0.01
79) Terphenyl-d14	19.774	244	3619052	43.245	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	329299	42.219	ng		98
3) Pyridine	3.634	79	901669	44.992	ng		98
4) n-Nitrosodimethylamine	3.546	42	375268	47.744	ng		99
6) Aniline	7.081	93	279843	9.693	ng	#	95
8) 2-Chlorophenol	7.322	128	825339	41.962	ng		99
9) Benzaldehyde	6.898	77	609713	39.849	ng	#	1
10) Phenol	6.963	94	946993	40.913	ng		97
11) bis(2-Chloroethyl)ether	7.175	93	786851	40.711	ng		99
12) 1,3-Dichlorobenzene	7.640	146	962363	40.505	ng		98
13) 1,4-Dichlorobenzene	7.787	146	963935	40.384	ng		98
14) 1,2-Dichlorobenzene	8.104	146	911169	39.519	ng		97
15) Benzyl Alcohol	7.998	79	639241	40.315	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	742064	31.585	ng		69
17) 2-Methylphenol	8.210	107	596238	39.102	ng		99
18) Hexachloroethane	8.863	117	1227734	144.695	ng	#	1
19) n-Nitroso-di-n-propyla...	8.563	70	461477	31.470	ng		96
20) 3+4-Methylphenols	8.540	107	758552	36.837	ng		93
22) Acetophenone	8.557	105	2902132	174.475	ng	#	61
24) Nitrobenzene	8.957	77	818217	69.696	ng	#	95
25) Isophorone	9.481	82	1859060	80.326	ng	#	57
26) 2-Nitrophenol	9.663	139	424409	70.764	ng	#	74
27) 2,4-Dimethylphenol	9.739	122	621753	62.512	ng		99
28) bis(2-Chloroethoxy)met...	9.963	93	743439	51.972	ng	#	75
29) 2,4-Dichlorophenol	10.216	162	766341	68.776	ng		98
30) 1,2,4-Trichlorobenzene	10.416	180	873722	64.360	ng		99
31) Naphthalene	10.604	128	3121337	92.123	ng	#	94
32) Benzoic acid	9.916	122	388178	61.023	ng	#	1
33) 4-Chloroaniline	10.722	127	201228	14.490	ng	#	78
34) Hexachlorobutadiene	10.886	225	587920	68.225	ng		99
35) Caprolactam	11.486	113	254600m	78.366	ng		
36) 4-Chloro-3-methylphenol	11.863	107	541640	52.615	ng		99
37) 2-Methylnaphthalene	12.228	142	3716761	163.618	ng		98
38) 1-Methylnaphthalene	12.445	142	2795228	116.274	ng		100
40) 1,2,4,5-Tetrachloroben...	12.604	216	999784	49.193	ng		98
41) Hexachlorocyclopentadiene	12.575	237	1084083	87.284	ng		100
43) 2,4,6-Trichlorophenol	12.845	196	598415	46.423	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050084.D
Acq On : 02 May 2025 14:00
Operator : RC/JU
Sample : Q1914-11MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 02 14:57:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SS-8MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	639623	46.014	ng	#	81
46) 1,1'-Biphenyl	13.233	154	1850245	42.396	ng		98
47) 2-Chloronaphthalene	13.280	162	1346233	38.949	ng		99
48) 2-Nitroaniline	13.486	65	302213	37.254	ng		95
49) Acenaphthylene	14.133	152	2185096	40.096	ng		94
50) Dimethylphthalate	13.863	163	1590725	37.075	ng	#	94
51) 2,6-Dinitrotoluene	13.986	165	386386	43.496	ng		88
52) Acenaphthene	14.474	154	1320681	41.867	ng		98
53) 3-Nitroaniline	14.316	138	152605	17.993	ng	#	83
54) 2,4-Dinitrophenol	14.545	184	385380	68.665	ng	#	91
55) Dibenzofuran	14.810	168	2125064	40.490	ng	#	90
56) 4-Nitrophenol	14.651	139	642317	92.350	ng	#	74
57) 2,4-Dinitrotoluene	14.786	165	504294	41.083	ng	#	81
58) Fluorene	15.463	166	1978779	46.062	ng	#	96
59) 2,3,4,6-Tetrachlorophenol	15.045	232	556346	46.238	ng	#	36
60) Diethylphthalate	15.227	149	1578439	39.043	ng		92
61) 4-Chlorophenyl-phenyle...	15.451	204	964137	40.860	ng		95
62) 4-Nitroaniline	15.480	138	228227	27.892	ng		93
63) Azobenzene	15.745	77	1155833	34.113	ng	#	70
65) 4,6-Dinitro-2-methylph...	15.557	198	254881	36.185	ng	#	47
66) n-Nitrosodiphenylamine	15.668	169	1764120	51.053	ng		87
67) 4-Bromophenyl-phenylether	16.345	248	630089	46.304	ng		97
68) Hexachlorobenzene	16.474	284	715533	45.617	ng		95
69) Atrazine	16.621	200	708947	56.879	ng		98
70) Pentachlorophenol	16.815	266	947009	107.257	ng		99
71) Phenanthrene	17.198	178	4410458	69.492	ng		98
72) Anthracene	17.292	178	2950004	45.930	ng		98
73) Carbazole	17.557	167	2296748	41.209	ng		96
74) Di-n-butylphthalate	18.115	149	2556510	38.518	ng		98
75) Fluoranthene	19.215	202	6478876	86.948	ng		98
77) Benzidine	19.409	184	1253466	28.496	ng		97
78) Pyrene	19.580	202	6575812	75.619	ng		98
80) Butylbenzylphthalate	20.468	149	1210644	37.171	ng		97
81) Benzo(a)anthracene	21.374	228	5342640	62.652	ng		98
82) 3,3'-Dichlorobenzidine	21.292	252	202465	6.202	ng	#	99
83) Chrysene	21.433	228	4779549	60.559	ng		98
84) Bis(2-ethylhexyl)phtha...	21.286	149	2303036	47.340	ng		98
85) Di-n-octyl phthalate	22.409	149	3329520	41.500	ng		99
87) Indeno(1,2,3-cd)pyrene	27.768	276	5638624	53.858	ng		97
88) Benzo(b)fluoranthene	23.439	252	5616233	61.463	ng		99
89) Benzo(k)fluoranthene	23.497	252	4464658	48.303	ng		98
90) Benzo(a)pyrene	24.239	252	5090825	59.484	ng		98
91) Dibenzo(a,h)anthracene	27.809	278	3946360	46.241	ng		99
92) Benzo(g,h,i)perylene	28.826	276	4550609	55.695	ng		98

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

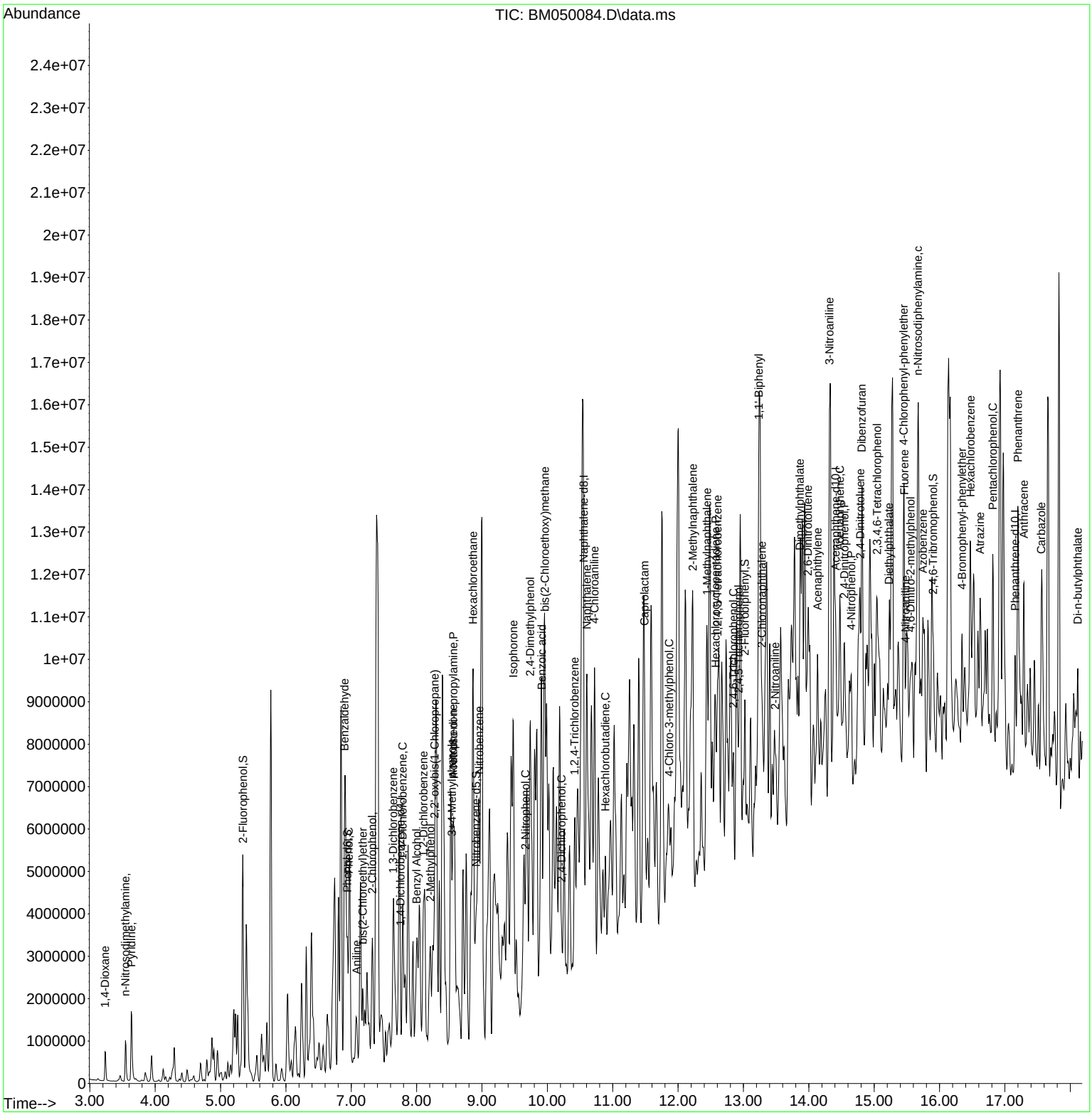
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050084.D
Acq On : 02 May 2025 14:00
Operator : RC/JU
Sample : Q1914-11MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 02 14:57:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SS-8MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050084.D
Acq On : 02 May 2025 14:00
Operator : RC/JU
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Quant Time: May 02 14:57:54 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
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SS-8MSD

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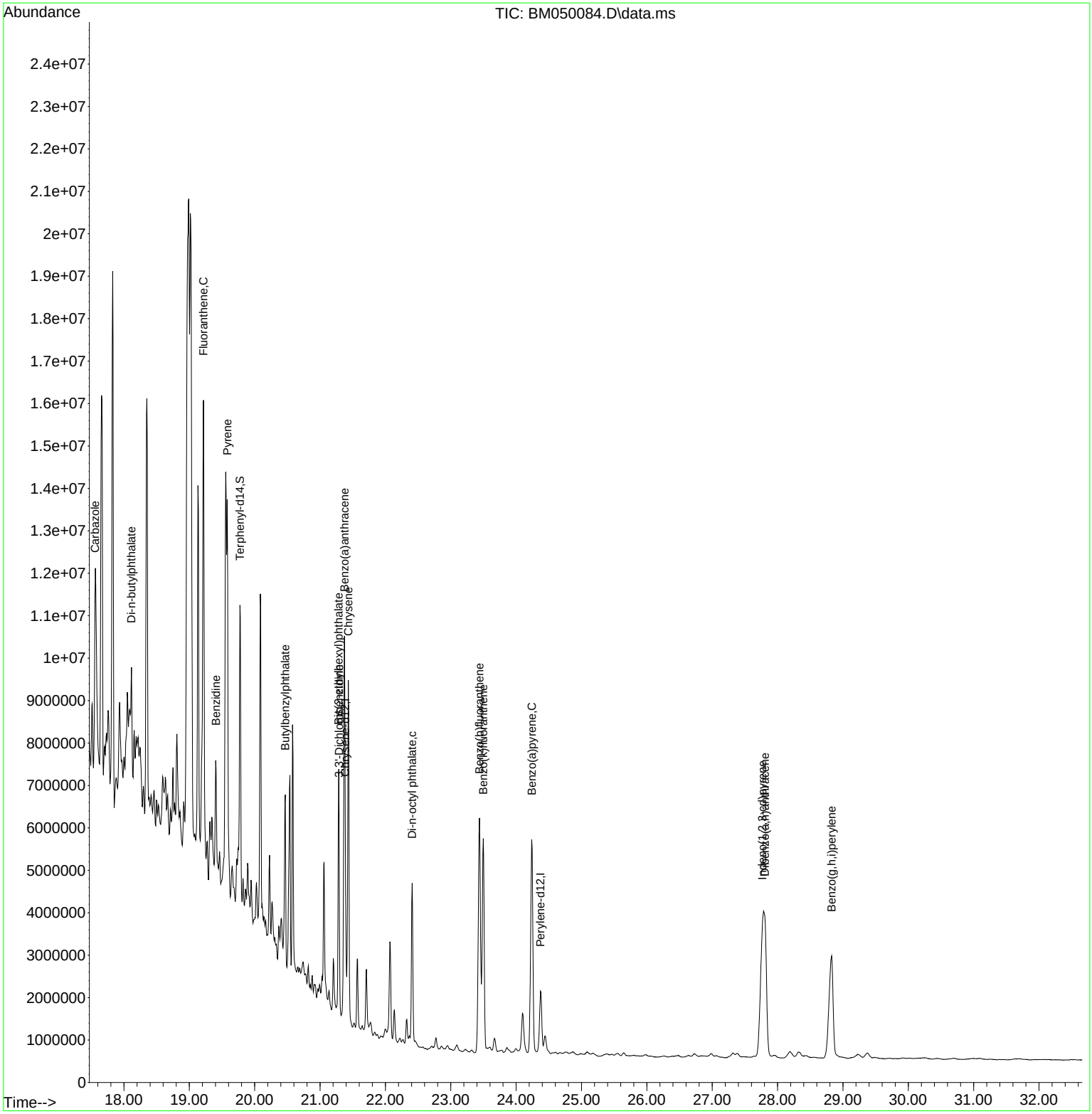
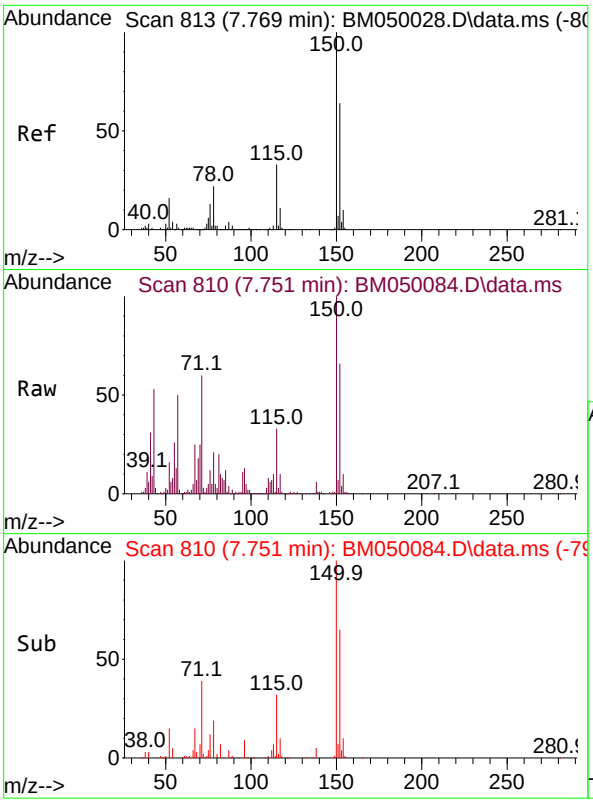
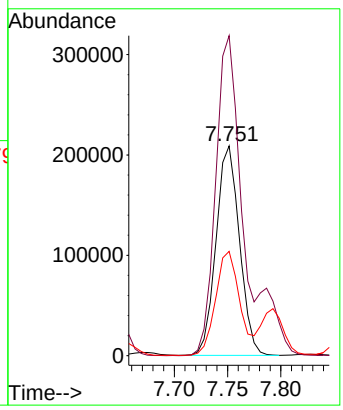




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.751 min Scan# 8
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:152 Resp: 31854

Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.1	186.1
115	49.7	41.2	61.8



Instrument :
BNA_M
ClientSampleId :
SS-8MSD

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/05/2025
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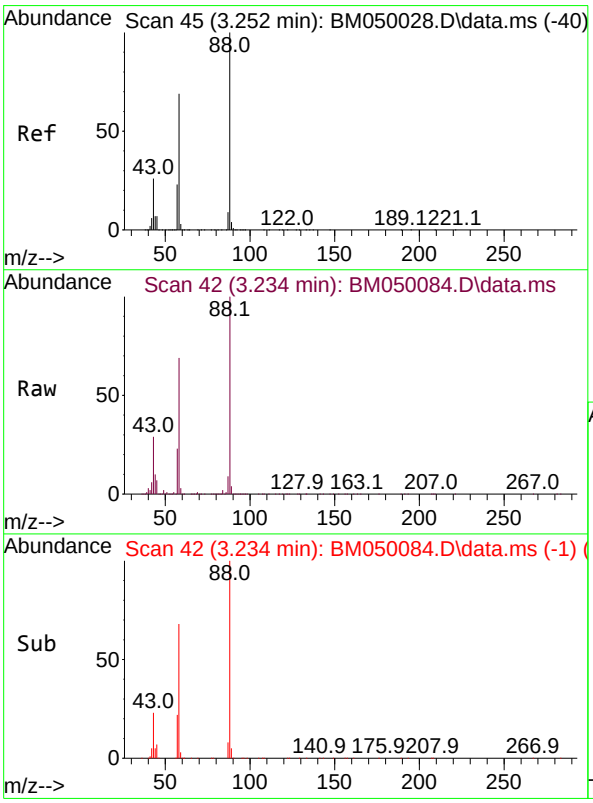
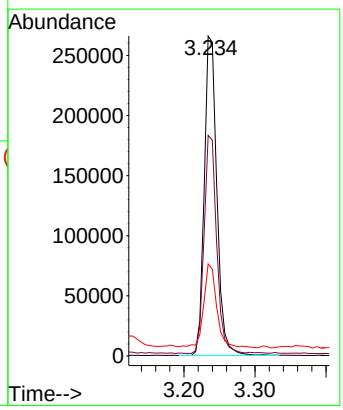
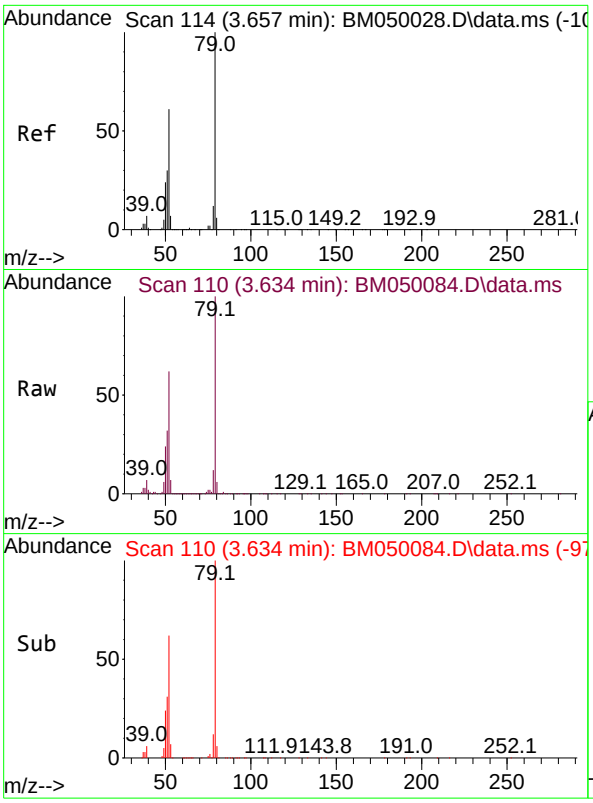


#2
1,4-Dioxane
Concen: 42.219 ng
RT: 3.234 min Scan# 42
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion: 88 Resp: 329299

Ion	Ratio	Lower	Upper
88	100		
58	67.7	55.1	82.7
43	27.2	20.9	31.3

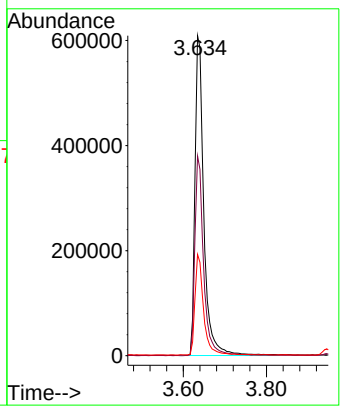




#3
Pyridine
Concen: 44.992 ng
RT: 3.634 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion: 79 Resp: 90166

Ion	Ratio	Lower	Upper
79	100		
52	62.4	48.6	72.8
51	31.6	24.6	37.0



Instrument :
BNA_M
ClientSampleId :
SS-8MSD

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/05/2025
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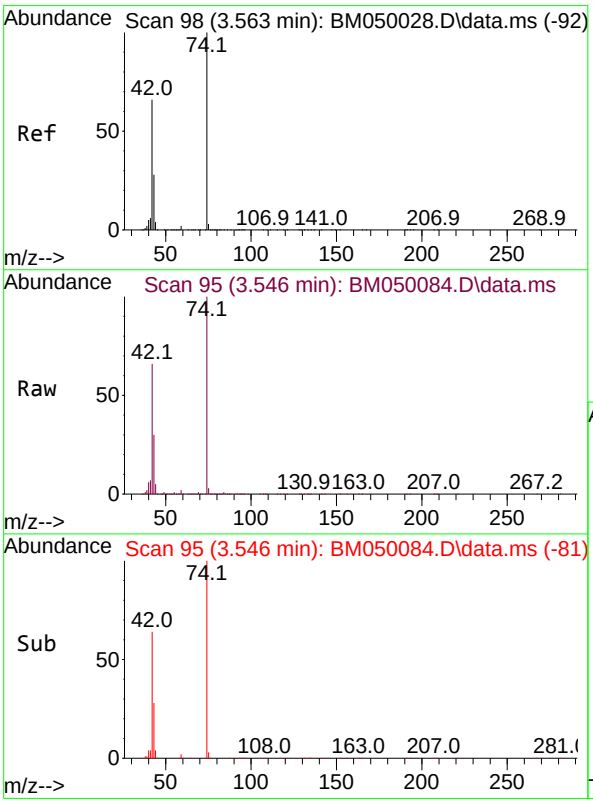
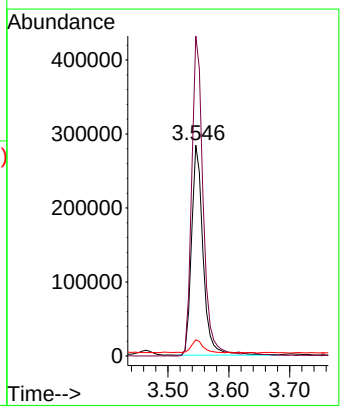
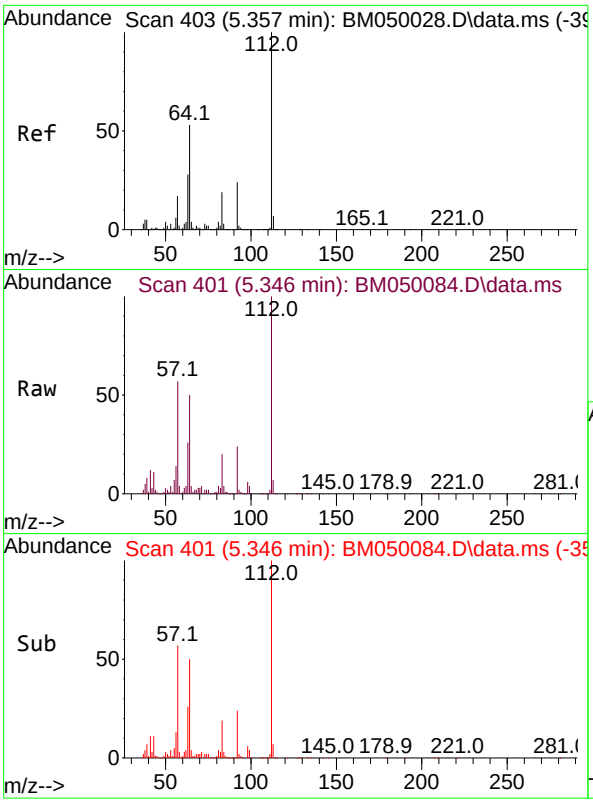


#4
n-Nitrosodimethylamine
Concen: 47.744 ng
RT: 3.546 min Scan# 95
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion: 42 Resp: 375268

Ion	Ratio	Lower	Upper
42	100		
74	151.8	120.2	180.2
44	7.7	6.2	9.2





#5
2-Fluorophenol
Concen: 90.498 ng
RT: 5.346 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:112 Resp: 164626

Ion	Ratio	Lower	Upper
112	100		
64	50.1	42.6	64.0
63	26.1	22.2	33.4

Instrument :
BNA_M
ClientSampleId :
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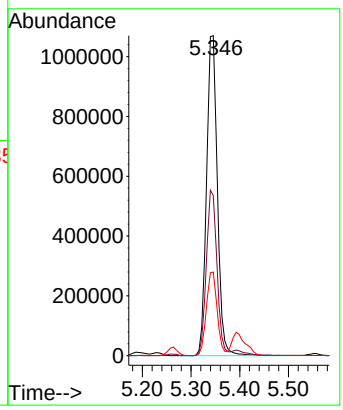
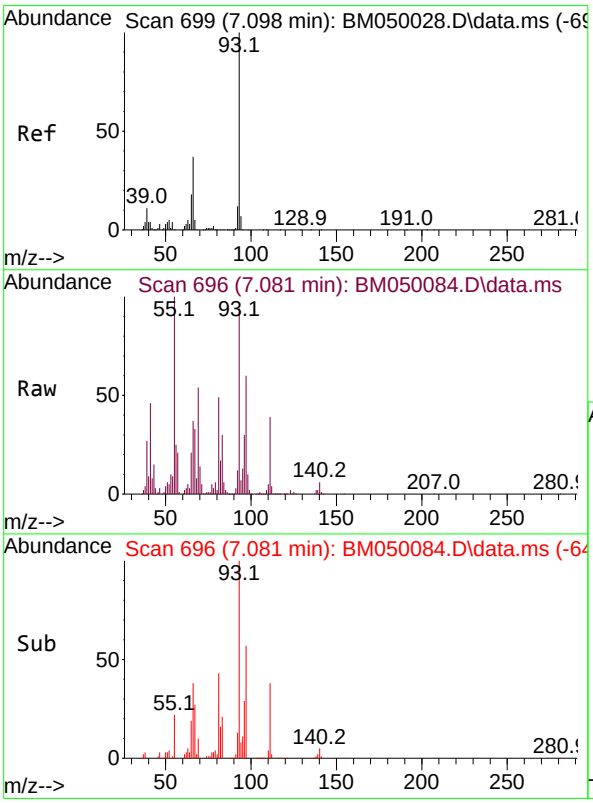
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

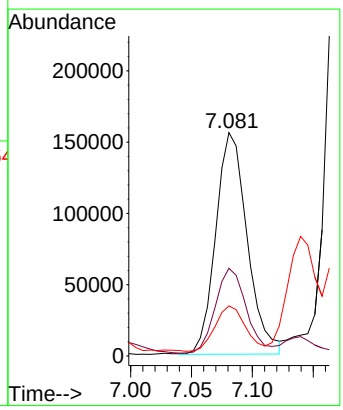


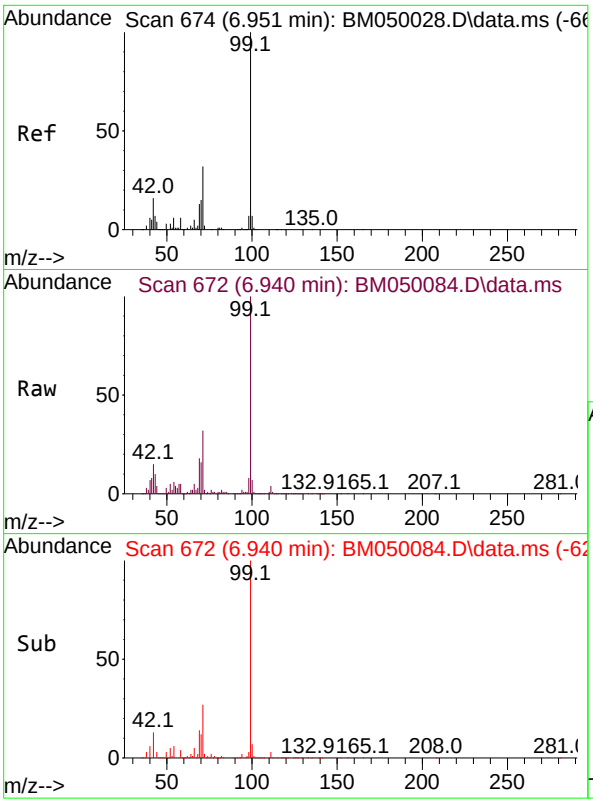


#6
Aniline
Concen: 9.693 ng
RT: 7.081 min Scan# 696
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion: 93 Resp: 279843

Ion	Ratio	Lower	Upper
93	100		
66	39.3	29.9	44.9
65	22.4	14.5	21.7#

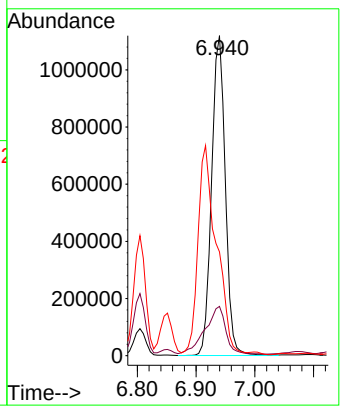




#7
Phenol-d6
Concen: 79.331 ng
RT: 6.940 min Scan# 6
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion: 99 Resp: 181382

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.0	19.4
71	32.4	25.6	38.4



Instrument :
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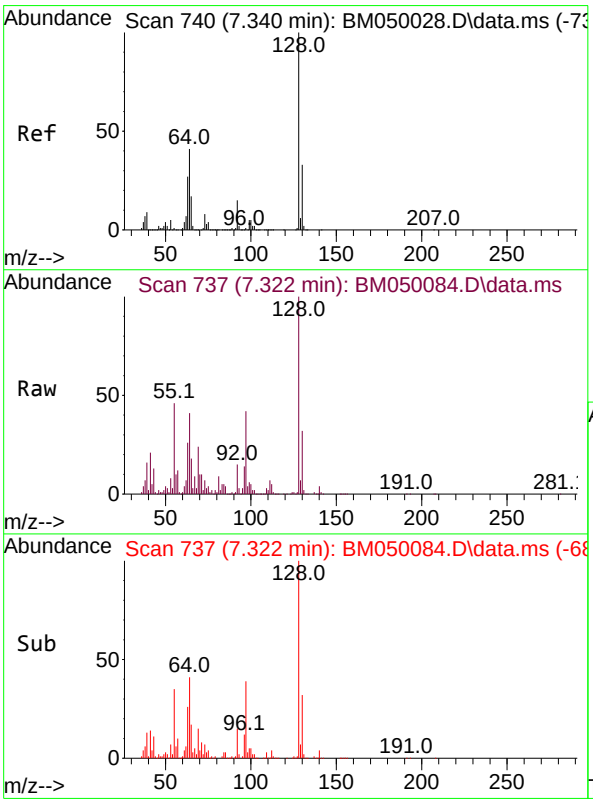
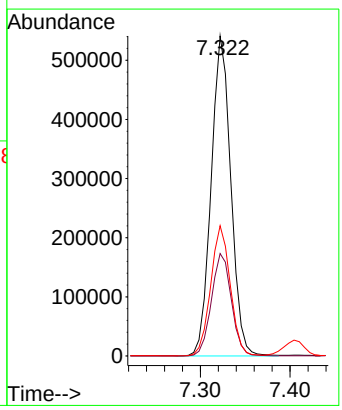
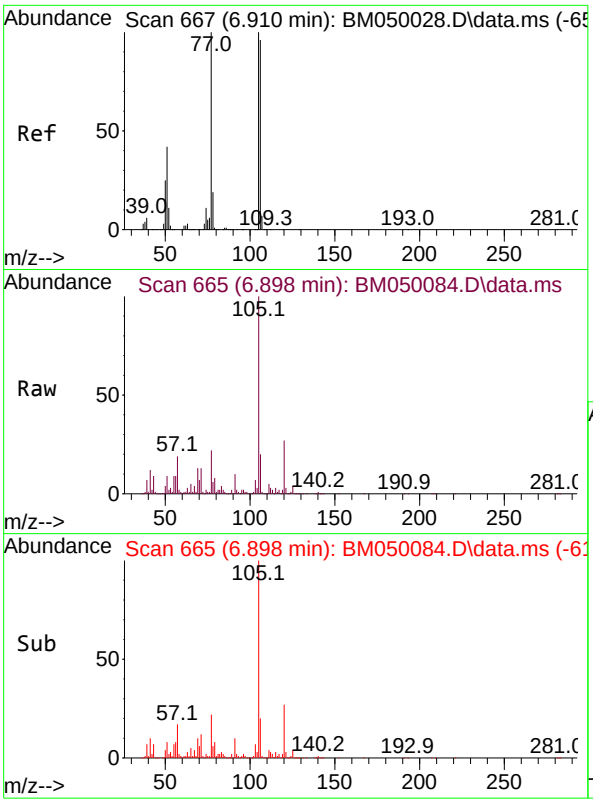


#8
2-Chlorophenol
Concen: 41.962 ng
RT: 7.322 min Scan# 737
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:128 Resp: 825339

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.8	52.8
64	40.7	21.2	61.2

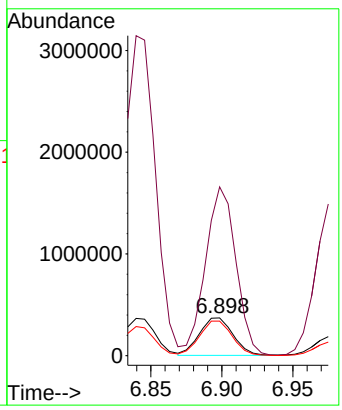




#9
Benzaldehyde
Concen: 39.849 ng
RT: 6.898 min Scan# 6(
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion: 77 Resp: 60971

Ion	Ratio	Lower	Upper
77	100		
105	447.5	80.5	120.5#
106	91.6	76.1	116.1



Instrument :
BNA_M
ClientSampleId :
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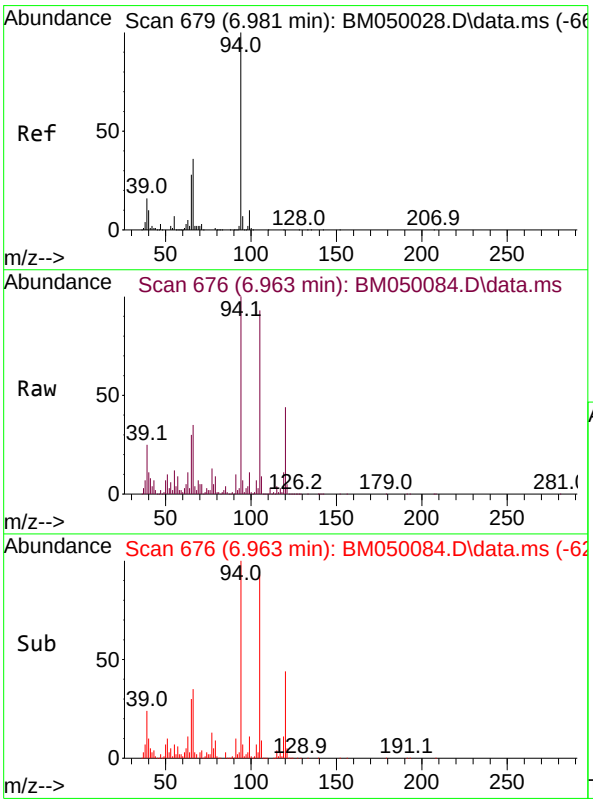
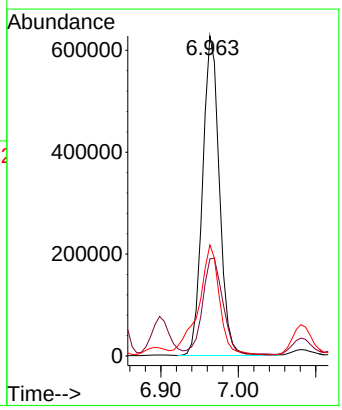
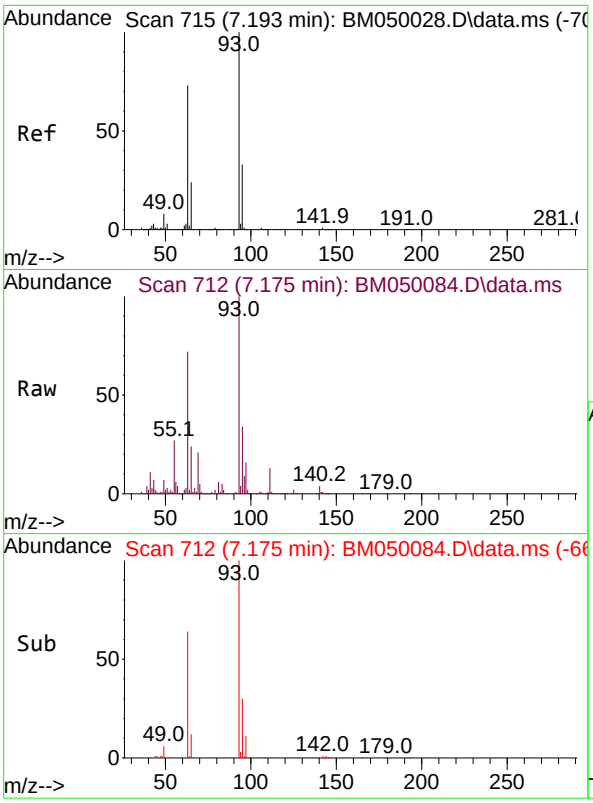


#10
Phenol
Concen: 40.913 ng
RT: 6.963 min Scan# 676
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion: 94 Resp: 946993

Ion	Ratio	Lower	Upper
94	100		
65	30.3	7.6	47.6
66	34.7	15.8	55.8

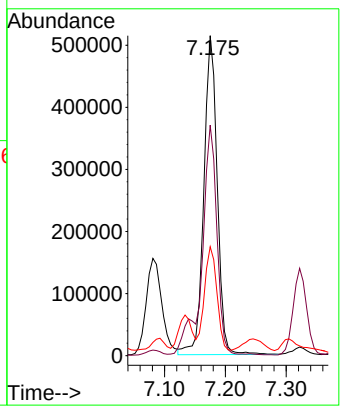




#11
bis(2-Chloroethyl)ether
Concen: 40.711 ng
RT: 7.175 min Scan# 7
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion: 93 Resp: 78685

Ion	Ratio	Lower	Upper
93	100		
63	72.1	52.3	92.3
95	34.0	12.8	52.8



Instrument :
BNA_M
ClientSampleId :
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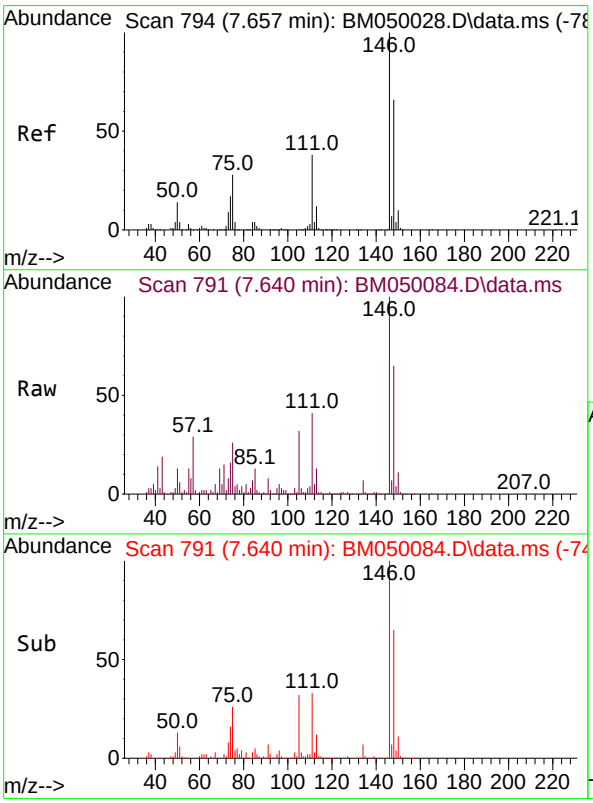
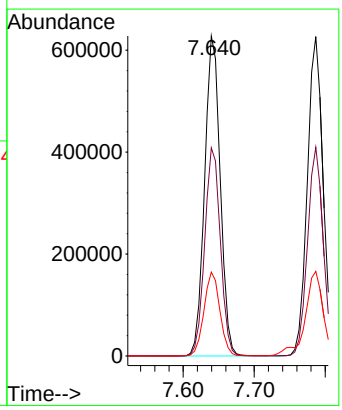
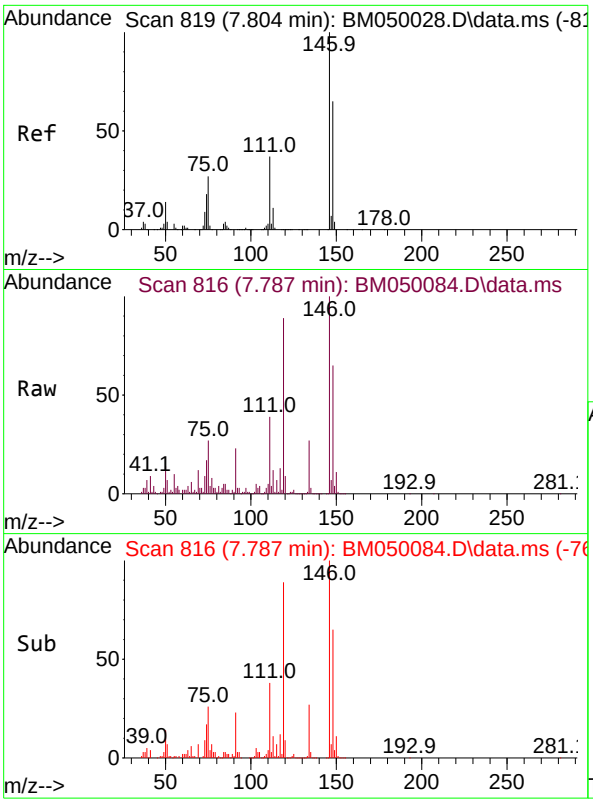


#12
1,3-Dichlorobenzene
Concen: 40.505 ng
RT: 7.640 min Scan# 791
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:146 Resp: 962363

Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.5	78.7
75	26.2	22.6	34.0

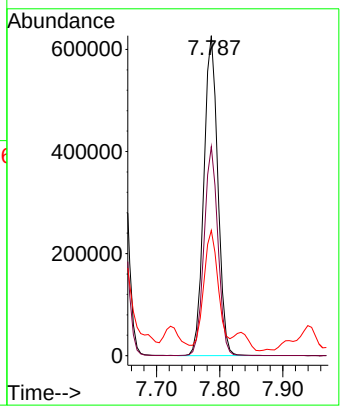




#13
1,4-Dichlorobenzene
Concen: 40.384 ng
RT: 7.787 min Scan# 8
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:146 Resp: 96393

Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.2	78.2
111	39.2	29.3	43.9



Instrument :
BNA_M
ClientSampleId :
SS-8MSD

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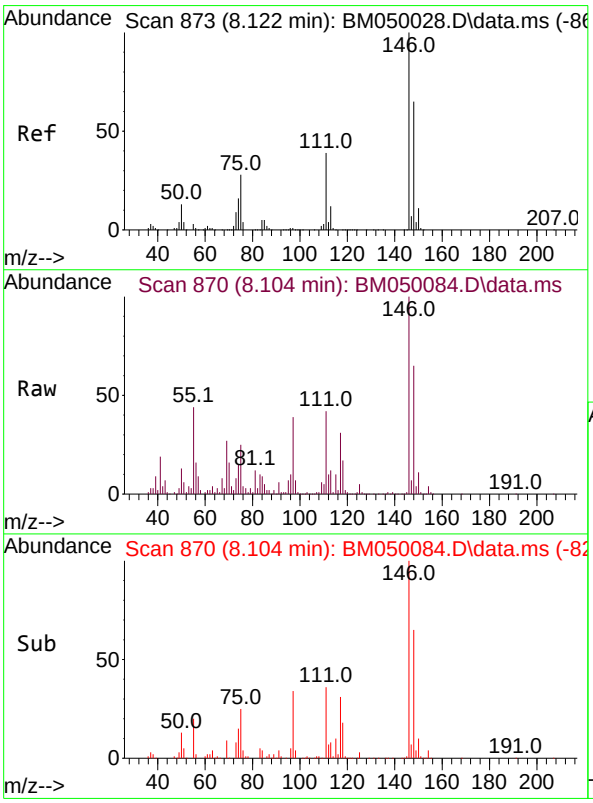
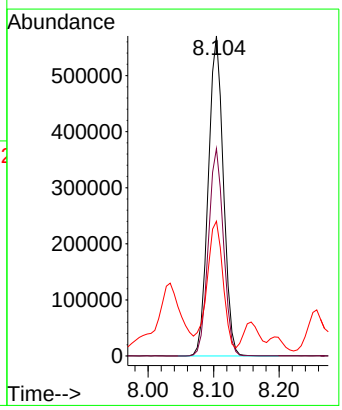
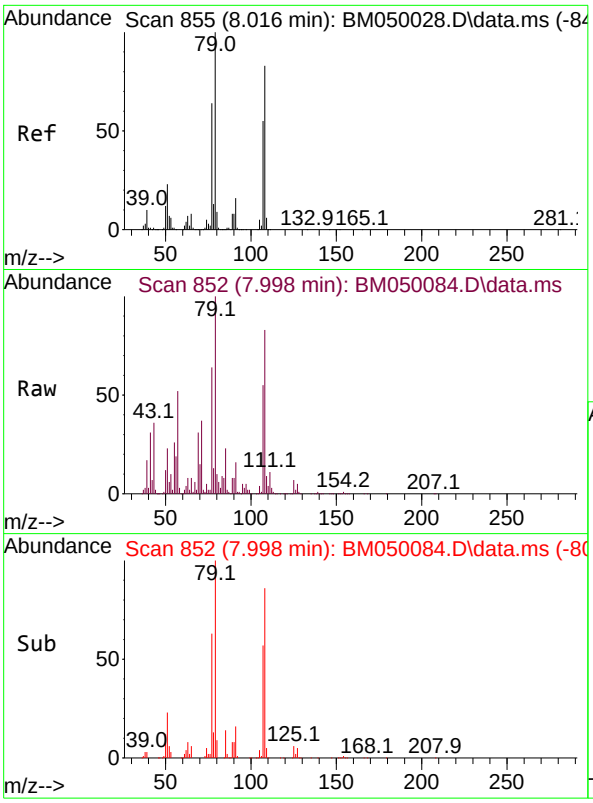


#14
1,2-Dichlorobenzene
Concen: 39.519 ng
RT: 8.104 min Scan# 870
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:146 Resp: 911169

Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.4	78.6
111	42.1	31.0	46.6





#15
Benzyl Alcohol
Concen: 40.315 ng
RT: 7.998 min Scan# 8
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion: 79 Resp: 63924

Ion	Ratio	Lower	Upper
79	100		
108	82.7	66.0	99.0
77	63.7	51.6	77.4

Instrument :
BNA_M
ClientSampleId :
SS-8MSD

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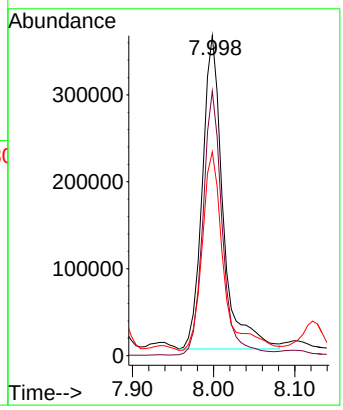
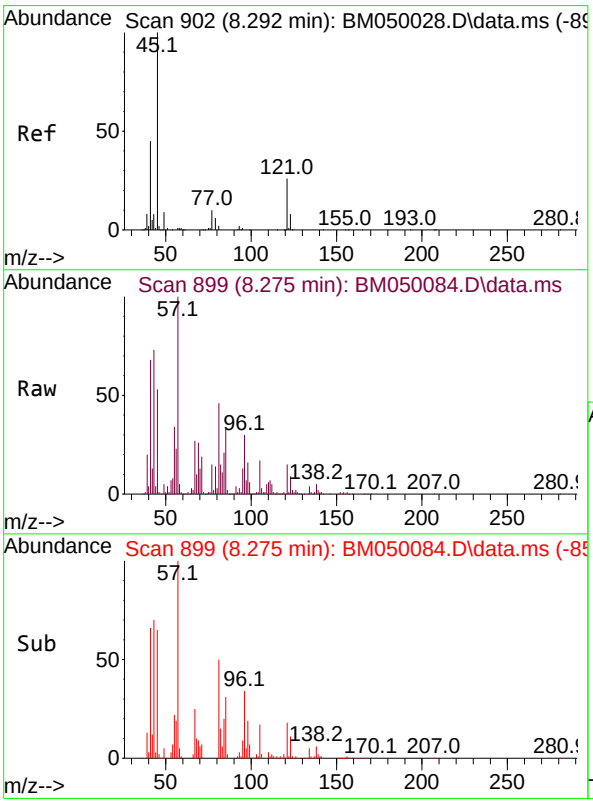
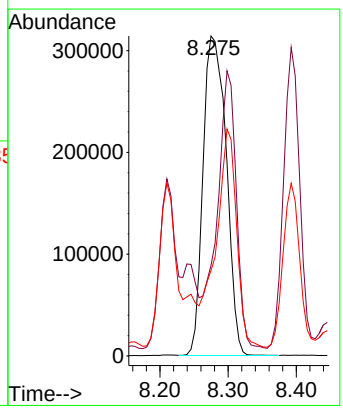


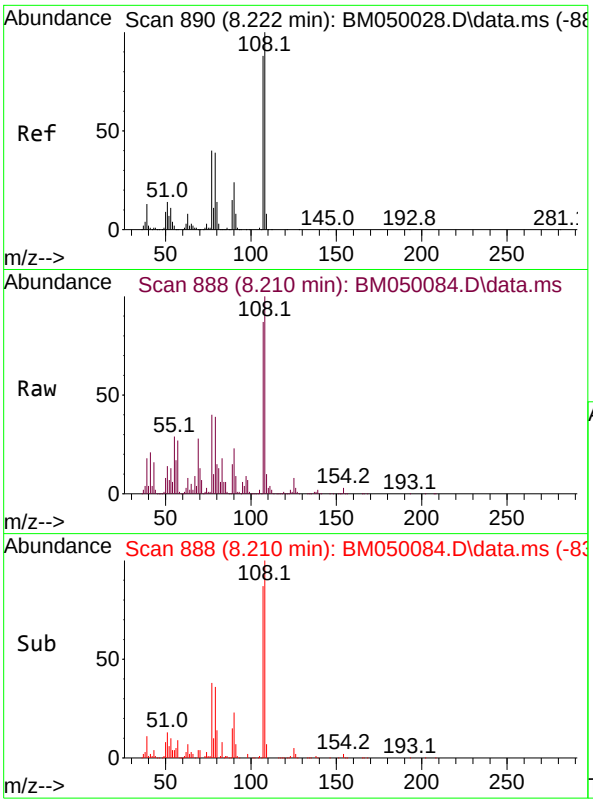


#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.585 ng
RT: 8.275 min Scan# 899
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion: 45 Resp: 742064

Ion	Ratio	Lower	Upper
45	100		
77	28.3	0.0	36.4
79	26.8	0.0	32.7

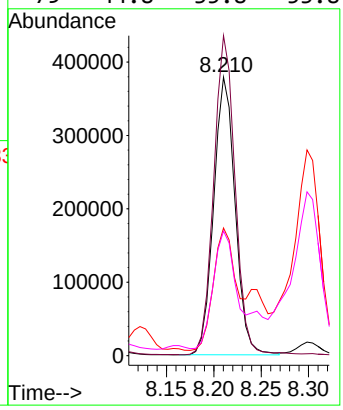




#17
2-Methylphenol
Concen: 39.102 ng
RT: 8.210 min Scan# 8
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:107 Resp: 59623

Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.1	136.7
77	45.9	36.2	54.4
79	44.8	35.8	53.8



Instrument :
BNA_M
ClientSampleId :
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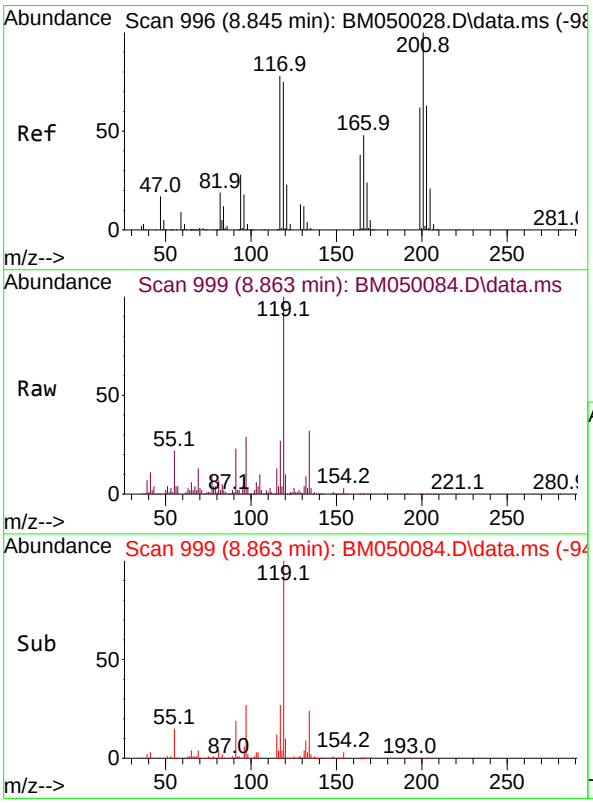
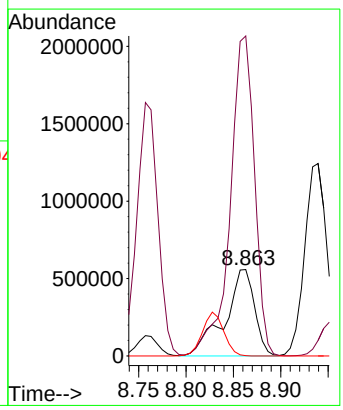
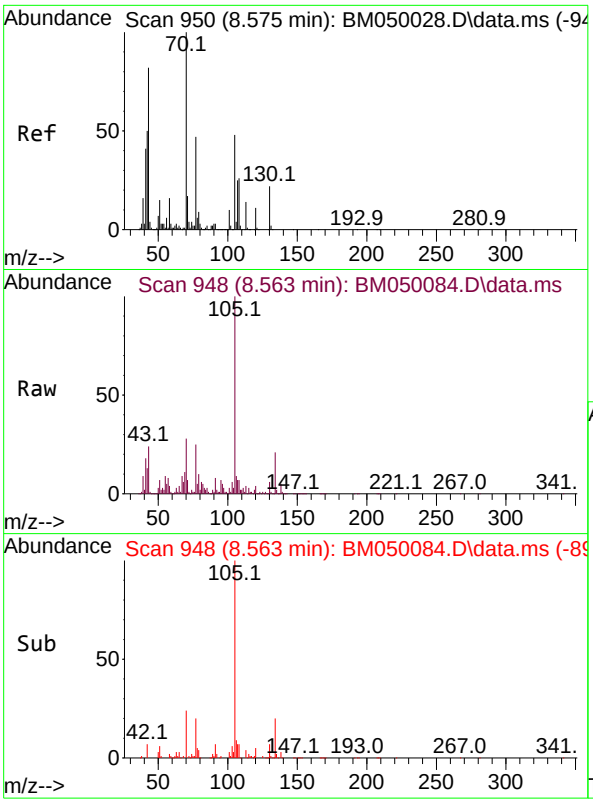


#18
Hexachloroethane
Concen: 144.695 ng
RT: 8.863 min Scan# 999
Delta R.T. 0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:117 Resp: 1227734

Ion	Ratio	Lower	Upper
117	100		
119	370.5	77.3	115.9#
201	0.3	102.8	154.2#

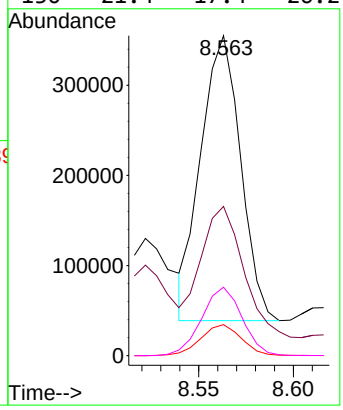




#19
n-Nitroso-di-n-propylamine
Concen: 31.470 ng
RT: 8.563 min Scan# 94
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion: 70 Resp: 46147

Ion	Ratio	Lower	Upper
70	100		
42	46.7	40.5	60.7
101	9.7	7.8	11.6
130	21.4	17.4	26.2



Instrument :
BNA_M
ClientSampleId :
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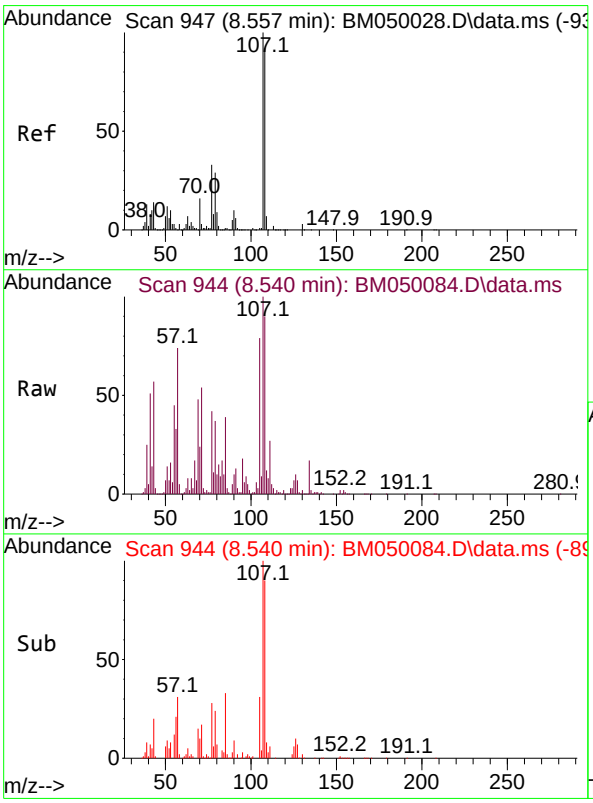
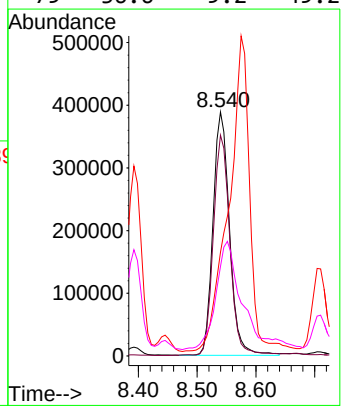
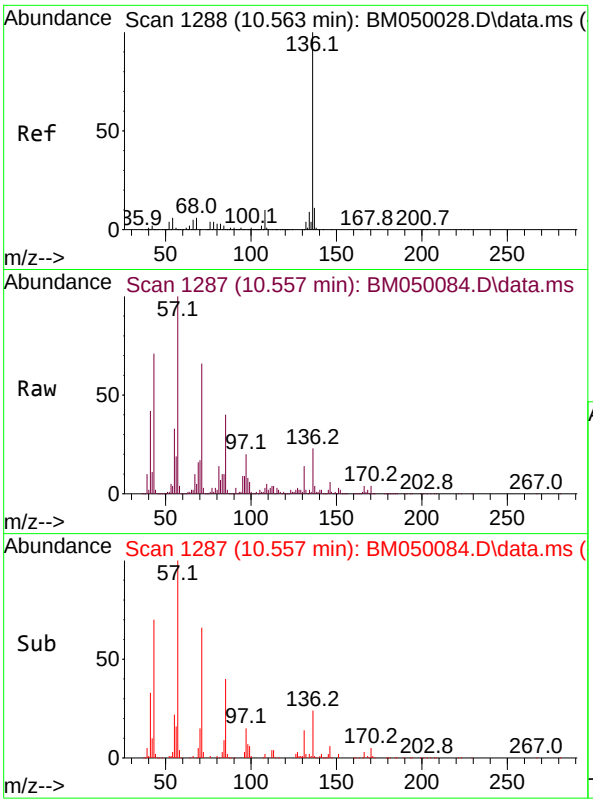


#20
3+4-Methylphenols
Concen: 36.837 ng
RT: 8.540 min Scan# 944
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:107 Resp: 758552

Ion	Ratio	Lower	Upper
107	100		
108	90.5	72.4	112.4
77	42.5	13.6	53.6
79	36.6	9.2	49.2

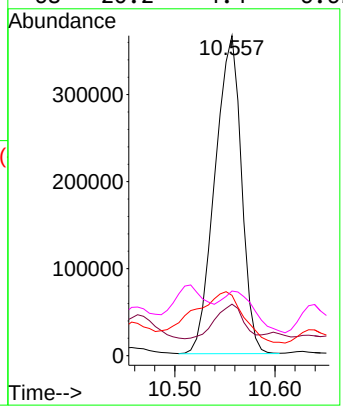




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:136 Resp: 66904

Ion	Ratio	Lower	Upper
136	100		
137	16.1	8.9	13.3#
54	18.9	5.1	7.7#
68	20.2	4.4	6.6#



Instrument :
BNA_M
ClientSampleId :
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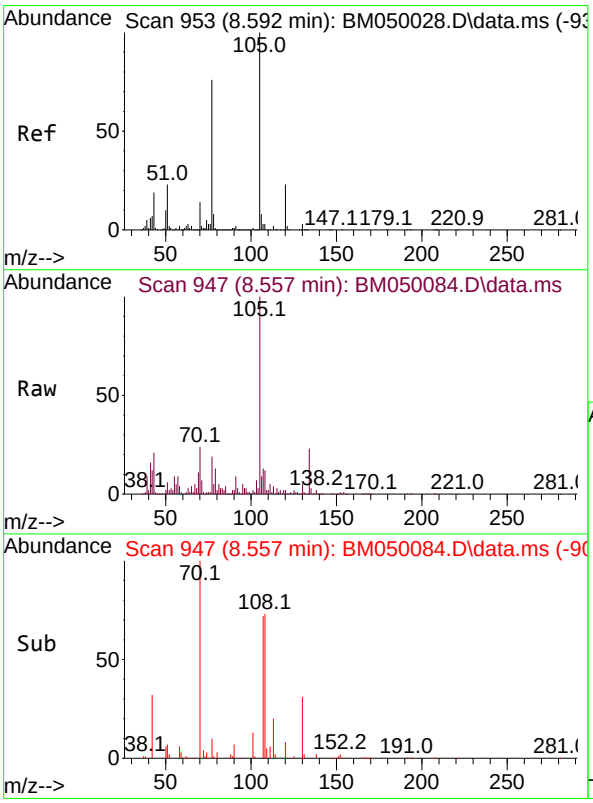
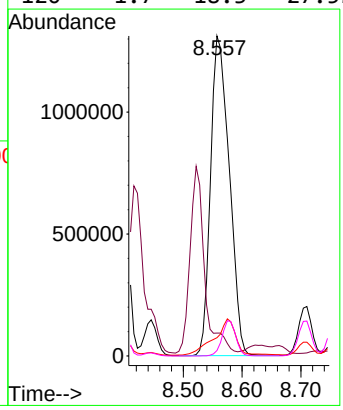
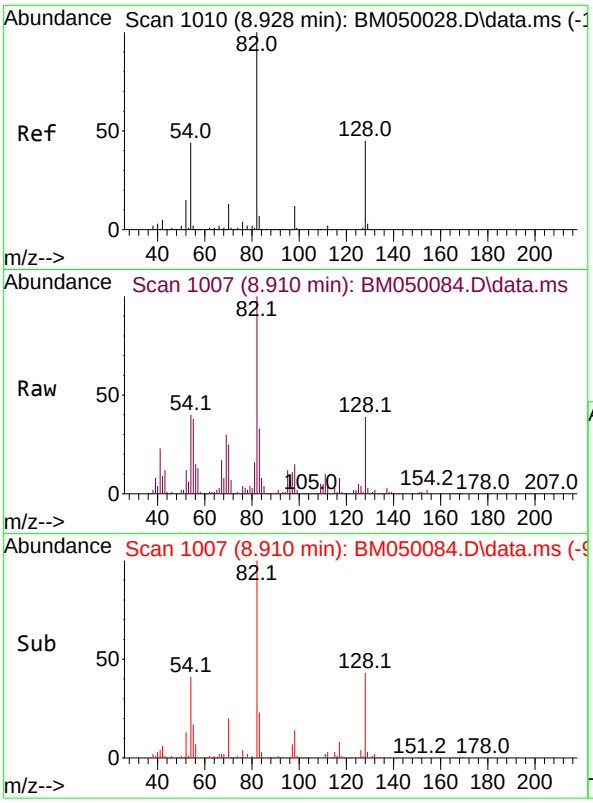


#22
Acetophenone
Concen: 174.475 ng
RT: 8.557 min Scan# 947
Delta R.T. -0.035 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:105 Resp: 2902132

Ion	Ratio	Lower	Upper
105	100		
71	7.1	1.7	2.5#
51	5.7	18.6	27.8#
120	1.7	18.3	27.5#

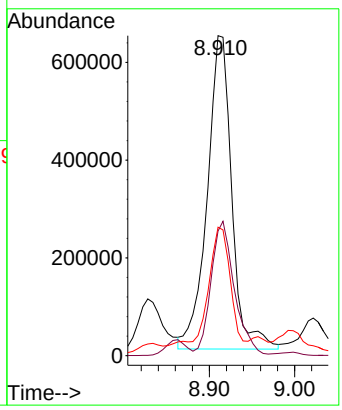




#23
Nitrobenzene-d5
Concen: 94.802 ng
RT: 8.910 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion: 82 Resp: 128715

Ion	Ratio	Lower	Upper
82	100		
128	39.0	35.7	53.5
54	40.2	35.4	53.2



Instrument :
BNA_M
ClientSampleId :
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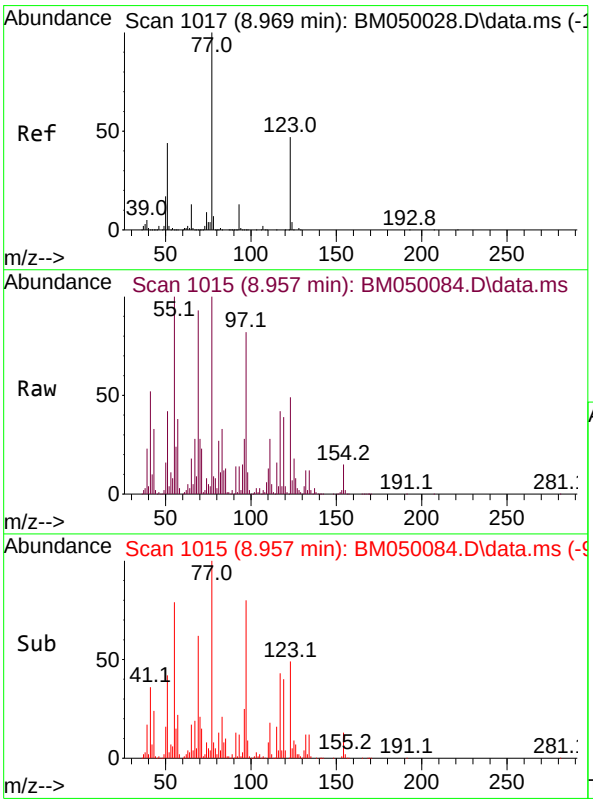
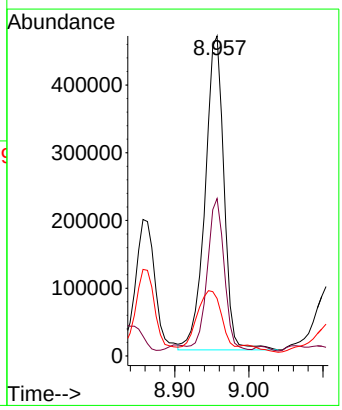
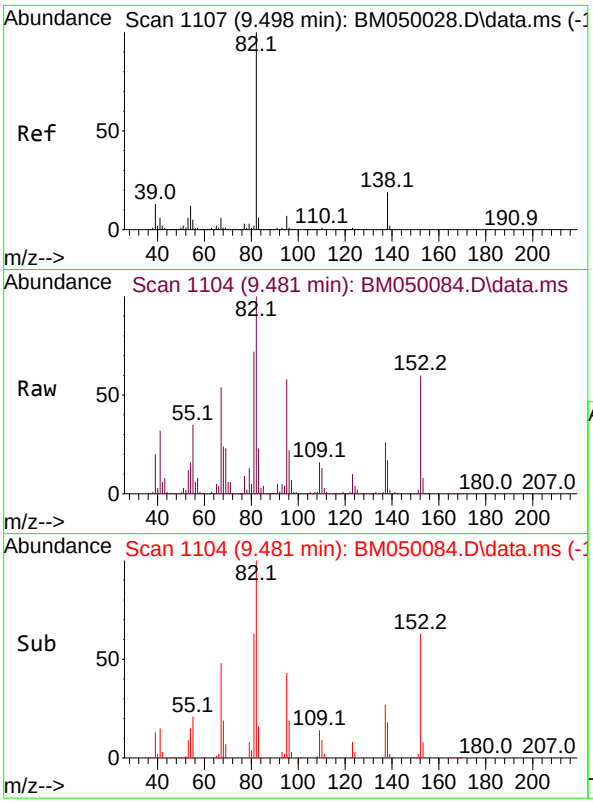


#24
Nitrobenzene
Concen: 69.696 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion: 77 Resp: 818217

Ion	Ratio	Lower	Upper
77	100		
123	49.2	37.9	56.9
65	18.0	10.1	15.1#

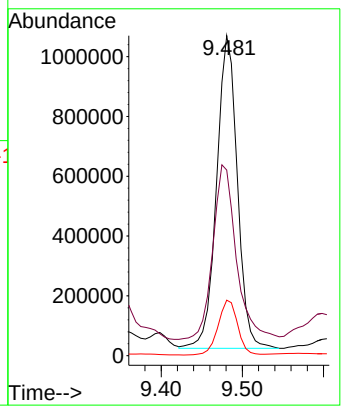




#25
Isophorone
Concen: 80.326 ng
RT: 9.481 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion: 82 Resp: 185906

Ion	Ratio	Lower	Upper
82	100		
95	58.0	5.7	8.5#
138	17.3	15.5	23.3



Instrument :
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ClientSampleId :
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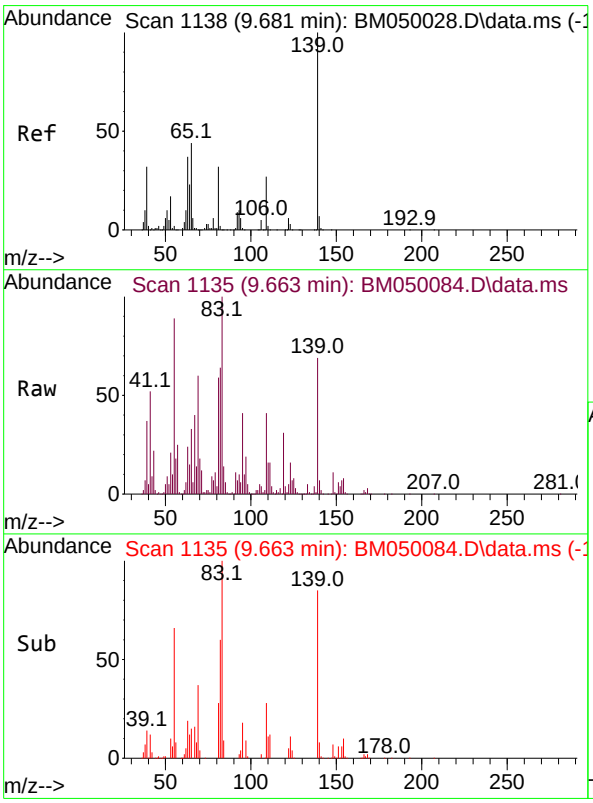
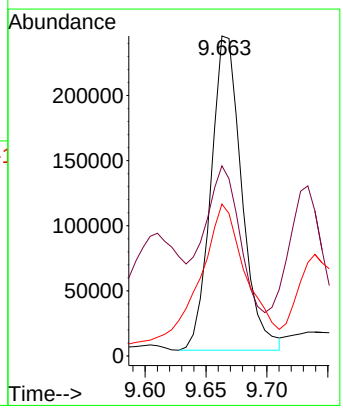
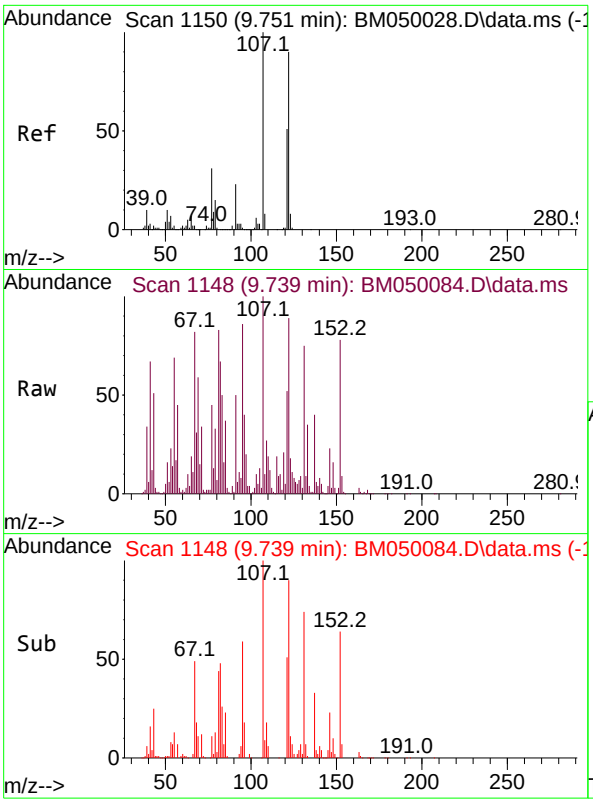


#26
2-Nitrophenol
Concen: 70.764 ng
RT: 9.663 min Scan# 1135
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:139 Resp: 424409

Ion	Ratio	Lower	Upper
139	100		
109	59.4	21.9	32.9#
65	47.4	35.4	53.2





#27
2,4-Dimethylphenol
Concen: 62.512 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:122 Resp: 62175

Ion	Ratio	Lower	Upper
122	100		
107	112.2	89.0	133.6
121	58.5	45.6	68.4

Instrument :
BNA_M
ClientSampleId :
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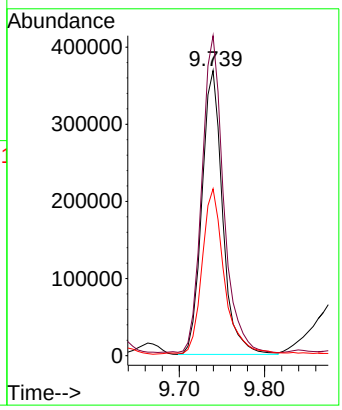
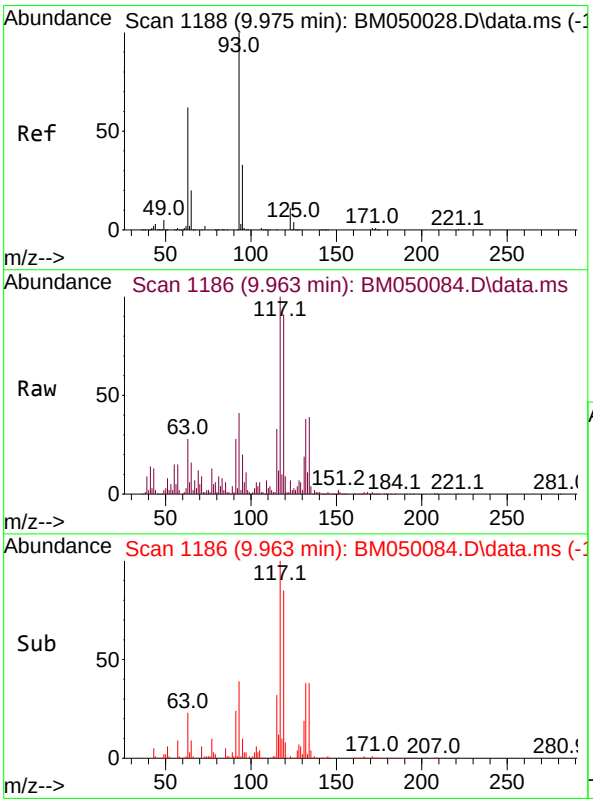
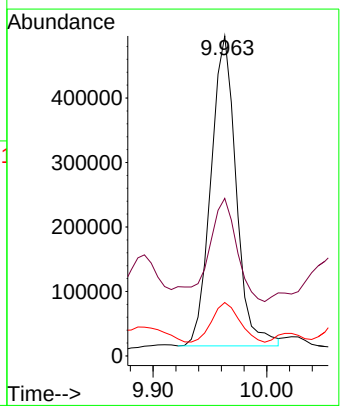


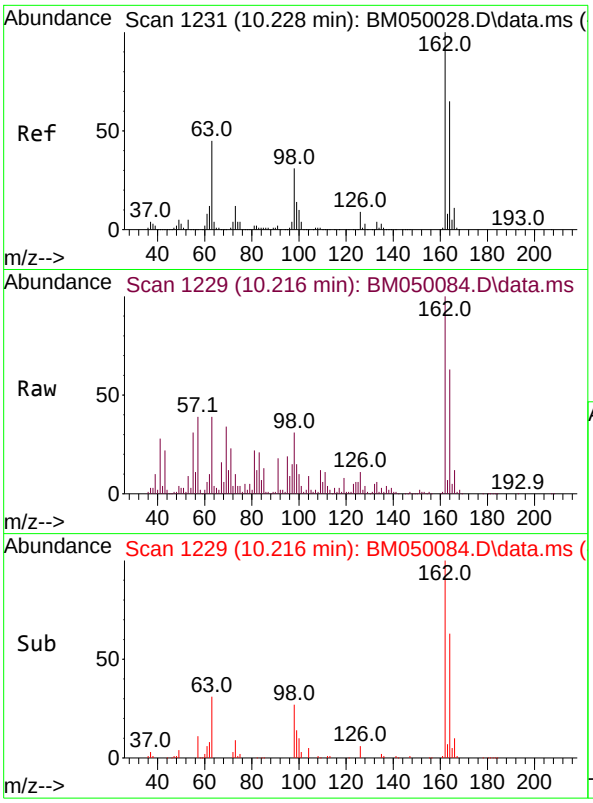


#28
bis(2-Chloroethoxy)methane
Concen: 51.972 ng
RT: 9.963 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion: 93 Resp: 743439

Ion	Ratio	Lower	Upper
93	100		
95	49.2	26.1	39.1#
123	16.7	9.5	14.3#





#29
2,4-Dichlorophenol
Concen: 68.776 ng
RT: 10.216 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:162 Resp: 76634

Ion	Ratio	Lower	Upper
162	100		
164	62.8	45.4	85.4
98	31.0	11.3	51.3

Instrument :
BNA_M
ClientSampleId :
SS-8MSD

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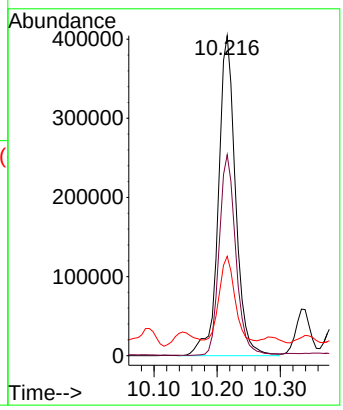
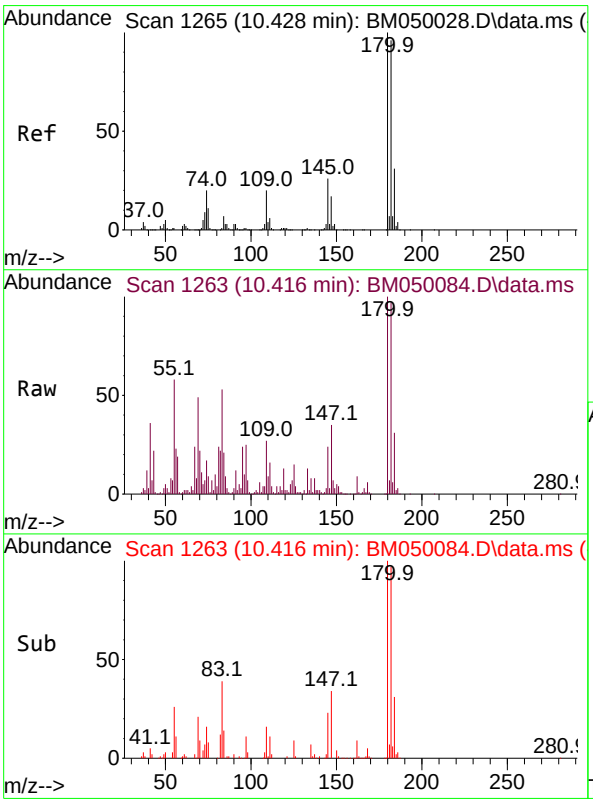
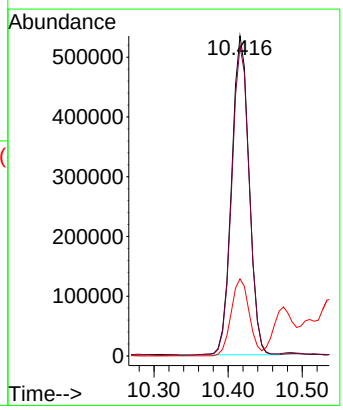


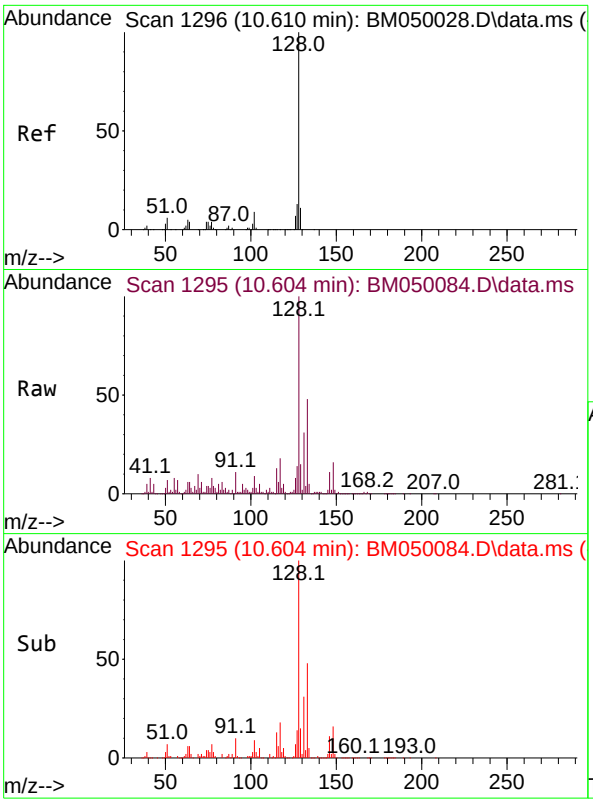


#30
1,2,4-Trichlorobenzene
Concen: 64.360 ng
RT: 10.416 min Scan# 1263
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:180 Resp: 873722

Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.0	115.4
145	24.1	20.6	30.8

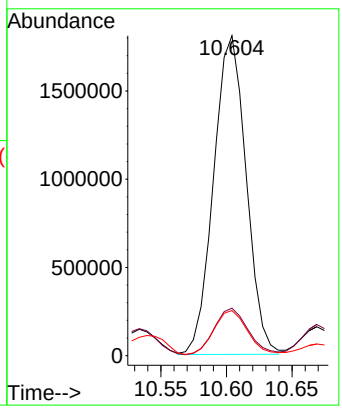




#31
Naphthalene
Concen: 92.123 ng
RT: 10.604 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:128 Resp: 312133

Ion	Ratio	Lower	Upper
128	100		
129	14.9	8.8	13.2#
127	14.1	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
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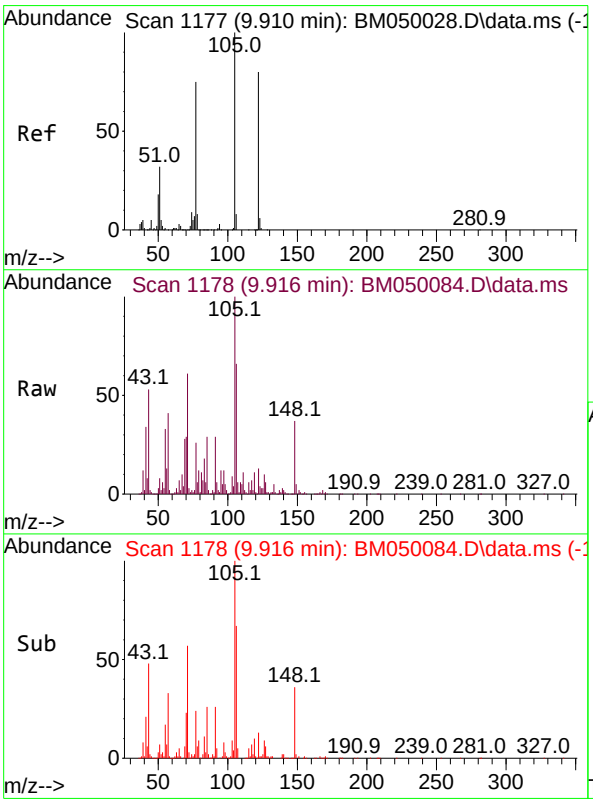
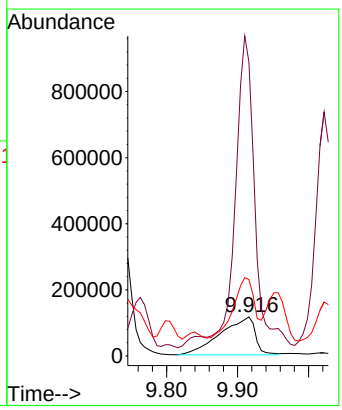
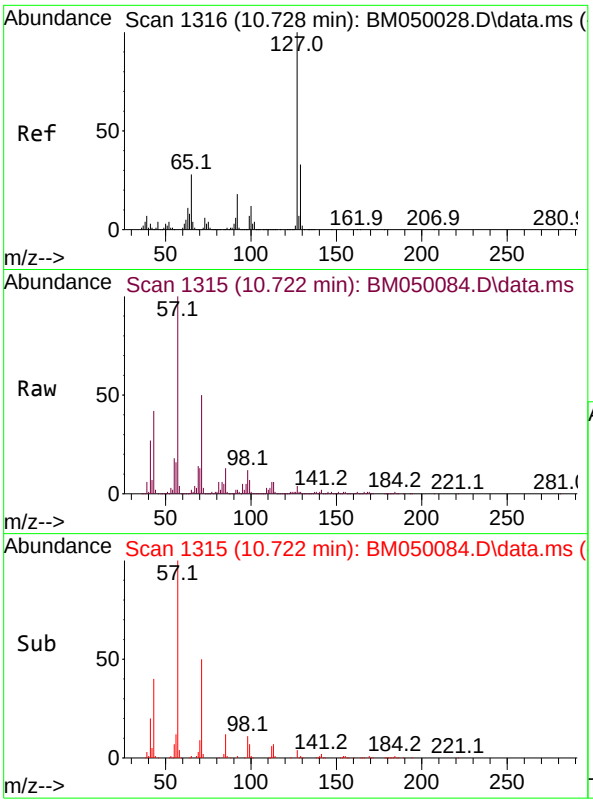


#32
Benzoic acid
Concen: 61.023 ng
RT: 9.916 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:122 Resp: 388178

Ion	Ratio	Lower	Upper
122	100		
105	751.2	103.6	143.6#
77	195.3	73.7	113.7#

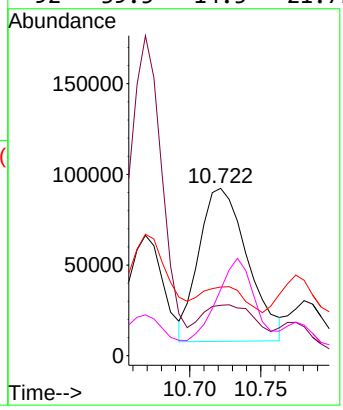




#33
4-Chloroaniline
Concen: 14.490 ng
RT: 10.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:127 Resp: 20122

Ion	Ratio	Lower	Upper
127	100		
129	30.2	26.3	39.5
65	41.0	22.5	33.7#
92	39.5	14.5	21.7#



Instrument :
BNA_M
ClientSampleId :
SS-8MSD

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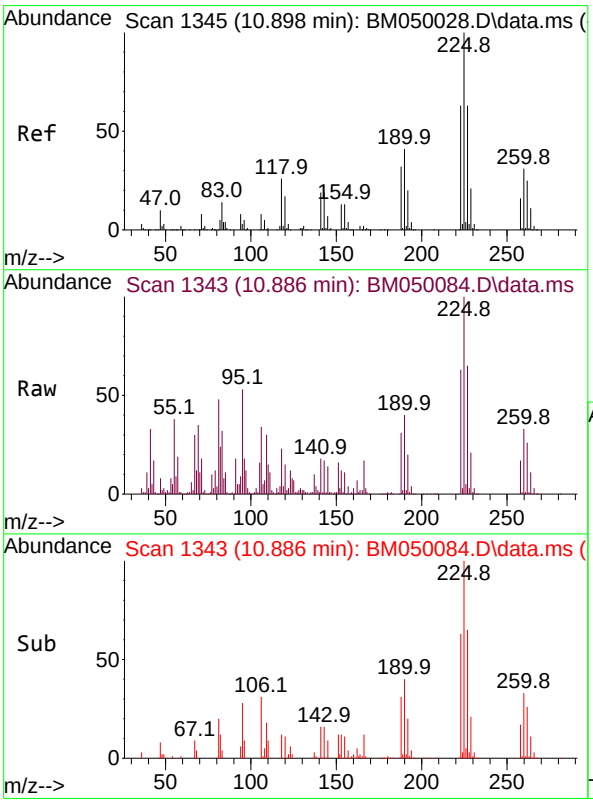
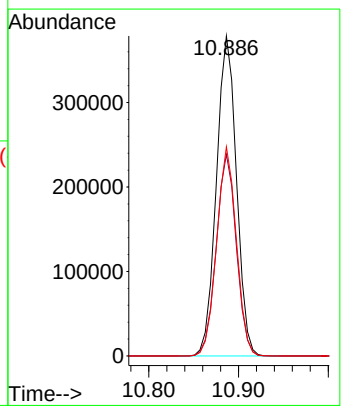
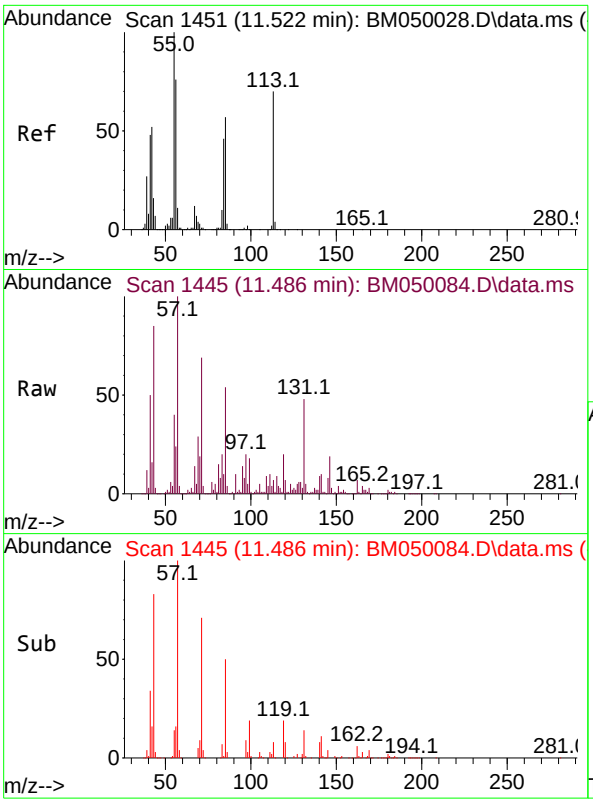


#34
Hexachlorobutadiene
Concen: 68.225 ng
RT: 10.886 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:225 Resp: 587920

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.2	75.2
227	65.3	50.6	76.0





#35
Caprolactam
Concen: 78.366 ng m
RT: 11.486 min Scan# 14
Delta R.T. -0.035 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:113 Resp: 25460

Ion	Ratio	Lower	Upper
113	100		
55	538.3	122.9	162.9#
56	318.3	88.1	128.1#

Instrument :
BNA_M
ClientSampleId :
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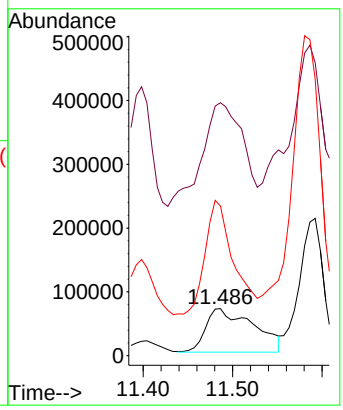
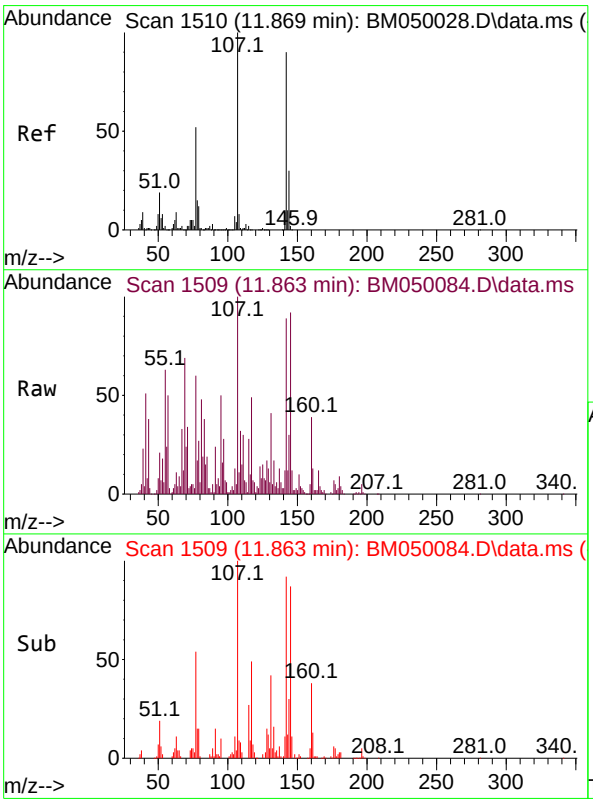
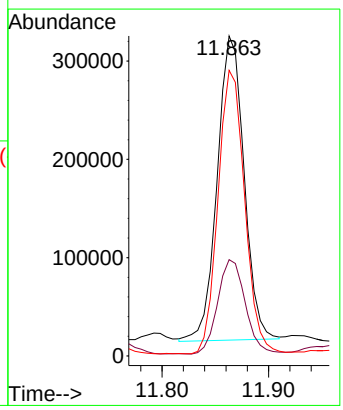


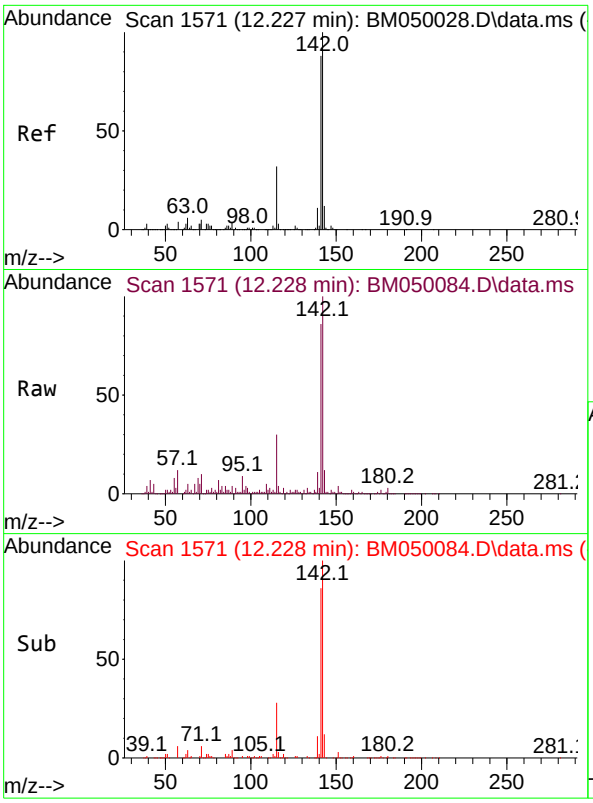


#36
4-Chloro-3-methylphenol
Concen: 52.615 ng
RT: 11.863 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:107 Resp: 541640

Ion	Ratio	Lower	Upper
107	100		
144	30.1	23.8	35.6
142	89.3	71.9	107.9

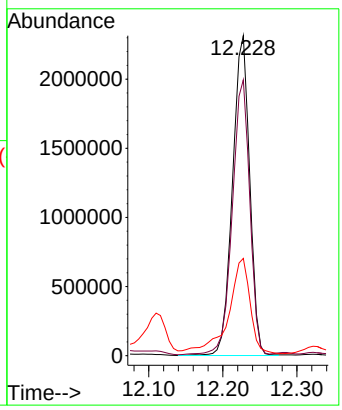




#37
2-Methylnaphthalene
Concen: 163.618 ng
RT: 12.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:142 Resp: 371676

Ion	Ratio	Lower	Upper
142	100		
141	86.2	70.4	105.6
115	30.4	25.4	38.2



Instrument :
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ClientSampleId :
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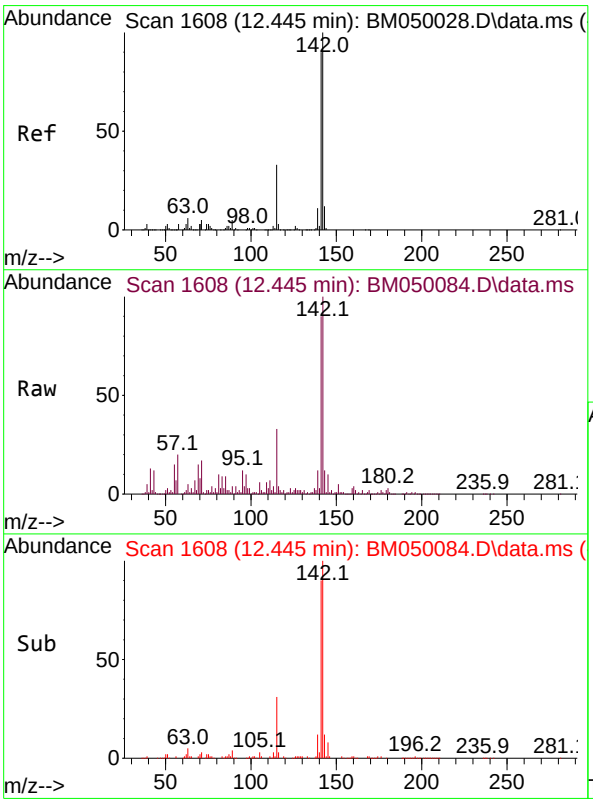
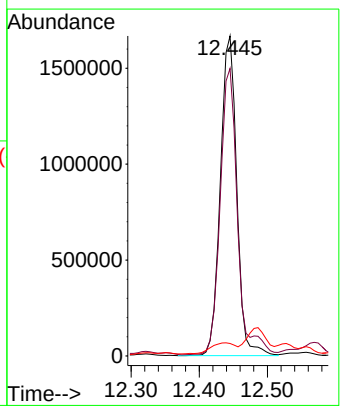
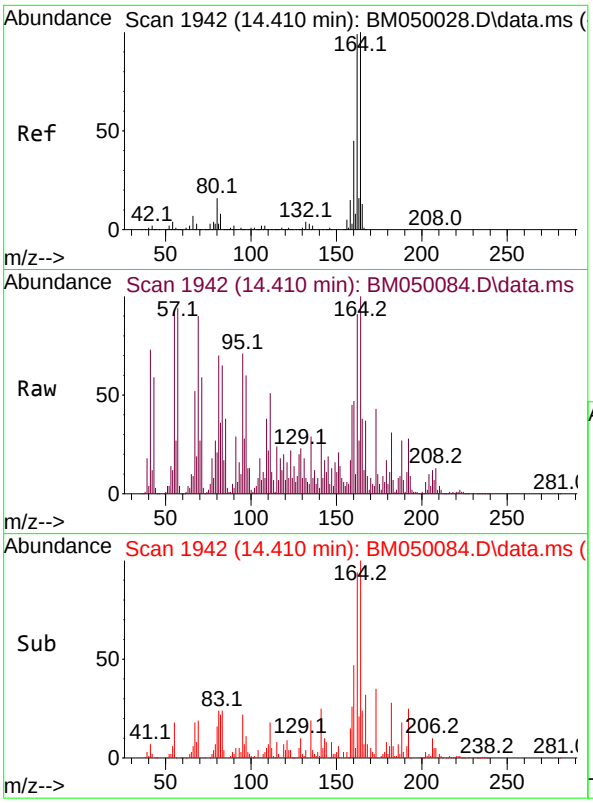


#38
1-Methylnaphthalene
Concen: 116.274 ng
RT: 12.445 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:142 Resp: 2795228

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.1	108.1
116	3.9	2.7	4.1

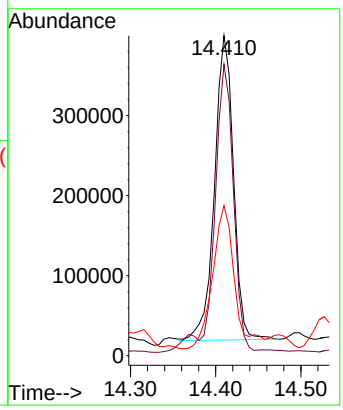




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:164 Resp: 58709

Ion	Ratio	Lower	Upper
164	100		
162	91.0	79.4	119.0
160	46.8	36.2	54.4



Instrument :
BNA_M
ClientSampleId :
SS-8MSD

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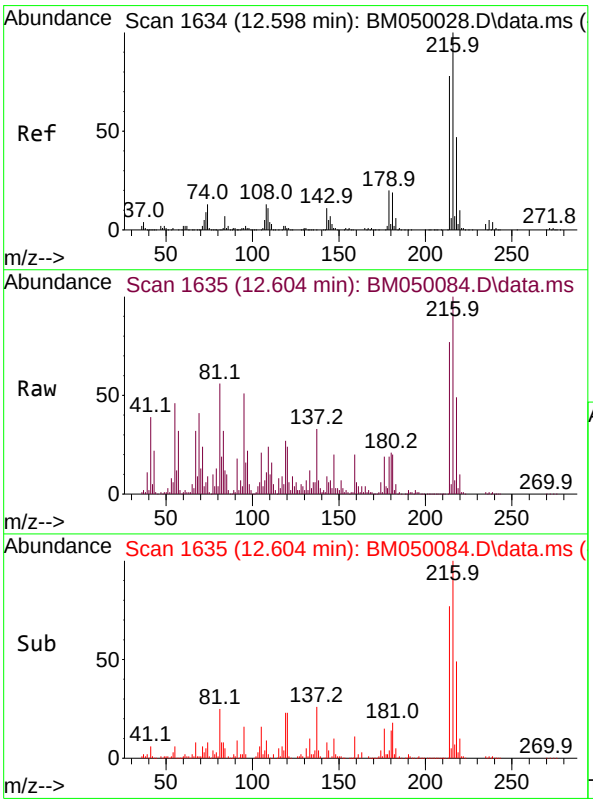
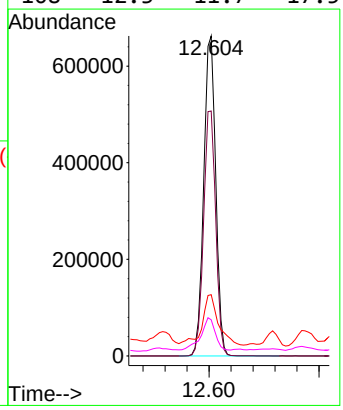
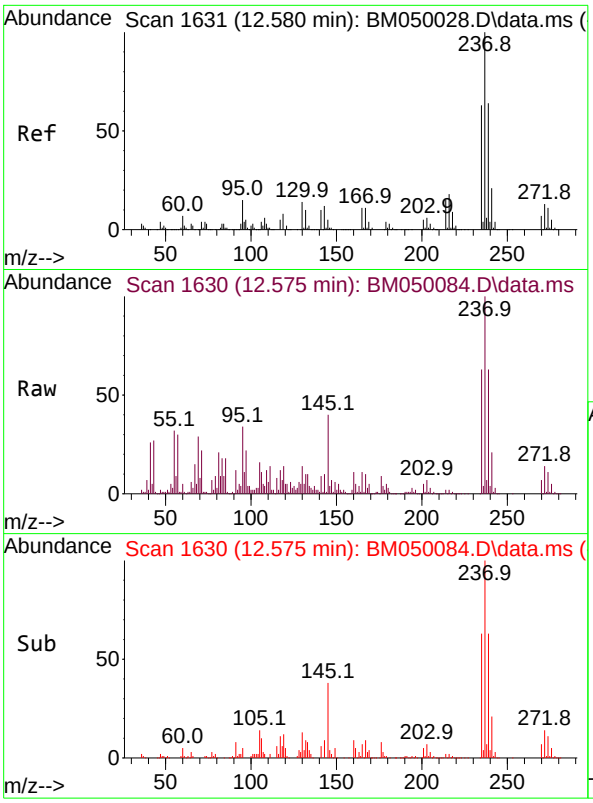


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.193 ng
RT: 12.604 min Scan# 1635
Delta R.T. 0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:216 Resp: 999784

Ion	Ratio	Lower	Upper
216	100		
214	77.6	62.3	93.5
179	21.7	15.4	23.0
108	12.3	11.7	17.5





#41
Hexachlorocyclopentadiene
Concen: 87.284 ng
RT: 12.575 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:237 Resp: 108408

Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.9	82.9
272	13.6	0.0	32.9

Instrument :
BNA_M
ClientSampleId :
SS-8MSD

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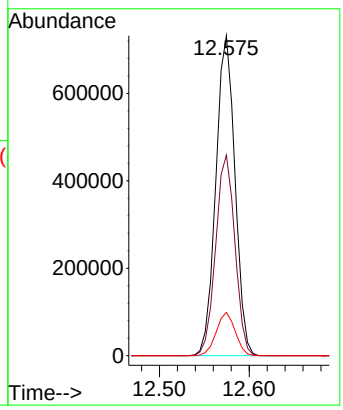
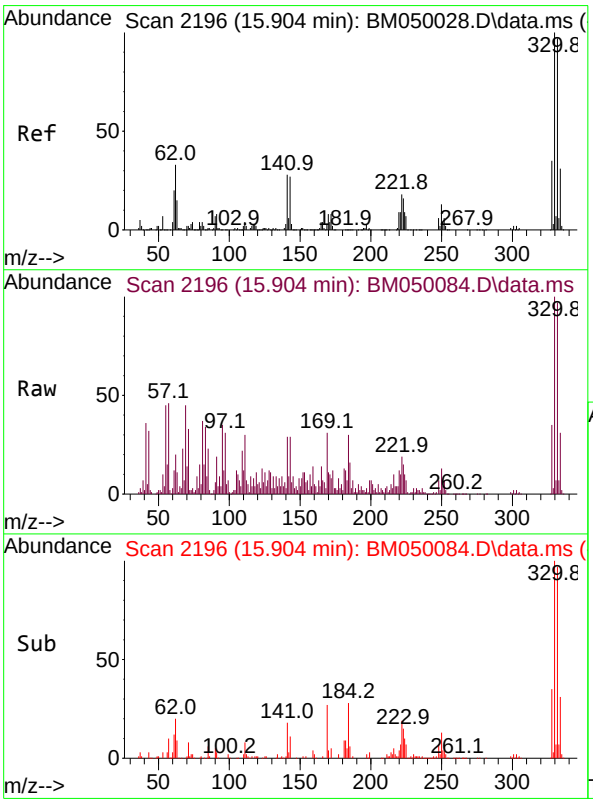
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

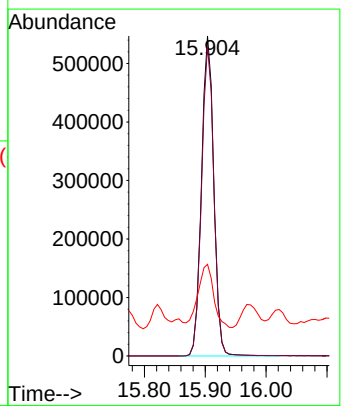


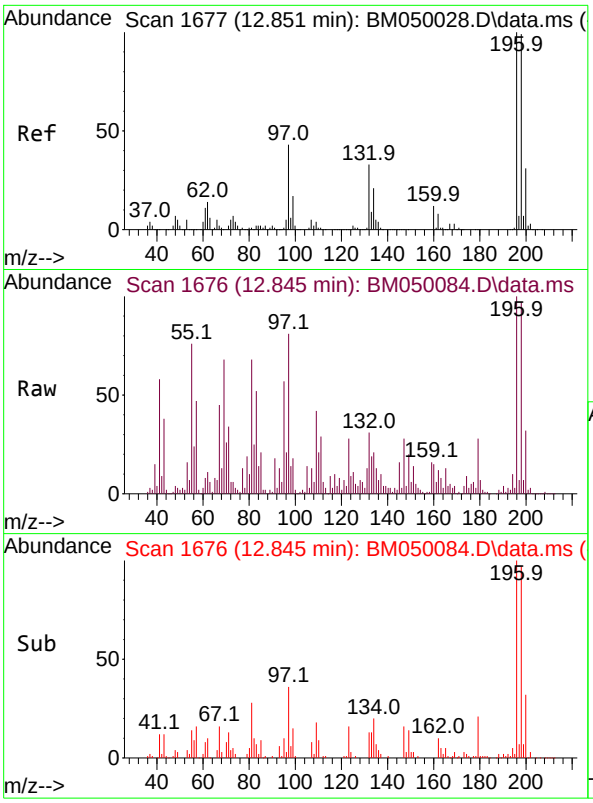


#42
2,4,6-Tribromophenol
Concen: 88.568 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:330 Resp: 768854

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	24.8	22.5	33.7

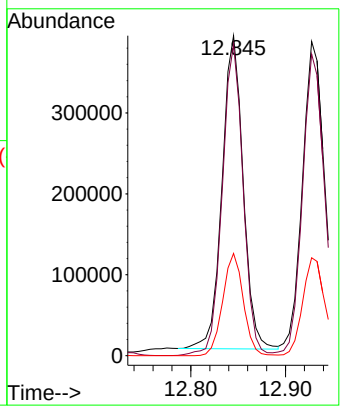




#43
2,4,6-Trichlorophenol
Concen: 46.423 ng
RT: 12.845 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:196 Resp: 59841

Ion	Ratio	Lower	Upper
196	100		
198	97.3	79.0	118.6
200	31.9	25.1	37.7



Instrument :
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ClientSampleId :
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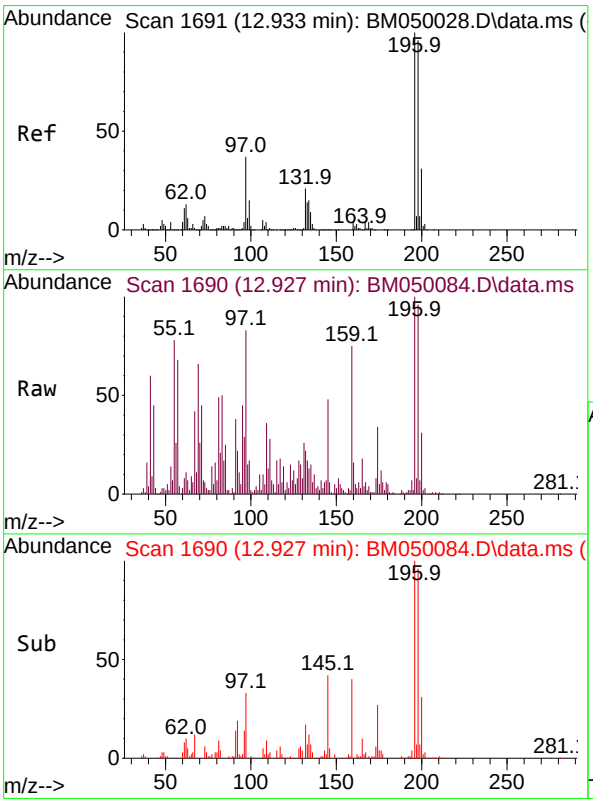
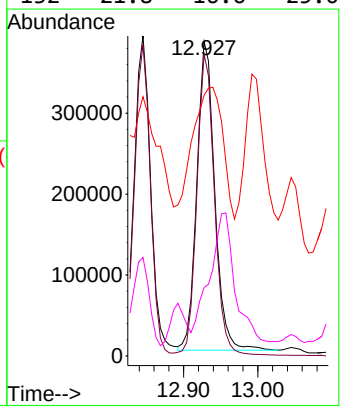
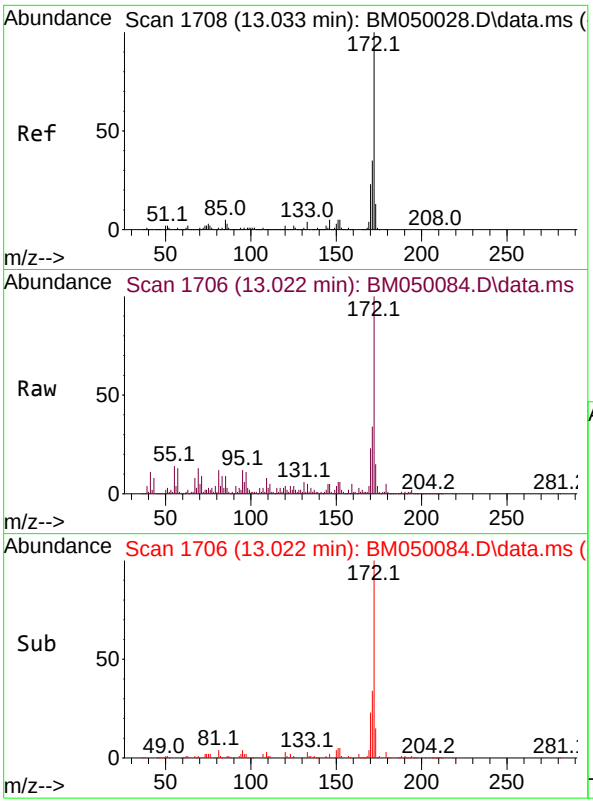


#44
2,4,5-Trichlorophenol
Concen: 46.014 ng
RT: 12.927 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:196 Resp: 639623

Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.7	115.1
97	82.9	30.1	45.1#
132	21.8	16.6	25.0

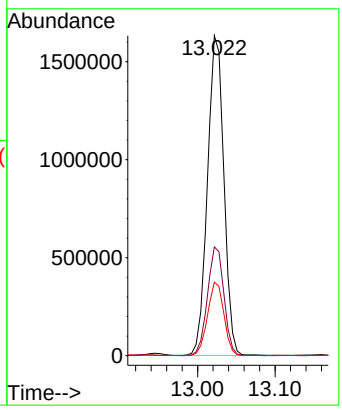




#45
2-Fluorobiphenyl
Concen: 48.497 ng
RT: 13.022 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:172 Resp: 240684

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.8	41.6
170	23.0	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
SS-8MSD

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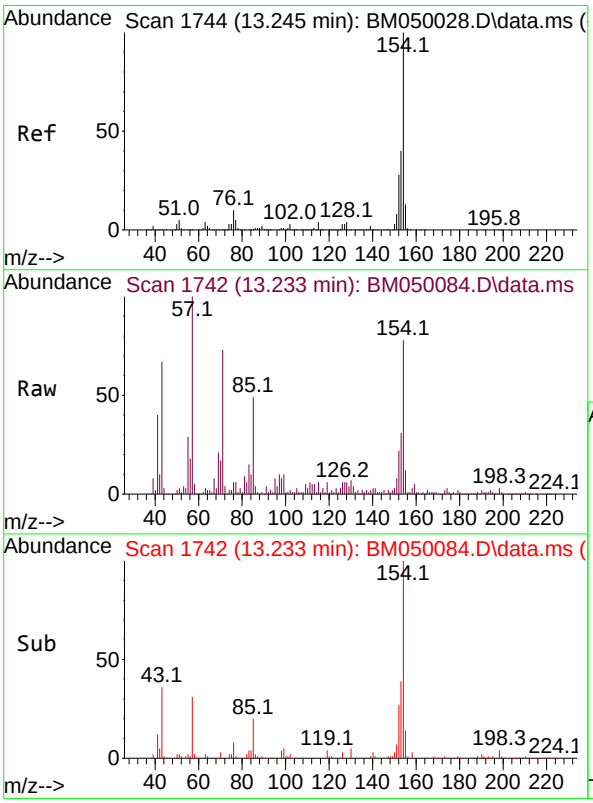
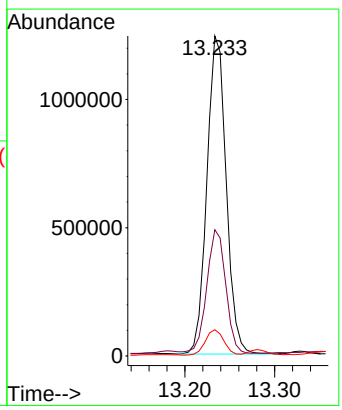
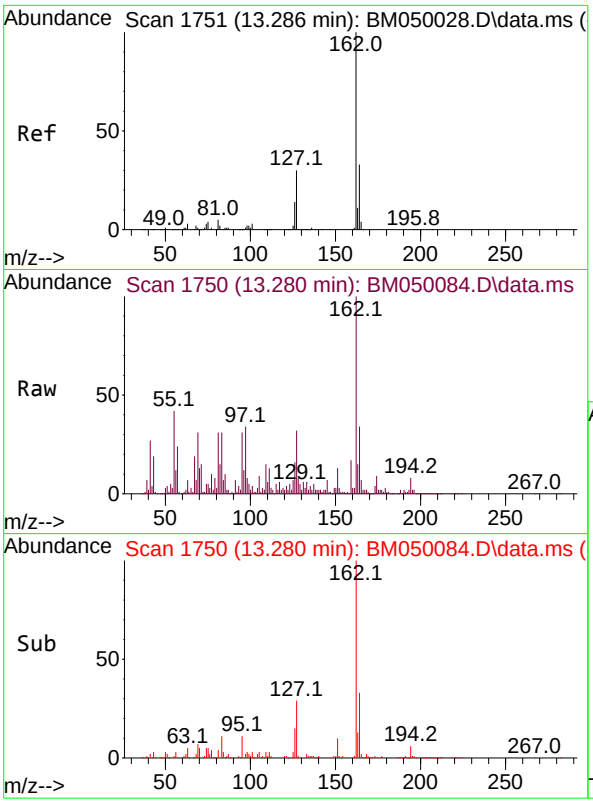


#46
1,1'-Biphenyl
Concen: 42.396 ng
RT: 13.233 min Scan# 1742
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:154 Resp: 1850245

Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.0	60.0
76	8.2	0.0	30.3

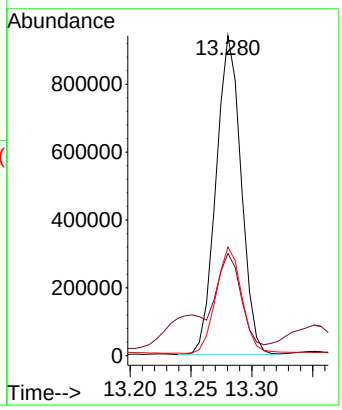




#47
2-Chloronaphthalene
Concen: 38.949 ng
RT: 13.280 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:162 Resp: 134623

Ion	Ratio	Lower	Upper
162	100		
127	32.0	25.9	38.9
164	33.9	26.6	40.0



Instrument :
BNA_M
ClientSampleId :
SS-8MSD

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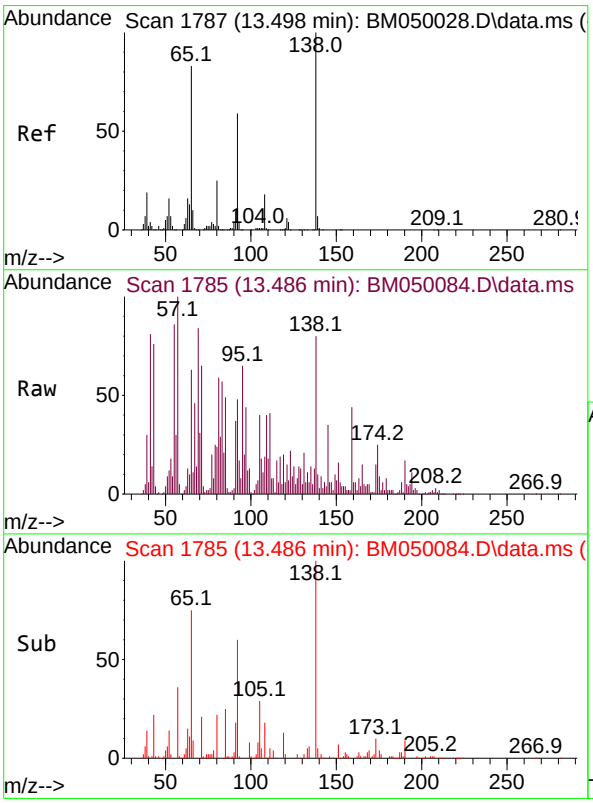
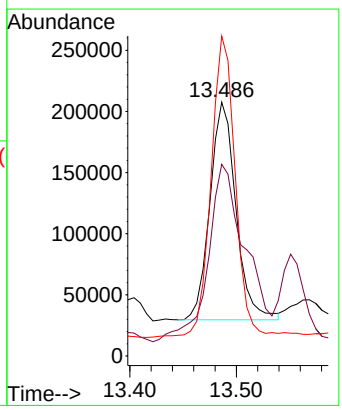
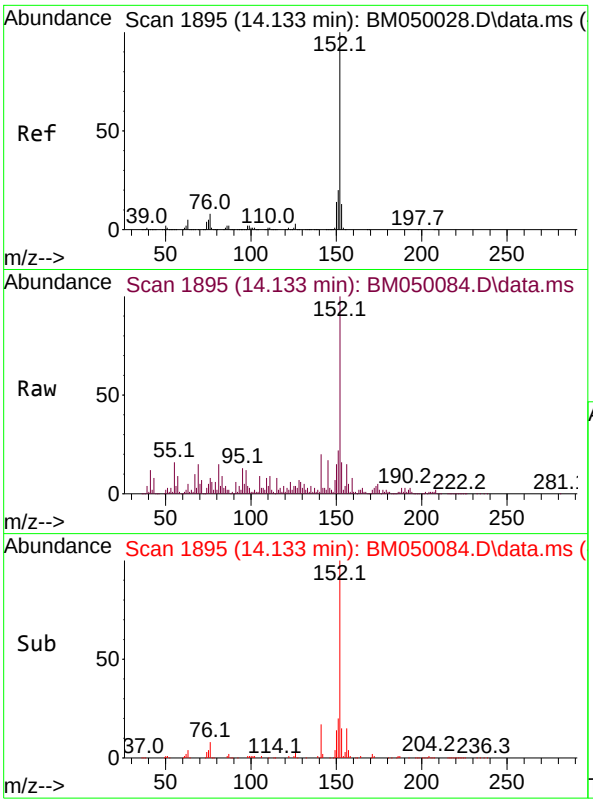


#48
2-Nitroaniline
Concen: 37.254 ng
RT: 13.486 min Scan# 1785
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion: 65 Resp: 302213

Ion	Ratio	Lower	Upper
65	100		
92	75.5	57.1	85.7
138	126.1	97.0	145.4

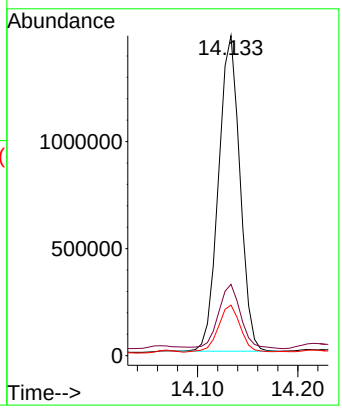




#49
Acenaphthylene
Concen: 40.096 ng
RT: 14.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:152 Resp: 218509

Ion	Ratio	Lower	Upper
152	100		
151	22.3	15.8	23.8
153	15.8	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
SS-8MSD

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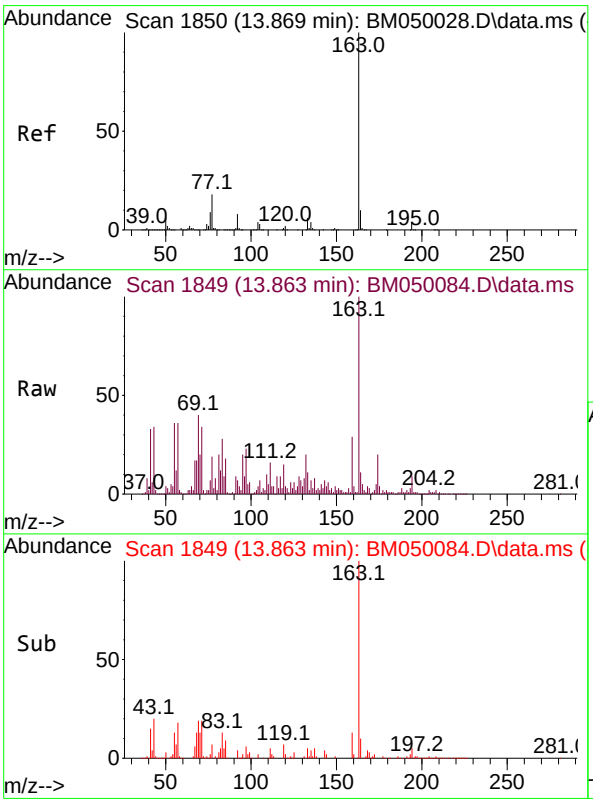
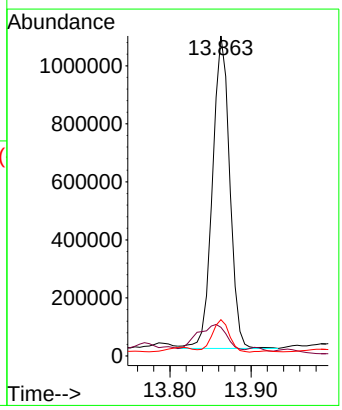
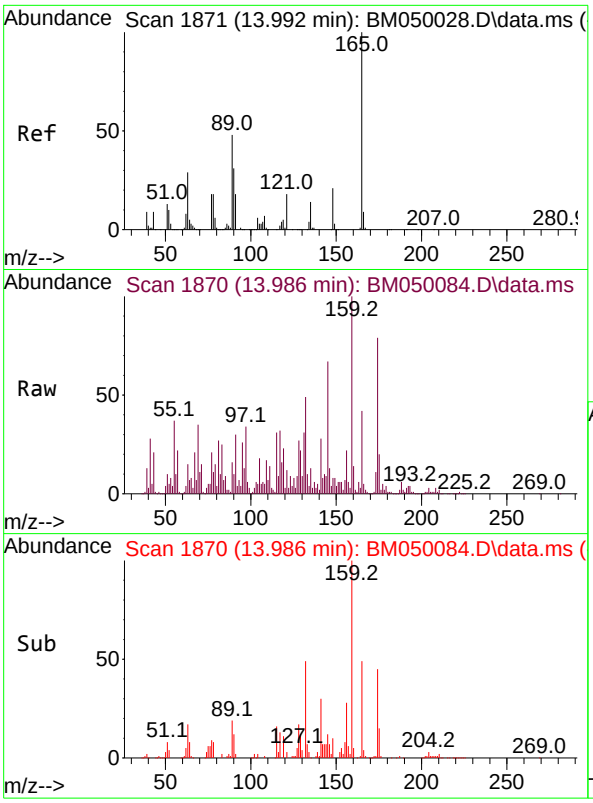


#50
Dimethylphthalate
Concen: 37.075 ng
RT: 13.863 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:163 Resp: 1590725

Ion	Ratio	Lower	Upper
163	100		
194	9.0	3.4	5.2#
164	11.3	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 43.496 ng
RT: 13.986 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:165 Resp: 38638

Ion	Ratio	Lower	Upper
165	100		
63	36.9	35.1	52.7
89	39.2	38.4	57.6

Instrument :
BNA_M
ClientSampleId :
SS-8MSD

Manual Integrations
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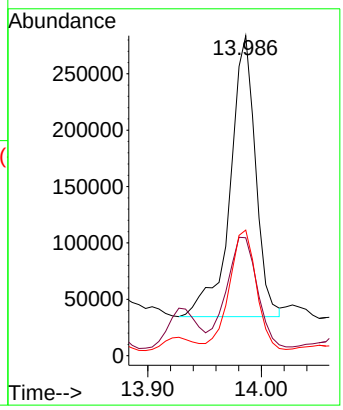
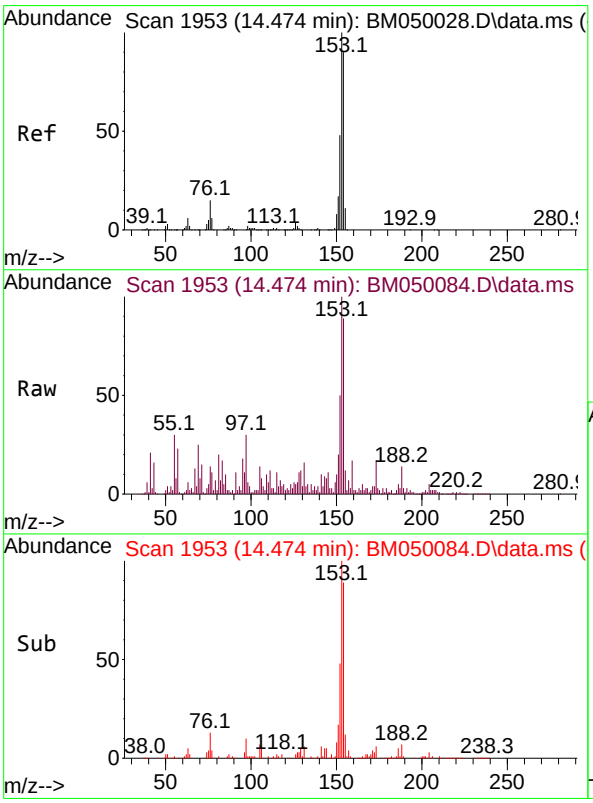
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

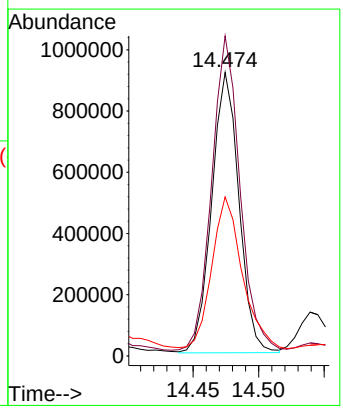


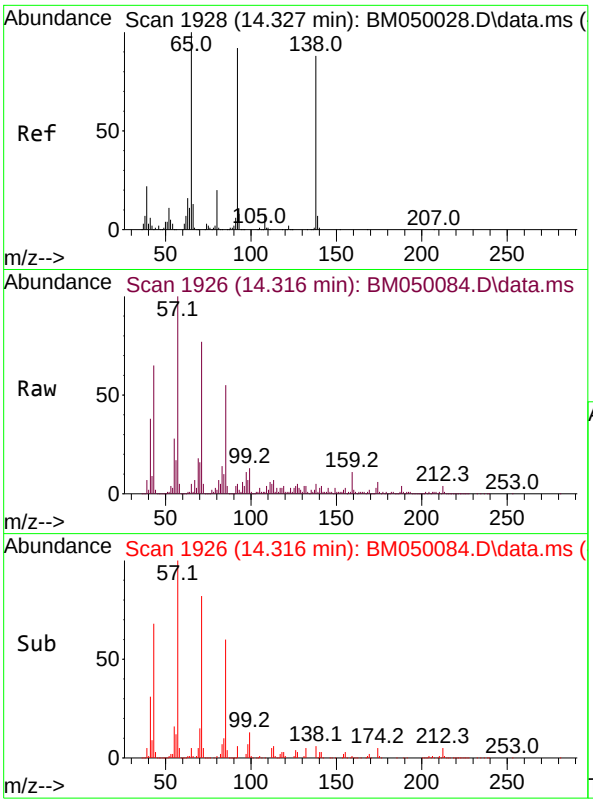


#52
Acenaphthene
Concen: 41.867 ng
RT: 14.474 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:154 Resp: 1320681

Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.0	133.4
152	56.1	43.0	64.6





#53
3-Nitroaniline
Concen: 17.993 ng
RT: 14.316 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:138 Resp: 15260

Ion	Ratio	Lower	Upper
138	100		
108	22.8	7.4	11.2#
92	89.9	84.0	126.0

Instrument :
BNA_M
ClientSampleId :
SS-8MSD

Manual Integrations
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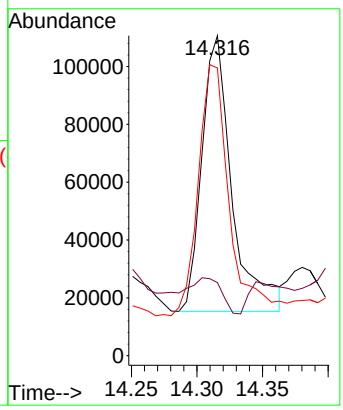
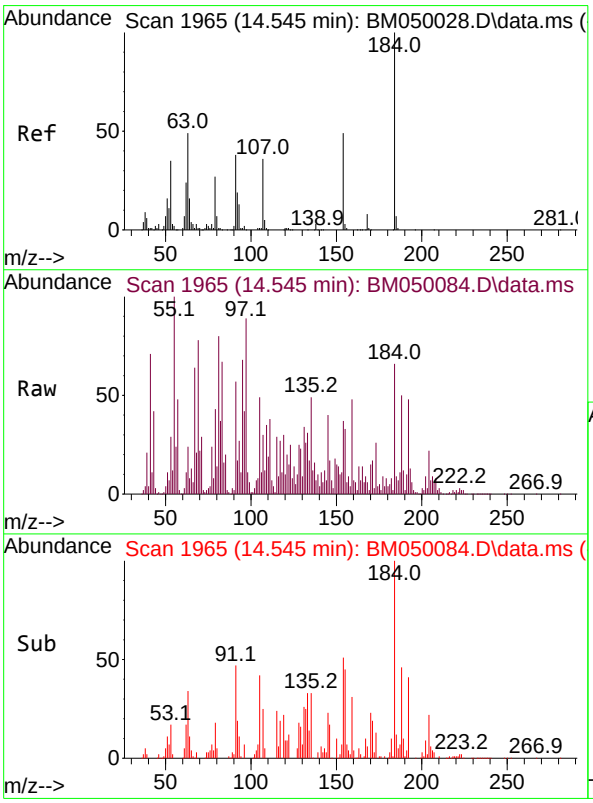
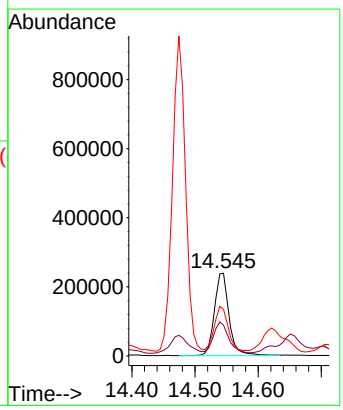


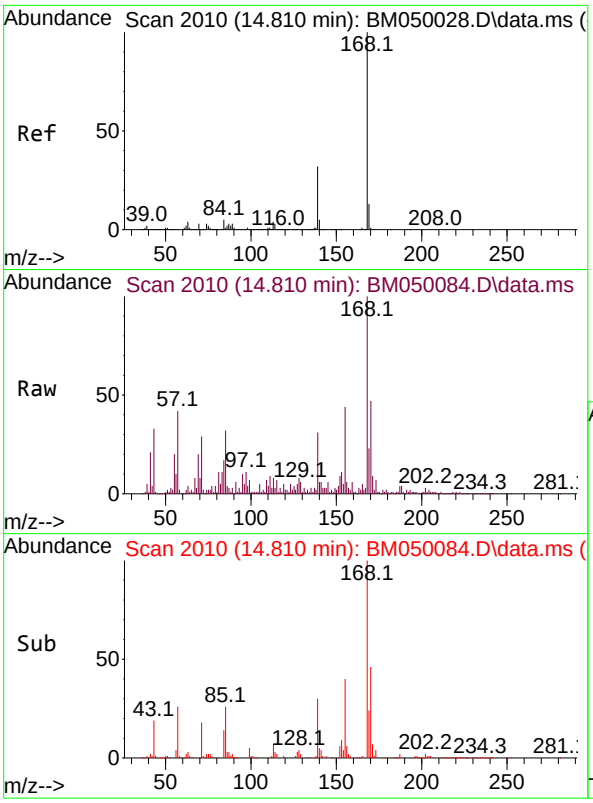


#54
2,4-Dinitrophenol
Concen: 68.665 ng
RT: 14.545 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:184 Resp: 385380

Ion	Ratio	Lower	Upper
184	100		
63	37.1	39.8	59.6#
154	56.4	46.1	69.1

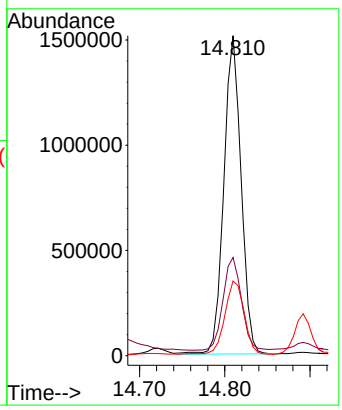




#55
Dibenzofuran
Concen: 40.490 ng
RT: 14.810 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:168 Resp: 212506

Ion	Ratio	Lower	Upper
168	100		
139	30.7	26.1	39.1
169	23.4	10.8	16.2#



Instrument :
BNA_M
ClientSampleId :
SS-8MSD

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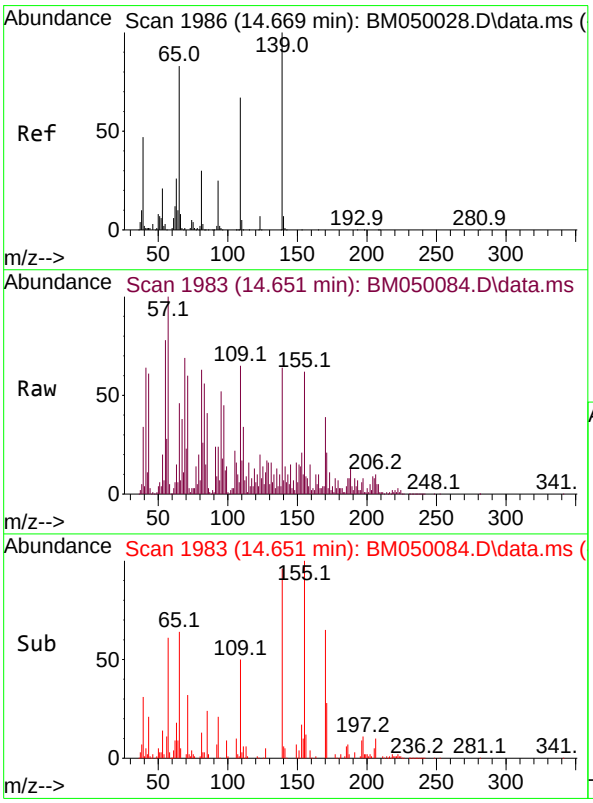
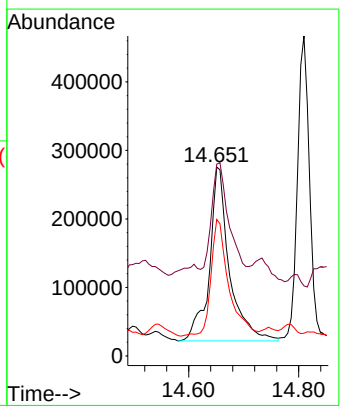
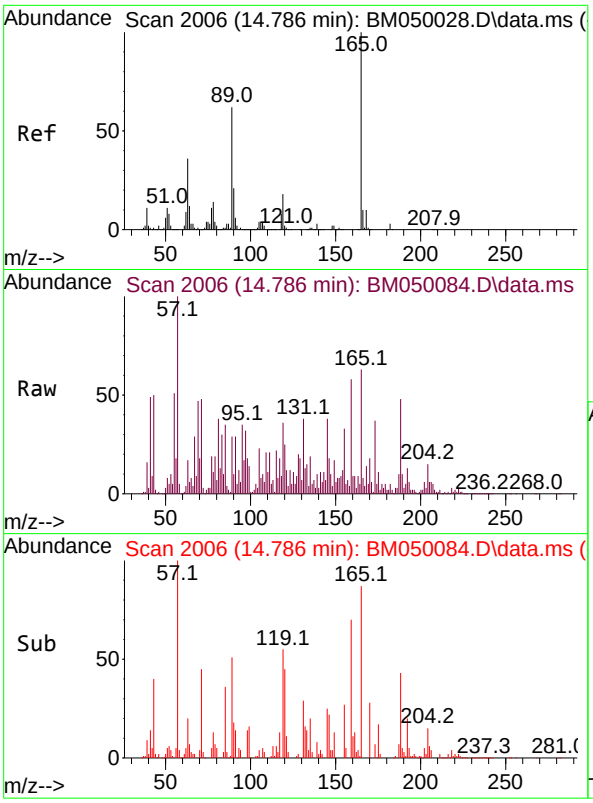


#56
4-Nitrophenol
Concen: 92.350 ng
RT: 14.651 min Scan# 1983
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:139 Resp: 642317

Ion	Ratio	Lower	Upper
139	100		
109	101.6	47.0	87.0#
65	72.4	64.3	104.3





#57
2,4-Dinitrotoluene
Concen: 41.083 ng
RT: 14.786 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:165 Resp: 50429

Ion	Ratio	Lower	Upper
165	100		
63	26.5	29.0	43.6#
89	46.3	49.4	74.2#
182	7.7	2.2	3.2#

Instrument :
BNA_M
ClientSampleId :
SS-8MSD

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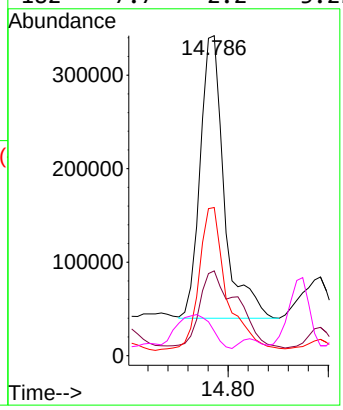
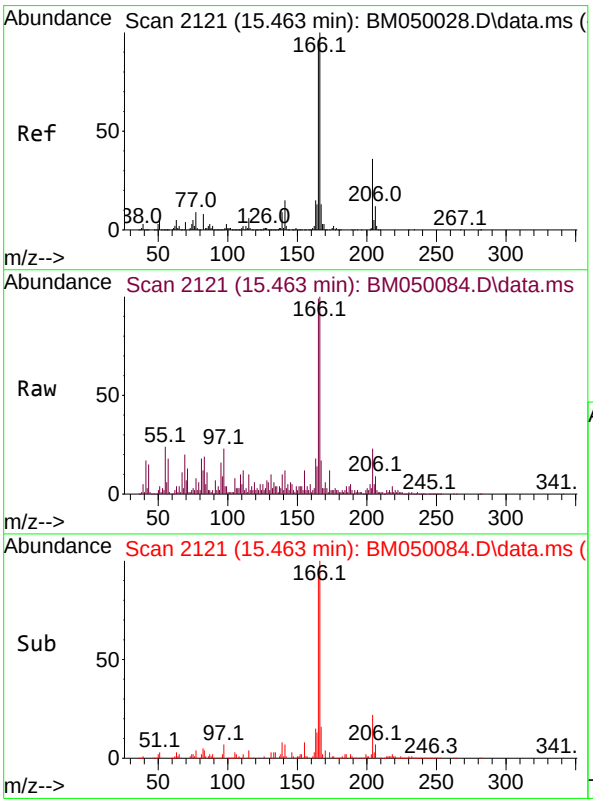
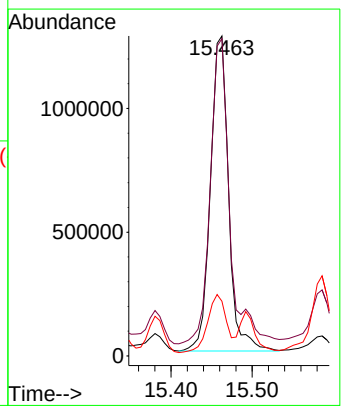


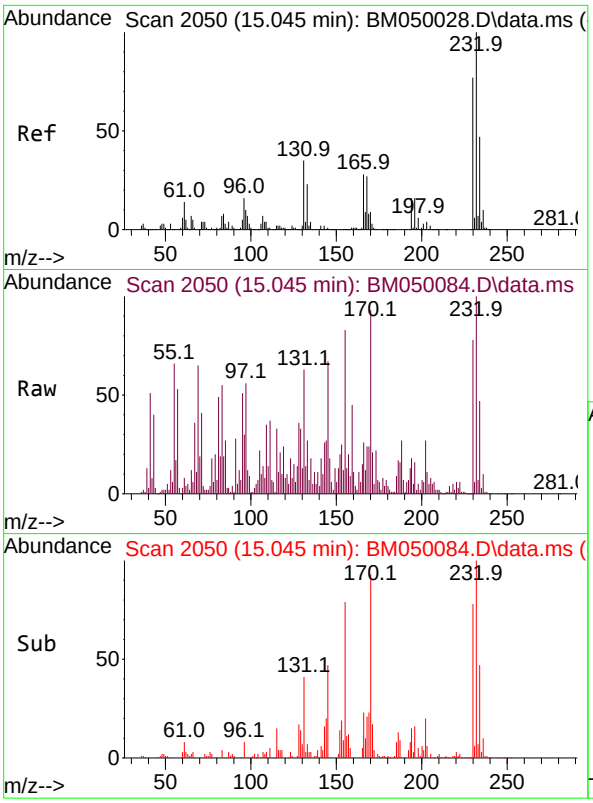


#58
Fluorene
Concen: 46.062 ng
RT: 15.463 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:166 Resp: 1978779

Ion	Ratio	Lower	Upper
166	100		
165	99.2	76.6	115.0
167	17.1	10.6	16.0#

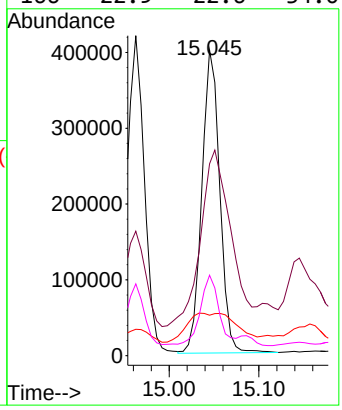




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.238 ng
RT: 15.045 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:232 Resp: 55634(

Ion	Ratio	Lower	Upper
232	100		
131	99.0	28.2	42.4#
130	12.6	1.5	2.3#
166	22.9	22.6	34.0



Instrument :
BNA_M
ClientSampleId :
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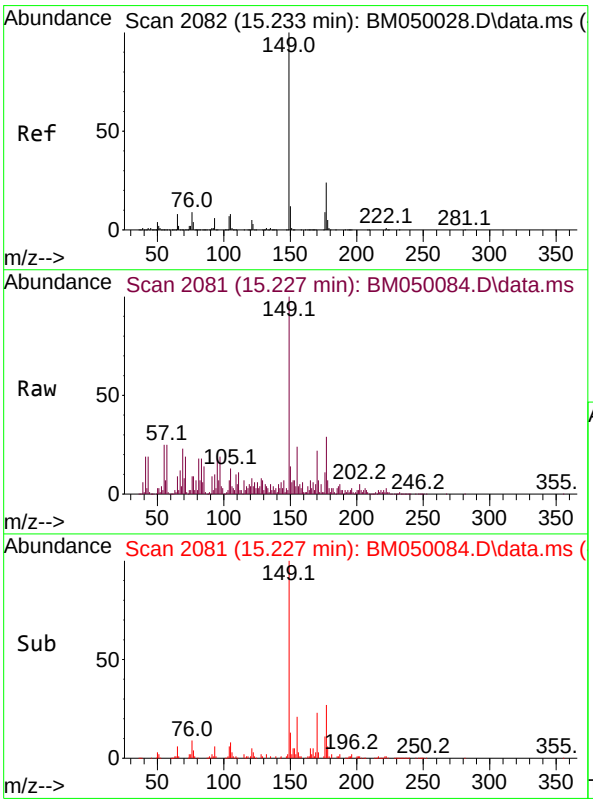
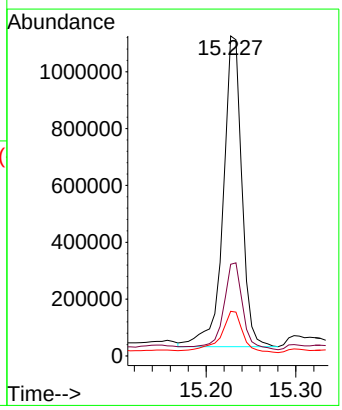
Supervised By :Jagrut Upadhyay 05/05/2025

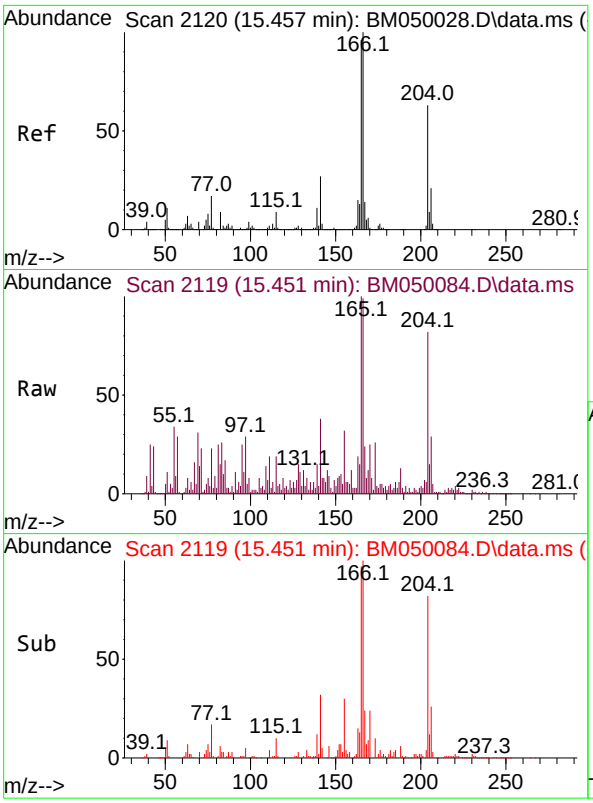


#60
Diethylphthalate
Concen: 39.043 ng
RT: 15.227 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:149 Resp: 1578439

Ion	Ratio	Lower	Upper
149	100		
177	28.6	19.1	28.7
150	14.0	9.6	14.4





#61
4-Chlorophenyl-phenylether
Concen: 40.860 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:204 Resp: 96413

Ion	Ratio	Lower	Upper
204	100		
206	35.5	26.3	39.5
141	46.4	34.0	51.0

Instrument :
BNA_M
ClientSampleId :
SS-8MSD

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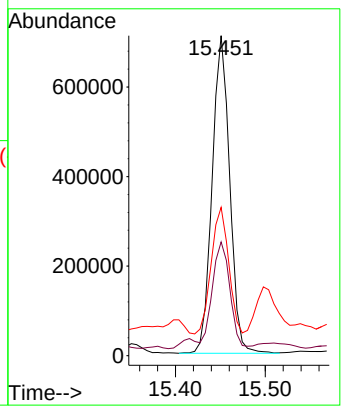
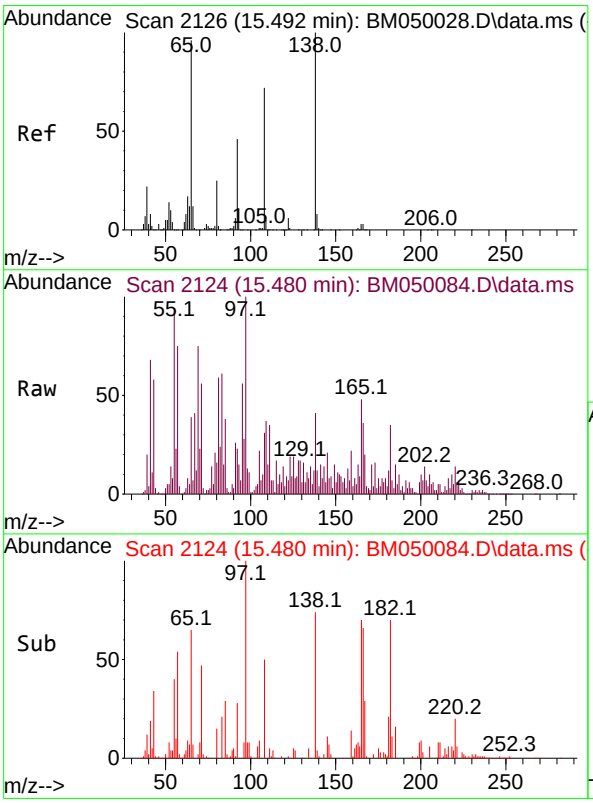
Supervised By :Jagrut Upadhyay 05/05/2025

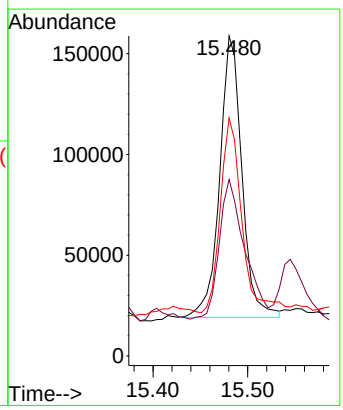


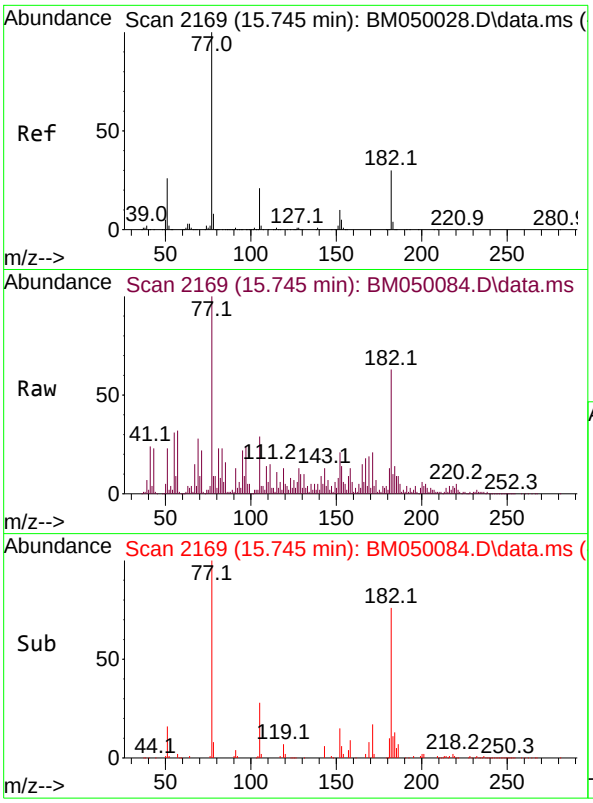


#62
4-Nitroaniline
Concen: 27.892 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:138 Resp: 228227

Ion	Ratio	Lower	Upper
138	100		
92	55.2	25.9	65.9
108	74.4	52.4	92.4

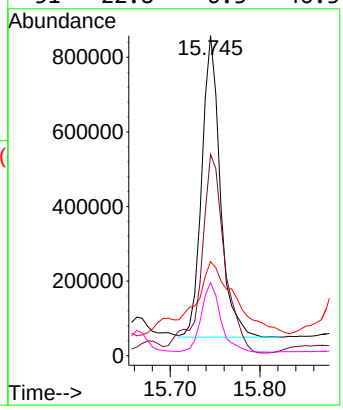




#63
Azobenzene
Concen: 34.113 ng
RT: 15.745 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion: 77 Resp: 115583

Ion	Ratio	Lower	Upper
77	100		
182	63.0	10.5	50.5#
105	29.4	1.1	41.1
51	22.8	6.3	46.3



Instrument :
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ClientSampleId :
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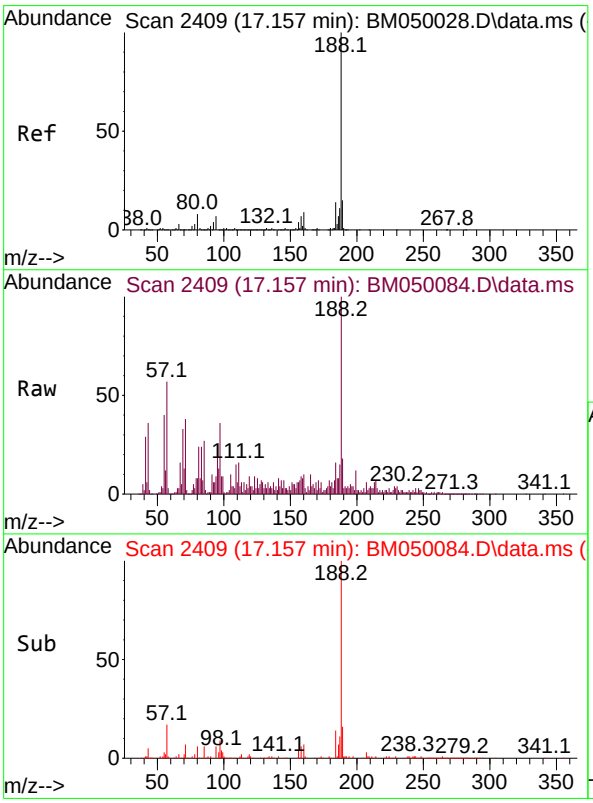
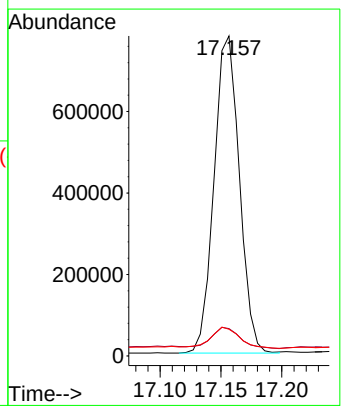
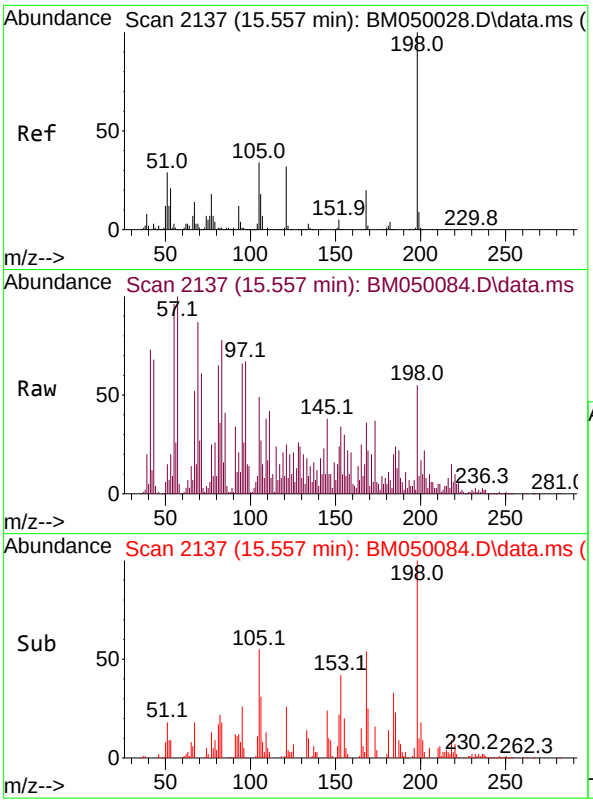


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:188 Resp: 1125283

Ion	Ratio	Lower	Upper
188	100		
94	8.6	5.7	8.5#
80	8.4	6.2	9.4

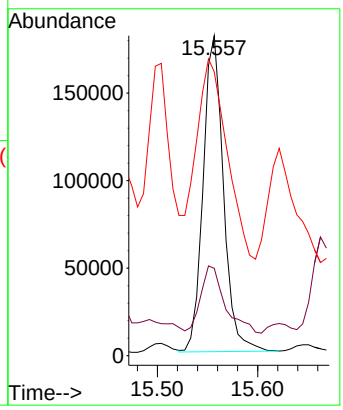




#65
4,6-Dinitro-2-methylphenol
Concen: 36.185 ng
RT: 15.557 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:198 Resp: 25488

Ion	Ratio	Lower	Upper
198	100		
51	27.3	10.4	50.4
105	88.7	14.6	54.6



Instrument :
BNA_M
ClientSampleId :
SS-8MSD

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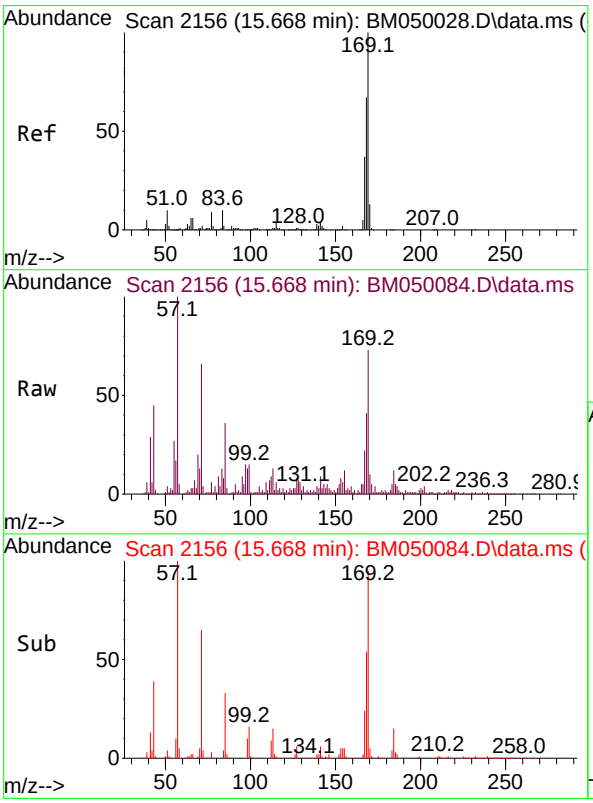
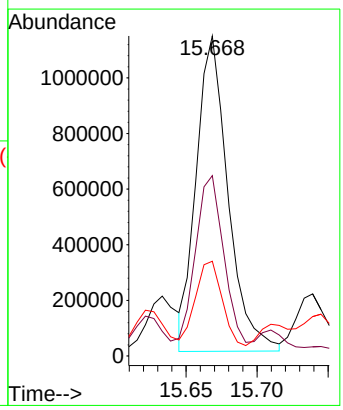
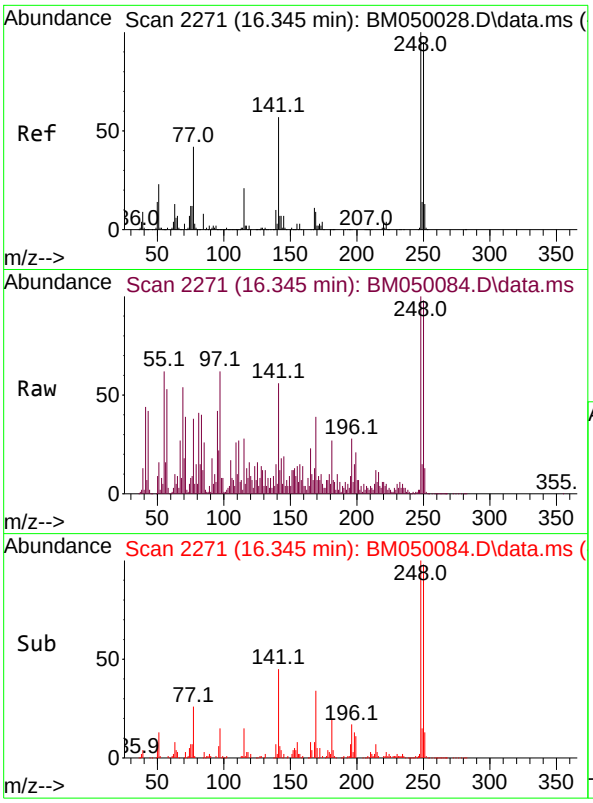


#66
n-Nitrosodiphenylamine
Concen: 51.053 ng
RT: 15.668 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:169 Resp: 1764120

Ion	Ratio	Lower	Upper
169	100		
168	56.4	53.4	80.2
167	29.6	29.4	44.0





#67
4-Bromophenyl-phenylether
Concen: 46.304 ng
RT: 16.345 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:248 Resp: 63008

Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.2	114.2
141	55.9	45.9	68.9

Instrument :
BNA_M
ClientSampleId :
SS-8MSD

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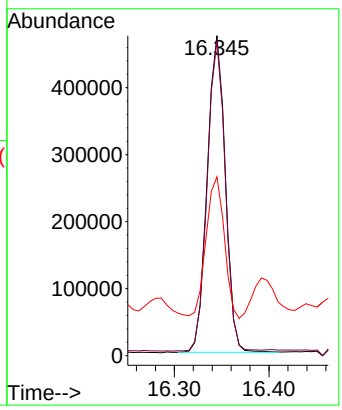
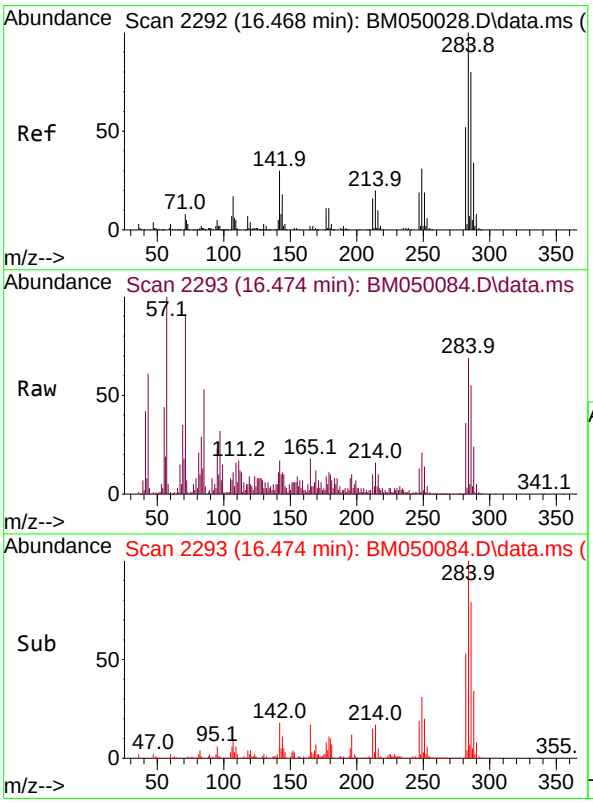
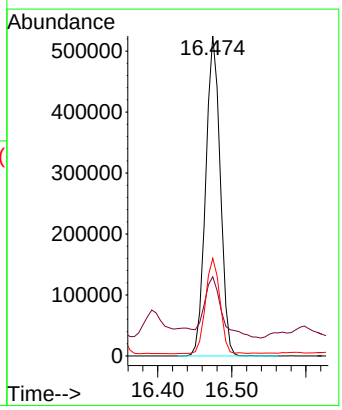


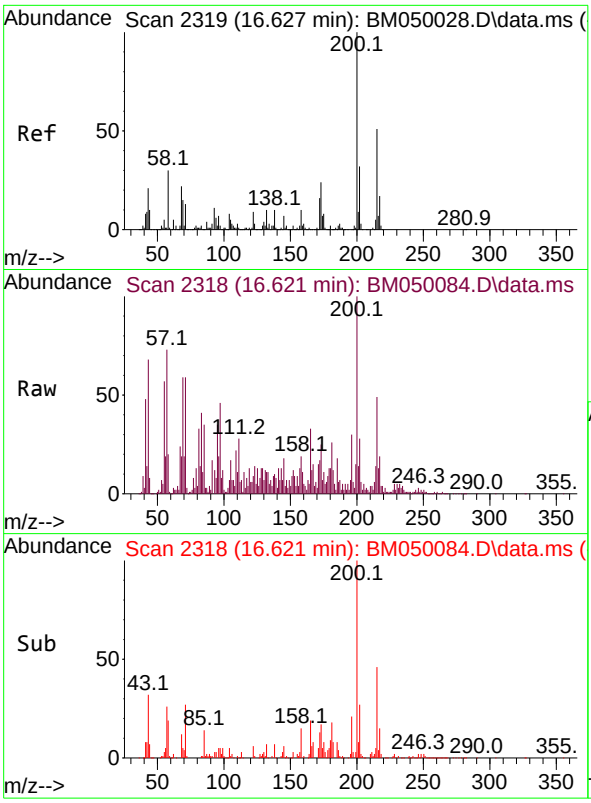


#68
Hexachlorobenzene
Concen: 45.617 ng
RT: 16.474 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:284 Resp: 715533

Ion	Ratio	Lower	Upper
284	100		
142	24.8	23.9	35.9
249	30.5	24.5	36.7

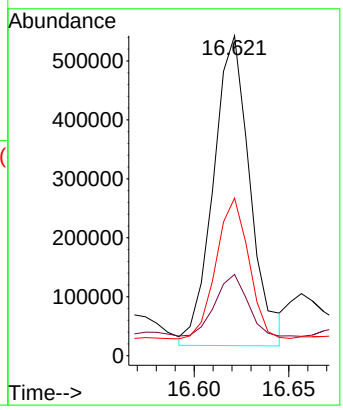




#69
Atrazine
Concen: 56.879 ng
RT: 16.621 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:200 Resp: 70894

Ion	Ratio	Lower	Upper
200	100		
173	25.4	4.3	44.3
215	49.3	30.6	70.6



Instrument :
BNA_M
ClientSampleId :
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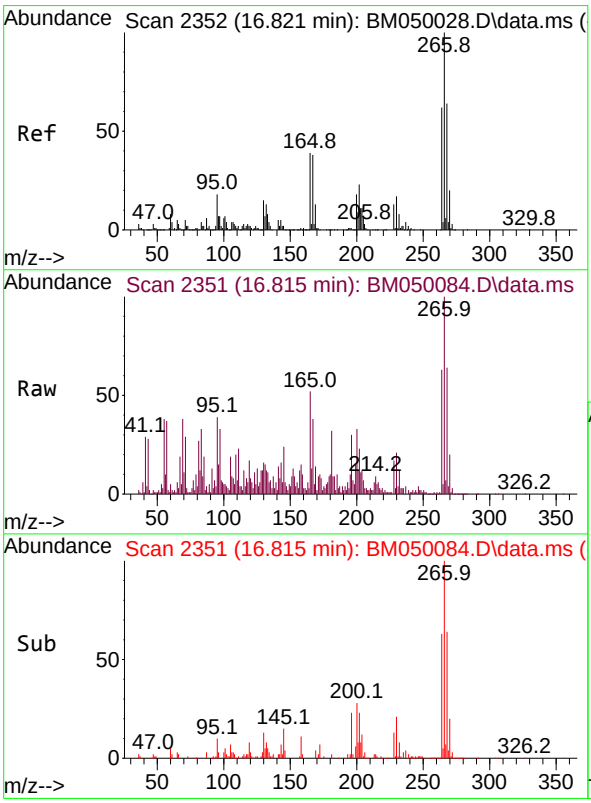
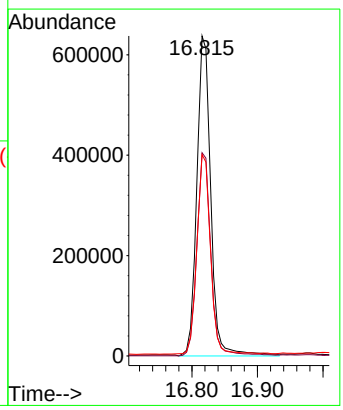
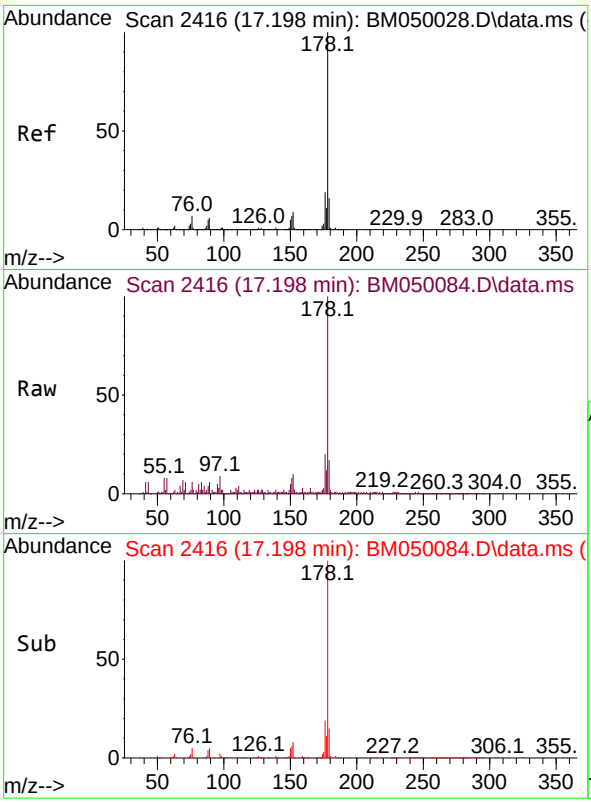


#70
Pentachlorophenol
Concen: 107.257 ng
RT: 16.815 min Scan# 2351
Delta R.T. -0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:266 Resp: 947009

Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.2	76.8
264	62.9	49.6	74.4

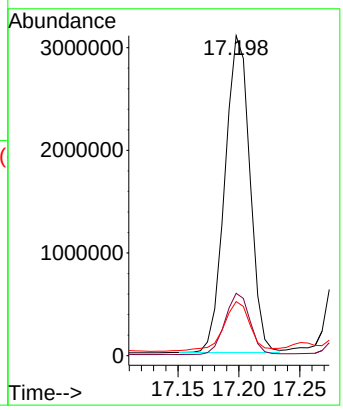




#71
Phenanthrene
Concen: 69.492 ng
RT: 17.198 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:178 Resp: 441045

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	16.9	12.4	18.6



Instrument :
BNA_M
ClientSampleId :
SS-8MSD

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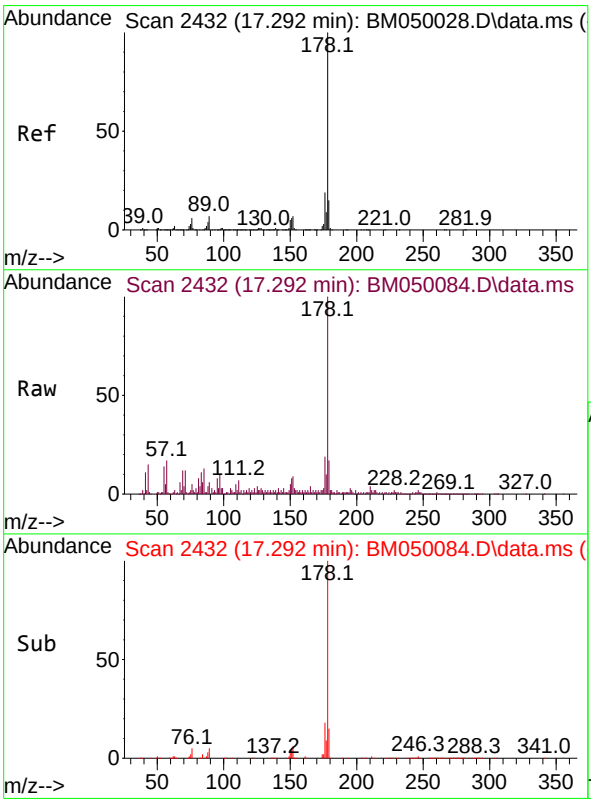
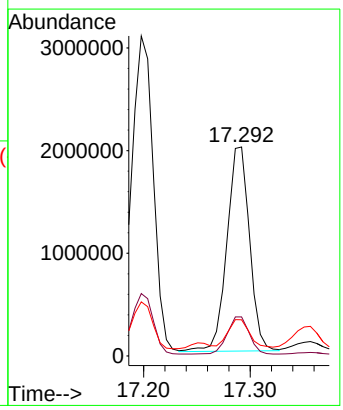
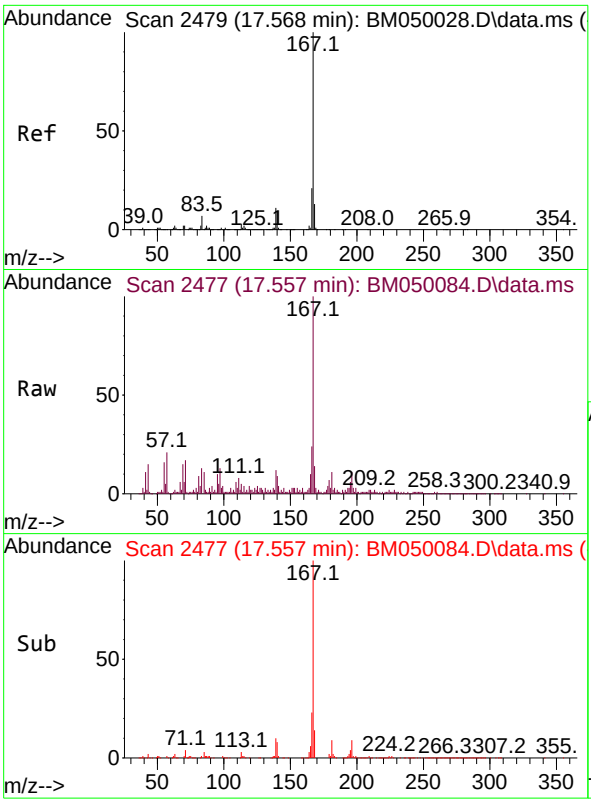


#72
Anthracene
Concen: 45.930 ng
RT: 17.292 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:178 Resp: 2950004

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	17.3	12.2	18.4

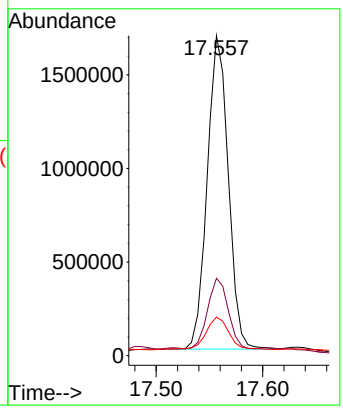




#73
Carbazole
Concen: 41.209 ng
RT: 17.557 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:167 Resp: 229674

Ion	Ratio	Lower	Upper
167	100		
166	24.2	17.2	25.8
139	12.1	9.0	13.6



Instrument :
BNA_M
ClientSampleId :
SS-8MSD

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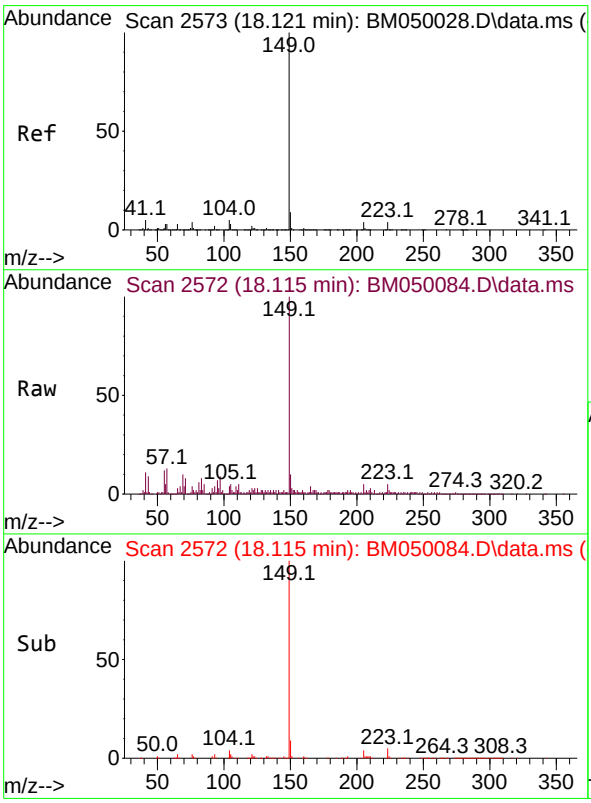
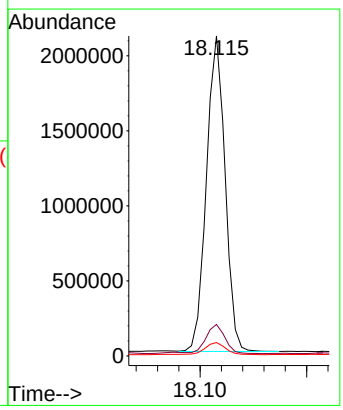
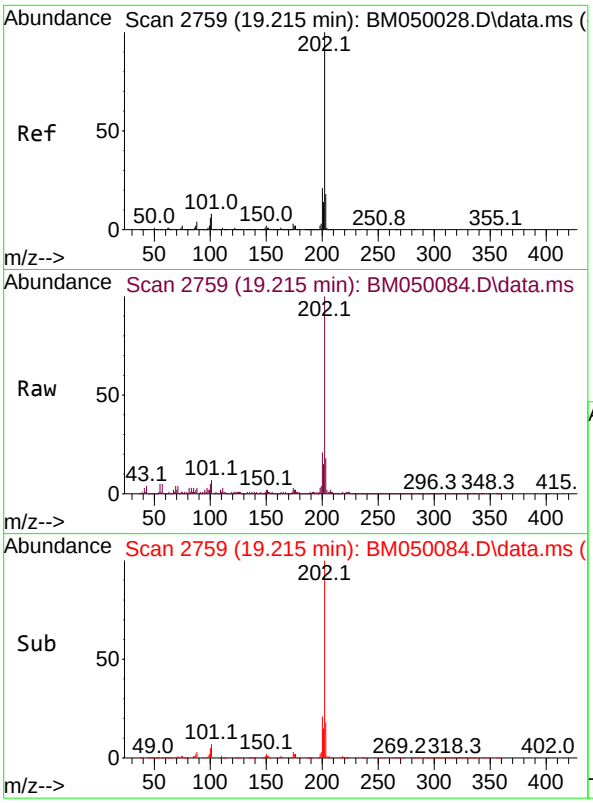


#74
Di-n-butylphthalate
Concen: 38.518 ng
RT: 18.115 min Scan# 2572
Delta R.T. -0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:149 Resp: 2556510

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.3	10.9
104	4.2	3.8	5.6





#75
Fluoranthene
Concen: 86.948 ng
RT: 19.215 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:202 Resp: 647887

Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	28.0
203	18.2	0.0	37.7

Instrument :
BNA_M
ClientSampleId :
SS-8MSD

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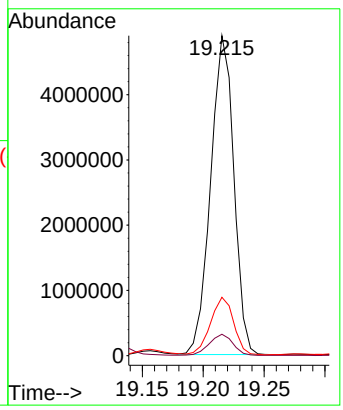
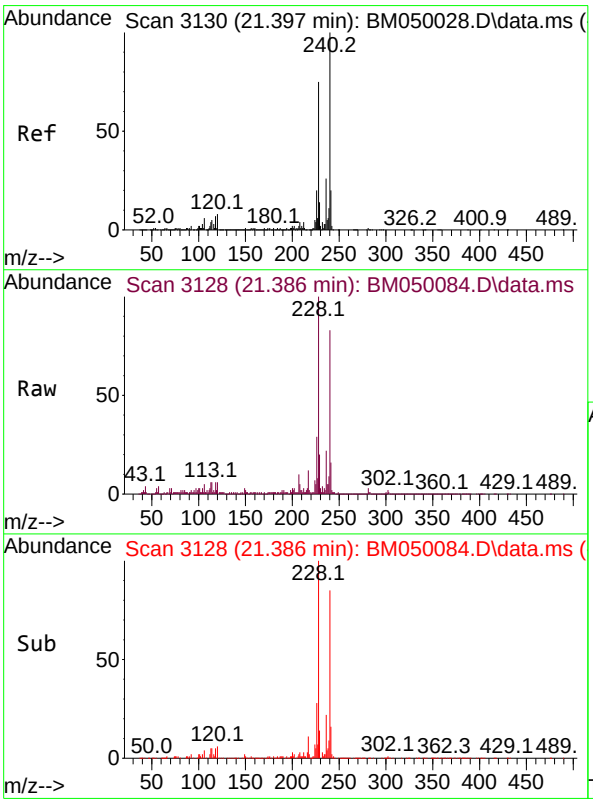
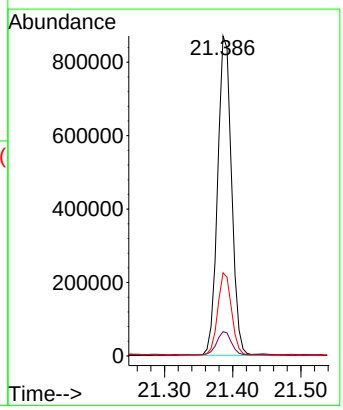


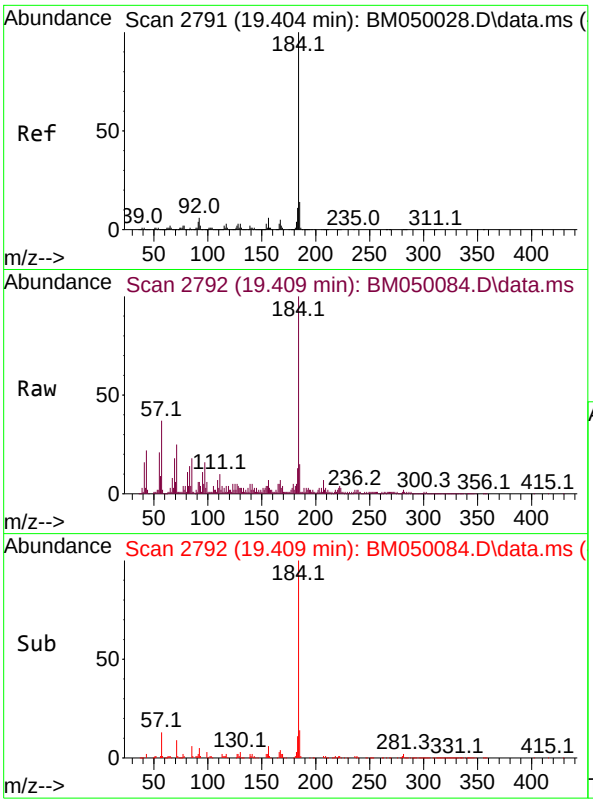


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:240 Resp: 1238341

Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.5	9.7
236	26.0	20.9	31.3

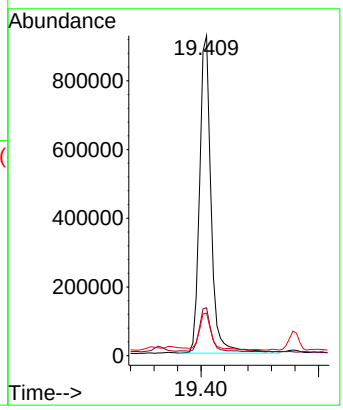




#77
Benzidine
Concen: 28.496 ng
RT: 19.409 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:184 Resp: 125346

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.5	17.3
183	13.3	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
SS-8MSD

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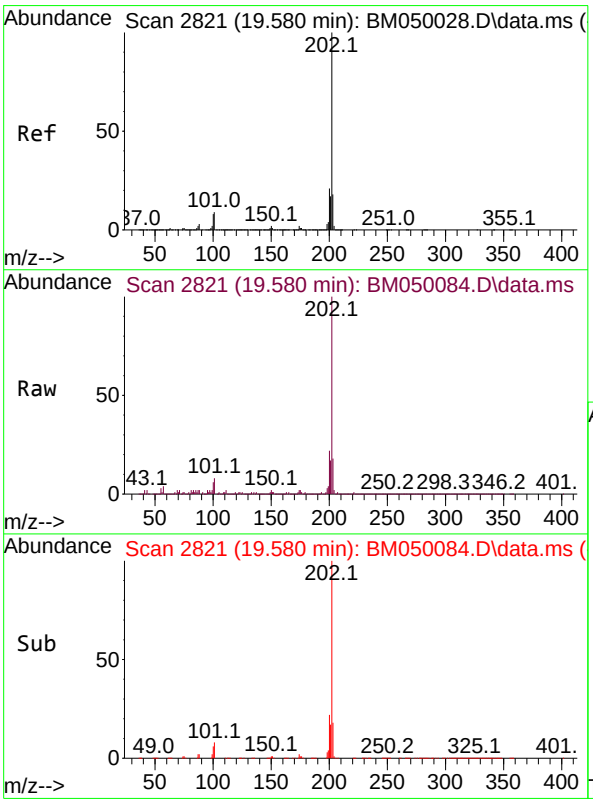
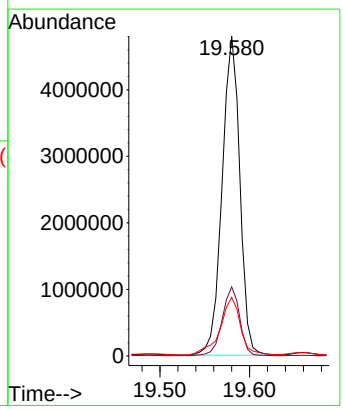
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

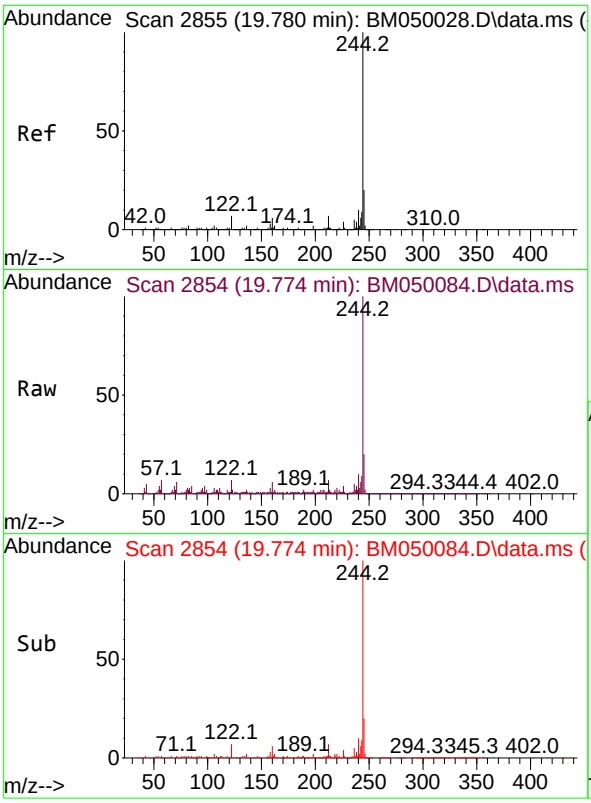


#78
Pyrene
Concen: 75.619 ng
RT: 19.580 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:202 Resp: 6575812

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.7	25.1
203	18.3	14.1	21.1





#79
Terphenyl-d14
Concen: 43.245 ng
RT: 19.774 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:244 Resp: 361905

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	7.0	5.6	8.4

Instrument :
BNA_M
ClientSampleId :
SS-8MSD

Manual Integrations
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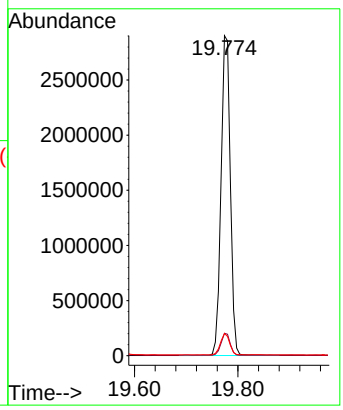
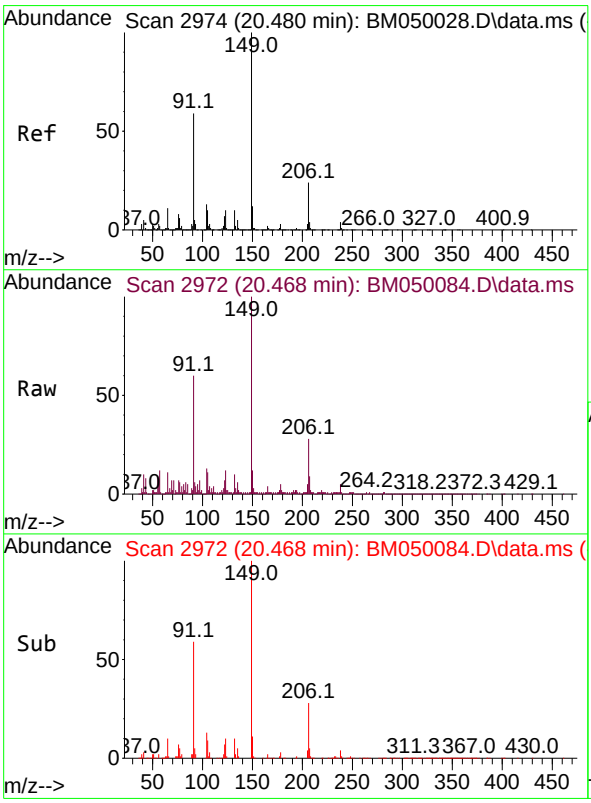
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

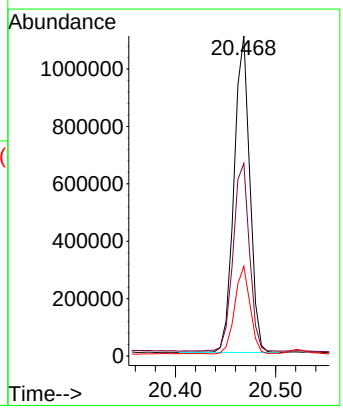


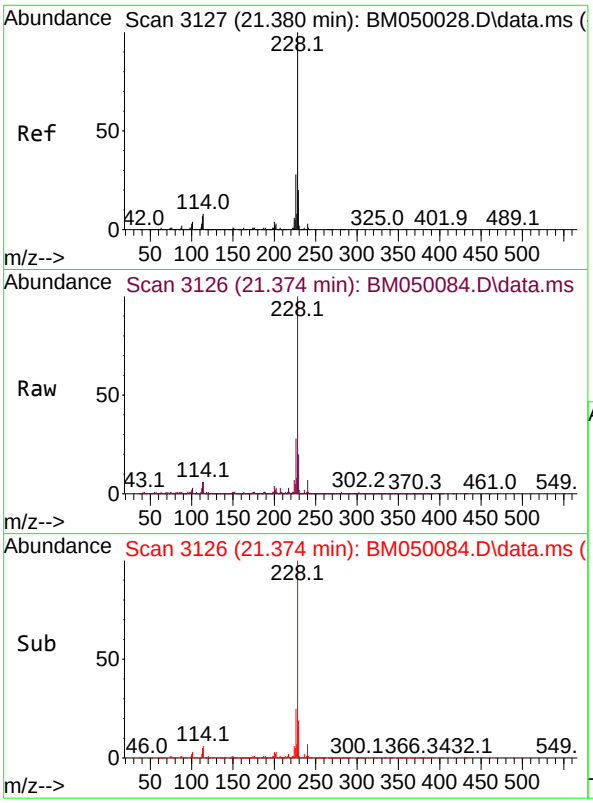


#80
Butylbenzylphthalate
Concen: 37.171 ng
RT: 20.468 min Scan# 2972
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:149 Resp: 1210644

Ion	Ratio	Lower	Upper
149	100		
91	60.1	47.4	71.2
206	28.0	19.4	29.0

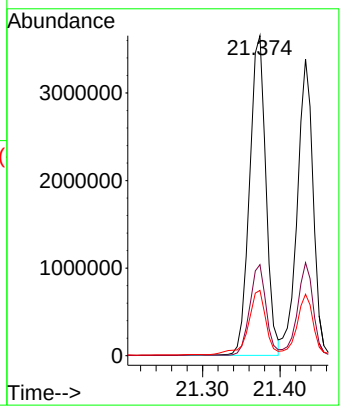




#81
Benzo(a)anthracene
Concen: 62.652 ng
RT: 21.374 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:228 Resp: 534264

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.1	33.1
229	20.4	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
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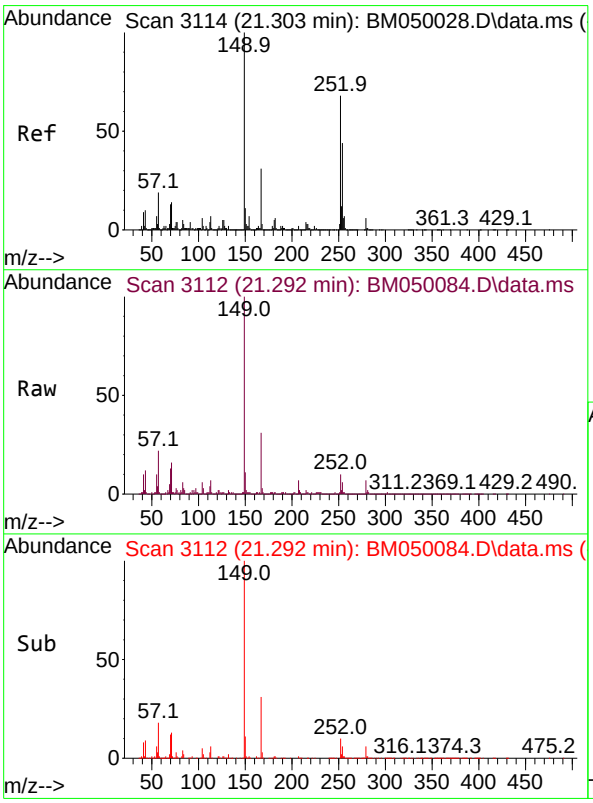
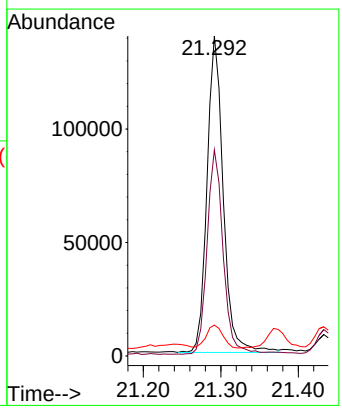
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

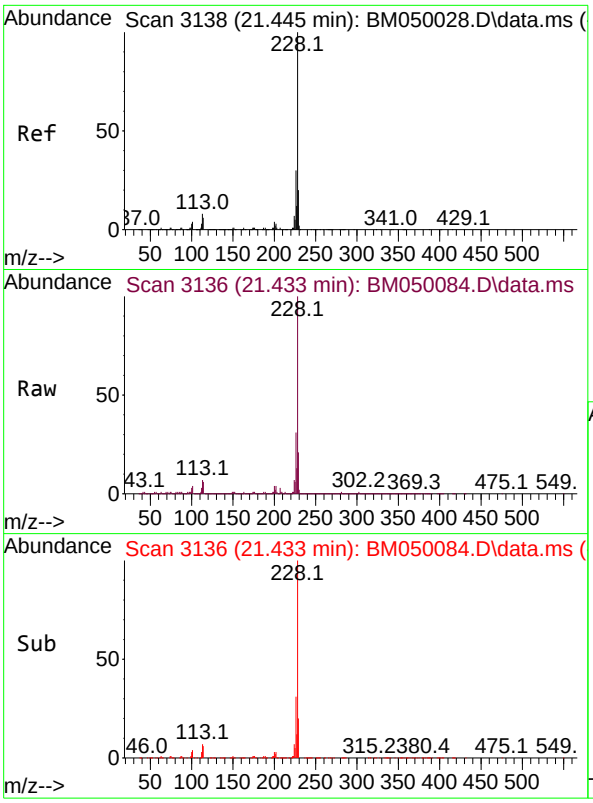


#82
3,3'-Dichlorobenzidine
Concen: 6.202 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:252 Resp: 202465

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.8	77.6
126	9.6	6.0	9.0#

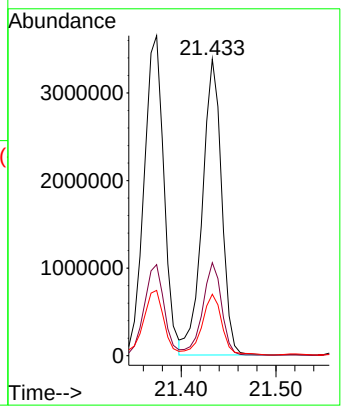




#83
Chrysene
Concen: 60.559 ng
RT: 21.433 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:228 Resp: 477954

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.2	36.2
229	20.7	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
SS-8MSD

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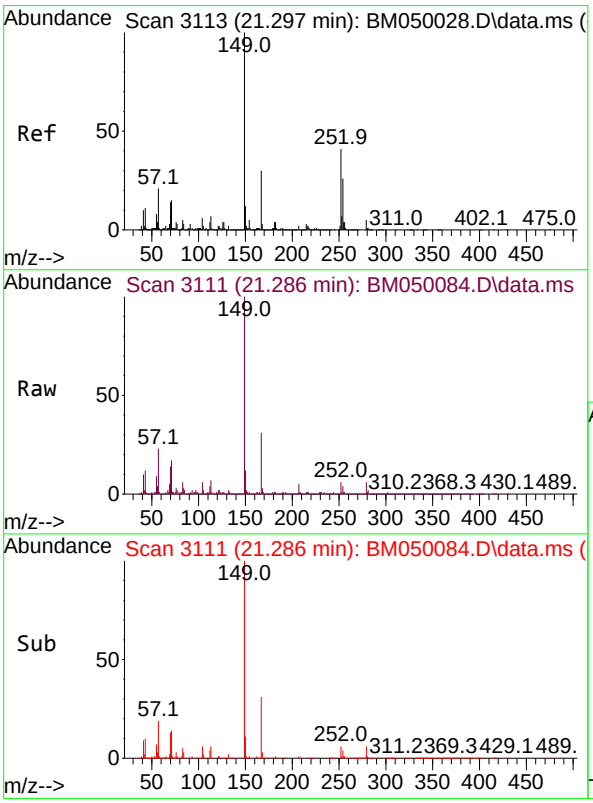
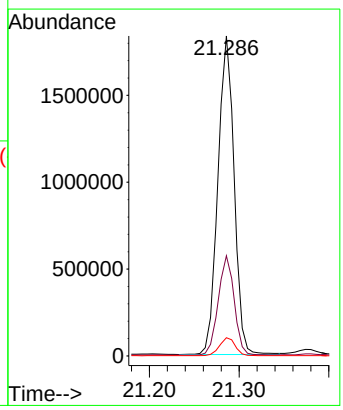
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

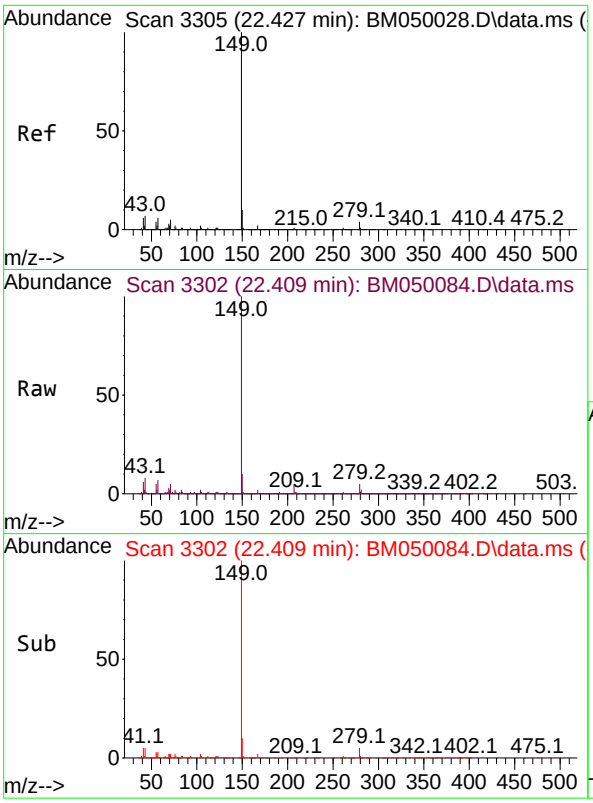


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.340 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:149 Resp: 2303036

Ion	Ratio	Lower	Upper
149	100		
167	31.3	24.1	36.1
279	5.7	3.9	5.9

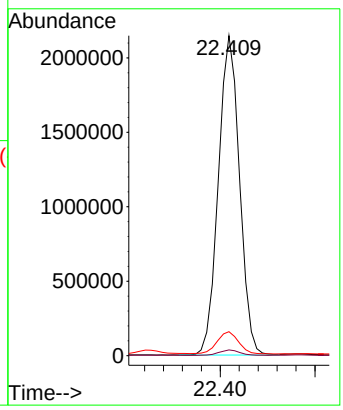




#85
Di-n-octyl phthalate
Concen: 41.500 ng
RT: 22.409 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:149 Resp: 332952

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.0	5.8	8.8



Instrument :
BNA_M
ClientSampleId :
SS-8MSD

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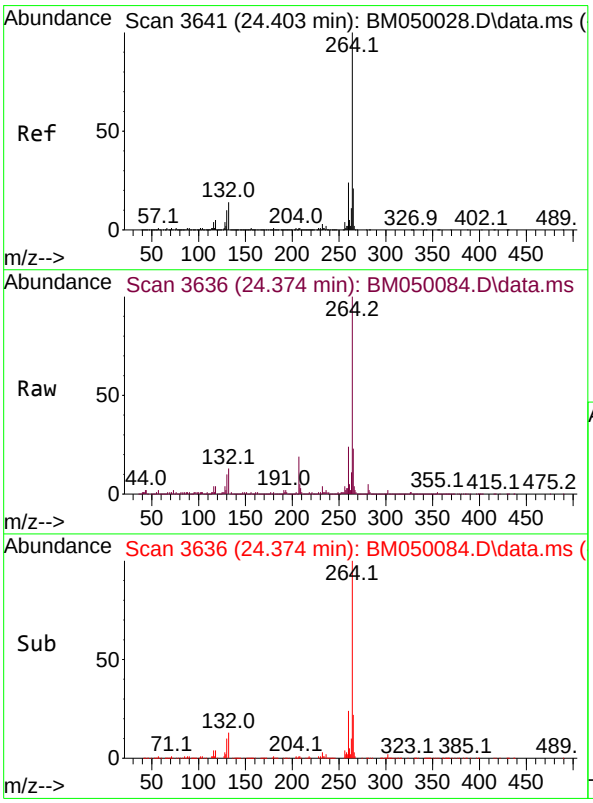
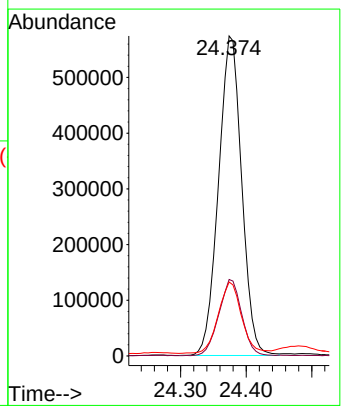
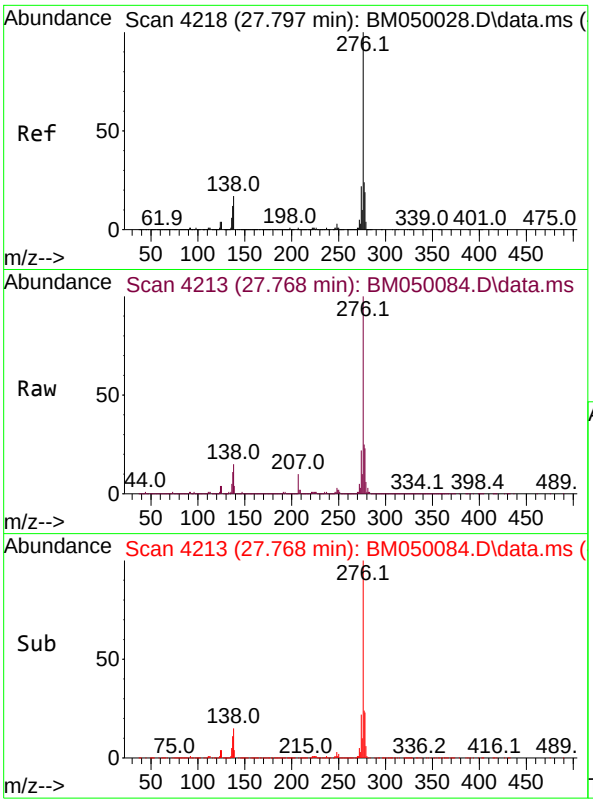


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.029 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:264 Resp: 1405067

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	23.1	17.0	25.4

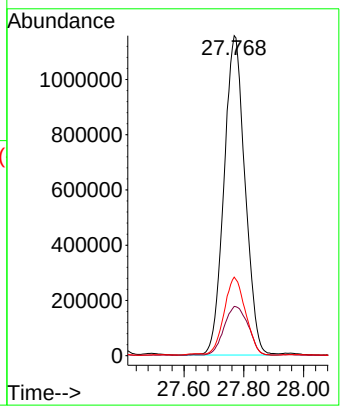




#87
Indeno(1,2,3-cd)pyrene
Concen: 53.858 ng
RT: 27.768 min Scan# 4
Delta R.T. -0.029 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:276 Resp: 563862

Ion	Ratio	Lower	Upper
276	100		
138	17.5	16.4	24.6
277	24.7	19.8	29.8



Instrument :
BNA_M
ClientSampleId :
SS-8MSD

Manual Integrations
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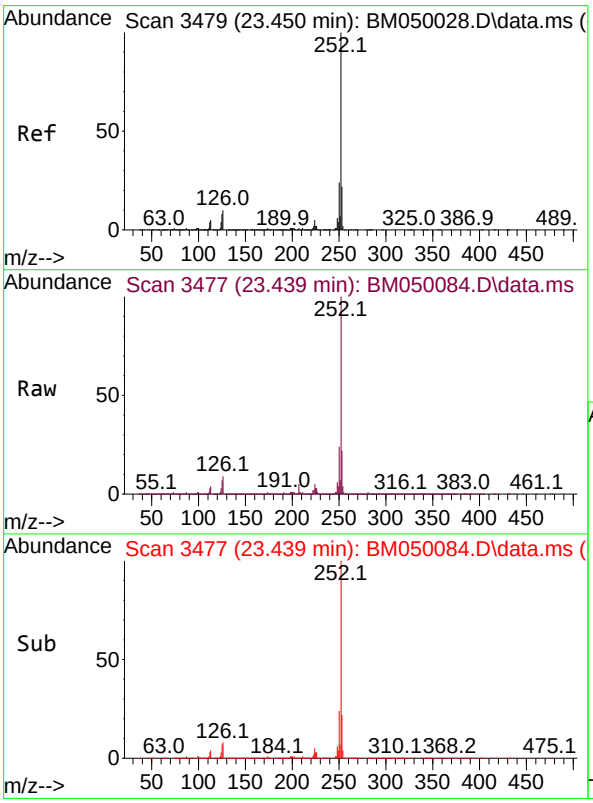
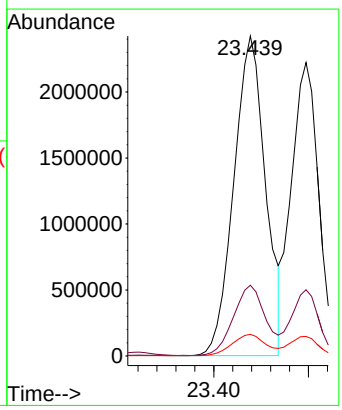
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

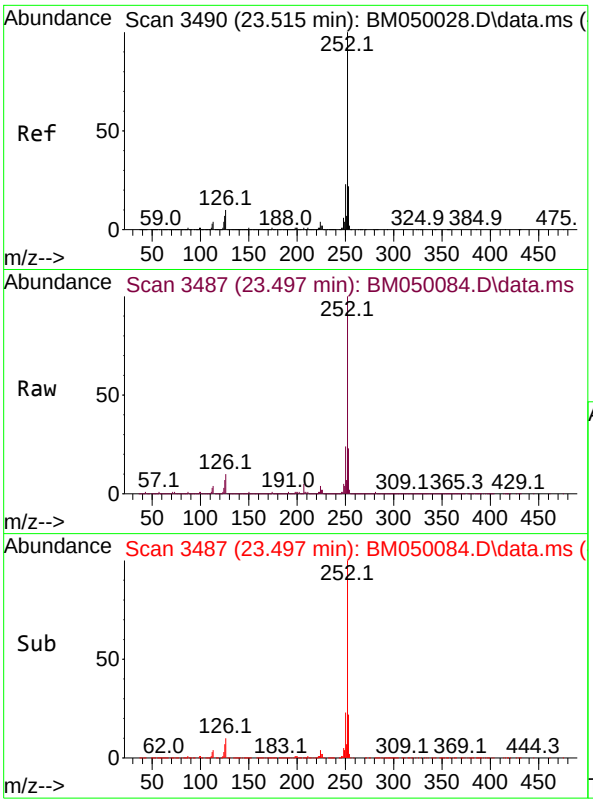


#88
Benzo(b)fluoranthene
Concen: 61.463 ng
RT: 23.439 min Scan# 3477
Delta R.T. -0.012 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:252 Resp: 5616233

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	6.8	6.1	9.1

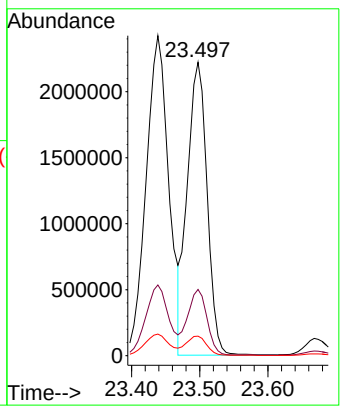




#89
Benzo(k)fluoranthene
Concen: 48.303 ng
RT: 23.497 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:252 Resp: 446465

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	6.6	5.8	8.8



Instrument :
BNA_M
ClientSampleId :
SS-8MSD

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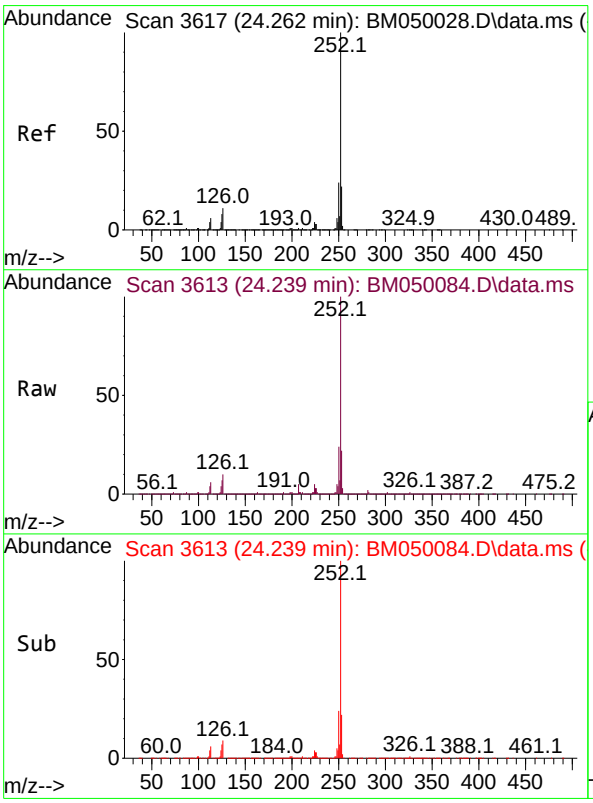
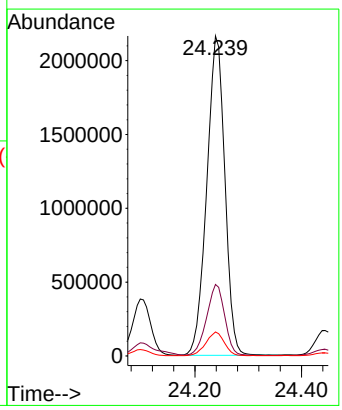
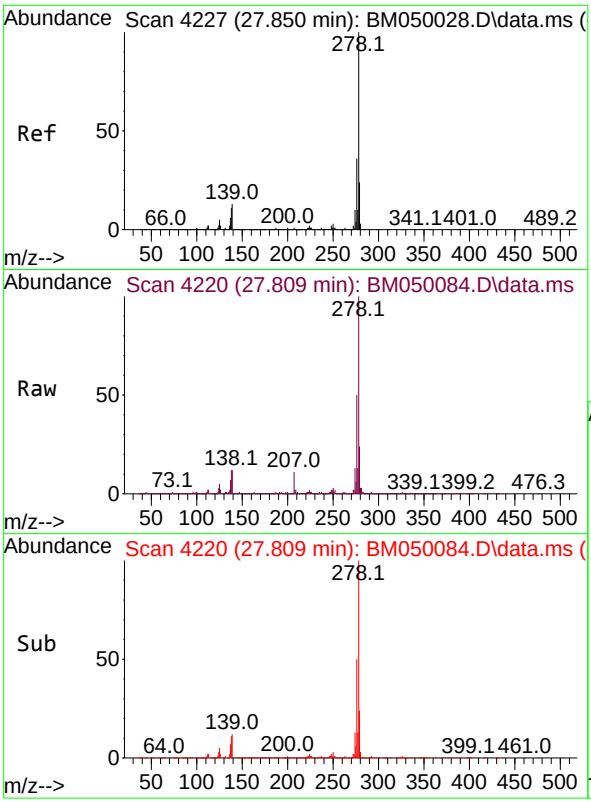


#90
Benzo(a)pyrene
Concen: 59.484 ng
RT: 24.239 min Scan# 3613
Delta R.T. -0.023 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:252 Resp: 5090825

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	7.5	6.6	9.8

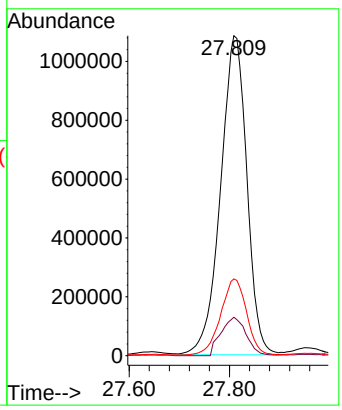




#91
Dibenzo(a,h)anthracene
Concen: 46.241 ng
RT: 27.809 min Scan# 4
Delta R.T. -0.041 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:278 Resp: 394636

Ion	Ratio	Lower	Upper
278	100		
139	12.0	10.5	15.7
279	24.0	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
SS-8MSD

Manual Integrations
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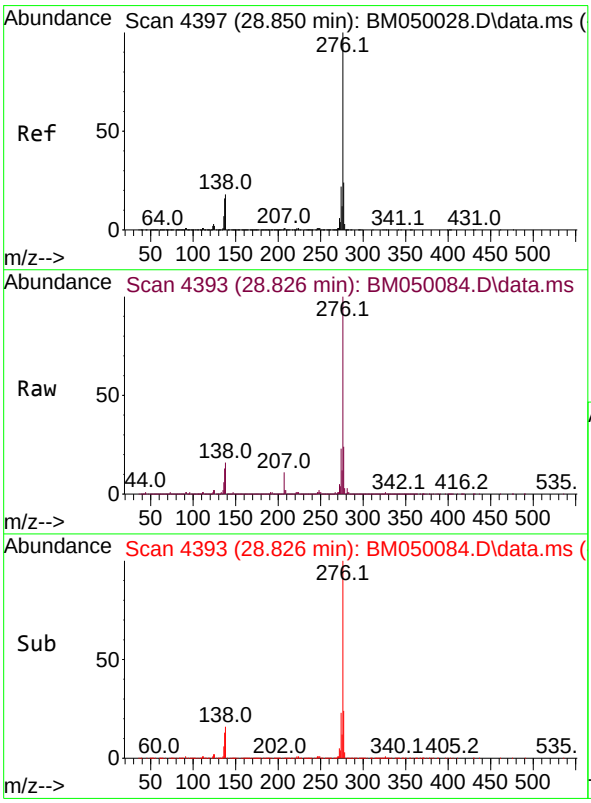
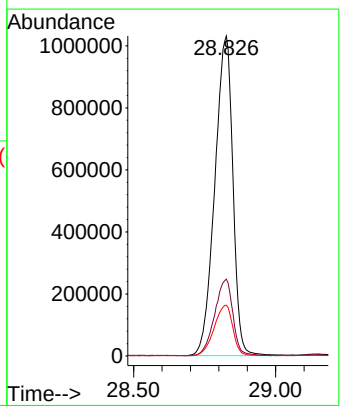


#92
Benzo(g,h,i)perylene
Concen: 55.695 ng
RT: 28.826 min Scan# 4393
Delta R.T. -0.023 min
Lab File: BM050084.D
Acq: 02 May 2025 14:00

Tgt Ion:276 Resp: 4550609

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	15.9	14.3	21.5



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Manual Integration Report

Sequence:	BF043025	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF142240.D	2,3,4,6-Tetrachlorophenol	Rahul	5/1/2025 11:26:17 AM	Jagrut	5/1/2025 1:17:43 PM	Peak Integrated by Software
SSTDICC020	BF142242.D	Benzoic acid	Rahul	5/1/2025 11:26:23 AM	Jagrut	5/1/2025 1:17:45 PM	Peak Integrated by Software
SSTDICCC040	BF142243.D	Benzoic acid	Rahul	5/1/2025 11:26:25 AM	Jagrut	5/1/2025 1:17:48 PM	Peak Integrated by Software
SSTDICC050	BF142244.D	Phenol	Rahul	5/1/2025 11:26:27 AM	Jagrut	5/1/2025 1:17:50 PM	Peak Integrated by Software
SSTDICC060	BF142245.D	Phenol	Rahul	5/1/2025 11:26:30 AM	Jagrut	5/1/2025 1:17:52 PM	Peak Integrated by Software
SSTDICC080	BF142246.D	Benzoic acid	Rahul	5/1/2025 11:26:33 AM	Jagrut	5/1/2025 1:17:55 PM	Peak Integrated by Software
SSTDICC080	BF142246.D	Phenol	Rahul	5/1/2025 11:26:33 AM	Jagrut	5/1/2025 1:17:55 PM	Peak Integrated by Software
SSTDICV040	BF142247.D	Benzoic acid	Rahul	5/1/2025 11:26:36 AM	Jagrut	5/1/2025 1:17:57 PM	Peak Integrated by Software
SSTDICV040	BF142247.D	Phenol	Rahul	5/1/2025 11:26:36 AM	Jagrut	5/1/2025 1:17:57 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bf050125	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF142250.D	Benzoic acid	Rahul	5/2/2025 10:45:14 AM	Jagrut	5/2/2025 4:47:49 PM	Peak Integrated by Software
SSTDCCC040	BF142250.D	Phenol	Rahul	5/2/2025 10:45:14 AM	Jagrut	5/2/2025 4:47:49 PM	Peak Integrated by Software
PB167798BS	BF142252.D	Benzoic acid	Rahul	5/2/2025 10:45:18 AM	Jagrut	5/2/2025 4:47:51 PM	Peak Integrated by Software
PB167798BS	BF142252.D	Caprolactam	Rahul	5/2/2025 10:45:18 AM	Jagrut	5/2/2025 4:47:51 PM	Peak Integrated by Software
PB167798BS	BF142252.D	Phenol	Rahul	5/2/2025 10:45:18 AM	Jagrut	5/2/2025 4:47:51 PM	Peak Integrated by Software
PB167798BSD	BF142253.D	Benzoic acid	Rahul	5/2/2025 10:45:22 AM	Jagrut	5/2/2025 4:47:54 PM	Peak Integrated by Software
PB167798BSD	BF142253.D	Caprolactam	Rahul	5/2/2025 10:45:22 AM	Jagrut	5/2/2025 4:47:54 PM	Peak Integrated by Software
PB167798BSD	BF142253.D	Phenol	Rahul	5/2/2025 10:45:22 AM	Jagrut	5/2/2025 4:47:54 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BM042825	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BM050025.D	4-Nitroaniline	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC005	BM050025.D	Benzaldehyde	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC005	BM050025.D	Benzo(k)fluoranthene	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC005	BM050025.D	Caprolactam	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC010	BM050026.D	4-Nitroaniline	Rahul	4/29/2025 8:55:07 AM	Jagrut	4/29/2025 11:57:13 AM	Peak Integrated by Software
SSTDICC010	BM050026.D	Benzaldehyde	Rahul	4/29/2025 8:55:07 AM	Jagrut	4/29/2025 11:57:13 AM	Peak Integrated by Software
SSTDICC010	BM050026.D	Benzoic acid	Rahul	4/29/2025 8:55:07 AM	Jagrut	4/29/2025 11:57:13 AM	Peak Integrated by Software
SSTDICC020	BM050027.D	Benzoic acid	Rahul	4/29/2025 8:55:10 AM	Jagrut	4/29/2025 11:57:15 AM	Peak Integrated by Software
SSTDICV040	BM050032.D	Benzaldehyde	Rahul	4/29/2025 8:55:13 AM	Jagrut	4/29/2025 11:57:18 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bm050125	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1914-05	BM050072.D	Benzo(k)fluoranthene	Rahul	5/2/2025 10:53:58 AM	Jagrut	5/2/2025 4:56:43 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	Bm050225	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1914-09	BM050082.D	1-Methylnaphthalene	Rahul	5/5/2025 11:30:07 AM	Jagrut	5/5/2025 11:50:36 AM	Peak Integrated by Software
Q1914-09	BM050082.D	Anthracene	Rahul	5/5/2025 11:30:07 AM	Jagrut	5/5/2025 11:50:36 AM	Peak Integrated by Software
Q1914-09	BM050082.D	Benzo(k)fluoranthene	Rahul	5/5/2025 11:30:07 AM	Jagrut	5/5/2025 11:50:36 AM	Peak Integrated by Software
Q1914-10MS	BM050083.D	Caprolactam	Rahul	5/5/2025 11:30:10 AM	Jagrut	5/5/2025 11:50:38 AM	Peak Integrated by Software
Q1914-11MSD	BM050084.D	Caprolactam	Rahul	5/5/2025 11:30:14 AM	Jagrut	5/5/2025 11:50:43 AM	Peak Integrated by Software
Q1914-08	BM050089.D	1-Methylnaphthalene	Rahul	5/5/2025 11:30:22 AM	Jagrut	5/5/2025 11:50:50 AM	Peak Integrated by Software
Q1914-08	BM050089.D	Benzo(k)fluoranthene	Rahul	5/5/2025 11:30:22 AM	Jagrut	5/5/2025 11:50:50 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BM050525	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1914-04	BM050107.D	Benzo(k)fluoranthene	Rahul	5/6/2025 9:56:39 AM	Jagrut	5/6/2025 10:52:10 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bp041425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP024276.D	Benzaldehyde	Rahul	4/15/2025 9:45:41 AM	Jagrut	4/15/2025 10:52:38 AM	Peak Integrated by Software
SSTDICC005	BP024276.D	Benzidine	Rahul	4/15/2025 9:45:41 AM	Jagrut	4/15/2025 10:52:38 AM	Peak Integrated by Software
SSTDICC010	BP024277.D	Benzaldehyde	Rahul	4/15/2025 9:46:12 AM	Jagrut	4/15/2025 10:52:41 AM	Peak Integrated by Software
SSTDICC010	BP024277.D	Benzoic acid	Rahul	4/15/2025 9:46:12 AM	Jagrut	4/15/2025 10:52:41 AM	Peak Integrated by Software
SSTDICC020	BP024278.D	Benzoic acid	Rahul	4/15/2025 9:46:28 AM	Jagrut	4/15/2025 10:52:44 AM	Peak Integrated by Software
SSTDICC050	BP024280.D	Indeno(1,2,3-cd)pyrene	Rahul	4/15/2025 9:47:02 AM	Jagrut	4/15/2025 10:52:46 AM	Peak Integrated by Software
SSTDICC050	BP024280.D	Pyridine	Rahul	4/15/2025 9:47:02 AM	Jagrut	4/15/2025 10:52:46 AM	Peak Integrated by Software
SSTDICC060	BP024281.D	Benzoic acid	Rahul	4/15/2025 9:47:31 AM	Jagrut	4/15/2025 10:52:48 AM	Peak Integrated by Software
SSTDICC060	BP024281.D	Indeno(1,2,3-cd)pyrene	Rahul	4/15/2025 9:47:31 AM	Jagrut	4/15/2025 10:52:48 AM	Peak Integrated by Software
SSTDICC060	BP024281.D	Pyridine	Rahul	4/15/2025 9:47:31 AM	Jagrut	4/15/2025 10:52:48 AM	Peak Integrated by Software
SSTDICC080	BP024282.D	Benzidine	Rahul	4/15/2025 9:48:04 AM	Jagrut	4/15/2025 10:52:51 AM	Peak Integrated by Software
SSTDICC080	BP024282.D	Benzoic acid	Rahul	4/15/2025 9:48:04 AM	Jagrut	4/15/2025 10:52:51 AM	Peak Integrated by Software
SSTDICC080	BP024282.D	Pyridine	Rahul	4/15/2025 9:48:04 AM	Jagrut	4/15/2025 10:52:51 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bp041425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICV040	BP024283.D	Indeno(1,2,3-cd)pyrene	Rahul	4/15/2025 9:50:13 AM	Jagrut	4/15/2025 10:52:54 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP050225	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1914-07	BP024520.D	Anthracene	Rahul	5/5/2025 10:11:52 AM	Jagrut	5/5/2025 11:49:50 AM	Peak Integrated by Software
Q1914-07	BP024520.D	Benzo(a)pyrene	Rahul	5/5/2025 10:11:52 AM	Jagrut	5/5/2025 11:49:50 AM	Peak Integrated by Software
Q1914-07	BP024520.D	Benzo(b)fluoranthene	Rahul	5/5/2025 10:11:52 AM	Jagrut	5/5/2025 11:49:50 AM	Peak Integrated by Software
Q1914-07	BP024520.D	Benzo(k)fluoranthene	Rahul	5/5/2025 10:11:52 AM	Jagrut	5/5/2025 11:49:50 AM	Peak Integrated by Software
Q1914-07	BP024520.D	Dibenzo(a,h)anthracene	Rahul	5/5/2025 10:11:52 AM	Jagrut	5/5/2025 11:49:50 AM	Peak Integrated by Software

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF043025

Review By	Rahul	Review On	5/1/2025 1:20:20 PM		
Supervise By	Jagrut	Supervise On	5/1/2025 1:23:08 PM		
SubDirectory	BF043025	HP Acquire Method	BNA_F	HP Processing Method	BF043025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142238.D	30 Apr 2025 10:55	RC/JU	Ok
2	SSTDICC2.5	BF142239.D	30 Apr 2025 11:24	RC/JU	Ok
3	SSTDICC005	BF142240.D	30 Apr 2025 11:52	RC/JU	Ok,M
4	SSTDICC010	BF142241.D	30 Apr 2025 12:20	RC/JU	Ok
5	SSTDICC020	BF142242.D	30 Apr 2025 12:49	RC/JU	Ok,M
6	SSTDICCC040	BF142243.D	30 Apr 2025 13:17	RC/JU	Ok,M
7	SSTDICC050	BF142244.D	30 Apr 2025 13:46	RC/JU	Ok,M
8	SSTDICC060	BF142245.D	30 Apr 2025 14:15	RC/JU	Ok,M
9	SSTDICC080	BF142246.D	30 Apr 2025 14:43	RC/JU	Ok,M
10	SSTDICV040	BF142247.D	30 Apr 2025 16:17	RC/JU	Ok,M
11	PB167726BL	BF142248.D	30 Apr 2025 17:15	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF050125

Review By	Rahul	Review On	5/2/2025 10:46:38 AM				
Supervise By	Jagrut	Supervise On	5/2/2025 4:49:12 PM				
SubDirectory	BF050125	HP Acquire Method	BNA_F		HP Processing Method	BF043025	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142249.D	01 May 2025 09:48	RC/JU	Ok
2	SSTDCCC040	BF142250.D	01 May 2025 10:17	RC/JU	Ok,M
3	PB167798BL	BF142251.D	01 May 2025 10:45	RC/JU	Ok
4	PB167798BS	BF142252.D	01 May 2025 11:13	RC/JU	Ok,M
5	PB167798BSD	BF142253.D	01 May 2025 11:42	RC/JU	Ok,M
6	PB167810BL	BF142254.D	01 May 2025 12:10	RC/JU	Ok
7	PB167810BS	BF142255.D	01 May 2025 12:39	RC/JU	Ok,M
8	PB167774TB	BF142256.D	01 May 2025 13:07	RC/JU	Ok
9	Q1890-01	BF142257.D	01 May 2025 13:40	RC/JU	Ok
10	Q1920-01	BF142258.D	01 May 2025 14:09	RC/JU	Ok,M
11	Q1914-14	BF142259.D	01 May 2025 14:37	RC/JU	Ok
12	Q1913-04	BF142260.D	01 May 2025 15:06	RC/JU	Ok
13	Q1915-01	BF142261.D	01 May 2025 15:34	RC/JU	Ok
14	Q1903-01	BF142262.D	01 May 2025 16:03	RC/JU	Ok
15	Q1903-02	BF142263.D	01 May 2025 16:31	RC/JU	Ok
16	Q1903-03	BF142264.D	01 May 2025 17:00	RC/JU	Ok
17	Q1906-01	BF142265.D	01 May 2025 17:29	RC/JU	Ok
18	Q1906-13	BF142266.D	01 May 2025 17:57	RC/JU	Ok
19	Q1901-06	BF142267.D	01 May 2025 18:26	RC/JU	Ok
20	Q1901-02	BF142268.D	01 May 2025 18:55	RC/JU	Ok,M
21	Q1901-02MS	BF142269.D	01 May 2025 19:24	RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF050125

Review By	Rahul	Review On	5/2/2025 10:46:38 AM				
Supervise By	Jagrut	Supervise On	5/2/2025 4:49:12 PM				
SubDirectory	BF050125	HP Acquire Method	BNA_F		HP Processing Method	BF043025	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1901-02MSD	BF142270.D	01 May 2025 19:52	RC/JU	Ok,M
23	Q1901-04	BF142271.D	01 May 2025 20:20	RC/JU	Ok
24	Q1901-05	BF142272.D	01 May 2025 20:49	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM042825

Review By	Rahul	Review On	4/29/2025 8:56:26 AM				
Supervise By	Jagrut	Supervise On	4/29/2025 11:57:30 AM				
SubDirectory	BM042825	HP Acquire Method	BNA_M		HP Processing Method	BM042825	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050023.D	28 Apr 2025 11:46	RC/JU	Ok
2	SSTDICC2.5	BM050024.D	28 Apr 2025 12:30	RC/JU	Ok
3	SSTDICC005	BM050025.D	28 Apr 2025 13:09	RC/JU	Ok,M
4	SSTDICC010	BM050026.D	28 Apr 2025 13:48	RC/JU	Ok,M
5	SSTDICC020	BM050027.D	28 Apr 2025 14:27	RC/JU	Ok,M
6	SSTDICCC040	BM050028.D	28 Apr 2025 15:06	RC/JU	Ok
7	SSTDICC050	BM050029.D	28 Apr 2025 15:45	RC/JU	Ok
8	SSTDICC060	BM050030.D	28 Apr 2025 16:24	RC/JU	Ok
9	SSTDICC080	BM050031.D	28 Apr 2025 17:04	RC/JU	Ok
10	SSTDICV040	BM050032.D	28 Apr 2025 17:43	RC/JU	Ok,M
11	PB167739BL	BM050033.D	28 Apr 2025 19:40	RC/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM050125

Review By	Rahul	Review On	5/1/2025 3:03:06 PM				
Supervise By	Jagrut	Supervise On	5/2/2025 4:57:09 PM				
SubDirectory	BM050125	HP Acquire Method	BNA_M		HP Processing Method	BM042825	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12662,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050061.D	01 May 2025 12:24	RC/JU	Ok
2	SSTDCCC040	BM050062.D	01 May 2025 13:25	RC/JU	Ok
3	PB167779BL	BM050063.D	01 May 2025 14:04	RC/JU	Ok
4	PB167779BS	BM050064.D	01 May 2025 14:43	RC/JU	Ok
5	Q1900-05	BM050065.D	01 May 2025 15:26	RC/JU	Ok
6	Q1914-01	BM050066.D	01 May 2025 16:05	RC/JU	Ok
7	Q1914-02	BM050067.D	01 May 2025 16:44	RC/JU	Ok
8	Q1905-05	BM050068.D	01 May 2025 17:23	RC/JU	Ok,M
9	Q1900-01	BM050069.D	01 May 2025 18:02	RC/JU	Ok,M
10	Q1906-05	BM050070.D	01 May 2025 18:41	RC/JU	Ok,M
11	Q1914-03	BM050071.D	01 May 2025 19:20	RC/JU	Ok
12	Q1914-05	BM050072.D	01 May 2025 20:00	RC/JU	Ok,M
13	Q1907-01	BM050073.D	01 May 2025 20:39	RC/JU	Dilution
14	Q1901-03	BM050074.D	01 May 2025 21:18	RC/JU	Ok,M
15	Q1900-09	BM050075.D	01 May 2025 21:57	RC/JU	Ok,M
16	Q1905-01	BM050076.D	01 May 2025 22:36	RC/JU	Ok,M
17	Q1906-09	BM050077.D	01 May 2025 23:15	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM050225

Review By	Rahul	Review On	5/5/2025 11:31:05 AM		
Supervise By	Jagrut	Supervise On	5/5/2025 11:51:36 AM		
SubDirectory	BM050225	HP Acquire Method	BNA_M	HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12662,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050078.D	02 May 2025 09:54	RC/JU	Ok
2	SSTDCCC040	BM050079.D	02 May 2025 10:33	RC/JU	Ok
3	PB167803BL	BM050080.D	02 May 2025 11:13	RC/JU	Ok
4	PB167803BS	BM050081.D	02 May 2025 11:52	RC/JU	Ok
5	Q1914-09	BM050082.D	02 May 2025 12:41	RC/JU	Ok,M
6	Q1914-10MS	BM050083.D	02 May 2025 13:20	RC/JU	Ok,M
7	Q1914-11MSD	BM050084.D	02 May 2025 14:00	RC/JU	Ok,M
8	Q1914-12	BM050085.D	02 May 2025 14:39	RC/JU	ReRun
9	Q1914-06	BM050086.D	02 May 2025 15:19	RC/JU	ReRun
10	Q1914-04	BM050087.D	02 May 2025 15:58	RC/JU	ReRun
11	Q1907-01DL	BM050088.D	02 May 2025 16:38	RC/JU	Not Ok
12	Q1914-08	BM050089.D	02 May 2025 17:17	RC/JU	Ok,M
13	Q1922-01	BM050090.D	02 May 2025 17:57	RC/JU	ReRun
14	Q1906-09	BM050091.D	02 May 2025 18:36	RC/JU	ReRun
15	Q1935-05	BM050092.D	02 May 2025 19:15	RC/JU	ReRun
16	Q1923-01	BM050093.D	02 May 2025 19:55	RC/JU	Ok,NS
17	Q1933-01	BM050094.D	02 May 2025 20:34	RC/JU	ReRun

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM050525

Review By	Rahul	Review On	5/6/2025 9:57:21 AM				
Supervise By	Jagrut	Supervise On	5/6/2025 10:52:32 AM				
SubDirectory	BM050525	HP Acquire Method	BNA_M		HP Processing Method	BM042825	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12662,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050095.D	05 May 2025 11:39	RC/JU	Ok
2	SSTDCCC040	BM050096.D	05 May 2025 12:18	RC/JU	Ok
3	PB167815TB	BM050097.D	05 May 2025 12:57	RC/JU	Ok
4	Q1907-01DL	BM050098.D	05 May 2025 13:40	RC/JU	Ok,M
5	Q1914-12	BM050099.D	05 May 2025 15:03	RC/JU	Ok
6	Q1937-05	BM050100.D	05 May 2025 15:42	RC/JU	Ok
7	Q1937-05MS	BM050101.D	05 May 2025 16:21	RC/JU	Ok
8	Q1937-05MSD	BM050102.D	05 May 2025 17:00	RC/JU	Ok
9	Q1947-01	BM050103.D	05 May 2025 17:39	RC/JU	Ok
10	Q1936-03	BM050104.D	05 May 2025 18:18	RC/JU	Ok
11	Q1951-01	BM050105.D	05 May 2025 18:58	RC/JU	Ok
12	Q1914-06	BM050106.D	05 May 2025 19:37	RC/JU	Ok
13	Q1914-04	BM050107.D	05 May 2025 20:16	RC/JU	Ok,M
14	Q1922-01	BM050108.D	05 May 2025 20:55	RC/JU	Ok
15	Q1935-05	BM050109.D	05 May 2025 21:34	RC/JU	Ok
16	Q1933-01	BM050110.D	05 May 2025 22:14	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP041425

Review By	Rahul	Review On	4/15/2025 9:55:40 AM		
Supervise By	Jagrut	Supervise On	4/15/2025 10:53:04 AM		
SubDirectory	BP041425	HP Acquire Method	BNA_P	HP Processing Method	bp041425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12659,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024274.D	14 Apr 2025 10:25	RC/JU	Ok
2	SSTDICC2.5	BP024275.D	14 Apr 2025 11:06	RC/JU	Ok
3	SSTDICC005	BP024276.D	14 Apr 2025 11:47	RC/JU	Ok,M
4	SSTDICC010	BP024277.D	14 Apr 2025 12:27	RC/JU	Ok,M
5	SSTDICC020	BP024278.D	14 Apr 2025 13:08	RC/JU	Ok,M
6	SSTDICCC040	BP024279.D	14 Apr 2025 13:49	RC/JU	Ok
7	SSTDICC050	BP024280.D	14 Apr 2025 15:10	RC/JU	Ok,M
8	SSTDICC060	BP024281.D	14 Apr 2025 16:32	RC/JU	Ok,M
9	SSTDICC080	BP024282.D	14 Apr 2025 17:13	RC/JU	Ok,M
10	SSTDICV040	BP024283.D	14 Apr 2025 18:35	RC/JU	Ok,M
11	PB167488TB	BP024284.D	14 Apr 2025 19:16	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP050225

Review By	Rahul	Review On	5/5/2025 10:12:48 AM				
Supervise By	Jagrut	Supervise On	5/5/2025 11:50:04 AM				
SubDirectory	BP050225	HP Acquire Method	BNA_P		HP Processing Method	bp041425	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12662,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024503.D	02 May 2025 10:47	RC/JU	Ok
2	SSTDCCC040	BP024504.D	02 May 2025 11:27	RC/JU	Ok
3	PB167823BL	BP024505.D	02 May 2025 12:08	RC/JU	Ok
4	PB167823BS	BP024506.D	02 May 2025 12:49	RC/JU	Ok,M
5	Q1916-01	BP024507.D	02 May 2025 13:35	RC/JU	Ok
6	Q1916-01MS	BP024508.D	02 May 2025 14:15	RC/JU	Ok
7	Q1916-01MSD	BP024509.D	02 May 2025 14:56	RC/JU	Ok,M
8	Q1917-01	BP024510.D	02 May 2025 15:38	RC/JU	Ok
9	Q1922-05	BP024511.D	02 May 2025 16:19	RC/JU	Ok
10	Q1928-01	BP024512.D	02 May 2025 17:00	RC/JU	Ok
11	Q1874-04MS	BP024513.D	02 May 2025 17:41	RC/JU	Not Ok
12	Q1874-04MSD	BP024514.D	02 May 2025 18:22	RC/JU	Not Ok
13	Q1932-01	BP024515.D	02 May 2025 19:03	RC/JU	Ok
14	Q1932-03	BP024516.D	02 May 2025 19:44	RC/JU	Ok
15	Q1932-05	BP024517.D	02 May 2025 20:25	RC/JU	Ok
16	Q1932-07	BP024518.D	02 May 2025 21:06	RC/JU	Ok
17	Q1912-05DL	BP024519.D	02 May 2025 21:46	RC/JU	Ok
18	Q1914-07	BP024520.D	02 May 2025 22:27	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF043025

Review By	Rahul	Review On	5/1/2025 1:20:20 PM		
Supervise By	Jagrut	Supervise On	5/1/2025 1:23:08 PM		
SubDirectory	BF043025	HP Acquire Method	BNA_F	HP Processing Method	BF043025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142238.D	30 Apr 2025 10:55		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF142239.D	30 Apr 2025 11:24		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF142240.D	30 Apr 2025 11:52	Compound#32,54,56,65,70,85 removed from 5 ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BF142241.D	30 Apr 2025 12:20		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF142242.D	30 Apr 2025 12:49		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF142243.D	30 Apr 2025 13:17	Compound#32,48,51,53,57,62,65,80,84,85 Kept on LR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BF142244.D	30 Apr 2025 13:46	Compound#26,54 Kept on QR	RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BF142245.D	30 Apr 2025 14:15		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BF142246.D	30 Apr 2025 14:43		RC/JU	Ok,M
10	SSTDICV040	ICVBF043025	BF142247.D	30 Apr 2025 16:17		RC/JU	Ok,M
11	PB167726BL	PB167726BL	BF142248.D	30 Apr 2025 17:15		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF050125

Review By	Rahul	Review On	5/2/2025 10:46:38 AM		
Supervise By	Jagrut	Supervise On	5/2/2025 4:49:12 PM		
SubDirectory	BF050125	HP Acquire Method	BNA_F	HP Processing Method	BF043025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142249.D	01 May 2025 09:48		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142250.D	01 May 2025 10:17		RC/JU	Ok,M
3	PB167798BL	PB167798BL	BF142251.D	01 May 2025 10:45		RC/JU	Ok
4	PB167798BS	PB167798BS	BF142252.D	01 May 2025 11:13		RC/JU	Ok,M
5	PB167798BSD	PB167798BSD	BF142253.D	01 May 2025 11:42		RC/JU	Ok,M
6	PB167810BL	PB167810BL	BF142254.D	01 May 2025 12:10		RC/JU	Ok
7	PB167810BS	PB167810BS	BF142255.D	01 May 2025 12:39		RC/JU	Ok,M
8	PB167774TB	PB167774TB	BF142256.D	01 May 2025 13:07		RC/JU	Ok
9	Q1890-01	TW-WTS-07	BF142257.D	01 May 2025 13:40		RC/JU	Ok
10	Q1920-01	291	BF142258.D	01 May 2025 14:09		RC/JU	Ok,M
11	Q1914-14	FB04282025	BF142259.D	01 May 2025 14:37		RC/JU	Ok
12	Q1913-04	WC-13-A-202504	BF142260.D	01 May 2025 15:06		RC/JU	Ok
13	Q1915-01	WC-04282025	BF142261.D	01 May 2025 15:34		RC/JU	Ok
14	Q1903-01	COMP-4	BF142262.D	01 May 2025 16:03		RC/JU	Ok
15	Q1903-02	COMP-5	BF142263.D	01 May 2025 16:31		RC/JU	Ok
16	Q1903-03	COMP-6	BF142264.D	01 May 2025 17:00		RC/JU	Ok
17	Q1906-01	WC-4	BF142265.D	01 May 2025 17:29		RC/JU	Ok
18	Q1906-13	WC-7	BF142266.D	01 May 2025 17:57		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF050125

Review By	Rahul	Review On	5/2/2025 10:46:38 AM		
Supervise By	Jagrut	Supervise On	5/2/2025 4:49:12 PM		
SubDirectory	BF050125	HP Acquire Method	BNA_F	HP Processing Method	BF043025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1901-06	FB04262025	BF142267.D	01 May 2025 18:26		RC/JU	Ok
20	Q1901-02	B-167-SB01	BF142268.D	01 May 2025 18:55		RC/JU	Ok,M
21	Q1901-02MS	B-167-SB01MS	BF142269.D	01 May 2025 19:24		RC/JU	Ok,M
22	Q1901-02MSD	B-167-SB01MSD	BF142270.D	01 May 2025 19:52		RC/JU	Ok,M
23	Q1901-04	B-167-SB02	BF142271.D	01 May 2025 20:20		RC/JU	Ok
24	Q1901-05	B-170-SB02	BF142272.D	01 May 2025 20:49		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM042825

Review By	Rahul	Review On	4/29/2025 8:56:26 AM		
Supervise By	Jagrut	Supervise On	4/29/2025 11:57:30 AM		
SubDirectory	BM042825	HP Acquire Method	BNA_M	HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050023.D	28 Apr 2025 11:46		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BM050024.D	28 Apr 2025 12:30		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BM050025.D	28 Apr 2025 13:09	Compound#32-41-54-56-65-70-77 removed from 5 ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BM050026.D	28 Apr 2025 13:48		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BM050027.D	28 Apr 2025 14:27		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BM050028.D	28 Apr 2025 15:06	Compound#54 & 56 Kept on LR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BM050029.D	28 Apr 2025 15:45		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BM050030.D	28 Apr 2025 16:24		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BM050031.D	28 Apr 2025 17:04		RC/JU	Ok
10	SSTDICV040	ICVBM042825	BM050032.D	28 Apr 2025 17:43		RC/JU	Ok,M
11	PB167739BL	PB167739BL	BM050033.D	28 Apr 2025 19:40	Analyzed for contamination check	RC/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM050125

Review By	Rahul	Review On	5/1/2025 3:03:06 PM		
Supervise By	Jagrut	Supervise On	5/2/2025 4:57:09 PM		
SubDirectory	BM050125	HP Acquire Method	BNA_M	HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12662,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050061.D	01 May 2025 12:24		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM050062.D	01 May 2025 13:25		RC/JU	Ok
3	PB167779BL	PB167779BL	BM050063.D	01 May 2025 14:04		RC/JU	Ok
4	PB167779BS	PB167779BS	BM050064.D	01 May 2025 14:43		RC/JU	Ok
5	Q1900-05	WC-2	BM050065.D	01 May 2025 15:26		RC/JU	Ok
6	Q1914-01	SS-1	BM050066.D	01 May 2025 16:05		RC/JU	Ok
7	Q1914-02	SS-91	BM050067.D	01 May 2025 16:44		RC/JU	Ok
8	Q1905-05	MH-H	BM050068.D	01 May 2025 17:23		RC/JU	Ok,M
9	Q1900-01	WC-1	BM050069.D	01 May 2025 18:02		RC/JU	Ok,M
10	Q1906-05	WC-5	BM050070.D	01 May 2025 18:41		RC/JU	Ok,M
11	Q1914-03	SS-2	BM050071.D	01 May 2025 19:20		RC/JU	Ok
12	Q1914-05	SS-4	BM050072.D	01 May 2025 20:00		RC/JU	Ok,M
13	Q1907-01	CO-8R-WC	BM050073.D	01 May 2025 20:39	Need further 5X Dilution	RC/JU	Dilution
14	Q1901-03	B-170-SB01	BM050074.D	01 May 2025 21:18		RC/JU	Ok,M
15	Q1900-09	WC-3	BM050075.D	01 May 2025 21:57		RC/JU	Ok,M
16	Q1905-01	MH-G	BM050076.D	01 May 2025 22:36		RC/JU	Ok,M
17	Q1906-09	WC-6	BM050077.D	01 May 2025 23:15		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM050225

Review By	Rahul	Review On	5/5/2025 11:31:05 AM		
Supervise By	Jagrut	Supervise On	5/5/2025 11:51:36 AM		
SubDirectory	BM050225	HP Acquire Method	BNA_M	HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12662,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050078.D	02 May 2025 09:54		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM050079.D	02 May 2025 10:33		RC/JU	Ok
3	PB167803BL	PB167803BL	BM050080.D	02 May 2025 11:13		RC/JU	Ok
4	PB167803BS	PB167803BS	BM050081.D	02 May 2025 11:52		RC/JU	Ok
5	Q1914-09	SS-8	BM050082.D	02 May 2025 12:41		RC/JU	Ok,M
6	Q1914-10MS	SS-8MS	BM050083.D	02 May 2025 13:20		RC/JU	Ok,M
7	Q1914-11MSD	SS-8MSD	BM050084.D	02 May 2025 14:00		RC/JU	Ok,M
8	Q1914-12	SS-9	BM050085.D	02 May 2025 14:39	Internal Standard Fail	RC/JU	ReRun
9	Q1914-06	SS-5	BM050086.D	02 May 2025 15:19	Internal Standard Fail	RC/JU	ReRun
10	Q1914-04	SS-3	BM050087.D	02 May 2025 15:58	Internal Standard Fail	RC/JU	ReRun
11	Q1907-01DL	CO-8R-WCDL	BM050088.D	02 May 2025 16:38	Internal Standard Fail	RC/JU	Not Ok
12	Q1914-08	SS-7	BM050089.D	02 May 2025 17:17		RC/JU	Ok,M
13	Q1922-01	MH-R	BM050090.D	02 May 2025 17:57	Internal Standard Fail	RC/JU	ReRun
14	Q1906-09	WC-6	BM050091.D	02 May 2025 18:36	Internal Standard Fail	RC/JU	ReRun
15	Q1935-05	MH-MM	BM050092.D	02 May 2025 19:15	Internal standard fail	RC/JU	ReRun
16	Q1923-01	TR-05-04302025	BM050093.D	02 May 2025 19:55		RC/JU	Ok,NS
17	Q1933-01	OK-01-050125	BM050094.D	02 May 2025 20:34	Internal standard fail	RC/JU	ReRun

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM050525

Review By	Rahul	Review On	5/6/2025 9:57:21 AM		
Supervise By	Jagrut	Supervise On	5/6/2025 10:52:32 AM		
SubDirectory	BM050525	HP Acquire Method	BNA_M	HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12662,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050095.D	05 May 2025 11:39		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM050096.D	05 May 2025 12:18		RC/JU	Ok
3	PB167815TB	PB167815TB	BM050097.D	05 May 2025 12:57		RC/JU	Ok
4	Q1907-01DL	CO-8R-WCDL	BM050098.D	05 May 2025 13:40		RC/JU	Ok,M
5	Q1914-12	SS-9	BM050099.D	05 May 2025 15:03		RC/JU	Ok
6	Q1937-05	LARGE-PILE-C	BM050100.D	05 May 2025 15:42		RC/JU	Ok
7	Q1937-05MS	LARGE-PILE-CMS	BM050101.D	05 May 2025 16:21		RC/JU	Ok
8	Q1937-05MSD	LARGE-PILE-CMSD	BM050102.D	05 May 2025 17:00		RC/JU	Ok
9	Q1947-01	MH-P	BM050103.D	05 May 2025 17:39		RC/JU	Ok
10	Q1936-03	SMALL-PILE-B	BM050104.D	05 May 2025 18:18		RC/JU	Ok
11	Q1951-01	MH-KK	BM050105.D	05 May 2025 18:58		RC/JU	Ok
12	Q1914-06	SS-5	BM050106.D	05 May 2025 19:37		RC/JU	Ok
13	Q1914-04	SS-3	BM050107.D	05 May 2025 20:16		RC/JU	Ok,M
14	Q1922-01	MH-R	BM050108.D	05 May 2025 20:55		RC/JU	Ok
15	Q1935-05	MH-MM	BM050109.D	05 May 2025 21:34		RC/JU	Ok
16	Q1933-01	OK-01-050125	BM050110.D	05 May 2025 22:14		RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP041425

Review By	Rahul	Review On	4/15/2025 9:55:40 AM		
Supervise By	Jagrut	Supervise On	4/15/2025 10:53:04 AM		
SubDirectory	BP041425	HP Acquire Method	BNA_P	HP Processing Method	bp041425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12659,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024274.D	14 Apr 2025 10:25		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP024275.D	14 Apr 2025 11:06		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP024276.D	14 Apr 2025 11:47	Compound #32,54,65 removed from 5ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP024277.D	14 Apr 2025 12:27		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP024278.D	14 Apr 2025 13:08		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP024279.D	14 Apr 2025 13:49	This calibration is fail for Com#77	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BP024280.D	14 Apr 2025 15:10	This calibration is good for 8270E, 8270 DOD and 625.1 methods except Compound#77	RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP024281.D	14 Apr 2025 16:32	Compound #69 Removed from 60PPM	RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BP024282.D	14 Apr 2025 17:13	Compound #69 Removed from 80PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBP041425	BP024283.D	14 Apr 2025 18:35		RC/JU	Ok,M
11	PB167488TB	PB167488TB	BP024284.D	14 Apr 2025 19:16		RC/JU	Ok

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP050225

Review By	Rahul	Review On	5/5/2025 10:12:48 AM		
Supervise By	Jagrut	Supervise On	5/5/2025 11:50:04 AM		
SubDirectory	BP050225	HP Acquire Method	BNA_P	HP Processing Method	bp041425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12662,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024503.D	02 May 2025 10:47		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024504.D	02 May 2025 11:27		RC/JU	Ok
3	PB167823BL	PB167823BL	BP024505.D	02 May 2025 12:08		RC/JU	Ok
4	PB167823BS	PB167823BS	BP024506.D	02 May 2025 12:49		RC/JU	Ok,M
5	Q1916-01	WC-12	BP024507.D	02 May 2025 13:35		RC/JU	Ok
6	Q1916-01MS	WC-12MS	BP024508.D	02 May 2025 14:15		RC/JU	Ok
7	Q1916-01MSD	WC-12MSD	BP024509.D	02 May 2025 14:56		RC/JU	Ok,M
8	Q1917-01	MH-JJ	BP024510.D	02 May 2025 15:38		RC/JU	Ok
9	Q1922-05	MH-S	BP024511.D	02 May 2025 16:19		RC/JU	Ok
10	Q1928-01	MH-Q	BP024512.D	02 May 2025 17:00		RC/JU	Ok
11	Q1874-04MS	RT1491MS	BP024513.D	02 May 2025 17:41	Already Analyzed with OK status	RC/JU	Not Ok
12	Q1874-04MSD	RT1491MSD	BP024514.D	02 May 2025 18:22	Already Analyzed with OK status	RC/JU	Not Ok
13	Q1932-01	COMP-4	BP024515.D	02 May 2025 19:03		RC/JU	Ok
14	Q1932-03	COMP-5	BP024516.D	02 May 2025 19:44		RC/JU	Ok
15	Q1932-05	COMP-6	BP024517.D	02 May 2025 20:25		RC/JU	Ok
16	Q1932-07	COMP-7	BP024518.D	02 May 2025 21:06		RC/JU	Ok
17	Q1912-05DL	MH-FDL	BP024519.D	02 May 2025 21:46		RC/JU	Ok
18	Q1914-07	SS-6	BP024520.D	02 May 2025 22:27		RC/JU	Ok,M

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP050225

Review By	Rahul	Review On	5/5/2025 10:12:48 AM		
Supervise By	Jagrut	Supervise On	5/5/2025 11:50:04 AM		
SubDirectory	BP050225	HP Acquire Method	BNA_P	HP Processing Method	bp041425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12662,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/1/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:20
In Date: 04/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:22
Out Date: 05/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135610

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1914-01	SS-1	1	1.15	10.00	11.15	10.02	88.7	
Q1914-02	SS-91	2	1.18	10.59	11.77	10.34	86.5	
Q1914-03	SS-2	3	1.18	10.20	11.38	9.76	84.1	
Q1914-04	SS-3	4	1.18	10.12	11.3	10.04	87.5	
Q1914-05	SS-4	5	1.17	10.81	11.98	10.52	86.5	
Q1914-06	SS-5	6	1.15	10.10	11.25	10.21	89.7	
Q1914-07	SS-6	7	1.19	10.20	11.39	9.74	83.8	
Q1914-08	SS-7	8	1.17	10.57	11.74	10.15	85.0	
Q1914-09	SS-8	9	1.14	9.97	11.11	10.35	92.4	
Q1914-10	Q1914-09MS	10	1.14	9.97	11.11	10.35	92.4	
Q1914-11	Q1914-09MSD	11	1.14	9.97	11.11	10.35	92.4	
Q1914-12	SS-9	12	1.16	10.03	11.19	9.9	87.1	
Q1916-01	WC-12	13	1.14	10.23	11.37	9.75	84.2	
Q1916-02	WC-12-EPH	14	1.15	10.18	11.33	10.62	93.0	
Q1916-03	WC-12-VOC	15	1.15	10.32	11.47	10.51	90.7	
Q1917-01	MH-JJ	16	1.17	10.27	11.44	10.21	88.0	
Q1917-02	MH-JJ-EPH	17	1.13	10.42	11.55	10.35	88.5	
Q1917-03	MH-JJ-VOC	18	1.18	10.38	11.56	10.24	87.3	
Q1919-01	50680	25	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1919-02	50681	26	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1920-01	291	27	1.14	10.01	11.15	10.36	92.1	
Q1920-02	291-E2	28	1.19	10.16	11.35	10.54	92.0	
Q1921-01	BC226751-1-1	29	1.00	1.00	2.00	2.00	100.0	pilc
Q1921-02	BC226751-1-2	30	1.00	1.00	2.00	2.00	100.0	pilc
Q1921-03	BC274768-1-1	31	1.00	1.00	2.00	2.00	100.0	pilc
Q1921-04	BC274768-1-2	32	1.00	1.00	2.00	2.00	100.0	pilc
Q1921-05	BC271327-1-1	33	1.00	1.00	2.00	2.00	100.0	pilc
Q1921-06	BC271327-1-2	34	1.00	1.00	2.00	2.00	100.0	pilc

Alliance TECHNICAL GROUP

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/1/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:20
In Date: 04/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:22
Out Date: 05/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135610

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1921-07	BC248150-1-1	35	1.00	1.00	2.00	2.00	100.0	pilc
Q1921-08	BC248150-1-2	36	1.00	1.00	2.00	2.00	100.0	pilc
Q1922-01	MH-R	19	1.18	10.30	11.48	10.4	89.5	
Q1922-02	MH-R-EPH	20	1.17	10.72	11.89	10.68	88.7	
Q1922-03	MH-R-VOC	21	1.19	10.45	11.64	10.52	89.3	
Q1922-05	MH-S	22	1.19	10.04	11.23	9.98	87.5	
Q1922-06	MH-S-EPH	23	1.15	10.76	11.91	10.6	87.8	
Q1922-07	MH-2-VOC	24	1.16	10.58	11.74	10.7	90.2	
Q1923-01	TR-05-04302025	37	1.18	9.86	11.04	10.31	92.6	
Q1923-02	TR-05-04302025-E2	38	1.18	10.70	11.88	10.84	90.3	
Q1925-01	AUD-25-0068	39	1.18	10.06	11.24	11.18	99.4	
Q1925-02	AUD-25-0069	40	1.19	10.37	11.56	11.54	99.8	
Q1925-03	AUD-25-0070	41	1.16	10.58	11.74	11.65	99.1	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

UB 135610

WorkList Name : %1-043025 **WorkList ID :** 189217 **Department :** Wet-Chemistry **Date :** 04-30-2025 08:15:06

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1914-01	SS-1	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-02	SS-91	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-03	SS-2	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-04	SS-3	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-05	SS-4	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-06	SS-5	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-07	SS-6	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-08	SS-7	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-09	SS-8	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-10	Q1914-09MS	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-11	Q1914-09MSD	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-12	SS-9	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1916-01	WC-12	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1916-02	WC-12-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1916-03	WC-12-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1917-01	MH-JJ	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1917-02	MH-JJ-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1917-03	MH-JJ-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1919-01	50680	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1919-02	50681	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1920-01	291	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO

Date/Time 04/30/25 15:35

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

Date/Time 04/30/25 17:25

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

WORKLIST(Hardcopy Internal Chain)

JK 135610

WorkList Name : %1-043025 **WorkList ID :** 189217 **Department :** Wet-Chemistry **Date :** 04-30-2025 08:15:06

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1920-02	291-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO
Q1921-01	BC226751-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1921-02	BC226751-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1921-03	BC274768-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1921-04	BC274768-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1921-05	BC271327-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1921-06	BC271327-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1921-07	BC248150-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1921-08	BC248150-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1922-01	MH-R	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1922-02	MH-R-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO
Q1922-03	MH-R-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO
Q1922-05	MH-S	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO
Q1922-06	MH-S-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO
Q1922-07	MH-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO
Q1923-01	TR-05-04302025	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO
Q1923-02	TR-05-04302025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L31	04/30/2025	Chemtech -SO
Q1925-01	AUD-25-0068	Solid	Percent Solids	Cool 4 deg C	PSEG05	L31	04/30/2025	Chemtech -SO
Q1925-02	AUD-25-0069	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO
Q1925-03	AUD-25-0070	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO

Date/Time 04/30/25 1535
Raw Sample Received by: JP CWOC
Raw Sample Relinquished by: CP SM

Date/Time 04/30/25 1725
Raw Sample Received by: CP SM
Raw Sample Relinquished by: JP CWOC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167798

SOP ID:	M3510C,3580A-Extraction SVOC-20				
Clean Up SOP #:	N/A			**Extraction Start Date :**	04/30/2025
Matrix :	Water			**Extraction Start Time :**	08:35
Weigh By:	N/A	**Extraction By:**	RJ	**Extraction End Date :**	04/30/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	16:00
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3880	**Hood ID:**	4,6,7	**Supervisor By :**	RUPESH

Extraction Method: ☑ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6752
Surrogate	1.0ML	100/150 PPM	SP6754
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3926
Baked Na2SO4	N/A	EP2607
10N NaoH	N/A	EP2559
H2SO4 1:1	N/A	EP2865
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH. Q1914-14 Added at 11:58 AM.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
4/30/25	RS (Ext lab)	RC/SVOC
16:05	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167798

Analytical Method: M3510C,3580A-Extraction SVOC-20 **Concentration Date:** 04/30/2025

Sample ID	Client Sample ID	Test	g / mL*	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167798BL	SBLK798	SVOC-TCL BNA -20	1000	6	ritesh	Evelyn	1			SEP-1
PB167798BS	SLCS798	SVOC-TCL BNA -20	1000	6	ritesh	Evelyn	1			2
PB167798BSD	SLCSD798	SVOC-TCL BNA -20	1000	6	ritesh	Evelyn	1			3
Q1890-01	TW-WTS-07	SVOCMS Group4	960	12	ritesh	Evelyn	1	F		4
Q1901-06	FB04262025	SVOC-TCL BNA -20	940	6	ritesh	Evelyn	1	I		5
Q1914-14	FB04282025	SVOCMS Group3	960	6	ritesh	Evelyn	1	C		6

RS 4/30

* **Extracts relinquished on the same date as received.**

167798
8:35

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1890 **WorkList ID :** 189223 **Department :** Extraction **Date :** 04-30-2025 08:30:00

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1890-01	TW-WTS-07	Water	SVOCMS Group4	Cool 4 deg C	ENTA05	L41	04/24/2025	8270E
Q1901-06	FB04262025	Water	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	L51	04/26/2025	8270E

Date/Time 04/30/25 8:30
Raw Sample Received by: RJ (EXT (gb)
Raw Sample Relinquished by: SM

Date/Time 4/30/25 9:00
Raw Sample Received by: SM
Raw Sample Relinquished by: RJ (EXT (gb)

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1914 **WorkList ID :** 189229 **Department :** Extraction **Date :** 04-30-2025 10:58:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1914-14	FB04282025	Water	SVOCMS Group3	Cool 4 deg C	CAMP02	L41	04/28/2025	8270E

Date/Time 4/30/25 10:58

Raw Sample Received by: RJ (EXT-lab)

Raw Sample Relinquished by: CP SM

Date/Time 4/30/25 11:15

Raw Sample Received by: CP SM

Raw Sample Relinquished by: RJ (EXT-lab)

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167803

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	N/A			**Extraction Start Date :**	04/30/2025
Matrix :	Solid			**Extraction Start Time :**	11:00
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	04/30/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	14:00
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6752
Surrogate	1.0ML	100/150 PPM	SP6754
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2600
Baked Na2SO4	N/A	EP2607
Sand	N/A	EP2865
Methylene Chloride	N/A	E3926
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
4/30/25	RS (Ext-Lab)	RC/SVOC
14:05	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167803

Analytical Method: M3541-ASE Extraction-14 **Concentration Date:** 04/30/2025

Sample ID	Client Sample ID	Test	g mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167803BL	SBLK803	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			U1-1
PB167803BS	SLCS803	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1			2
Q1907-01	CO-8R-WC	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	D		3
Q1910-01	MOO-25-0123-27	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		4
Q1911-01	EO-03-04292025	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		5
Q1912-01	MH-E	SVOC-TCL BNA -20	50.09	N/A	ritesh	Evelyn	1	E		6
Q1912-05	MH-F	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	D		U2-1
Q1914-01	SS-1	SVOCMS Group3	30.06	N/A	ritesh	Evelyn	1	E		2
Q1914-02	SS-91	SVOCMS Group3	30.02	N/A	ritesh	Evelyn	1	E		3
Q1914-03	SS-2	SVOCMS Group3	30.05	N/A	ritesh	Evelyn	1	E		4
Q1914-04	SS-3	SVOCMS Group3	30.07	N/A	ritesh	Evelyn	1	E		5
Q1914-05	SS-4	SVOCMS Group3	30.01	N/A	ritesh	Evelyn	1	E		6
Q1914-06	SS-5	SVOCMS Group3	30.04	N/A	ritesh	Evelyn	1	E		U3-1
Q1914-07	SS-6	SVOCMS Group3	30.09	N/A	ritesh	Evelyn	1	E		2
Q1914-08	SS-7	SVOCMS Group3	30.03	N/A	ritesh	Evelyn	1	E		3
Q1914-09	SS-8	SVOCMS Group3	30.08	N/A	ritesh	Evelyn	1	E		4
Q1914-10	Q1914-09MS	SVOCMS Group3	30.02	N/A	ritesh	Evelyn	1	E		5
Q1914-11	Q1914-09MSD	SVOCMS Group3	30.04	N/A	ritesh	Evelyn	1	E		6
Q1914-12	SS-9	SVOCMS Group3	30.07	N/A	ritesh	Evelyn	1	E		U6-1

RS 4/30

* **Extracts relinquished on the same date as received.**

Q1914-SVOCMS Group3

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1911 **WorkList ID :** 189228 **Department :** Extraction **Date :** 04-30-2025 10:55:45

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1907-01	CO-8R-WC	Solid	SVOC-TCL BNA -20	Cool 4 deg C	WALS01	L51	04/28/2025	8270E
Q1910-01	MOO-25-0123-27	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	04/29/2025	8270E
Q1911-01	EO-03-04292025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	L41	04/29/2025	8270E
Q1912-01	MH-E	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L51	04/29/2025	8270E
Q1912-05	MH-F	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L51	04/29/2025	8270E
Q1914-01	SS-1	Solid	SVOCMS Group3	Cool 4 deg C	CAMP02	L41	04/28/2025	8270E
Q1914-02	SS-91	Solid	SVOCMS Group3	Cool 4 deg C	CAMP02	L41	04/28/2025	8270E
Q1914-03	SS-2	Solid	SVOCMS Group3	Cool 4 deg C	CAMP02	L41	04/28/2025	8270E
Q1914-04	SS-3	Solid	SVOCMS Group3	Cool 4 deg C	CAMP02	L41	04/28/2025	8270E
Q1914-05	SS-4	Solid	SVOCMS Group3	Cool 4 deg C	CAMP02	L41	04/28/2025	8270E
Q1914-06	SS-5	Solid	SVOCMS Group3	Cool 4 deg C	CAMP02	L41	04/28/2025	8270E
Q1914-07	SS-6	Solid	SVOCMS Group3	Cool 4 deg C	CAMP02	L41	04/28/2025	8270E
Q1914-08	SS-7	Solid	SVOCMS Group3	Cool 4 deg C	CAMP02	L41	04/28/2025	8270E
Q1914-09	SS-8	Solid	SVOCMS Group3	Cool 4 deg C	CAMP02	L41	04/28/2025	8270E
Q1914-10	Q1914-09MS	Solid	SVOCMS Group3	Cool 4 deg C	CAMP02	L41	04/28/2025	8270E
Q1914-11	Q1914-09MSD	Solid	SVOCMS Group3	Cool 4 deg C	CAMP02	L41	04/28/2025	8270E
Q1914-12	SS-9	Solid	SVOCMS Group3	Cool 4 deg C	CAMP02	L41	04/28/2025	8270E

Date/Time 4/30/25 10:55
Raw Sample Received by: RJ (EXT. lab)
Raw Sample Relinquished by: CP SM

Date/Time 4/30/25 11:25
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RJ (EXT. lab)

Revised

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Prep Standard - Chemical Standard Summary

Order ID : Q1914

Test : SVOCMS Group3

Prepbatch ID : PB167798,PB167803,

Sequence ID/Qc Batch ID: Bf050125,bm050125,bm050225,BM050525,BP050225,

Standard ID :
EP2559,EP2600,EP2607,EP2865,SP6721,SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729,SP6752,SP6754,SP6757,SP6769,SP6770,

Chemical ID :
10ul/1000ul sample,E3551,E3657,E3874,E3876,E3902,E3904,E3917,E3926,S10104,S10397,S10584,S11087,S11143,S11161,S11487,S11495,S11650,S11785,S11786,S11787,S11788,S12114,S12190,S12191,S12192,S12193,S12194,S12195,S12209,S12210,S12211,S12212,S12213,S12214,S12215,S12216,S12270,S12276,S12478,S12479,S12480,S12481,S12482,S12483,S12484,S12485,S12486,S12525,S12526,S12527,S12528,S12529,S12530,S12531,S12532,S12533,S12534,S12577,S12649,S12658,S12661,S12662,S12791,S12966,S12967,S12968,S12969,S12970,S12971,S12972,S12973,S12974,W3112,

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1874	10 N SODIUM HYDROXIDE SOLN	EP2559	11/14/2024	05/14/2025	Rajesh Parikh	Extraction_SCALE_2 (EX-SC-2)	None	RUPESHKUMAR SHAH 11/14/2024

FROM 1000.00000ml of W3112 + 400.00000gram of E3657 = Final Quantity: 1000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2017	1:1 ACETONE/METHYLENE CHLORIDE	EP2600	04/07/2025	10/03/2025	Rajesh Parikh	None	None	Riteshkumar Patel 04/07/2025

FROM 8000.00000ml of E3904 + 8000.00000ml of E3917 = Final Quantity: 16000.000 ml

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2607	04/25/2025	07/01/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 04/25/2025

FROM 4000.00000gram of E3551 = Final Quantity: 4000.000 gram

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3764	8270/625 Stock solution 100 ng	SP6721	01/30/2025	05/12/2025	Jagrut Upadhyay	None	None	Shreena Patel 02/07/2025

FROM 0.26700ml of S10104 + 0.40000ml of S11495 + 0.50000ml of S12114 + 1.00000ml of S11087 + 1.00000ml of S11161 + 1.00000ml of S12270 + 1.00000ml of S12276 + 1.00000ml of S12791 + 3.83300ml of E3874 = Final Quantity: 10.000 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
413	80 ng BNA ICC, 80 PPM	SP6722	01/30/2025	05/12/2025	Jagrut Upadhyay	None	None	Shreena Patel 02/07/2025

FROM 0.01000ml of S12649 + 0.20000ml of E3874 + 0.80000ml of SP6721 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
412	60 ng BNA ICC, 60 PPM	SP6723	01/30/2025	05/12/2025	Jagrut Upadhyay	None	None	Shreena Patel 02/07/2025

FROM 0.01000ml of S12649 + 0.40000ml of E3874 + 0.60000ml of SP6721 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
411	50 ng BNA ICC, 50 PPM	SP6724	01/30/2025	05/12/2025	Jagrut Upadhyay	None	None	Shreena Patel 02/07/2025

FROM 0.01000ml of S12649 + 0.50000ml of E3874 + 0.50000ml of SP6721 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
410	40 ng BNA ICC, 40 PPM	SP6725	01/30/2025	05/12/2025	Jagrut Upadhyay	None	None	Shreena Patel 02/07/2025

FROM 0.01000ml of S12649 + 0.60000ml of E3874 + 0.40000ml of SP6721 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3678	20 ng BNA ICC, 20 PPM	SP6726	01/30/2025	05/12/2025	Jagrut Upadhyay	None	None	Shreena Patel 02/07/2025

FROM 0.01000ml of S12649 + 0.80000ml of E3874 + 0.20000ml of SP6721 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
408	10 ng BNA ICC, 10 PPM	SP6727	01/30/2025	05/12/2025	Jagrut Upadhyay	None	None	Shreena Patel 02/07/2025

FROM 0.01000ml of S12649 + 0.90000ml of E3874 + 0.10000ml of SP6721 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
407	5 ng BNA ICC, 5 PPM	SP6728	01/30/2025	05/12/2025	Jagrut Upadhyay	None	None	Shreena Patel 02/07/2025

FROM 0.01000ml of S12649 + 0.95000ml of E3874 + 0.05000ml of SP6721 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
175	2.5 ng BNA ICC, 2.5 PPM	SP6729	01/30/2025	05/12/2025	Jagrut Upadhyay	None	None	Shreena Patel 02/07/2025

FROM 0.01000ml of S12649 + 0.50000ml of E3874 + 0.50000ml of SP6728 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
171	8270/625 Spike Solution, 50/100 PPM	SP6752	03/10/2025	05/31/2025	Rahul Chavli	None	None	Jagrut Upadhyay 04/03/2025

FROM 0.10000ml of S12478 + 0.30000ml of S12525 + 0.40000ml of S10397 + 0.40000ml of S10584 + 0.40000ml of S11143 + 0.40000ml of S11487 + 0.40000ml of S11650 + 0.40000ml of S12533 + 0.40000ml of S12974 + 0.60000ml of S12486 + 0.80000ml of S12966 + 1.10000ml of S11788 + 1.20000ml of S11785 + 1.20000ml of S12483 + 1.20000ml of S12526 + 1.20000ml of S12967 + 1.20000ml of S12968 + 1.20000ml of S12970 + 1.20000ml of S12972 + 1.30000ml of S11786 + 1.30000ml of S12481 + 1.30000ml of S12482 + 1.30000ml of S12484 + 1.30000ml of S12528 + 1.30000ml of S12529 + 1.30000ml of S12531 + 1.30000ml of S12969 + 1.30000ml of S12973 + 1.40000ml of S11787 + 1.40000ml of S12479 + 1.40000ml of S12480 + 1.40000ml of S12485 + 1.40000ml of S12527 + 1.40000ml of S12530 + 1.40000ml of S12532 + 1.40000ml of S12971 + 163.00000ml of E3876 = Final Quantity: 200.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
19	8270/CLP Surrogate Solution, 100 PPM BN/150 PPM ACID	SP6754	03/18/2025	09/18/2025	Rahul Chavli	None	None	Jagrut Upadhyay 04/03/2025

FROM 1930.00000ml of E3902 + 2.60000ml of S12216 + 2.70000ml of S12195 + 5.20000ml of S12210 + 5.30000ml of S12192 + 5.30000ml of S12194 + 5.30000ml of S12209 + 5.30000ml of S12211 + 5.30000ml of S12212 + 5.30000ml of S12213 + 5.40000ml of S12190 + 5.40000ml of S12214 + 5.60000ml of S12191 + 5.60000ml of S12215 + 5.70000ml of S12193 = Final Quantity: 2000.000 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3895	50 ug/ml DFTPP 8270E	SP6757	03/31/2025	09/30/2025	Rahul Chavli	None	None	Jagrut Upadhyay 04/01/2025

FROM 1.00000ml of S12577 + 19.00000ml of E3904 = Final Quantity: 20.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
18	Second Source Calibration Stock Standard, 100 PPM, (8270/625/CLP)	SP6769	04/10/2025	09/10/2025	Jagrut Upadhyay	None	None	Sohil Jodhani 04/16/2025

FROM 0.04000ml of S12195 + 0.08000ml of S12216 + 0.10000ml of S11788 + 0.20000ml of S12486 + 0.20000ml of S12534 + 0.20000ml of S12974 + 1.18000ml of E3926 = Final Quantity: 2.000 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
416	40 ng BNA ICV, 40 PPM	SP6770	04/10/2025	09/10/2025	Jagrut Upadhyay	None	None	Sohil Jodhani 04/16/2025

FROM 0.01000ml of S12658 + 0.60000ml of E3926 + 0.40000ml of SP6769 = Final Quantity: 1.010 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	313201	07/01/2025	01/03/2024 / Rajesh	07/20/2023 / Rajesh	E3551

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19510-5 / Sodium Hydroxide Pellets 2.5 Kg, Pk of 4	23B1556310	12/31/2025	12/04/2023 / Rajesh	12/01/2023 / Rajesh	E3657

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25A0262002	07/30/2025	01/30/2025 / Rajesh	01/20/2025 / Rajesh	E3874

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	08/25/2025	02/25/2025 /	02/12/2025 / Rajesh	E3876

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	09/18/2025	03/18/2025 / RUPESH	02/12/2025 / RUPESH	E3902

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	24K1762005	01/07/2026	03/13/2025 /	12/27/2024 / RUPESH	E3904

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	10/03/2025	04/03/2025 / Rajesh	03/31/2025 / Rajesh	E3917

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25A0262002	10/08/2025	04/08/2025 / Rajesh	02/07/2025 / Rajesh	E3926

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-112090-04 / CLP Acid Surrogate Solution, 7500 mg/L, 1ml	440246	07/30/2025	01/30/2025 / anahy	12/09/2021 / Christian	S10104

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555871 / Custom Standard, 4-nitrophenol Std [CS 5238-4]	A0185300	05/31/2025	01/29/2025 / anahy	05/18/2022 / Christian	S10397

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555868 / Custom Standard, Benzidine Std [CS 5328-1]	A0186373	06/30/2025	01/29/2025 / anahy	07/05/2022 / Christian	S10584

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010074-07 / 3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 ml, (Maximum Expiration: 180 days)	406703	07/30/2025	01/30/2025 / anahy	02/07/2023 / Christian	S11087

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555869 / Custom Standard, hexachlorocyclopentadiene Std [CS 5328-2]	A0194702	07/29/2025	01/29/2025 / anahy	02/20/2023 / Christian	S11143

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110817-01 / Custom 8270 Mix, 4-55, 1000 mg/L, 1 ml, (Maximum Expiration: 90 Days)	414125	06/21/2025	01/30/2025 / anahy	03/06/2023 / Christian	S11161

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555870 / Custom Standard, 2,4-dinitrophenol Std [CS 5328-3]	A0200549	08/31/2026	01/29/2025 / anahy	08/10/2023 / yogesh	S11487

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110094-02 / CLP Base/Neutral Surrogate Solution, 5000 mg/L, 1ml	506889	05/12/2025	11/12/2024 / Jagrut	08/11/2023 / Yogesh	S11495

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555872 / Custom Standard, pentachlorophenol Std [CS 5328-5]	A0201728	07/29/2025	01/29/2025 / anahy	11/09/2023 / Yogesh	S11650

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	07/29/2025	01/29/2025 / anahy	11/21/2023 / Rahul	S11785

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	09/10/2025	03/10/2025 / anahy	11/21/2023 / Rahul	S11786

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	09/10/2025	03/10/2025 / anahy	11/21/2023 / Rahul	S11787

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	09/10/2025	03/10/2025 / anahy	11/21/2023 / Rahul	S11788

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	z-010223-01 / 1,4-Dioxane Solution, 2,000mg/L, 1ml	454157	05/12/2025	11/12/2024 / Jagrut	03/08/2024 / Rahul	S12114

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12190

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12191

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12192

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12193

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12194

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12195

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12209

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12210

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12211

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12212

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12213

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12214

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12215

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12216

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	z-110381-01 / 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1ml	520963	07/30/2025	01/30/2025 / anahy	05/24/2024 / Rahul	S12270

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010442-07 / Benzaldehyde Solution, 1000 mg/L, 1.3 ml, (Maximum Expiration: 90 Days)	495833	05/12/2025	11/12/2024 / Jagrut	05/24/2024 / Rahul	S12276

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	07/29/2025	01/29/2025 / anahy	07/23/2024 / RAHUL	S12478

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12479

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12480

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12481

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12482

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12483

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12484

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12485

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12486

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	07/29/2025	01/29/2025 / anahy	07/23/2024 / RAHUL	S12525

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12526

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12527

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12528

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12529

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12530

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12531

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12532

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12533

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	10/10/2025	04/10/2025 / Jagrut	07/23/2024 / RAHUL	S12534

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31615 / SV Mixture, GC/MS Tuning Mixture, CH2Cl2, 1mL,	A0212955	06/30/2027	03/31/2025 / Rahul	08/01/2024 / Rahul	S12577

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0212266	07/21/2025	01/21/2025 / anahy	09/20/2024 / anahy	S12649

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0212266	04/30/2030	04/07/2025 / anahy	09/20/2024 / anahy	S12658

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0212266	10/25/2025	04/25/2025 / Rahul	09/20/2024 / anahy	S12661

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0212266	11/01/2025	05/01/2025 / Rahul	09/20/2024 / anahy	S12662

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110816-01 / Custom 8270 Mix, 4-79, 1000 mg/L, 1 mL, (Maximum Expiration: 180 Days)	414127	06/21/2025	01/30/2025 / anahy	05/24/2024 / Rahul	S12791

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	07/29/2025	01/29/2025 / anahy	12/11/2024 / anahy	S12966

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12967

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12968

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12969

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12970

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12971

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12972

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12973

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12974

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received:_____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-010074-07	406703	≤ -10 °C	Methylene Chloride	3/30/2025	3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
3,3'-dichlorobenzidine	91-94-1	99.5	74.3.26P	989 ± 7.53

Received on
02/07/23
by
CG

S11084
to
S11088

*Not a certified value

Certified By: _____
Jacob Mulloy
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricllly.

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received:_____

Certificate of Analysis

Rev 0 **Page 1 of 1**

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110817-01	414125	≤ -10 °C	Methylene Chloride	6/21/2025	Custom 8270 Mix, 4-55, 1000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
acetophenone	98-86-2	99.2	85.8.1P	998 ± 11.5
benzoic acid	65-85-0	100	123.7.1P	1010 ± 5.88
biphenyl	92-52-4	99.9	366.29.1P	999 ± 5.82
1,2,4,5-tetrachlorobenzene	95-94-3	99.7	53.7.2P	993 ± 5.79

Received on
02/07/23
by
CG
S11089
to
S11093

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: _____
Shane Overcash
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-112090-04	440246	≤ -10 °C	Methylene Chloride	2/16/2026	CLP Acid Surrogate Solution, 7,500 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
2-chlorophenol-d_4	93951-73-6	99.3	248.12.7P	7487 ± 17.2
2-fluorophenol	367-12-4	99.8	10.7.3.3P	7513 ± 17.26
phenol-d6	13127-88-3	99.9	949.120.8P	7481 ± 17.19
2,4,6-tribromophenol	118-79-6	99.8	12.1.6P	7469 ± 17.17

Received on
02/25/21
by
CG

S9236
to
S9240

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: Erica Castiglione

Erica Castiglione
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Gravimetric Certificate

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Received by CG on 05/19/22

S10393 to S10402

Catalog No. : 555871 **Lot No.:** A0185300

Description : Custom 4-Nitrophenol Standard

Custom 4-Nitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2025 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	4-Nitrophenol	25,060.0 µg/mL	+/- 231.9100 µg/mL	Gravimetric
	CAS # 100-02-7 (Lot MKCN1089)		+/- 753.2622 µg/mL	Unstressed
	Purity 99%		+/- 905.6020 µg/mL	Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Katelyn McGinnis - Operations Tech I

Date Mixed: 16-May-2022 **Balance:** 1128342314

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer) -20°C or colder (Deep Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Gravimetric Certificate

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Received by CG on 07/05/22 S10583 to S10592

Catalog No. : 555868 **Lot No.:** A0186373

Description : Custom Benzidine Standard

Custom Benzidine Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2025 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Benzidine	25,200.0 µg/mL	+/- 233.2055 µg/mL	Gravimetric
	CAS # 92-87-5 (Lot 220511RSR)		+/- 351.6606 µg/mL	Unstressed
	Purity 99%		+/- 512.6054 µg/mL	Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Tom Suckar - Mix Technician **Date Mixed:** 16-Jun-2022 **Balance:** 1122030677

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer) -20°C or colder (Deep Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555869 **Lot No.:** A0194702

Description : Custom Hexachlorocyclopentadiene Standard

Custom Hexachlorocyclopentadiene Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)
1	Hexachlorocyclopentadiene	77-47-4	0012019	99%	25,008.0 µg/mL

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Russ Bookhamer - Operations Technician I

Date Mixed: 15-Feb-2023 **Balance:** B442140311

Manufactured under Restek Registered Quality Certificate #FM

tified Reference Material Notes

es:

n date valid for unopened ampul stored in compliance with the recommended conditions.

nty, concentration, and expiration of the CRM are based on the unopened product being stored according to the ended condition found in the storage field.

d/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, LC/MS, RI, and/or melting point.

nds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A n factor is used to calculate the amount of compound necessary to achieve the desired concentration of the mpound in solution.

isomeric compounds is reported as the sum of the isomers.

lues are rounded to the nearest whole number.

rtainty Value Notes:

rtainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded ty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability ty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

erage factor of 2, which gives a level of confidence of approximately 95%.

ged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure nimum packaged amount can be sufficiently transferred.

Notes:

tion is based upon gravimetric preparation using either a balance whose calibration has been verified daily traceable weights, and/or dilutions with Class A glassware.

:

the unopened product, when stored in compliance with the recommended conditions, is guaranteed through ion displayed on the product label and certificate. Contact Restek for additional opened product stability ı, with the knowledge/understanding that open product stability is subject to the specific handling and ntal conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with ards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom m. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, des complete instructions.

ssolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely

PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MEXICO
CP 64070
TEL +52 81 13 52 57 57
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na_2SO_4
SPECIFICATION NUMBER :	6399	RELEASE DATE:	ABR/21/2023
LOT NUMBER :	313201		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.7 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.1
Insoluble matter	Max. 0.01%	0.005 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO_4)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.002 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.003 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreing matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.1 %
Retained on US Standard No. 60 sieve	Min. 94%	97.3 %
Through US Standard No. 60 sieve	Max. 5%	2.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

RG-02-01, Ed. 3

Recd. by RI on 7/24/23 E3551

VWR®

Certificate of Analysis

Sodium Hydroxide (Pellets)

Material: 0583
Grade: ACS GRADE
Batch Number: 23B1556310

Chemical Formula: NaOH
Molecular Weight: 40
CAS #: 1310-73-2
Appearance:

Pellets

Manufacture Date: 12/14/2022
Expiration Date: 12/31/2025

Storage: Room Temperature

TEST	SPECIFICATION	ANALYSIS	DISPOSITION
Calcium	<= 0.005 %	<0.005 %	PASS
Chloride	<= 0.005 %	0.002 %	PASS
Heavy Metals	<= 0.002 %	<0.002 %	PASS
Iron	<= 0.001 %	<0.001 %	PASS
Magnesium	<= 0.002 %	<0.002 %	PASS
Mercury	<= 0.1 ppm	<0.1 ppm	PASS
Nickel	<= 0.001 %	<0.001 %	PASS
Nitrogen Compounds	<= 0.001 %	<0.001 %	PASS
Phosphate	<= 0.001 %	<0.001 %	PASS
Potassium	<= 0.02 %	<0.02 %	PASS
Purity	>= 97.0 %	99.2 %	PASS
Sodium Carbonate	<= 1.0 %	0.5 %	PASS
Sulfate	<= 0.003 %	<0.003 %	PASS

Internal ID #: 710

Signature

We certify that this batch conforms to the specifications listed.

This document has been electronically produced and is valid without a signature.

Leona Edwardson, Quality Control Sr. Manager - Solon
VWR Chemicals, LLC.
28600 Fountain Parkway, Solon OH 44139 USA

Additional Information

Analysis may have been rounded to significant digits in specification limits.

Product meets analytical specifications of the grades listed.

E 3657	E 3659
E 3654	E 3660

PO: PO2-1178.2 PRODUCT CODE: SHIP DATE: 1/20/2025

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor | J.T.Baker

Material No.: 9266-A4
Batch No.: 25A0262002
Manufactured Date: 2024-11-21
Expiration Date:2026-02-20
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	4
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	99.9 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.8 ppm
Titrable Acid (µeq/g)	<= 0.3	<0.1
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 0.02 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3874

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

PO: PO2-798 PRODUCT CODE: SHIP DATE: 12/9/2024

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor | J.T.Baker

Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date:2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3902

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date:2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd. by RP on 03/31/25

E3917

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

PO: PO2-1308 PRODUCT CODE: SHIP DATE: 2/7/25

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor | J.T.Baker

Material No.: 9266-A4
Batch No.: 25A0262002
Manufactured Date: 2024-11-21
Expiration Date:2026-02-20
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	4
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	99.9 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.8 ppm
Titrable Acid (µeq/g)	<= 0.3	<0.1
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 0.02 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3926

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555870 **Lot No.:** A0200549

Description : Custom 2,4-Dinitrophenol Standard

Custom 2,4-Dinitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

S11484 ↓ S11493 Y.P. 08/10/23

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	25,008.0 µg/mL	+/- 777.3323

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Tom Suckar - Mix Technician **Date Mixed:** 02-Aug-2023 **Balance:** 1128342314

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received:_____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110094-02	506889	≤ -10 °C	Methylene Chloride	7/25/2028	CLP Base/Neutral Surrogate Solution, 5,000 mg/L, 1 ml

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,2-dichlorobenzene-d_4	2199-69-1	99.7	247.29.3P	5035 ± 28.02
2-fluorobiphenyl	321-60-8	99.69	8.286.1.1P	4999 ± 103.66
nitrobenzene-d5	4165-60-0	99.67	7.9.3P	4988 ± 27.32
p-terphenyl-d14	1718-51-0	99.3	9.120.8P	5005 ± 27.85

511494 to 511498 } Y.P. 08/11/2023

*Not a certified value

Certified By: _____

Clint Tipton
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555872 **Lot No.:** A0201728

Description : Custom Pentachlorophenol Standard

Custom Pentachlorophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2026 **Storage:** 10°C or colder

Ship: Ambient

511649 ↓ 511658 Y.P. 11/13/23

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pentachlorophenol	87-86-5	RP230530RSR	99%	25,000.0 µg/mL	+/- 777.0837

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Josh McCloskey - Operations Technician I

Date Mixed: 05-Sep-2023 **Balance:** B251644995

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0196453

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11749 ↓ S11794 RC 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBN3770	99%	2,013.0 µg/mL	+/- 25.0521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

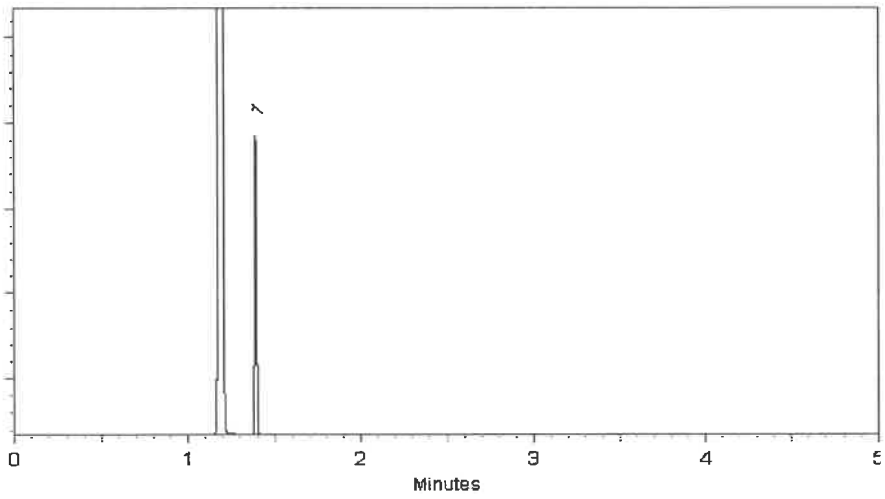
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 30-Mar-2023 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 31-Mar-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0196453

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11749 ↓ S11794 RC 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBN3770	99%	2,013.0 µg/mL	+/- 25.0521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

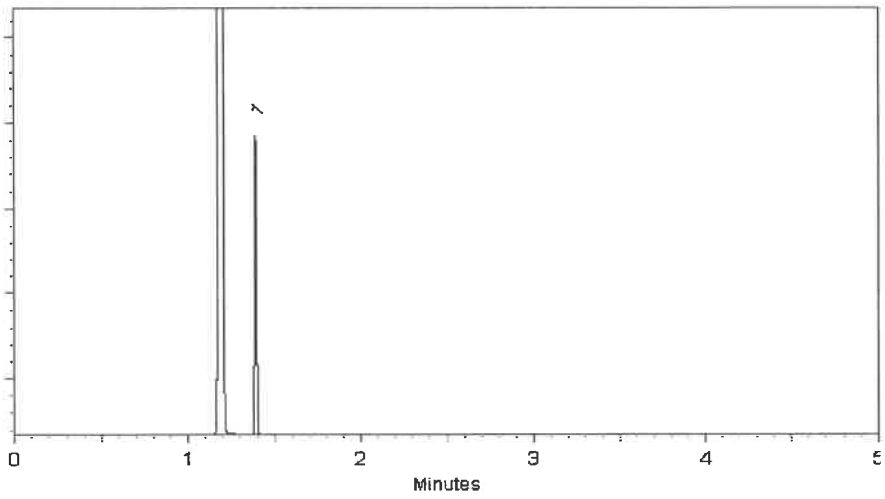
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



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Sam Moodler - Operations Tech I

Date Mixed: 30-Mar-2023 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 31-Mar-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0196453

S11749 ↓ S11794 RC 11/30/23

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBN3770	99%	2,013.0 µg/mL	+/- 25.0521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

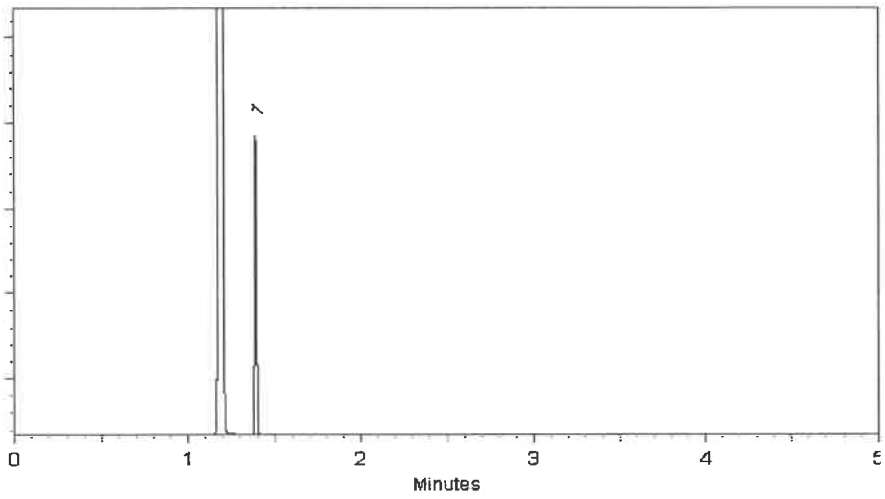
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



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Sam Moodler - Operations Tech I

Date Mixed: 30-Mar-2023 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 31-Mar-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0196453

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11749 ↓ S11794 RC 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBN3770	99%	2,013.0 µg/mL	+/- 25.0521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

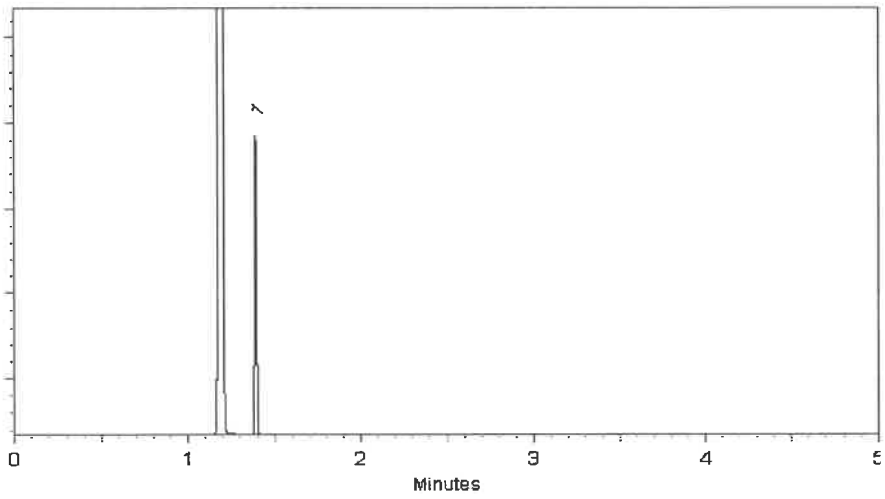
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



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Sam Moodler - Operations Tech I

Date Mixed: 30-Mar-2023 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 31-Mar-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
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- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received:_____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-020223-01	454157	≤ -10 °C	P/T Methanol	6/10/2026	1,4-Dioxane Solution, 2000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,4-dioxane	123-91-1	100	223.1.3P	1997 ± 57.08

S12112 ↓ S12116 } RC 03/08/24

*Not a certified value

Certified By: Melissa Workoff

Melissa Workoff
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

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Certificate of Analysis

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31087 **Lot No.:** A0206206

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

S12187 ↓ S12206 } RC/ 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

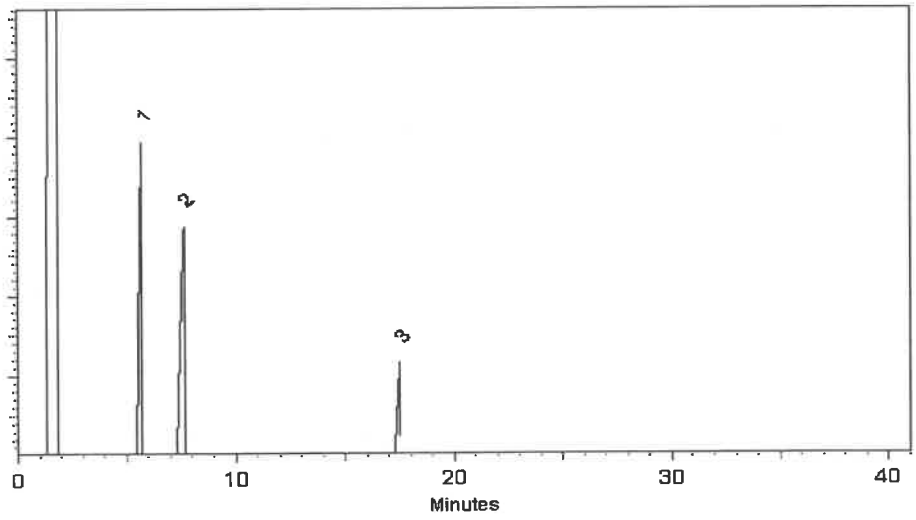
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31087 **Lot No.:** A0206206

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

S12187 ↓ S12206 } RC/ 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

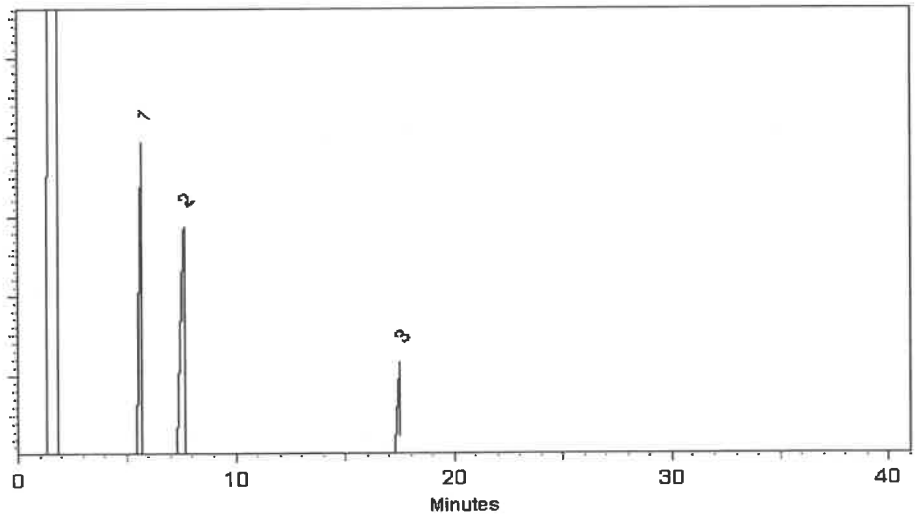
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Catalog No. : 31087 **Lot No.:** A0206206

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

S12187 ↓ S12206 } RC/ 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
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@ 10°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
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Det. Type:
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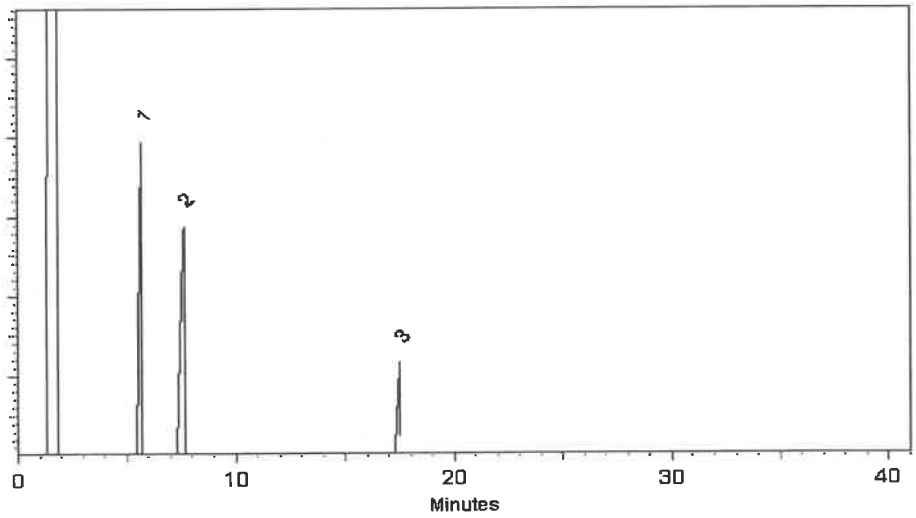
Split Vent:
2 ml/min.

Inj. Vol
1µl



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Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31087 **Lot No.:** A0206206

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

S12187 ↓ S12206 } RC/ 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

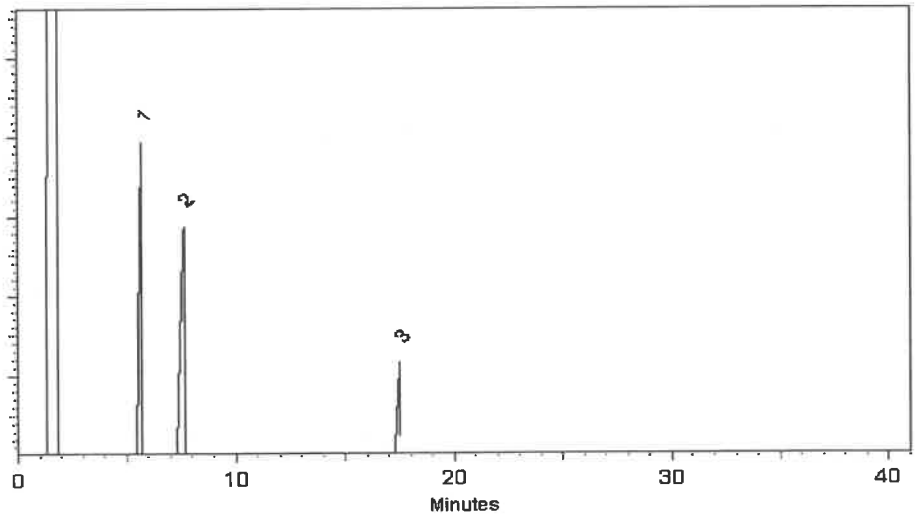
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Catalog No. : 31087 **Lot No.:** A0206206

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

S12187 ↓ S12206 } RC/ 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

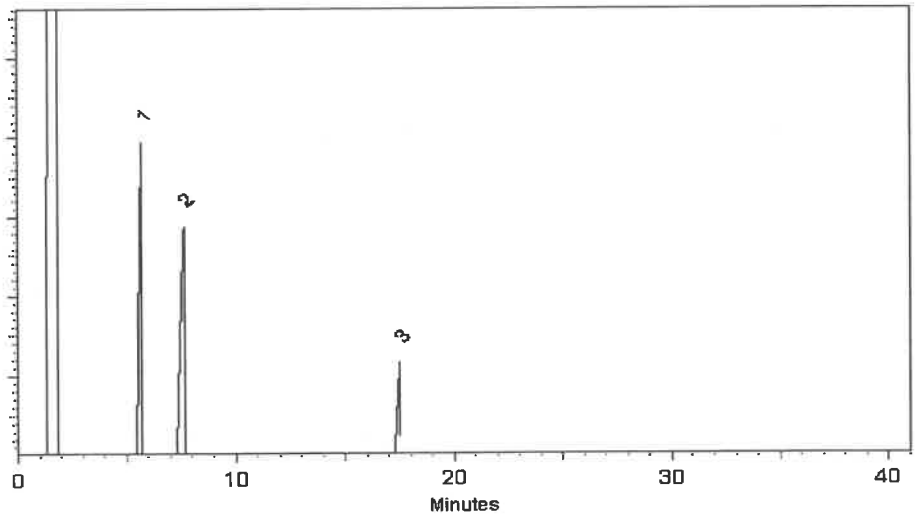
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

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Catalog No. : 31087 **Lot No.:** A0206206

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

S12187 ↓ S12206 } RC/ 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

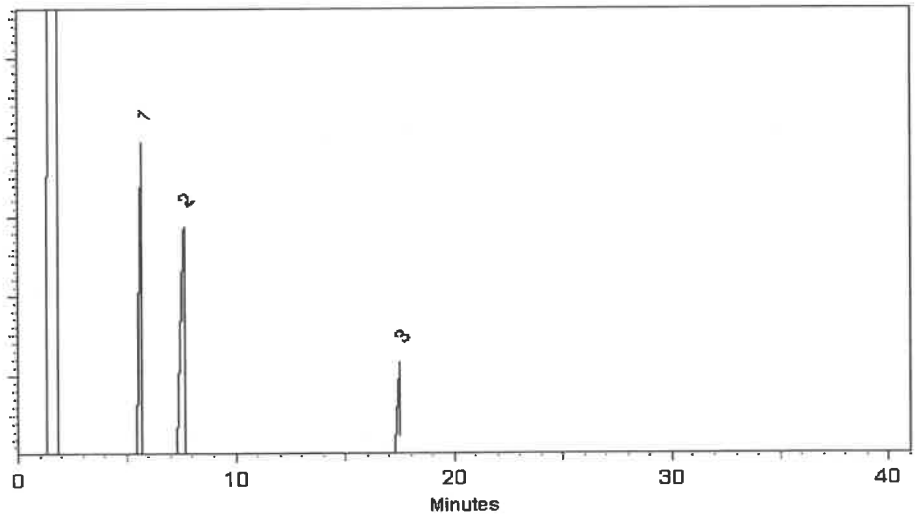
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

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Certificate of Analysis

chromatographic plus

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31086 **Lot No.:** A0206381

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

S12207 ↓ S12221 RC/ 03/18/24

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : December 31, 2029 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Nitrobenzene-d5	4165-60-0	I-25158	99%	5,029.3 µg/mL	+/- 226.5204
2	2-Fluorobiphenyl	321-60-8	00021384	99%	5,030.9 µg/mL	+/- 226.5936
3	p-Terphenyl-d14	1718-51-0	PR-32599	99%	5,026.4 µg/mL	+/- 226.3909

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

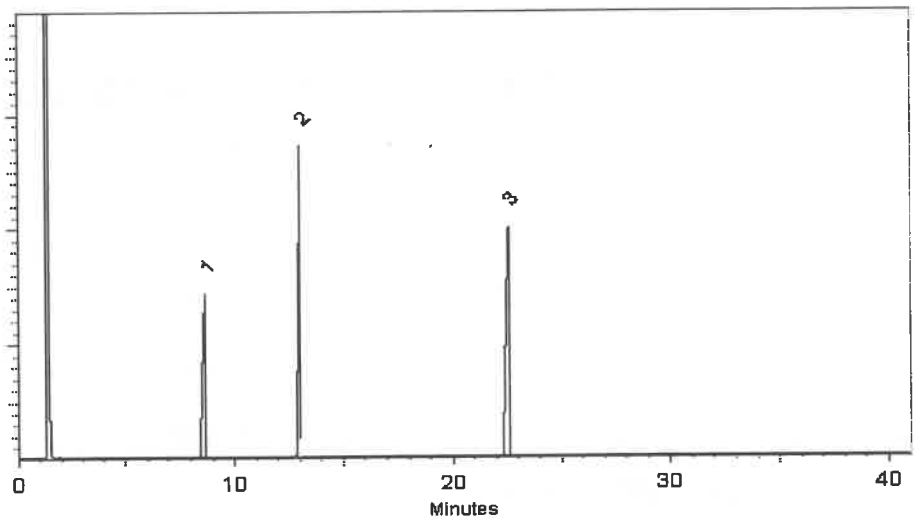
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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Jess Hoy - Operations Tech I

Date Mixed: 09-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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chromatographic plus

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Catalog No. : 31086 **Lot No.:** A0206381

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

S12207 ↓ S12221 RC/ 03/18/24

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : December 31, 2029 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Nitrobenzene-d5	4165-60-0	I-25158	99%	5,029.3 µg/mL	+/- 226.5204
2	2-Fluorobiphenyl	321-60-8	00021384	99%	5,030.9 µg/mL	+/- 226.5936
3	p-Terphenyl-d14	1718-51-0	PR-32599	99%	5,026.4 µg/mL	+/- 226.3909

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

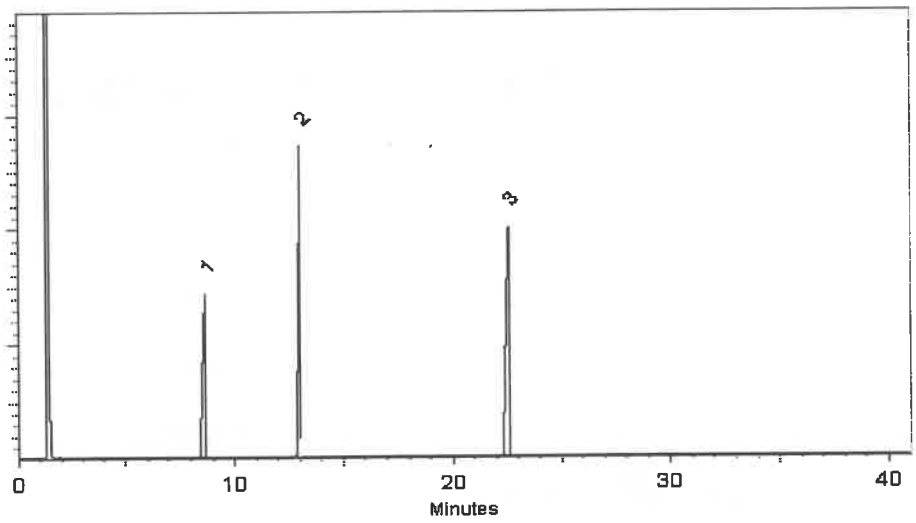
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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Jess Hoy - Operations Tech I

Date Mixed: 09-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Catalog No. : 31086 **Lot No.:** A0206381

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

S12207 ↓ S12221 RC/ 03/18/24

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : December 31, 2029 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Nitrobenzene-d5	4165-60-0	I-25158	99%	5,029.3 µg/mL	+/- 226.5204
2	2-Fluorobiphenyl	321-60-8	00021384	99%	5,030.9 µg/mL	+/- 226.5936
3	p-Terphenyl-d14	1718-51-0	PR-32599	99%	5,026.4 µg/mL	+/- 226.3909

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

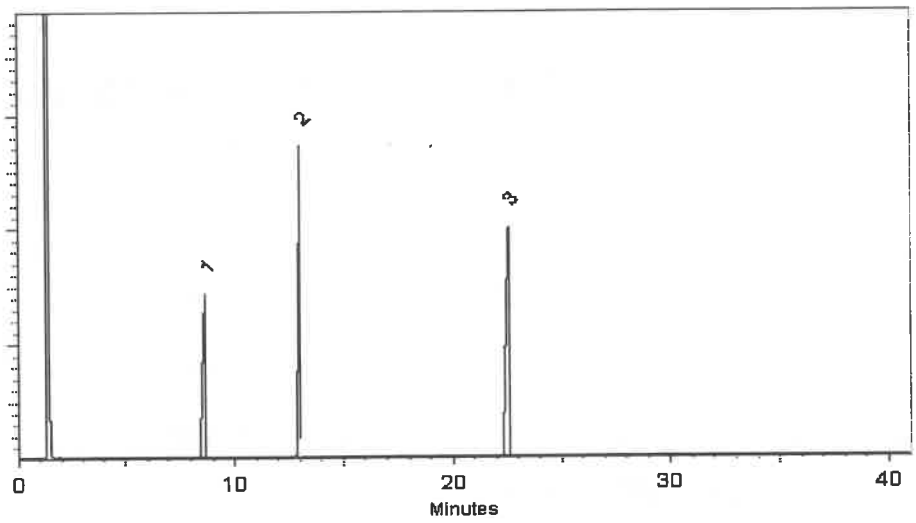
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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Jess Hoy - Operations Tech I

Date Mixed: 09-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-Jan-2024

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Catalog No. : 31086 **Lot No.:** A0206381

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

S12207 ↓ S12221 RC/ 03/18/24

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : December 31, 2029 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Nitrobenzene-d5	4165-60-0	I-25158	99%	5,029.3 µg/mL	+/- 226.5204
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3	p-Terphenyl-d14	1718-51-0	PR-32599	99%	5,026.4 µg/mL	+/- 226.3909

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

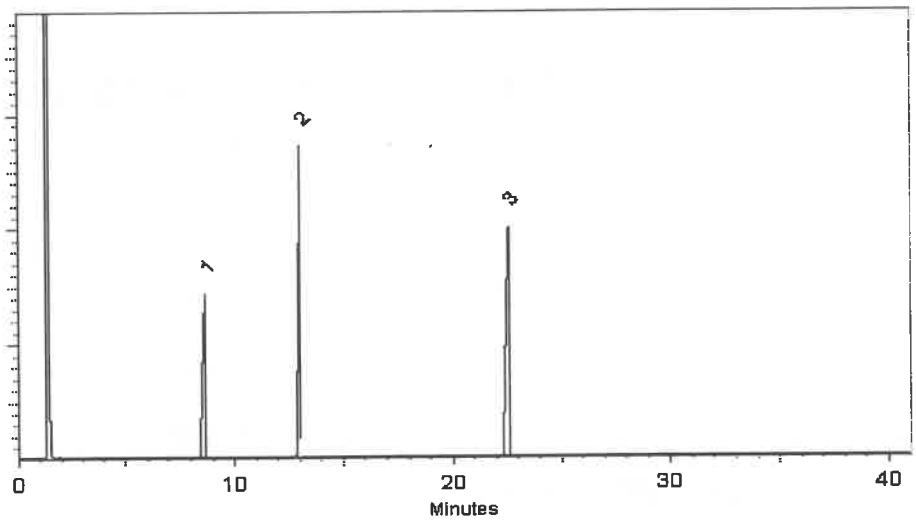
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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Jess Hoy - Operations Tech I

Date Mixed: 09-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-Jan-2024

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Catalog No. : 31086 **Lot No.:** A0206381

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

S12207 ↓ S12221 RC/ 03/18/24

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : December 31, 2029 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
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3	p-Terphenyl-d14	1718-51-0	PR-32599	99%	5,026.4 µg/mL	+/- 226.3909

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

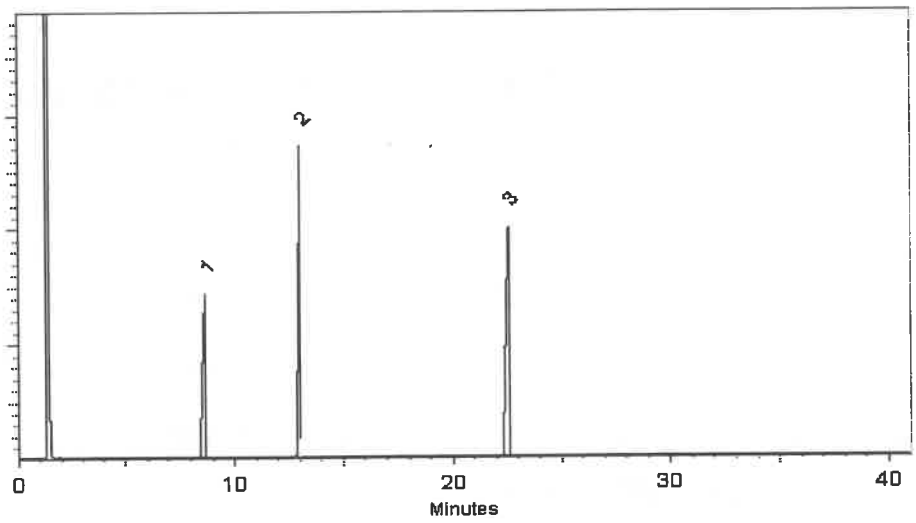
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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Jess Hoy - Operations Tech I

Date Mixed: 09-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

S12207 ↓ S12221 RC/ 03/18/24

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : December 31, 2029 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
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2	2-Fluorobiphenyl	321-60-8	00021384	99%	5,030.9 µg/mL	+/- 226.5936
3	p-Terphenyl-d14	1718-51-0	PR-32599	99%	5,026.4 µg/mL	+/- 226.3909

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

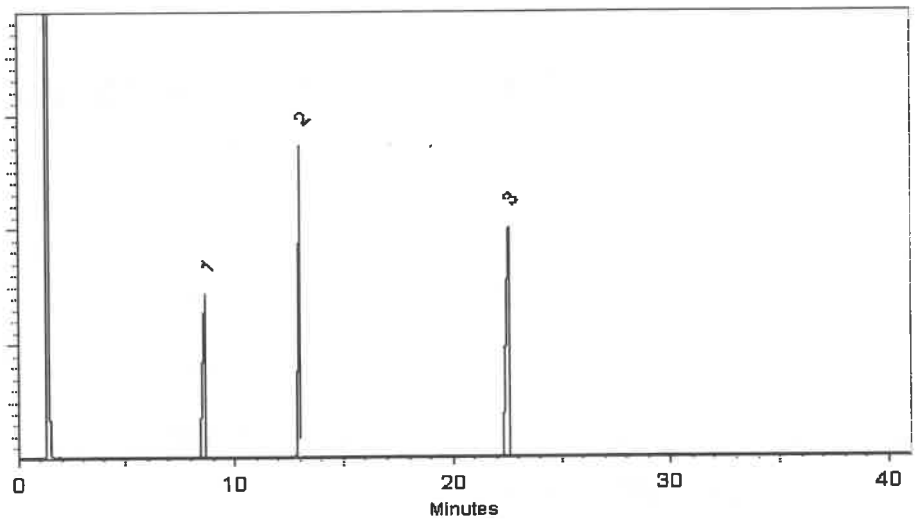
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Jess Hoy - Operations Tech I

Date Mixed: 09-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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110 Benner Circle
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Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31086 **Lot No.:** A0206381

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

S12207 ↓ S12221 RC/ 03/18/24

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : December 31, 2029 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Nitrobenzene-d5	4165-60-0	I-25158	99%	5,029.3 µg/mL	+/- 226.5204
2	2-Fluorobiphenyl	321-60-8	00021384	99%	5,030.9 µg/mL	+/- 226.5936
3	p-Terphenyl-d14	1718-51-0	PR-32599	99%	5,026.4 µg/mL	+/- 226.3909

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

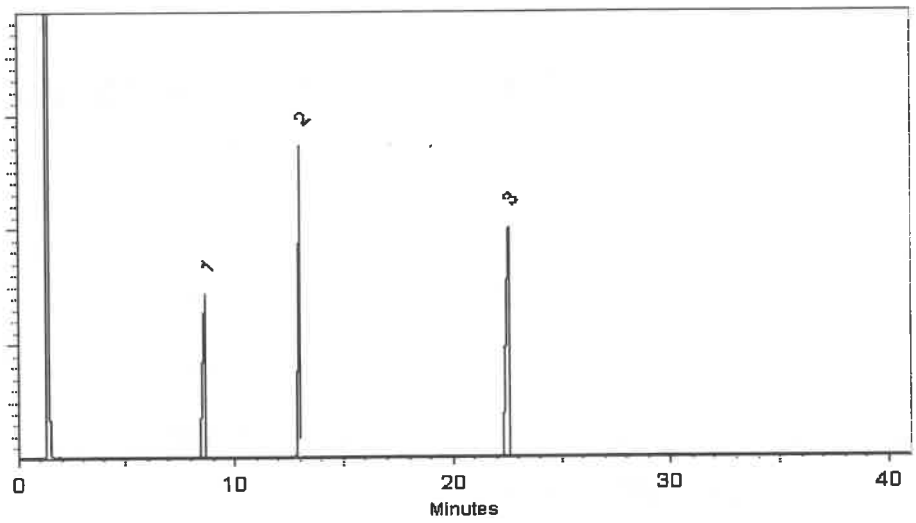
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Jess Hoy - Operations Tech I

Date Mixed: 09-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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CERTIFIED REFERENCE MATERIAL

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31086 **Lot No.:** A0206381

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

S12207 ↓ S12221 RC/ 03/18/24

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : December 31, 2029 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Nitrobenzene-d5	4165-60-0	I-25158	99%	5,029.3 µg/mL	+/- 226.5204
2	2-Fluorobiphenyl	321-60-8	00021384	99%	5,030.9 µg/mL	+/- 226.5936
3	p-Terphenyl-d14	1718-51-0	PR-32599	99%	5,026.4 µg/mL	+/- 226.3909

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

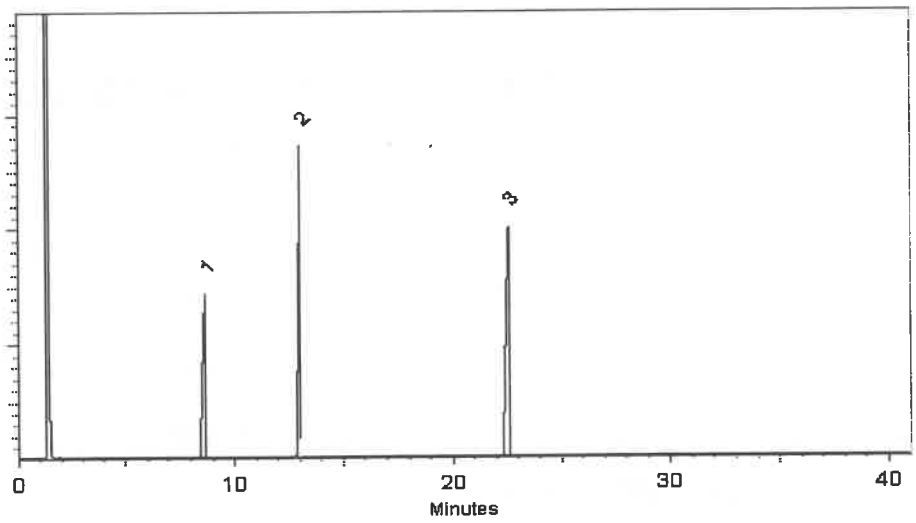
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Jess Hoy - Operations Tech I

Date Mixed: 09-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110381-01	520963	≤ -10 °C	Methylene Chloride	10/10/2028	Method 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
acenaphthene	83-32-9	99.9	13.1.5P	1010 ± 9.89
acenaphthylene	208-96-8	97.6	14.290.1P	1014 ± 9.93
aniline	62-53-3	99.97	64.1.4P	1001 ± 9.8
anthracene	120-12-7	99.5	15.7.1P	999.6 ± 9.79
azobenzene	103-33-3	98.1	252.7.2P	999.1 ± 9.8
benzo[a]anthracene	56-55-3	100	16.7.3P	1007 ± 9.86
benzo[b]fluoranthene	205-99-2	99.8	17.421.3P	1011 ± 14.11
benzo[k]fluoranthene	207-08-9	98.9	18.421.4P	1001 ± 10.96
benzo[ghi]perylene	191-24-2	93	19.286.4P	999.6 ± 13.95
benzo[a]pyrene	50-32-8	97	20.286.2P	999.9 ± 22.24
benzyl alcohol	100-51-6	99.9	65.18.1P	1001 ± 9.82
bis(2-chloroethoxy)methane	111-91-1	99.1	31.3.15P	1000 ± 14.69
bis(2-chloroethyl)ether	111-44-4	99.8	32.7.1P	1003 ± 13.89
bis(2-chloro-1-methylethyl) ether	108-60-1	99.5	34.3.15P	999.4 ± 14.68
bis(2-ethylhexyl)adipate	103-23-1	99.5	874.7.1P	999.5 ± 9.8
bis(2-ethylhexyl)phthalate	117-81-7	99.4	33.29.1P	998.8 ± 17.03
4-bromophenyl phenyl ether	101-55-3	99.4	35.7.1.1P	1000 ± 13.85
butyl benzyl phthalate	85-68-7	98.4	36.1.6P	984.7 ± 16.79
carbazole	86-74-8	99.4	239.7.2P	1000 ± 9.8

S12270 ↓ S12274 } RC 05/24/24

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

Certificate of Analysis

Catalog No.: Z-110381-01 **Lot No.:** 520963 **Expiration Date:** 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
4-chloroaniline	106-47-8	100	66.7.1P	1000 ± 9.79
4-chlorophenylphenyl ether	7005-72-3	98	37.158.2P	1001 ± 17.07
4-chloro-3-methylphenol	59-50-7	99	102.1.2P	1006 ± 17.16
2-chloronaphthalene	91-58-7	99.9	42.7.6P	1000 ± 9.79
2-chlorophenol	95-57-8	99.8	103.7.1P	1007 ± 13.96
chrysene	218-01-9	96	21.286.2P	998.4 ± 12.85
dibenz[a,h]anthracene	53-70-3	99.44	22.286.3P	1000 ± 9.74
dibenzofuran	132-64-9	100	67.7.2.1P	1002 ± 9.77
di-n-butyl phthalate	84-74-2	99.84	40.286.1P	1007 ± 24.48
1,2-dichlorobenzene	95-50-1	99.8	43.7.1P	1000 ± 9.79
1,3-dichlorobenzene	541-73-1	99.5	44.1.3P	999.4 ± 9.79
1,4-dichlorobenzene	106-46-7	99.9	45.29.2P	1000 ± 9.79
2,4-dichlorophenol	120-83-2	99.6	104.7.1.1P	1005 ± 13.93
diethyl phthalate	84-66-2	99.8	38.7.1P	1011 ± 14
2,4-dimethylphenol	105-67-9	99.6	105.7.1.1P	1009 ± 13.98
dimethyl phthalate	131-11-3	99.9	39.9.2P	996.5 ± 13.8
1,2-dinitrobenzene	528-29-0	99.86	86.7.3.1P	999.5 ± 9.75
1,3-dinitrobenzene	99-65-0	100	313.7.2P	998 ± 9.79
1,4-dinitrobenzene	100-25-4	100	907.7.1P	999.5 ± 9.8
2,4-dinitrophenol	51-28-5	99.9	106.1.6DP	1002 ± 13.89
2,4-dinitrotoluene	121-14-2	100	87.7.3P	999.8 ± 13.85
2,6-dinitrotoluene	606-20-2	99.4	88.7.2.1P	999.6 ± 13.85
di-n-octyl phthalate	117-84-0	99.1	41.7.5P	991.6 ± 13.74
diphenylamine	122-39-4	100	78.1.6P	998 ± 13.79
2,3,5,6-tetrachlorophenol	935-95-5	97	1112.286.1P	1004 ± 14.02
fluoranthene	206-44-0	98.6	23.7.4P	999.6 ± 9.79
fluorene	86-73-7	98.4	24.7.1P	999.7 ± 9.79

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

Certificate of Analysis

Catalog No.: Z-110381-01 **Lot No.:** 520963 **Expiration Date:** 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
hexachlorobenzene	118-74-1	99	46.158.4P	999.9 ± 13.96
hexachlorobutadiene	87-68-3	97.4	47.1.4P	1000 ± 9.79
hexachlorocyclopentadiene	77-47-4	99.2	48.2.2P	1001 ± 9.8
hexachloroethane	67-72-1	99.9	49.1.4P	1003 ± 9.82
indeno[1,2,3-cd]pyrene	193-39-5	98	25.286.4P	999.4 ± 22.23
isophorone	78-59-1	98.9	90.1.4P	999.9 ± 13.85
2-methyl-4,6-dinitrophenol	534-52-1	99.6	107.421.2DP	991 ± 24.09
1-methylnaphthalene	90-12-0	97.1	249.7.5P	999.2 ± 13.95
2-methylnaphthalene	91-57-6	97.4	68.7.2P	1006 ± 22.38
2-methylphenol	95-48-7	99.6	114.7.3P	1001 ± 13.87
3-methylphenol	108-39-4	99.1	115.7.4P	499.7 ± 6.92
4-methylphenol	106-44-5	99.5	116.7.1P	501.2 ± 6.94
naphthalene	91-20-3	99.8	26.9.1P	1018 ± 9.97
2-nitroaniline	88-74-4	99.7	69.29.1P	999.6 ± 9.79
3-nitroaniline	99-09-2	100	70.7.3P	1000 ± 9.74
4-nitroaniline	100-01-6	99.7	71.29.1P	1001 ± 9.8
nitrobenzene	98-95-3	100	94.7.1P	1000 ± 13.85
2-nitrophenol	88-75-5	99.1	108.29.1P	996.5 ± 13.81
4-nitrophenol	100-02-7	100	109.7.1P	1000 ± 13.82
N-nitrosodimethylamine	62-75-9	99.5	57.3.19P	998.5 ± 14.67
N-nitrosodi-n-propylamine	621-64-7	99.8	59.286.1P	996.8 ± 17
pentachlorophenol	87-86-5	99	110.1.7P	1004 ± 13.92
phenanthrene	85-01-8	99.7	27.1.5P	999 ± 12.87
phenol	108-95-2	100	112.7.1P	998.5 ± 13.8
pyrene	129-00-0	99.2	28.9.2P	998.9 ± 9.78
pyridine	110-86-1	100	101.24.1P	999 ± 9.73
2,3,4,6-Tetrachlorophenol	58-90-2	91.8	120.421.1P	996.5 ± 13.92

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

Certificate of Analysis

Catalog No.: Z-110381-01 **Lot No.:** 520963 **Expiration Date:** 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,2,4-trichlorobenzene	120-82-1	99.6	54.29.1P	999.6 ± 9.79
2,4,5-trichlorophenol	95-95-4	96.5	121.7.1.1P	999.5 ± 13.85
2,4,6-trichlorophenol	88-06-2	99.6	113.7.1P	996 ± 13.8

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
Chemist

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Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-010442-07	495833	≤ -10 °C	Methylene Chloride	1/16/2028	Benzaldehyde Solution, 1000 mg/L, 1.3 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
benzaldehyde	100-52-7	98.3	442.421.1P	996.8 ± 11.49

S12275 ↓ S12279 } RC/ 05/24/24

*Not a certified value

Certified By: S. Hunter

Scott Hunter
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricllly.

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Bellefonte, PA 16823-8812
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
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Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

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Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

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$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

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Manufacturing Notes:

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Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

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- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
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- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

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- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

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- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

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- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
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Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

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- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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Catalog No. : 31615 **Lot No.:** A0212955

Description : GC/MS Tuning Mixture

GC/MS Tuning Mixture 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2027 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,004.5 µg/mL	+/- 44.8902
2	DFTPP (Decafluorotriphenylphosphine)	5074-71-5	Q117-147	99%	1,004.5 µg/mL	+/- 44.8902
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 44.9572
4	4,4'-DDT	50-29-3	S240530RSR	97%	1,000.1 µg/mL	+/- 44.6922

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12577 ↓ S12579 RC 8/2/24

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

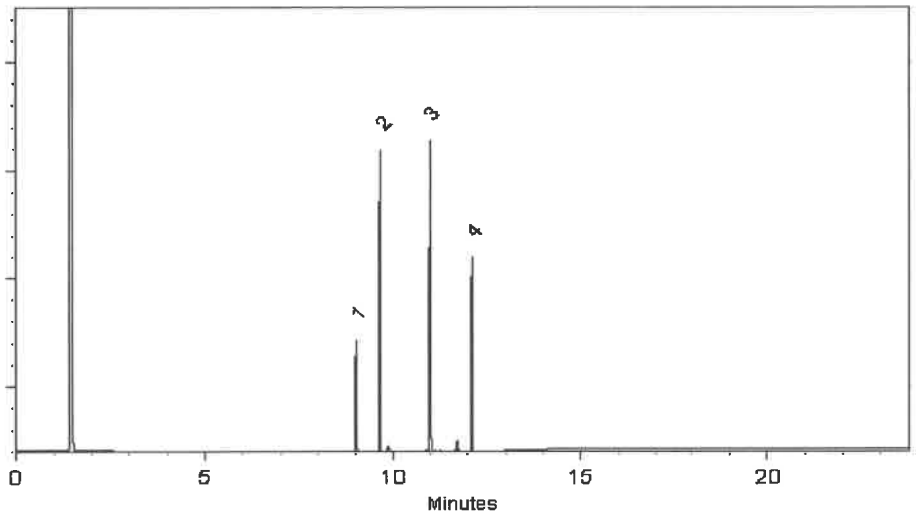
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Ethan Winiarski - Operations Tech I

Date Mixed: 19-Jun-2024 **Balance Serial #** 1128353505

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 26-Jun-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Certificate of Analysis

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31206 **Lot No.:** A0212266

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,000.6 µg/mL	+/- 90.1075
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.3 µg/mL	+/- 90.0925
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.4 µg/mL	+/- 90.1000
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.5 µg/mL	+/- 90.1037
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.7 µg/mL	+/- 90.1112
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.6 µg/mL	+/- 90.1075

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12645 ↓ S12674 AC 10/1/24

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Catalog No. : 31206 **Lot No.:** A0212266

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,000.6 µg/mL	+/- 90.1075
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.3 µg/mL	+/- 90.0925
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.4 µg/mL	+/- 90.1000
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.5 µg/mL	+/- 90.1037
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.7 µg/mL	+/- 90.1112
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.6 µg/mL	+/- 90.1075

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12645 ↓ S12674 AC 10/1/24

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Catalog No. : 31206 **Lot No.:** A0212266

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,000.6 µg/mL	+/- 90.1075
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.3 µg/mL	+/- 90.0925
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.4 µg/mL	+/- 90.1000
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.5 µg/mL	+/- 90.1037
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.7 µg/mL	+/- 90.1112
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.6 µg/mL	+/- 90.1075

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12645 ↓ S12674 AC 10/1/24

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31206 **Lot No.:** A0212266

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,000.6 µg/mL	+/- 90.1075
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.3 µg/mL	+/- 90.0925
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.4 µg/mL	+/- 90.1000
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.5 µg/mL	+/- 90.1037
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.7 µg/mL	+/- 90.1112
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.6 µg/mL	+/- 90.1075

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12645 ↓ S12674 AC 10/1/24

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received:_____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110816-01	414127	≤-10 °C	Methylene Chloride	6/21/2025	Custom 8270 Mix, 4-79, 1000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
atrazine	1912-24-9	99.5	337.7.3P	997 ± 5.81
benzidine	92-87-5	99.9	124.18.6.2P	991.8 ± 5.77
caprolactam	105-60-2	99.9	271.1.6P	999 ± 5.82

S12280 ↓ S12284 RCI 05/24/24

New numbers Generated.

S12790 ↓ S12794 RCI 11/12/24

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: _____
Shane Overcash
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

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CERTIFIED REFERENCE MATERIAL

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0219438

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

S12963 → S12992 AC 12/17/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,008.3 µg/mL	+/- 36.6849
2	N-Nitrosodimethylamine	62-75-9	S240313RSR	99%	1,008.6 µg/mL	+/- 36.6985
3	Phenol	108-95-2	MKCK1120	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,002.9 µg/mL	+/- 36.4893
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.0 µg/mL	+/- 36.4938
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.6 µg/mL	+/- 36.5894
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.1 µg/mL	+/- 36.5348
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,002.1 µg/mL	+/- 36.4620
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,003.5 µg/mL	+/- 36.5120
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,005.3 µg/mL	+/- 36.5757
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,008.4 µg/mL	+/- 36.6894
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,004.6 µg/mL	+/- 36.5530
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 18.2697
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.8 µg/mL	+/- 18.3288
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,006.5 µg/mL	+/- 36.6212
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.5 µg/mL	+/- 36.5484
17	Nitrobenzene	98-95-3	10224044	99%	1,002.5 µg/mL	+/- 36.4757

18	Isophorone	78-59-1	MKCR3249	99%	1,003.4	µg/mL	+/- 36.5075
19	2-Nitrophenol	88-75-5	RP230710	99%	1,002.5	µg/mL	+/- 36.4757
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,006.5	µg/mL	+/- 36.6212
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,006.6	µg/mL	+/- 36.6257
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,001.5	µg/mL	+/- 36.4393
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,006.4	µg/mL	+/- 36.6166
24	Naphthalene	91-20-3	STBL1057	99%	1,002.1	µg/mL	+/- 36.4620
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.4	µg/mL	+/- 36.5439
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.5	µg/mL	+/- 36.4771
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,004.5	µg/mL	+/- 36.5484
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.0	µg/mL	+/- 36.3847
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/- 36.4325
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,006.4	µg/mL	+/- 36.6166
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.6	µg/mL	+/- 36.5505
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,004.3	µg/mL	+/- 36.5393
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.4	µg/mL	+/- 36.5439
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,002.8	µg/mL	+/- 36.4847
36	Acenaphthylene	208-96-8	RP241029RSR	98%	1,000.0	µg/mL	+/- 36.3835
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,006.3	µg/mL	+/- 36.6121
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,008.9	µg/mL	+/- 36.7076
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,006.6	µg/mL	+/- 36.6257
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,002.5	µg/mL	+/- 36.4757
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5530
43	2,4-Dinitrophenol	51-28-5	D240927RSR	----%	1,005.6	µg/mL	+/- 36.5894
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,003.5	µg/mL	+/- 36.5120
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,008.3	µg/mL	+/- 36.6849
46	4-Nitrophenol	100-02-7	20241029-2-AN	99%	1,004.8	µg/mL	+/- 36.5575
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,005.8	µg/mL	+/- 36.5939
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP231219RSR	99%	1,006.4	µg/mL	+/- 36.6166
49	Fluorene	86-73-7	10246250	98%	1,000.7	µg/mL	+/- 36.4102
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,004.9	µg/mL	+/- 36.5621
51	Diethylphthalate	84-66-2	BCCJ6241	99%	1,003.9	µg/mL	+/- 36.5257
52	4-Nitroaniline	100-01-6	RP230111	99%	1,006.6	µg/mL	+/- 36.6257
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,001.3	µg/mL	+/- 36.4302

54	Diphenylamine	122-39-4	MKCT1512	99%	1,003.0	µg/mL	+/- 36.4938
55	Azobenzene	103-33-3	BCCK0887	99%	1,002.4	µg/mL	+/- 36.4711
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,008.8	µg/mL	+/- 36.7031
57	Hexachlorobenzene	118-74-1	15458400	99%	1,005.1	µg/mL	+/- 36.5712
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.9	µg/mL	+/- 36.5984
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.9	µg/mL	+/- 36.5621
60	Anthracene	120-12-7	101492T18R	99%	1,005.1	µg/mL	+/- 36.5712
61	Carbazole	86-74-8	15276700	99%	1,005.4	µg/mL	+/- 36.5803
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,006.3	µg/mL	+/- 36.6121
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,003.5	µg/mL	+/- 36.5120
64	Pyrene	129-00-0	BCCK2592	99%	1,002.0	µg/mL	+/- 36.4575
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,007.5	µg/mL	+/- 36.6576
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.9	µg/mL	+/- 36.5984
67	Benz(a)anthracene	56-55-3	I70012022BAA	99%	1,005.5	µg/mL	+/- 36.5848
68	Chrysene	218-01-9	RP241007RSR	99%	1,005.3	µg/mL	+/- 36.5757
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,007.5	µg/mL	+/- 36.6576
70	Di-n-octyl phthalate	117-84-0	15566400	99%	1,002.3	µg/mL	+/- 36.4666
71	Benzo(b)fluoranthene	205-99-2	052013B	99%	1,004.1	µg/mL	+/- 36.5348
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,002.8	µg/mL	+/- 36.4847
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,006.2	µg/mL	+/- 36.6108
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,001.8	µg/mL	+/- 36.4490
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,003.3	µg/mL	+/- 36.5029
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,003.8	µg/mL	+/- 36.5217

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0219438

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

S12963 ↓ S12992 AC 12/17/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,008.3 µg/mL	+/- 36.6849
2	N-Nitrosodimethylamine	62-75-9	S240313RSR	99%	1,008.6 µg/mL	+/- 36.6985
3	Phenol	108-95-2	MKCK1120	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,002.9 µg/mL	+/- 36.4893
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.0 µg/mL	+/- 36.4938
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.6 µg/mL	+/- 36.5894
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.1 µg/mL	+/- 36.5348
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,002.1 µg/mL	+/- 36.4620
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,003.5 µg/mL	+/- 36.5120
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,005.3 µg/mL	+/- 36.5757
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,008.4 µg/mL	+/- 36.6894
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,004.6 µg/mL	+/- 36.5530
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 18.2697
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.8 µg/mL	+/- 18.3288
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,006.5 µg/mL	+/- 36.6212
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.5 µg/mL	+/- 36.5484
17	Nitrobenzene	98-95-3	10224044	99%	1,002.5 µg/mL	+/- 36.4757

18	Isophorone	78-59-1	MKCR3249	99%	1,003.4	µg/mL	+/- 36.5075
19	2-Nitrophenol	88-75-5	RP230710	99%	1,002.5	µg/mL	+/- 36.4757
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,006.5	µg/mL	+/- 36.6212
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,006.6	µg/mL	+/- 36.6257
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,001.5	µg/mL	+/- 36.4393
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,006.4	µg/mL	+/- 36.6166
24	Naphthalene	91-20-3	STBL1057	99%	1,002.1	µg/mL	+/- 36.4620
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.4	µg/mL	+/- 36.5439
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.5	µg/mL	+/- 36.4771
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,004.5	µg/mL	+/- 36.5484
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.0	µg/mL	+/- 36.3847
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/- 36.4325
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,006.4	µg/mL	+/- 36.6166
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.6	µg/mL	+/- 36.5505
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,004.3	µg/mL	+/- 36.5393
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.4	µg/mL	+/- 36.5439
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,002.8	µg/mL	+/- 36.4847
36	Acenaphthylene	208-96-8	RP241029RSR	98%	1,000.0	µg/mL	+/- 36.3835
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,006.3	µg/mL	+/- 36.6121
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,008.9	µg/mL	+/- 36.7076
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,006.6	µg/mL	+/- 36.6257
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,002.5	µg/mL	+/- 36.4757
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5530
43	2,4-Dinitrophenol	51-28-5	D240927RSR	----%	1,005.6	µg/mL	+/- 36.5894
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,003.5	µg/mL	+/- 36.5120
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,008.3	µg/mL	+/- 36.6849
46	4-Nitrophenol	100-02-7	20241029-2-AN	99%	1,004.8	µg/mL	+/- 36.5575
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,005.8	µg/mL	+/- 36.5939
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP231219RSR	99%	1,006.4	µg/mL	+/- 36.6166
49	Fluorene	86-73-7	10246250	98%	1,000.7	µg/mL	+/- 36.4102
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,004.9	µg/mL	+/- 36.5621
51	Diethylphthalate	84-66-2	BCCJ6241	99%	1,003.9	µg/mL	+/- 36.5257
52	4-Nitroaniline	100-01-6	RP230111	99%	1,006.6	µg/mL	+/- 36.6257
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,001.3	µg/mL	+/- 36.4302

54	Diphenylamine	122-39-4	MKCT1512	99%	1,003.0	µg/mL	+/- 36.4938
55	Azobenzene	103-33-3	BCCK0887	99%	1,002.4	µg/mL	+/- 36.4711
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,008.8	µg/mL	+/- 36.7031
57	Hexachlorobenzene	118-74-1	15458400	99%	1,005.1	µg/mL	+/- 36.5712
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.9	µg/mL	+/- 36.5984
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.9	µg/mL	+/- 36.5621
60	Anthracene	120-12-7	101492T18R	99%	1,005.1	µg/mL	+/- 36.5712
61	Carbazole	86-74-8	15276700	99%	1,005.4	µg/mL	+/- 36.5803
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,006.3	µg/mL	+/- 36.6121
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,003.5	µg/mL	+/- 36.5120
64	Pyrene	129-00-0	BCCK2592	99%	1,002.0	µg/mL	+/- 36.4575
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,007.5	µg/mL	+/- 36.6576
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.9	µg/mL	+/- 36.5984
67	Benz(a)anthracene	56-55-3	I70012022BAA	99%	1,005.5	µg/mL	+/- 36.5848
68	Chrysene	218-01-9	RP241007RSR	99%	1,005.3	µg/mL	+/- 36.5757
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,007.5	µg/mL	+/- 36.6576
70	Di-n-octyl phthalate	117-84-0	15566400	99%	1,002.3	µg/mL	+/- 36.4666
71	Benzo(b)fluoranthene	205-99-2	052013B	99%	1,004.1	µg/mL	+/- 36.5348
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,002.8	µg/mL	+/- 36.4847
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,006.2	µg/mL	+/- 36.6108
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,001.8	µg/mL	+/- 36.4490
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,003.3	µg/mL	+/- 36.5029
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,003.8	µg/mL	+/- 36.5217

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0219438

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

S12963 → S12992 AC 12/17/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,008.3 µg/mL	+/- 36.6849
2	N-Nitrosodimethylamine	62-75-9	S240313RSR	99%	1,008.6 µg/mL	+/- 36.6985
3	Phenol	108-95-2	MKCK1120	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,002.9 µg/mL	+/- 36.4893
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.0 µg/mL	+/- 36.4938
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.6 µg/mL	+/- 36.5894
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.1 µg/mL	+/- 36.5348
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,002.1 µg/mL	+/- 36.4620
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,003.5 µg/mL	+/- 36.5120
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,005.3 µg/mL	+/- 36.5757
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,008.4 µg/mL	+/- 36.6894
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,004.6 µg/mL	+/- 36.5530
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 18.2697
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.8 µg/mL	+/- 18.3288
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,006.5 µg/mL	+/- 36.6212
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.5 µg/mL	+/- 36.5484
17	Nitrobenzene	98-95-3	10224044	99%	1,002.5 µg/mL	+/- 36.4757

18	Isophorone	78-59-1	MKCR3249	99%	1,003.4	µg/mL	+/- 36.5075
19	2-Nitrophenol	88-75-5	RP230710	99%	1,002.5	µg/mL	+/- 36.4757
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,006.5	µg/mL	+/- 36.6212
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,006.6	µg/mL	+/- 36.6257
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,001.5	µg/mL	+/- 36.4393
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,006.4	µg/mL	+/- 36.6166
24	Naphthalene	91-20-3	STBL1057	99%	1,002.1	µg/mL	+/- 36.4620
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.4	µg/mL	+/- 36.5439
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.5	µg/mL	+/- 36.4771
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,004.5	µg/mL	+/- 36.5484
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.0	µg/mL	+/- 36.3847
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/- 36.4325
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,006.4	µg/mL	+/- 36.6166
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.6	µg/mL	+/- 36.5505
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,004.3	µg/mL	+/- 36.5393
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.4	µg/mL	+/- 36.5439
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,002.8	µg/mL	+/- 36.4847
36	Acenaphthylene	208-96-8	RP241029RSR	98%	1,000.0	µg/mL	+/- 36.3835
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,006.3	µg/mL	+/- 36.6121
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,008.9	µg/mL	+/- 36.7076
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,006.6	µg/mL	+/- 36.6257
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,002.5	µg/mL	+/- 36.4757
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5530
43	2,4-Dinitrophenol	51-28-5	D240927RSR	----%	1,005.6	µg/mL	+/- 36.5894
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,003.5	µg/mL	+/- 36.5120
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,008.3	µg/mL	+/- 36.6849
46	4-Nitrophenol	100-02-7	20241029-2-AN	99%	1,004.8	µg/mL	+/- 36.5575
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,005.8	µg/mL	+/- 36.5939
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP231219RSR	99%	1,006.4	µg/mL	+/- 36.6166
49	Fluorene	86-73-7	10246250	98%	1,000.7	µg/mL	+/- 36.4102
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,004.9	µg/mL	+/- 36.5621
51	Diethylphthalate	84-66-2	BCCJ6241	99%	1,003.9	µg/mL	+/- 36.5257
52	4-Nitroaniline	100-01-6	RP230111	99%	1,006.6	µg/mL	+/- 36.6257
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,001.3	µg/mL	+/- 36.4302

54	Diphenylamine	122-39-4	MKCT1512	99%	1,003.0	µg/mL	+/- 36.4938
55	Azobenzene	103-33-3	BCCK0887	99%	1,002.4	µg/mL	+/- 36.4711
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,008.8	µg/mL	+/- 36.7031
57	Hexachlorobenzene	118-74-1	15458400	99%	1,005.1	µg/mL	+/- 36.5712
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.9	µg/mL	+/- 36.5984
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.9	µg/mL	+/- 36.5621
60	Anthracene	120-12-7	101492T18R	99%	1,005.1	µg/mL	+/- 36.5712
61	Carbazole	86-74-8	15276700	99%	1,005.4	µg/mL	+/- 36.5803
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,006.3	µg/mL	+/- 36.6121
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,003.5	µg/mL	+/- 36.5120
64	Pyrene	129-00-0	BCCK2592	99%	1,002.0	µg/mL	+/- 36.4575
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,007.5	µg/mL	+/- 36.6576
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.9	µg/mL	+/- 36.5984
67	Benz(a)anthracene	56-55-3	I70012022BAA	99%	1,005.5	µg/mL	+/- 36.5848
68	Chrysene	218-01-9	RP241007RSR	99%	1,005.3	µg/mL	+/- 36.5757
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,007.5	µg/mL	+/- 36.6576
70	Di-n-octyl phthalate	117-84-0	15566400	99%	1,002.3	µg/mL	+/- 36.4666
71	Benzo(b)fluoranthene	205-99-2	052013B	99%	1,004.1	µg/mL	+/- 36.5348
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,002.8	µg/mL	+/- 36.4847
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,006.2	µg/mL	+/- 36.6108
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,001.8	µg/mL	+/- 36.4490
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,003.3	µg/mL	+/- 36.5029
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,003.8	µg/mL	+/- 36.5217

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0219438

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

S12963 → S12992 AC 12/17/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,008.3 µg/mL	+/- 36.6849
2	N-Nitrosodimethylamine	62-75-9	S240313RSR	99%	1,008.6 µg/mL	+/- 36.6985
3	Phenol	108-95-2	MKCK1120	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,002.9 µg/mL	+/- 36.4893
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.0 µg/mL	+/- 36.4938
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.6 µg/mL	+/- 36.5894
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.1 µg/mL	+/- 36.5348
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,002.1 µg/mL	+/- 36.4620
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,003.5 µg/mL	+/- 36.5120
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,005.3 µg/mL	+/- 36.5757
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,008.4 µg/mL	+/- 36.6894
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,004.6 µg/mL	+/- 36.5530
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 18.2697
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.8 µg/mL	+/- 18.3288
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,006.5 µg/mL	+/- 36.6212
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.5 µg/mL	+/- 36.5484
17	Nitrobenzene	98-95-3	10224044	99%	1,002.5 µg/mL	+/- 36.4757

18	Isophorone	78-59-1	MKCR3249	99%	1,003.4	µg/mL	+/- 36.5075
19	2-Nitrophenol	88-75-5	RP230710	99%	1,002.5	µg/mL	+/- 36.4757
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,006.5	µg/mL	+/- 36.6212
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,006.6	µg/mL	+/- 36.6257
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,001.5	µg/mL	+/- 36.4393
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,006.4	µg/mL	+/- 36.6166
24	Naphthalene	91-20-3	STBL1057	99%	1,002.1	µg/mL	+/- 36.4620
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.4	µg/mL	+/- 36.5439
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.5	µg/mL	+/- 36.4771
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,004.5	µg/mL	+/- 36.5484
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.0	µg/mL	+/- 36.3847
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/- 36.4325
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,006.4	µg/mL	+/- 36.6166
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.6	µg/mL	+/- 36.5505
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,004.3	µg/mL	+/- 36.5393
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.4	µg/mL	+/- 36.5439
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,002.8	µg/mL	+/- 36.4847
36	Acenaphthylene	208-96-8	RP241029RSR	98%	1,000.0	µg/mL	+/- 36.3835
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,006.3	µg/mL	+/- 36.6121
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,008.9	µg/mL	+/- 36.7076
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,006.6	µg/mL	+/- 36.6257
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,002.5	µg/mL	+/- 36.4757
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5530
43	2,4-Dinitrophenol	51-28-5	D240927RSR	----%	1,005.6	µg/mL	+/- 36.5894
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,003.5	µg/mL	+/- 36.5120
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,008.3	µg/mL	+/- 36.6849
46	4-Nitrophenol	100-02-7	20241029-2-AN	99%	1,004.8	µg/mL	+/- 36.5575
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,005.8	µg/mL	+/- 36.5939
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP231219RSR	99%	1,006.4	µg/mL	+/- 36.6166
49	Fluorene	86-73-7	10246250	98%	1,000.7	µg/mL	+/- 36.4102
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,004.9	µg/mL	+/- 36.5621
51	Diethylphthalate	84-66-2	BCCJ6241	99%	1,003.9	µg/mL	+/- 36.5257
52	4-Nitroaniline	100-01-6	RP230111	99%	1,006.6	µg/mL	+/- 36.6257
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,001.3	µg/mL	+/- 36.4302

54	Diphenylamine	122-39-4	MKCT1512	99%	1,003.0	µg/mL	+/- 36.4938
55	Azobenzene	103-33-3	BCCK0887	99%	1,002.4	µg/mL	+/- 36.4711
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,008.8	µg/mL	+/- 36.7031
57	Hexachlorobenzene	118-74-1	15458400	99%	1,005.1	µg/mL	+/- 36.5712
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.9	µg/mL	+/- 36.5984
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.9	µg/mL	+/- 36.5621
60	Anthracene	120-12-7	101492T18R	99%	1,005.1	µg/mL	+/- 36.5712
61	Carbazole	86-74-8	15276700	99%	1,005.4	µg/mL	+/- 36.5803
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,006.3	µg/mL	+/- 36.6121
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,003.5	µg/mL	+/- 36.5120
64	Pyrene	129-00-0	BCCK2592	99%	1,002.0	µg/mL	+/- 36.4575
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,007.5	µg/mL	+/- 36.6576
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.9	µg/mL	+/- 36.5984
67	Benz(a)anthracene	56-55-3	I70012022BAA	99%	1,005.5	µg/mL	+/- 36.5848
68	Chrysene	218-01-9	RP241007RSR	99%	1,005.3	µg/mL	+/- 36.5757
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,007.5	µg/mL	+/- 36.6576
70	Di-n-octyl phthalate	117-84-0	15566400	99%	1,002.3	µg/mL	+/- 36.4666
71	Benzo(b)fluoranthene	205-99-2	052013B	99%	1,004.1	µg/mL	+/- 36.5348
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,002.8	µg/mL	+/- 36.4847
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,006.2	µg/mL	+/- 36.6108
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,001.8	µg/mL	+/- 36.4490
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,003.3	µg/mL	+/- 36.5029
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,003.8	µg/mL	+/- 36.5217

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0219438

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S12963 ↓ S12992 AC 12/17/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,008.3 µg/mL	+/- 36.6849
2	N-Nitrosodimethylamine	62-75-9	S240313RSR	99%	1,008.6 µg/mL	+/- 36.6985
3	Phenol	108-95-2	MKCK1120	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,002.9 µg/mL	+/- 36.4893
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.0 µg/mL	+/- 36.4938
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.6 µg/mL	+/- 36.5894
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.1 µg/mL	+/- 36.5348
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,002.1 µg/mL	+/- 36.4620
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,003.5 µg/mL	+/- 36.5120
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,005.3 µg/mL	+/- 36.5757
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,008.4 µg/mL	+/- 36.6894
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,004.6 µg/mL	+/- 36.5530
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 18.2697
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.8 µg/mL	+/- 18.3288
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,006.5 µg/mL	+/- 36.6212
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.5 µg/mL	+/- 36.5484
17	Nitrobenzene	98-95-3	10224044	99%	1,002.5 µg/mL	+/- 36.4757

18	Isophorone	78-59-1	MKCR3249	99%	1,003.4	µg/mL	+/- 36.5075
19	2-Nitrophenol	88-75-5	RP230710	99%	1,002.5	µg/mL	+/- 36.4757
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,006.5	µg/mL	+/- 36.6212
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,006.6	µg/mL	+/- 36.6257
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,001.5	µg/mL	+/- 36.4393
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,006.4	µg/mL	+/- 36.6166
24	Naphthalene	91-20-3	STBL1057	99%	1,002.1	µg/mL	+/- 36.4620
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.4	µg/mL	+/- 36.5439
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.5	µg/mL	+/- 36.4771
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,004.5	µg/mL	+/- 36.5484
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.0	µg/mL	+/- 36.3847
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/- 36.4325
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,006.4	µg/mL	+/- 36.6166
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.6	µg/mL	+/- 36.5505
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,004.3	µg/mL	+/- 36.5393
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.4	µg/mL	+/- 36.5439
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,002.8	µg/mL	+/- 36.4847
36	Acenaphthylene	208-96-8	RP241029RSR	98%	1,000.0	µg/mL	+/- 36.3835
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,006.3	µg/mL	+/- 36.6121
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,008.9	µg/mL	+/- 36.7076
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,006.6	µg/mL	+/- 36.6257
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,002.5	µg/mL	+/- 36.4757
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5530
43	2,4-Dinitrophenol	51-28-5	D240927RSR	----%	1,005.6	µg/mL	+/- 36.5894
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,003.5	µg/mL	+/- 36.5120
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,008.3	µg/mL	+/- 36.6849
46	4-Nitrophenol	100-02-7	20241029-2-AN	99%	1,004.8	µg/mL	+/- 36.5575
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,005.8	µg/mL	+/- 36.5939
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP231219RSR	99%	1,006.4	µg/mL	+/- 36.6166
49	Fluorene	86-73-7	10246250	98%	1,000.7	µg/mL	+/- 36.4102
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,004.9	µg/mL	+/- 36.5621
51	Diethylphthalate	84-66-2	BCCJ6241	99%	1,003.9	µg/mL	+/- 36.5257
52	4-Nitroaniline	100-01-6	RP230111	99%	1,006.6	µg/mL	+/- 36.6257
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,001.3	µg/mL	+/- 36.4302

54	Diphenylamine	122-39-4	MKCT1512	99%	1,003.0	µg/mL	+/- 36.4938
55	Azobenzene	103-33-3	BCCK0887	99%	1,002.4	µg/mL	+/- 36.4711
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,008.8	µg/mL	+/- 36.7031
57	Hexachlorobenzene	118-74-1	15458400	99%	1,005.1	µg/mL	+/- 36.5712
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.9	µg/mL	+/- 36.5984
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.9	µg/mL	+/- 36.5621
60	Anthracene	120-12-7	101492T18R	99%	1,005.1	µg/mL	+/- 36.5712
61	Carbazole	86-74-8	15276700	99%	1,005.4	µg/mL	+/- 36.5803
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,006.3	µg/mL	+/- 36.6121
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,003.5	µg/mL	+/- 36.5120
64	Pyrene	129-00-0	BCCK2592	99%	1,002.0	µg/mL	+/- 36.4575
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,007.5	µg/mL	+/- 36.6576
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.9	µg/mL	+/- 36.5984
67	Benz(a)anthracene	56-55-3	I70012022BAA	99%	1,005.5	µg/mL	+/- 36.5848
68	Chrysene	218-01-9	RP241007RSR	99%	1,005.3	µg/mL	+/- 36.5757
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,007.5	µg/mL	+/- 36.6576
70	Di-n-octyl phthalate	117-84-0	15566400	99%	1,002.3	µg/mL	+/- 36.4666
71	Benzo(b)fluoranthene	205-99-2	052013B	99%	1,004.1	µg/mL	+/- 36.5348
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,002.8	µg/mL	+/- 36.4847
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,006.2	µg/mL	+/- 36.6108
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,001.8	µg/mL	+/- 36.4490
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,003.3	µg/mL	+/- 36.5029
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,003.8	µg/mL	+/- 36.5217

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

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Certificate of Analysis

chromatographic plus

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Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0219438

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S12963 ↓ S12992 AC 12/17/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,008.3 µg/mL	+/- 36.6849
2	N-Nitrosodimethylamine	62-75-9	S240313RSR	99%	1,008.6 µg/mL	+/- 36.6985
3	Phenol	108-95-2	MKCK1120	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,002.9 µg/mL	+/- 36.4893
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.0 µg/mL	+/- 36.4938
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.6 µg/mL	+/- 36.5894
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.1 µg/mL	+/- 36.5348
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,002.1 µg/mL	+/- 36.4620
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,003.5 µg/mL	+/- 36.5120
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,005.3 µg/mL	+/- 36.5757
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,008.4 µg/mL	+/- 36.6894
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,004.6 µg/mL	+/- 36.5530
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 18.2697
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.8 µg/mL	+/- 18.3288
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,006.5 µg/mL	+/- 36.6212
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.5 µg/mL	+/- 36.5484
17	Nitrobenzene	98-95-3	10224044	99%	1,002.5 µg/mL	+/- 36.4757

18	Isophorone	78-59-1	MKCR3249	99%	1,003.4	µg/mL	+/- 36.5075
19	2-Nitrophenol	88-75-5	RP230710	99%	1,002.5	µg/mL	+/- 36.4757
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,006.5	µg/mL	+/- 36.6212
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,006.6	µg/mL	+/- 36.6257
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,001.5	µg/mL	+/- 36.4393
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,006.4	µg/mL	+/- 36.6166
24	Naphthalene	91-20-3	STBL1057	99%	1,002.1	µg/mL	+/- 36.4620
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.4	µg/mL	+/- 36.5439
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.5	µg/mL	+/- 36.4771
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,004.5	µg/mL	+/- 36.5484
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.0	µg/mL	+/- 36.3847
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/- 36.4325
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,006.4	µg/mL	+/- 36.6166
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.6	µg/mL	+/- 36.5505
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,004.3	µg/mL	+/- 36.5393
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.4	µg/mL	+/- 36.5439
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,002.8	µg/mL	+/- 36.4847
36	Acenaphthylene	208-96-8	RP241029RSR	98%	1,000.0	µg/mL	+/- 36.3835
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,006.3	µg/mL	+/- 36.6121
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,008.9	µg/mL	+/- 36.7076
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,006.6	µg/mL	+/- 36.6257
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,002.5	µg/mL	+/- 36.4757
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5530
43	2,4-Dinitrophenol	51-28-5	D240927RSR	----%	1,005.6	µg/mL	+/- 36.5894
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,003.5	µg/mL	+/- 36.5120
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,008.3	µg/mL	+/- 36.6849
46	4-Nitrophenol	100-02-7	20241029-2-AN	99%	1,004.8	µg/mL	+/- 36.5575
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,005.8	µg/mL	+/- 36.5939
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP231219RSR	99%	1,006.4	µg/mL	+/- 36.6166
49	Fluorene	86-73-7	10246250	98%	1,000.7	µg/mL	+/- 36.4102
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,004.9	µg/mL	+/- 36.5621
51	Diethylphthalate	84-66-2	BCCJ6241	99%	1,003.9	µg/mL	+/- 36.5257
52	4-Nitroaniline	100-01-6	RP230111	99%	1,006.6	µg/mL	+/- 36.6257
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,001.3	µg/mL	+/- 36.4302

54	Diphenylamine	122-39-4	MKCT1512	99%	1,003.0	µg/mL	+/- 36.4938
55	Azobenzene	103-33-3	BCCK0887	99%	1,002.4	µg/mL	+/- 36.4711
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,008.8	µg/mL	+/- 36.7031
57	Hexachlorobenzene	118-74-1	15458400	99%	1,005.1	µg/mL	+/- 36.5712
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.9	µg/mL	+/- 36.5984
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.9	µg/mL	+/- 36.5621
60	Anthracene	120-12-7	101492T18R	99%	1,005.1	µg/mL	+/- 36.5712
61	Carbazole	86-74-8	15276700	99%	1,005.4	µg/mL	+/- 36.5803
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,006.3	µg/mL	+/- 36.6121
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,003.5	µg/mL	+/- 36.5120
64	Pyrene	129-00-0	BCCK2592	99%	1,002.0	µg/mL	+/- 36.4575
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,007.5	µg/mL	+/- 36.6576
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.9	µg/mL	+/- 36.5984
67	Benz(a)anthracene	56-55-3	I70012022BAA	99%	1,005.5	µg/mL	+/- 36.5848
68	Chrysene	218-01-9	RP241007RSR	99%	1,005.3	µg/mL	+/- 36.5757
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,007.5	µg/mL	+/- 36.6576
70	Di-n-octyl phthalate	117-84-0	15566400	99%	1,002.3	µg/mL	+/- 36.4666
71	Benzo(b)fluoranthene	205-99-2	052013B	99%	1,004.1	µg/mL	+/- 36.5348
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,002.8	µg/mL	+/- 36.4847
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,006.2	µg/mL	+/- 36.6108
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,001.8	µg/mL	+/- 36.4490
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,003.3	µg/mL	+/- 36.5029
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,003.8	µg/mL	+/- 36.5217

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

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Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0219438

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

S12963 → S12992 AC 12/17/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,008.3 µg/mL	+/- 36.6849
2	N-Nitrosodimethylamine	62-75-9	S240313RSR	99%	1,008.6 µg/mL	+/- 36.6985
3	Phenol	108-95-2	MKCK1120	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,002.9 µg/mL	+/- 36.4893
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.0 µg/mL	+/- 36.4938
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.6 µg/mL	+/- 36.5894
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.1 µg/mL	+/- 36.5348
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,002.1 µg/mL	+/- 36.4620
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,003.5 µg/mL	+/- 36.5120
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,005.3 µg/mL	+/- 36.5757
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,008.4 µg/mL	+/- 36.6894
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,004.6 µg/mL	+/- 36.5530
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 18.2697
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.8 µg/mL	+/- 18.3288
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,006.5 µg/mL	+/- 36.6212
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.5 µg/mL	+/- 36.5484
17	Nitrobenzene	98-95-3	10224044	99%	1,002.5 µg/mL	+/- 36.4757

18	Isophorone	78-59-1	MKCR3249	99%	1,003.4	µg/mL	+/- 36.5075
19	2-Nitrophenol	88-75-5	RP230710	99%	1,002.5	µg/mL	+/- 36.4757
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,006.5	µg/mL	+/- 36.6212
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,006.6	µg/mL	+/- 36.6257
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,001.5	µg/mL	+/- 36.4393
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,006.4	µg/mL	+/- 36.6166
24	Naphthalene	91-20-3	STBL1057	99%	1,002.1	µg/mL	+/- 36.4620
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.4	µg/mL	+/- 36.5439
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.5	µg/mL	+/- 36.4771
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,004.5	µg/mL	+/- 36.5484
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.0	µg/mL	+/- 36.3847
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/- 36.4325
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,006.4	µg/mL	+/- 36.6166
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.6	µg/mL	+/- 36.5505
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,004.3	µg/mL	+/- 36.5393
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.4	µg/mL	+/- 36.5439
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,002.8	µg/mL	+/- 36.4847
36	Acenaphthylene	208-96-8	RP241029RSR	98%	1,000.0	µg/mL	+/- 36.3835
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,006.3	µg/mL	+/- 36.6121
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,008.9	µg/mL	+/- 36.7076
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,006.6	µg/mL	+/- 36.6257
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,002.5	µg/mL	+/- 36.4757
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5530
43	2,4-Dinitrophenol	51-28-5	D240927RSR	----%	1,005.6	µg/mL	+/- 36.5894
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,003.5	µg/mL	+/- 36.5120
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,008.3	µg/mL	+/- 36.6849
46	4-Nitrophenol	100-02-7	20241029-2-AN	99%	1,004.8	µg/mL	+/- 36.5575
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,005.8	µg/mL	+/- 36.5939
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP231219RSR	99%	1,006.4	µg/mL	+/- 36.6166
49	Fluorene	86-73-7	10246250	98%	1,000.7	µg/mL	+/- 36.4102
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,004.9	µg/mL	+/- 36.5621
51	Diethylphthalate	84-66-2	BCCJ6241	99%	1,003.9	µg/mL	+/- 36.5257
52	4-Nitroaniline	100-01-6	RP230111	99%	1,006.6	µg/mL	+/- 36.6257
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,001.3	µg/mL	+/- 36.4302

54	Diphenylamine	122-39-4	MKCT1512	99%	1,003.0	µg/mL	+/- 36.4938
55	Azobenzene	103-33-3	BCCK0887	99%	1,002.4	µg/mL	+/- 36.4711
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,008.8	µg/mL	+/- 36.7031
57	Hexachlorobenzene	118-74-1	15458400	99%	1,005.1	µg/mL	+/- 36.5712
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.9	µg/mL	+/- 36.5984
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.9	µg/mL	+/- 36.5621
60	Anthracene	120-12-7	101492T18R	99%	1,005.1	µg/mL	+/- 36.5712
61	Carbazole	86-74-8	15276700	99%	1,005.4	µg/mL	+/- 36.5803
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,006.3	µg/mL	+/- 36.6121
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,003.5	µg/mL	+/- 36.5120
64	Pyrene	129-00-0	BCCK2592	99%	1,002.0	µg/mL	+/- 36.4575
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,007.5	µg/mL	+/- 36.6576
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.9	µg/mL	+/- 36.5984
67	Benz(a)anthracene	56-55-3	I70012022BAA	99%	1,005.5	µg/mL	+/- 36.5848
68	Chrysene	218-01-9	RP241007RSR	99%	1,005.3	µg/mL	+/- 36.5757
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,007.5	µg/mL	+/- 36.6576
70	Di-n-octyl phthalate	117-84-0	15566400	99%	1,002.3	µg/mL	+/- 36.4666
71	Benzo(b)fluoranthene	205-99-2	052013B	99%	1,004.1	µg/mL	+/- 36.5348
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,002.8	µg/mL	+/- 36.4847
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,006.2	µg/mL	+/- 36.6108
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,001.8	µg/mL	+/- 36.4490
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,003.3	µg/mL	+/- 36.5029
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,003.8	µg/mL	+/- 36.5217

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

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Certificate of Analysis

chromatographic plus

ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0219438

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S12963 ↓ S12992 AC 12/17/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,008.3 µg/mL	+/- 36.6849
2	N-Nitrosodimethylamine	62-75-9	S240313RSR	99%	1,008.6 µg/mL	+/- 36.6985
3	Phenol	108-95-2	MKCK1120	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,002.9 µg/mL	+/- 36.4893
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.0 µg/mL	+/- 36.4938
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.6 µg/mL	+/- 36.5894
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.1 µg/mL	+/- 36.5348
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,002.1 µg/mL	+/- 36.4620
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,003.5 µg/mL	+/- 36.5120
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,005.3 µg/mL	+/- 36.5757
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,008.4 µg/mL	+/- 36.6894
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,004.6 µg/mL	+/- 36.5530
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 18.2697
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.8 µg/mL	+/- 18.3288
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,006.5 µg/mL	+/- 36.6212
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.5 µg/mL	+/- 36.5484
17	Nitrobenzene	98-95-3	10224044	99%	1,002.5 µg/mL	+/- 36.4757

18	Isophorone	78-59-1	MKCR3249	99%	1,003.4	µg/mL	+/- 36.5075
19	2-Nitrophenol	88-75-5	RP230710	99%	1,002.5	µg/mL	+/- 36.4757
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,006.5	µg/mL	+/- 36.6212
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,006.6	µg/mL	+/- 36.6257
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,001.5	µg/mL	+/- 36.4393
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,006.4	µg/mL	+/- 36.6166
24	Naphthalene	91-20-3	STBL1057	99%	1,002.1	µg/mL	+/- 36.4620
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.4	µg/mL	+/- 36.5439
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.5	µg/mL	+/- 36.4771
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,004.5	µg/mL	+/- 36.5484
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.0	µg/mL	+/- 36.3847
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/- 36.4325
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,006.4	µg/mL	+/- 36.6166
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.6	µg/mL	+/- 36.5505
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,004.3	µg/mL	+/- 36.5393
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.4	µg/mL	+/- 36.5439
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,002.8	µg/mL	+/- 36.4847
36	Acenaphthylene	208-96-8	RP241029RSR	98%	1,000.0	µg/mL	+/- 36.3835
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,006.3	µg/mL	+/- 36.6121
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,008.9	µg/mL	+/- 36.7076
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,006.6	µg/mL	+/- 36.6257
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,002.5	µg/mL	+/- 36.4757
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5530
43	2,4-Dinitrophenol	51-28-5	D240927RSR	----%	1,005.6	µg/mL	+/- 36.5894
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,003.5	µg/mL	+/- 36.5120
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,008.3	µg/mL	+/- 36.6849
46	4-Nitrophenol	100-02-7	20241029-2-AN	99%	1,004.8	µg/mL	+/- 36.5575
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,005.8	µg/mL	+/- 36.5939
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP231219RSR	99%	1,006.4	µg/mL	+/- 36.6166
49	Fluorene	86-73-7	10246250	98%	1,000.7	µg/mL	+/- 36.4102
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,004.9	µg/mL	+/- 36.5621
51	Diethylphthalate	84-66-2	BCCJ6241	99%	1,003.9	µg/mL	+/- 36.5257
52	4-Nitroaniline	100-01-6	RP230111	99%	1,006.6	µg/mL	+/- 36.6257
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,001.3	µg/mL	+/- 36.4302

54	Diphenylamine	122-39-4	MKCT1512	99%	1,003.0	µg/mL	+/- 36.4938
55	Azobenzene	103-33-3	BCCK0887	99%	1,002.4	µg/mL	+/- 36.4711
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,008.8	µg/mL	+/- 36.7031
57	Hexachlorobenzene	118-74-1	15458400	99%	1,005.1	µg/mL	+/- 36.5712
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.9	µg/mL	+/- 36.5984
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.9	µg/mL	+/- 36.5621
60	Anthracene	120-12-7	101492T18R	99%	1,005.1	µg/mL	+/- 36.5712
61	Carbazole	86-74-8	15276700	99%	1,005.4	µg/mL	+/- 36.5803
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,006.3	µg/mL	+/- 36.6121
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,003.5	µg/mL	+/- 36.5120
64	Pyrene	129-00-0	BCCK2592	99%	1,002.0	µg/mL	+/- 36.4575
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,007.5	µg/mL	+/- 36.6576
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.9	µg/mL	+/- 36.5984
67	Benz(a)anthracene	56-55-3	I70012022BAA	99%	1,005.5	µg/mL	+/- 36.5848
68	Chrysene	218-01-9	RP241007RSR	99%	1,005.3	µg/mL	+/- 36.5757
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,007.5	µg/mL	+/- 36.6576
70	Di-n-octyl phthalate	117-84-0	15566400	99%	1,002.3	µg/mL	+/- 36.4666
71	Benzo(b)fluoranthene	205-99-2	052013B	99%	1,004.1	µg/mL	+/- 36.5348
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,002.8	µg/mL	+/- 36.4847
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,006.2	µg/mL	+/- 36.6108
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,001.8	µg/mL	+/- 36.4490
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,003.3	µg/mL	+/- 36.5029
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,003.8	µg/mL	+/- 36.5217

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

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Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0219438

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

S12963 ↓ S12992 AC 12/17/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,008.3 µg/mL	+/- 36.6849
2	N-Nitrosodimethylamine	62-75-9	S240313RSR	99%	1,008.6 µg/mL	+/- 36.6985
3	Phenol	108-95-2	MKCK1120	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,002.9 µg/mL	+/- 36.4893
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.0 µg/mL	+/- 36.4938
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.6 µg/mL	+/- 36.5894
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.1 µg/mL	+/- 36.5348
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,002.1 µg/mL	+/- 36.4620
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,003.5 µg/mL	+/- 36.5120
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,005.3 µg/mL	+/- 36.5757
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,008.4 µg/mL	+/- 36.6894
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,004.6 µg/mL	+/- 36.5530
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 18.2697
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.8 µg/mL	+/- 18.3288
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,006.5 µg/mL	+/- 36.6212
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.5 µg/mL	+/- 36.5484
17	Nitrobenzene	98-95-3	10224044	99%	1,002.5 µg/mL	+/- 36.4757

18	Isophorone	78-59-1	MKCR3249	99%	1,003.4	µg/mL	+/- 36.5075
19	2-Nitrophenol	88-75-5	RP230710	99%	1,002.5	µg/mL	+/- 36.4757
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,006.5	µg/mL	+/- 36.6212
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,006.6	µg/mL	+/- 36.6257
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,001.5	µg/mL	+/- 36.4393
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,006.4	µg/mL	+/- 36.6166
24	Naphthalene	91-20-3	STBL1057	99%	1,002.1	µg/mL	+/- 36.4620
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.4	µg/mL	+/- 36.5439
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.5	µg/mL	+/- 36.4771
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,004.5	µg/mL	+/- 36.5484
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.0	µg/mL	+/- 36.3847
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/- 36.4325
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,006.4	µg/mL	+/- 36.6166
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.6	µg/mL	+/- 36.5505
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,004.3	µg/mL	+/- 36.5393
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.4	µg/mL	+/- 36.5439
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,002.8	µg/mL	+/- 36.4847
36	Acenaphthylene	208-96-8	RP241029RSR	98%	1,000.0	µg/mL	+/- 36.3835
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,006.3	µg/mL	+/- 36.6121
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,008.9	µg/mL	+/- 36.7076
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,006.6	µg/mL	+/- 36.6257
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,002.5	µg/mL	+/- 36.4757
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5530
43	2,4-Dinitrophenol	51-28-5	D240927RSR	----%	1,005.6	µg/mL	+/- 36.5894
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,003.5	µg/mL	+/- 36.5120
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,008.3	µg/mL	+/- 36.6849
46	4-Nitrophenol	100-02-7	20241029-2-AN	99%	1,004.8	µg/mL	+/- 36.5575
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,005.8	µg/mL	+/- 36.5939
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP231219RSR	99%	1,006.4	µg/mL	+/- 36.6166
49	Fluorene	86-73-7	10246250	98%	1,000.7	µg/mL	+/- 36.4102
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,004.9	µg/mL	+/- 36.5621
51	Diethylphthalate	84-66-2	BCCJ6241	99%	1,003.9	µg/mL	+/- 36.5257
52	4-Nitroaniline	100-01-6	RP230111	99%	1,006.6	µg/mL	+/- 36.6257
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,001.3	µg/mL	+/- 36.4302

54	Diphenylamine	122-39-4	MKCT1512	99%	1,003.0	µg/mL	+/- 36.4938
55	Azobenzene	103-33-3	BCCK0887	99%	1,002.4	µg/mL	+/- 36.4711
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,008.8	µg/mL	+/- 36.7031
57	Hexachlorobenzene	118-74-1	15458400	99%	1,005.1	µg/mL	+/- 36.5712
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.9	µg/mL	+/- 36.5984
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.9	µg/mL	+/- 36.5621
60	Anthracene	120-12-7	101492T18R	99%	1,005.1	µg/mL	+/- 36.5712
61	Carbazole	86-74-8	15276700	99%	1,005.4	µg/mL	+/- 36.5803
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,006.3	µg/mL	+/- 36.6121
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,003.5	µg/mL	+/- 36.5120
64	Pyrene	129-00-0	BCCK2592	99%	1,002.0	µg/mL	+/- 36.4575
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,007.5	µg/mL	+/- 36.6576
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.9	µg/mL	+/- 36.5984
67	Benz(a)anthracene	56-55-3	I70012022BAA	99%	1,005.5	µg/mL	+/- 36.5848
68	Chrysene	218-01-9	RP241007RSR	99%	1,005.3	µg/mL	+/- 36.5757
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,007.5	µg/mL	+/- 36.6576
70	Di-n-octyl phthalate	117-84-0	15566400	99%	1,002.3	µg/mL	+/- 36.4666
71	Benzo(b)fluoranthene	205-99-2	052013B	99%	1,004.1	µg/mL	+/- 36.5348
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,002.8	µg/mL	+/- 36.4847
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,006.2	µg/mL	+/- 36.6108
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,001.8	µg/mL	+/- 36.4490
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,003.3	µg/mL	+/- 36.5029
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,003.8	µg/mL	+/- 36.5217

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q1914
COC Number 2046284

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: CAM Smith
ADDRESS: 110 Fieldcrest Ave #8 6th Fl.
CITY Edison STATE: NJ ZIP: 08837
ATTENTION: M. Encinas
PHONE: 732 590 4679 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: UTEN UST
PROJECT NO.: LOCATION: Mt Vernon NY
PROJECT MANAGER: M. Encinas
e-mail: Encinas.Ma@cdsmithllc.com
PHONE: 732 590 4679 FAX:

CLIENT BILLING INFORMATION

BILL TO: CAM Smith PO#:
ADDRESS: 110 Fieldcrest Ave #8 6th Flor
CITY Edison STATE: NJ ZIP: 08837
ATTENTION: M. Encinas PHONE: 732 590 4679

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced
- ☐ US EPA CLP
- ☑ NYS ASP A
- ☐ NYS ASP B
- ☐ Other
- ☐ EDD FORMAT

ANALYSIS

NJDEP EPH Table 3-2 VPH CAS 91-20-3 Naphthalene CAS 71-43-2 Benzene CAS 100-41-4 Ethylbenzene CAS 1634-04-4 MTBE CAS 91-57-6 2-Methylnaphthalene

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES F	PRESERVATIVES E	3	4	5	6	7	8	9	COMMENTS
								1	2								← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	SS-1	Soil		✓	4/28/25	1130	5	✓	✓								CAS1 Task 2-2 Analysis for email
2.	SS-91	Soil		✓		1135	5	✓	✓								See a Hardcopy
3.	SS-2	Soil		✓		1140	5	✓	✓								
4.	SS-3	Soil		✓		1213	5	✓	✓								
5.	SS-4	Soil		✓		1220	5	✓	✓								
6.	SS-5	Soil		✓		1236	5	✓	✓								
7.	SS-6	Soil		✓		1253	5	✓	✓								
8.	SS-7	Soil		✓		1300	5	✓	✓								
9.	SS-8 (MS/MSD)	Soil		✓		1310	15	✓	✓								
10.	SS-9	Soil		✓		1353											

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	4/29/25 1345	1. 4-24-25 1345
2.		2.
3.	4.29.25 1650	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.8 °C
Comments: Temp 2.8° CAdjustment factor +1) IR Gun #1

Page ____ of
CLIENT: ☐ Hand Delivered ☐ Other
Shipment Complete ☐ YES ☐ NO

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284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q1914
COC Number 2046746

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: CA Smith
ADDRESS: 110 Fieldcrest Ave #8 6th Flr
CITY Edison STATE: NJ ZIP: 08837
ATTENTION: M. Encinas
PHONE: 732 590 4679 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: UTEN UST
PROJECT NO.: LOCATION: Mt Vernon NY
PROJECT MANAGER: M. Encinas
e-mail: Encinas, ma@cdmsmith.com
PHONE: 732 590 4679 FAX:

CLIENT BILLING INFORMATION

BILL TO: CA Smith PO#:
ADDRESS: 110 Fieldcrest Ave #8 6th Flr
CITY Edison STATE: NJ ZIP: 08837
ATTENTION: M. Encinas PHONE: 732 590 4679

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced ☐ US EPA CLP
- ☑ NYS ASP A ☐ NYS ASP B
- ☐ Other _____
- ☐ EDD FORMAT _____

ANALYSIS

1: NYCDEP CP-51 Table 3-2 VOC
2: NYDEC CP-51 Table 3-2 SVOC
3.
4
5
6
7
8
9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1 (A)	2 (E)	3	4	5	6	7	8	9	COMMENTS
1.	FB-042825	Aq		✓	4/28/25	1130	3	✓	✓								CP-51 Table 3-2 Analytes for spec see attach
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

	DATE/TIME	RECEIVED BY
1. RELINQUISHED BY SAMPLER:	4/29/25 1345	1. 1345 4-29-25
2. RELINQUISHED BY SAMPLER:	DATE/TIME:	2. RECEIVED BY:
3. RELINQUISHED BY SAMPLER:	DATE/TIME: 1650 4-29-25	3. RECEIVED BY:

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.8 °C
Comments: Temp 2.8C CAdjustment factor +1) IR Gun #1

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

From: Chenenko, Ricky A. <chenenkora@cdmsmith.com>
Sent: Wednesday, May 14, 2025 1:16 PM
To: Yazmeen Gomez; yazmeen; Jordan Hedvat
Cc: Encinas, Marcie (Puskarik)
Subject: RE: Lab report Q1914

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

Thanks very much.

From: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>
Sent: Wednesday, May 14, 2025 1:07 PM
To: Chenenko, Ricky A. <chenenkora@cdmsmith.com>; yazmeen <yazmeen@chemtech.net>; Jordan Hedvat <Jordan.Hedvat@AllianceTG.com>
Cc: Encinas, Marcie (Puskarik) <EncinasMA@cdmsmith.com>
Subject: RE: Lab report Q1914

You don't often get email from yazmeen.gomez@alliancetg.com. Learn why this is important

Ricky,

I have let QA/QC know to create NYS B reports.

They should be uploaded by EOB.

Best Regards,

Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Chenenko, Ricky A. <chenenkora@cdmsmith.com>
Sent: Wednesday, May 14, 2025 11:53 AM
To: yazmeen <yazmeen@chemtech.net>; Jordan Hedvat <jordan.hedvat@alliancetg.com>
Cc: Encinas, Marcie (Puskarik) <EncinasMA@cdmsmith.com>
Subject: Lab report Q1914

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

Yazmeen,

Can we get the ASP B report for Q1914? I think I checked off ASP A by mistake.

Thanks,

Ricky

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1914 CAMP02
Client Name : CDM Smith
Client Contact : Marcie Ann Encinas
Invoice Name : CDM Smith
Invoice Contact : Marcie Ann Encinas

Order Date : 4/29/2025 2:19:16 PM
Project Name : Con Ed UTEN Mount Vern
Receive DateTime : 4/29/2025 4:50:00 PM
Purchase Order :

Project Mgr :
Report Type : NYS ASP B
EDD Type : EQUIS
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1914-01	SS-1	Solid	04/28/2025	11:30					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-02	SS-91	Solid	04/28/2025	11:35					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-03	SS-2	Solid	04/28/2025	11:40					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-04	SS-3	Solid	04/28/2025	~~12:15~~ 12:18					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-05	SS-4	Solid	04/28/2025	12:20					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-06	SS-5	Solid	04/28/2025	12:36					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-07	SS-6	Solid	04/28/2025	12:53					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-08	SS-7	Solid	04/28/2025	13:00					

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1914 CAMP02
Client Name : CDM Smith
Client Contact : Marcie Ann Encinas
Invoice Name : CDM Smith
Invoice Contact : Marcie Ann Encinas

Order Date : 4/29/2025 2:19:16 PM
Project Name : Con Ed UTEN Mount Vern
Receive DateTime : 4/29/2025 4:50:00 PM
Purchase Order :

Project Mgr :
Report Type : NYS ASP B
EDD Type : EQUIS
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOCMS Group3		8260D		10 Bus. Days
Q1914-09	SS-8	Solid	04/28/2025	13:10					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-10	Q1914-09MS	Solid	04/28/2025	13:10					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-11	Q1914-09MSD	Solid	04/28/2025	13:10					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-12	SS-9	Solid	04/28/2025	13:53					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-14	FB04282025	Water	04/28/2025	~~00:00~~ 14:30					
					VOCMS Group3		8260-Low		10 Bus. Days

Relinquished By :
Date / Time : 4/30/25 10:35

Received By :
Date / Time : 04/30/25 10:35
Storage Area : VOA Refridgerator Room

Rgt 6
Rgt 2
Rgt 4